

TEXAS  
WATER  
DEVELOPMENT  
BOARD



Report 157

*A SURVEY OF THE  
SUBSURFACE SALINE WATER  
OF TEXAS*

*VOLUME 8  
GEOLOGIC WELL DATA  
GULF COAST*

September 1972

157  
Vol. 8

**TEXAS WATER DEVELOPMENT BOARD**

**REPORT 157**

**A SURVEY OF THE  
SUBSURFACE SALINE WATER  
OF TEXAS**

**VOLUME 8  
GEOLOGIC WELL DATA  
GULF COAST**

By

**CORE LABORATORIES, INC.  
Consulting & Engineering Department  
Dallas, Texas**

Prepared under contract for the  
Texas Water Development Board

September 1972

## TEXAS WATER DEVELOPMENT BOARD

W. E. Tinsley, Chairman  
Robert B. Gilmore  
Milton T. Potts

Marvin Shurbet, Vice Chairman  
John H. McCoy  
Carl Illig

Harry P. Burleigh, Executive Director

*Authorization for use or reproduction of any original material contained in this publication, i.e., not obtained from other sources, is freely granted. The Board would appreciate acknowledgement.*

Published and distributed  
by the  
Texas Water Development Board  
Post Office Box 13087  
Austin, Texas 78711

## INDEX

The data sheets in this volume are grouped by county, and within each county the sheets are in sequence of the well identification (ID) number. The beginning page number of each county grouping is as follows:

Aransas .....	1	Grimes .....	115	Newton .....	232
Atascosa .....	2	Guadalupe .....	120	Nueces .....	235
Austin .....	13	Hardin .....	124	Orange .....	238
Bastrop .....	17	Harris .....	127	Polk .....	240
Bee .....	21	Hays .....	134	Refugio .....	248
Bexar .....	26	Hidalgo .....	136	San Jacinto .....	250
Brazoria .....	32	Jackson .....	142	San Patricio .....	254
Brooks .....	38	Jasper .....	145	Starr .....	258
Caldwell .....	43	Jefferson .....	147	Travis .....	263
Calhoun .....	46	Jim Hogg .....	152	Trinity .....	266
Cameron .....	49	Jim Wells .....	153	Tyler .....	269
Chambers .....	52	Karnes .....	156	Uvalde .....	276
Colorado .....	54	Kenedy .....	164	Victoria .....	281
Comal .....	*	Kleberg .....	169	Walker .....	284
DeWitt .....	59	La Salle .....	173	Waller .....	291
Dimmit .....	64	Lavaca .....	187	Washington .....	294
Duval .....	71	Liberty .....	193	Webb .....	296
Fayette .....	77	Live Oak .....	197	Wharton .....	312
Fort Bend .....	85	McMullen .....	204	Willacy .....	316
Frio .....	88	Matagorda .....	218	Wilson .....	318
Galveston .....	97	Maverick .....	223	Zapata .....	326
Goliad .....	99	Medina .....	226	Zavala .....	328
Gonzales .....	102	Montgomery .....	228		

\*No data.

## ABBREVIATIONS

Discussion of the data and their use may be found in Volume 1. The following abbreviations are used on the data sheets:

<u>ABBREVIATION</u>	<u>MEANING</u>	<u>ABBREVIATION</u>	<u>MEANING</u>
ABV	Above (top of formation occurs above log)	LOG	Log (end of logged interval)
ANHY, ANH	Anhydrite	LS	Limestone
BSLT	Basalt	MISS	Mississippian
CF-WICH	Clear Fork-Wichita	MRL	Marl
CHK	Chalk	MTN	Mountain
CHT	Chert	ORDOV	Ordovician
DOL, DOLO	Dolomite	PENN	Pennsylvanian
DTR	Detrital	RGN	Range
ELLEN	Ellenburger	RPT	Reported
EQV, EQUIV	Equivalent	SEC	Section
ERD	Eroded	SD	Sand, sandstone
EST	Estimate	SDY	Sandy
ETD	Estimated total depth	SH	Shale
FLT	Fault, faulted	SHY	Shaly
FM	Formation	SLT	Salt
FNWL, FNEL, etc.	From northwest line, From northeast line, etc., referring to distance in feet from survey lines	SUR	Surface (formation begins at surface); also, Survey
GP	Group	TD	Total depth
GRT	Granite	TNSP	Township
GRW	Granite wash	TRC	Truncation
ID NO.	Identification number	TRIAS	Triassic
IGN	Igneous rocks	U	Upper
L	Lower	UNC	Unconformity
		UND, UNDIFF	Undifferentiated

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AH - ARANSAS      WELL ID NO. : 71820      ELEVATION : 24      TOTAL DEPTH : 7101  
 OPERATOR : C.G. GLASSCOCK      WELL : NO.29-B STATE  
 LOCATION : 467 FS, 467 FW      SEC:      TNSP :      RNG :      SUR : ST. TRACT 29 COPANO BAY

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	24	24	0	0	24	SH,SD	
ZONE 2 (-0 TO -2000)	24	0	2024	- 2000	230	2000	SH,SD	
ZONE 3 (-2000 -4000)	2024	- 2000	4024	- 4000	290	2000	SH,SD	
ZONE 4 (-4000 -6000)	4024	- 4000	6024	- 6000	700	2000	SD,SH	
ZONE 5 (-6000 -8000)	6024	- 6000	7101	- 7077	420+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AL - ATASCOSA      WELL ID NO. : 48806      ELEVATION : 452      TOTAL DEPTH : 6221  
 OPERATOR : H.H. HOWELL      WELL : NO.1 F.J. JAKSIK  
 LOCATION : 467 FNL, 660 FEL      SEC:      TNSP :      RNG :      SUR : M.J. PEREZ

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	950	- 498	3130	- 2678	1000	2180	SD, SH	
OLMOS SD	3770	- 3318	3945	- 3493	5	175	SD, SH	
AUSTIN GP	5535	- 5083	5690	- 5238	----	155	CHK, MRL	
EAGLE FORD GP	5690	- 5238	5747	- 5295	----	57	SH, SHY LS	
WASHITA GP	5747	- 5295	5948	- 5496	----	201	LS, SH	
EDWARDS FM	5948	- 5496	6221	- 5769	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AL - ATASCOSA      WELL ID NO. : 49802      ELEVATION : 666      TOTAL DEPTH : 3335  
 OPERATOR : RAY CLARK      WELL : NO.1 JONES  
 LOCATION : 330 FSL, 330 FEL      SEC:      TNSP :      RNG :      SUR : A.J. MURRAY A-1597

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	10	656	1040	- 374	210+	1030	SD, SH	ABV
AUSTIN GP	2850	- 2184	3050	- 2384	----	200	CHK, MRL	
EAGLE FORD GP	3050	- 2384	3097	- 2431	----	47	SH, SHY LS	
WASHITA GP	3097	- 2431	3285	- 2619	----	188	LS, SH	
EDWARDS FM	3285	- 2619	3335	- 2669	----		LS, DOL	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AL - ATASCOSA      WELL ID NO. : 49803      ELEVATION : 453      TOTAL DEPTH : 4004

OPERATOR : BAILEY, ESTES, COLE      WELL : NO.1 SCHULTZE

LOCATION : 330 FNEC, 330 FEL      SEC:      TNSP :      RNG :      SUR : G.C. AND S.F., 16, A-1619

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	20	433	1220	- 767	280+	1200	SD, SH	ABV
OLMOS SD	2035	- 1582	2180	- 1727	5	145	SD, SH	UNC
AUSTIN GP	2950	- 2497	3110	- 2657	----	160	CHK, MRL	
EAGLE FORD GP	3110	- 2657	3145	- 2692	----	35	SH, SHY LS	
WASHITA GP	3145	- 2692	3330	- 2877	----	185	LS, SH	
EDWARDS FM	3330	- 2877	3960	- 3507	----	630	LS, DOL	
GLEN ROSE FM	3960	- 3507	4004	- 3551	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AL - ATASCOSA      WELL ID NO. : 49B04      ELEVATION : 474      TOTAL DEPTH : 5655  
 OPERATOR : GORMAN DRLG. CO.      WELL : NO.1 GORMAN FEE  
 LOCATION : 2600 FSWL, 990 FNWL      SEC:      TNSP :      RNG :      SUR : J. GOMBERT, 1104, A-287

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	785	- 311	2750	- 2276	0	1965	SD, SH	
OLMOS SD	4010	- 3536	4160	- 3686	15	150	SD, SH	
AUSTIN GP	5075	- 4601	5248	- 4774	----	173	CHK, MRL	
EAGLE FORD GP	5248	- 4774	5312	- 4838	----	64	SH, SHY LS	
WASHITA GP	5312	- 4838	5520	- 5046	----	208	LS, SH	
EDWARDS FM	5520	- 5046	5655	- 5181	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AL - ATASCOSA      WELL ID NO. : 63A01      ELEVATION : 547      TOTAL DEPTH : 5467  
 OPERATOR : PLACID OIL CO.      WELL : NO.2 LOUIS EISENHAUER  
 LOCATION : 2330 FNWL, 6200 FSWL      SEC:      TNSP :      RNG :      SUR : DIEGO PEREZ, A-665

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	520	27	2500	- 1953	1140	1980	SD, SH	
OLMOS SD	3822	- 3275	3970	- 3423	40	148	SD, SH	
AUSTIN GP	4860	- 4313	5060	- 4513	----	200	CHK, MRL	
EAGLE FORD GP	5060	- 4513	5128	- 4581	----	68	SH, SHY LS	
WASHITA GP	5128	- 4581	5347	- 4800	----	219	LS, SH	
EDWARDS FM	5347	- 4800	5467	- 4920	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AL - ATASCOSA      WELL ID NO. : 63A02      ELEVATION : 504      TOTAL DEPTH : 7249  
 OPERATOR : HUMBLE O AND R CO.      WELL : NO.1 ED MATOCHA  
 LOCATION : 3250 FWL, 4850 FSL      SEC:      TNSP :      RNG :      SUR : WM. MCFADDIN, NO.522, A557

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	1370	- 866	3750	- 3246	1030	2380	SD, SH	
ESCONDIDO SD	4293	- 3789	5200	- 4696	15	907	SD, SH	
OLMOS SD	5370	- 4866	5515	- 5011	30	145	SD, SH	
AUSTIN GP	6525	- 6021	6760	- 6256	----	235	CHK, MRL	
EAGLE FORD GP	6760	- 6256	6872	- 6368	----	112	SH, SHY LS	
WASHITA GP	6872	- 6368	7180	- 6676	----	308	LS, SH	
EDWARDS FM	7180	- 6676	7249	- 6745	----		LS, DOL	TD

-7-

REMARKS  
 215 FT. F/O AT 5810

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : AL - AITASCOSA      WELL ID NO. : 64A01      ELEVATION : 384      TOTAL DEPTH : 13964  
 OPERATOR : LONE STAR PROD. CO.      WELL : NO. 1-A JOHN TOM  
 LOCATION : 1500 FNEL, 2146 FSEL      SEC:      TNSP :      RNG :      SUR : JOHN BENSON NO.148, A-72

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX	3505	- 3121	6665	- 6281	1050	3160	SD, SH	
AUSTIN GP	9820	- 9436	9850	- 9466	----	30	CHK, MRL	FLT
EAGLE FORD GP	9850	- 9466	9957	- 9573	----	107	SH, SHY LS	
WASHITA GP	9957	- 9573	10240	- 9856	----	283	LS, SH	
EDWARDS FM	10240	- 9856	10882	-10498	----	642	LS, DOL	
GLEN ROSE FM	10882	-10498	12310	-11926	----	1428	LS, DOL	
PEARSALL FM	12310	-11926	12840	-12456	----	530	SH, LS	
SLIGO-HOSSTON FMS	12840	-12456	13964	-13580	----		LS, SH	TD

REMARKS  
 230 FT. F/O AT 9820

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AL - ATASCOSA      WELL ID NO. : 64A04      ELEVATION : 307      TOTAL DEPTH : 9530  
 OPERATOR : WESTLAND OIL DEVEL.      WELL : NO.1 GUY SMITH  
 LOCATION : 467 FSWL, 467 FSEL      SEC:      TNSP :      RNG :      SUR : J. HUMPHREY NO.623 A-1416

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	2735	- 2428	5730	- 5423	0	2995	SD, SH	
AUSTIN GP	8792	- 8485	8925	- 8618	----	133	CHK, MRL	
EAGLE FORD GP	8925	- 8618	9030	- 8723	----	105	SH, SHY LS	
WASHITA GP	9030	- 8723	9287	- 8980	----	257	LS, SH	
EDWARDS FM	9287	- 8980	9530	- 9223	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AL - ATASCOSA      WELL ID NO. : 64A05      ELEVATION : 420      TOTAL DEPTH : 7676  
 OPERATOR : JAKE L. HAMON      WELL : NO.1 J.K. WILLIAMS  
 LOCATION : 660 FNL, 1378 FWL      SEC:      TNSP :      RNG :      SUR : BENJAMIN KELLOG A-515

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	1520	- 1100	4125	- 3705	0	2605	SD, SH	
ESCONDIDO SD	4893	- 4473	5105	- 4685	12	212	SD, SH	
AUSTIN GP	6947	- 6527	7170	- 6750	----	223	CHK, MRL	
EAGLE FORD GP	7170	- 6750	7310	- 6890	----	140	SH, SHY LS	
WASHITA GP	7310	- 6890	7635	- 7215	----	325	LS, SH	
EDWARDS FM	7635	- 7215	7676	- 7256	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AL - ATASCOSA      WELL ID NO. : 64802      ELEVATION : 385      TOTAL DEPTH : 10536  
 OPERATOR : DUDLEY T. DOUGHERTY      WELL : NO.1 G.W. HENRY  
 LOCATION : 450 FSWL, 1350 FSEL      SEC:      TNSP :      RNG :      SUR : R. WALLACE, A-1192

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	385	385	0	0	385	SD, SH	
ZONE 2 (-0 TO -2000)	385	0	2385	- 2000	725	2000	SD, SH	
ZONE 3 (-2000 -4000)	2385	- 2000	3140	- 2755	490	755	SD, SH	
CARRIZO-WILCOX SD	3140	- 2755	6000	- 5615	1500	2860		
OLMOS SAND	8015	- 7630	8180	- 7795	20	165	SD, SH	
AUSTIN GP	9580	- 9195	9680	- 9295	----	100	CHK, MRL	
EAGLE FORD GP	9680	- 9295	9920	- 9535	----	240	SH, SHY LS	
WASHITA GP	9920	- 9535	10150	- 9765	----	230	LS, SH	
EDWARDS FM	10150	- 9765	10536	-10151	----		LS, DOL	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AL - ATASCOSA      WELL ID NO. : 64804      ELEVATION : 315      TOTAL DEPTH : 11315  
 OPERATOR : C.C. WINN      WELL : NO.1 TOM  
 LOCATION : 660 FNL, 660 FEL      SEC:      TNSP :      RNG :      SUR : EDWARD OBOYLE, NO.7, A-10

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	3734	- 3419	6820	- 6505	1000	3086	SD, SH	
AUSTIN GP	10300	- 9985	10400	-10085	----	100	CHK, MRL	
EAGLE FORD GP	10400	-10085	10650	-10335	----	250	SH, SHY LS	
WASHITA GP	10650	-10335	10895	-10580	----	245	LS, SH	
EDWARDS FM	10895	-10580	11315	-11000	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AP - AUSTIN            WELL ID NO. : 02A01            ELEVATION : 350            TOTAL DEPTH : 16614  
 OPERATOR : GEO. MITCHELL ASSOC.    WELL : NO.1 ALBERT PESCHEL  
 LOCATION : 1580 FSL, 500 FEL        SEC:            TNSP :            RNG :            SUR : FELIX WRIGHT A-314

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	6902	- 6552	11320	-10970	1300	4418	SD, SH	
AUSTIN GP	15250	-14900	15685	-15335	----	435	CHK, MRL	
EAGLE FORD GP	15685	-15335	15906	-15556	----	221	SH, SHY LS	EST
WASHITA GP	15906	-15556	16270	-15920	----	364	LS, SH	
EDWARDS FM	16270	-15920	16614	-16264	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AP - AUSTIN                      WELL ID NO. : 3A2                      ELEVATION : 161                      TOTAL DEPTH : 11062  
 OPERATOR : G.S. HAMMONDS                      WELL : NO. 1 HUBER  
 LOCATION : 3800 FSWL, 9300 FNWL                      SEC:                      TNSP :                      RNG :                      SUR : JAMES CUMMINGS SUR. A-31

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	161	161	0	0	161	SH,SD	
ZONE 2 (-0 TO -2000)	161	0	2161	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2161	- 2000	4161	- 4000	220	2000	SH,SD	
ZONE 4 (-4000 -6000)	4161	- 4000	6161	- 6000	380	2000	SH,SD	
ZONE 5 (-6000 -8000)	6161	- 6000	7695	- 7534	0	1534	SH	
CARRIZO-WILCOX SD	7695	- 7534	11062	-10901	1350+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AP - AUSTIN      WELL ID NO. : 3B20      ELEVATION : 158      TOTAL DEPTH : 13019  
 OPERATOR : SOUTHERN NATURAL GAS      WELL : NO.1 UHYREK  
 LOCATION : 330 FSEL, 330 FNLV SWL      SEC:      TNSP :      RNG :      SUR : SAMUEL B. EVANS SUR. A164

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	158	158	0	0	158	SH,SD	
ZONE 2 (-0 TO -2000)	158	0	2158	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2158	- 2000	4158	- 4000	150	2000	SH,SD	
ZONE 4 (-4000 -6000)	4158	- 4000	6158	- 6000	390	2000	SH,SD	
ZONE 5 (-6000 -8000)	6158	- 6000	8158	- 8000	240	2000	SH,SD	
ZONE 6 (-8000 -10000)	10158	-10000	10250	-10092	0	92	SH,SD	
CARRIZO-WILCOX SD	10250	-10092	13019	-12861	420+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : AP - AUSTIN WELL ID NO. : 15C20 ELEVATION : 330 TOTAL DEPTH : 9974

OPERATOR : THE TEXAS WELL : NO.1 HAREK

LOCATION : 4900 FSEL-SUR,660 FNE-LSESEC: TNSP : RNG : SUR : FREDERICK ERNST SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	330	330	0	0	330	SH,SD	
ZONE 2 (-0 10 -2000)	330	0	2330	- 2000	85	2000	SD,SH	
ZONE 3 (-2000 -4000)	2330	- 2000	4330	- 4000	520	2000	SD,SH	
ZONE 4 (-4000 -6000)	4330	- 4000	6000	- 5670	100	1670	SH,SD	
CARRIZO-WILCOX SD	6000	- 5670	9974	- 9644	2200+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AT - BASTROP      WELL ID NO. : 19B01      ELEVATION : 488      TOTAL DEPTH : 2250  
 OPERATOR : LA GLORIA CORP.      WELL : NO.1 M.L. RIVERS  
 LOCATION : 7600 FNEL, 4200 FWL      SEC:      TNSP :      RNG :      SUR : BEN OSBORN A-54

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
AUSTIN GP	1690	- 1202	1930	- 1442	----	240	CHK, MRL	
EAGLE FORD GP	1930	- 1442	1955	- 1467	----	25	SH, SHY LS	
WASHITA GP	1955	- 1467	2188	- 1700	----	233	LS, SH	
EDWARDS FM	2188	- 1700	2250	- 1762	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AT - BASTROP      WELL ID NO. : 19804      ELEVATION : 392      TOTAL DEPTH : 5747  
 OPERATOR : M.T. HALBOUTY      WELL : NO.1 J.A. JACKSON  
 LOCATION : 467 FSWL, 467 FNWL      SEC:      TNSP :      RNG :      SUR : E.W. BARTON A-9

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	0	392	1600	- 1208	300+	1600		SUR
AUSTIN GP	3900	- 3508	4051	- 3659	----	151	CHK, MRL	
EAGLE FORD GP	4051	- 3659	4075	- 3683	----	24	SH, SHY LS	
WASHITA GP	4075	- 3683	4321	- 3929	----	246	LS, SH	
EDWARDS FM	4321	- 3929	4765	- 4373	400	444	LS, DOL	
GLEN ROSE FM	4765	- 4373	5747	- 5355	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AT - BASTROP      WELL ID NO. : 20A01      ELEVATION : 524      TOTAL DEPTH : 7016  
 OPERATOR : CARRL OIL CO.      WELL : NO.1 JOE SEGEL  
 LOCATION : 660 FNEL, 2796 FNWL      SEC:      TNSP :      RNG :      SUR : WM OCONNELL A-272

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	0	524	2000	- 1476	250*	2000	SD, SH	SUR
AUSTIN GP	3956	- 3432	4405	- 3881	----	449	CHK, MRL	
EAGLE FORD GP	4405	- 3881	4427	- 3903	----	22	SH, SHY LS	
WASHITA GP	4427	- 3903	4664	- 4140	----	237	LS, SH	
EDWARDS FM	4664	- 4140	5192	- 4668	----	528	LS, DOL	
SLIGO-HOSSTON FMS	6634	- 6110	7016	- 6492	----		LS, SH, SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AT - BASTROP      WELL ID NO. : 20A02      ELEVATION : 313      TOTAL DEPTH : 9110  
 OPERATOR : DELANGE, NEATHERY      WELL : NO.1 W.R. UPNER  
 LOCATION : 1700 NE OF SW CORNER      SEC:      TNSP :      RNG :      SUR : WM. BARTON A-10

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	910	- 597	4295	- 3982	1130	3385	SD, SH	ABV
AUSTIN GP	8550	- 8237	7170	- 6857	----	1380	CHK, MRL	
EAGLE FORD GP	7170	- 6857	7224	- 6911	----	54	SH, SHY LS	
WASHITA GP	7224	- 6911	7573	- 7260	----	349	LS, SH	
EDWARDS FM	7573	- 7260	8108	- 7795	----	535	LS, DOL	
GLEN ROSE FM	8108	- 7795	9110	- 8797	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AW - BLE                      WELL ID NO. : 65B01                      ELEVATION : 363                      TOTAL DEPTH : 17000  
 OPERATOR : SHELL OIL CO.                      WELL : NO.1 ALVIN ONEAL  
 LOCATION : 800 FSWL, 1200 FSWL                      SEC:                      TNSP :                      RNG :                      SUR : B.S. AND F. A-126

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	363	363	0	0	363	SH, SD	
ZONE 2 (-0 TO -2000)	363	0	2363	- 2000	260	2000	SH, SD	
ZONE 3 (-2000 -4000)	2363	- 2000	4363	- 4000	380	2000	SH, SD	
ZONE 4 (-4000 -6000)	4363	- 4000	5860	- 5497	10	1497	SH, SD	
CARRIZO-WILCOX SD	5860	- 5497	9070	- 8707	500	3210	SD, SH	
MIDWAY GP	9070	- 8707	11340	-10977	----	2270	SH, SD	EST
AUSTIN GP	13325	-12962	13480	-13117	----	155	CHK, MRL	
EAGLE FORU GP	13480	-13117	13480	-13117	----	0	SH, SHY LS	
WASHITA GP	13480	-13117	13480	-13117	----	0	LS, SH	
EDWARDS-GLEN ROSE FMS	13480	-13117	15480	-15117	----	2000	LS, OOL	
PEARSALL FM	15480	-15117	15957	-15594	----	477	SH, LS	
SLIGO FM	15957	-15594	17000	-16637	----		LS, SH	TD

REMARKS  
 380 FT. F/O AT 11760

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AM - BEE                      WELL ID NO. : 65B21                      ELEVATION : 388                      TOTAL DEPTH : 8050  
 OPERATOR : UNION PROD. CO.                      WELL : NO. 84 RAY  
 LOCATION : 1500 FWL, 1950 FSEL                      SEC:                      TNSP :                      RNG :                      SUR : PIERCE MILLER SUR. A-227

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	388	388	0	0	388	SH,SD	
ZONE 2 (-0 TO -2000)	388	0	2388	- 2000	50	2000	SH,SD	
ZONE 3 (-2000 -4000)	2388	- 2000	4388	- 4000	230	2000	SH,SD	
ZONE 4 (-4000 -6000)	4388	- 4000	6388	- 6000	65	2000	SH,SD	
ZONE 5 (-6000 -8000)	6388	- 6000	7032	- 6644	0	644	SH	
CARRIZO-WILCOX SD	7032	- 6644	8050	- 7662	270+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AW - BEE                      WELL ID NO. : 72A20                      ELEVATION : 334                      TOTAL DEPTH : 12217  
 OPERATOR : TIDEWATER OIL CO.                      WELL : NO.1 TAYLOR  
 LOCATION : 1950 S OF NL, 660 E OF WLSEC:                      TNSP :                      RNG :                      SUR : W.P.RYAN SUR. ABS.588

FORMATION	DEPTH	TOP SUB-SFA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	334	334	0	0	334	SH,SD	
ZONE 2 (-0 TO -2000)	334	0	2334	- 2000	10	2000	SH,SD	
ZONE 3 (-2000 -4000)	2334	- 2000	4334	- 4000	10	2000	SH,SD	
ZONE 4 (-4000 -6000)	4334	- 4000	6334	- 6000	170	2000	SH,SD	
ZONE 5 (-6000 -8000)	6334	- 6000	8334	- 8000	0	2000	SH	
ZONE 6 (-8000 -10000)	8334	- 8000	9245	- 8911	0	911	SH	
CARRIZO-WILCOX SD	9245	- 8911	12217	-11883	200+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AW - BEE                      WELL ID NO. : 72A21                      ELEVATION : 172                      TOTAL DEPTH : 4310  
 OPERATOR : FOREST OIL CORP.                      WELL : NO.1 MURPHY  
 LOCATION : NOT AVAILABLE                      SEC:                      TNSP :                      RNG :                      SUR : NOT AVAILABLE

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	172	172	0	0	172	SH,SD	
ZONE 2 (-0 TO -2000)	172	0	2172	- 2000	280	2000	SD,SH	
ZONE 3 (-2000 -4000)	2172	- 2000	4172	- 4000	160	2000	SH,SD	
ZONE 4 (-4000 -6000)	4172	- 4000	4310	- 4138	60+	138	SH,SD	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AW - BEE                      WELL ID NO. : 72B20                      ELEVATION : 102                      TOTAL DEPTH : 6176  
 OPERATOR : HUMBLE OIL + REF.                      WELL : NO.2 BARROW  
 LOCATION : 5323 FNEL SUR,7756NW RFUGSEC:                      TNSP :                      RNG :                      SUR : PAT DOWNEY SUR. A-20

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	102	102	0	0	102	SH,SD	
ZONE 2 (-0 TO -2000)	102	0	2102	- 2000	110	2000	SD,SH	
ZONE 3 (-2000 -4000)	2102	- 2000	4102	- 4000	910	2000	SD,SH	
ZONE 4 (-4000 -6000)	4102	- 4000	6102	- 6000	190	2000	SH,SD	
ZONE 5 (-6000 -8000)	6102	- 6000	6176	- 6074	10+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AY - BEXAR                      WELL ID NO. : 21A01                      ELEVATION : 830                      TOTAL DEPTH : 2105  
 OPERATOR : RENLEE OIL CORP.                      WELL : NO.1 ADOLPH THEIS  
 LOCATION : 660 FNWL, 5700 FNEL                      SEC:                      TNSP :                      RNG :                      SUR : LOUI KNEIPP NO.11

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
EDWARDS FM	0	830	500	330	----	500	LS, DOL	SUR
GLEN ROSE FM	500	330	1397	- 567	----	897	LS, DOL	ABV
PEARSALL FM	1397	- 567	1550	- 720	----	153	SH, LS	
SLIGO-HOSSTON FMS	1550	- 720	2065	- 1235	----	515	LS, SH, SD	
OUACHITA FACIES	2065	- 1235	2105	- 1275	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AY - BEXAR                      WELL ID NO. : 48A01                      ELEVATION : 598                      TOTAL DEPTH : 4297  
 OPERATOR : ANDERSON-PRICHARD OIL      WELL : NO.1 E.M. YTURRI  
 LOCATION : 467 FNL, 2100 FEL              SEC :                      TNSP :                      RNG :                      SUR : ADAM STAFFORD, 49, A-667

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
AUSTIN GP	1475	- 877	1550	- 952	-----	75	CHK, MRL	
EAGLE FORD GP	1550	- 952	1550	- 952	-----	0	SH, SHY LS	FLT
WASHITA GP	1550	- 952	1580	- 982	-----	30	LS, SH	FLT
EDWARDS FM	1580	- 982	2100	- 1502	-----	520	LS, DOL	
GLEN ROSE FM	2100	- 1502	3080	- 2482	-----	980	LS, DOL	EST
PEARSALL FM	3080	- 2482	3410	- 2812	-----	330	SH, LS	EST
SLIGO-HOSSTON FMS	3410	- 2812	4270	- 3672	-----	860	LS, SH, SD	
OUACHITA FACIES	4270	- 3672	4297	- 3699	-----			TD

REMARKS  
 300FT. F/O AT 1550



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AY - BEXAR                      WELL ID NO. : 48A02                      ELEVATION : 574                      TOTAL DEPTH : 4046  
 OPERATOR : THOMAS DRLG. CO.                      WELL : NO.1 GUS SCHWENN  
 LOCATION : 530 FNWL, 3100 FNEL                      SEC:                      TNSP :                      RNG :                      SUR : JOHN ISHAM, 27, A-365

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
AUSTIN GP	945	- 371	1137	- 563	----	192	CHK, MRL	
EAGLE FORD GP	1137	- 563	1162	- 588	----	25	SH, SHY LS	
WASHITA GP	1162	- 588	1300	- 726	----	138	LS, SH	
EDWARDS FM	1300	- 726	1860	- 1286	----	560	LS, DOL	
GLEN ROSE FM	1860	- 1286	2950	- 2376	----	1090	LS, DOL	EST
PEARSALL FM	2950	- 2376	3130	- 2556	----	180	SH, LS	
SLIGO-HOSSTON FMS	3130	- 2556	3960	- 3386	----	830	LS, SH, SD	
OUACHITA FACIES	3960	- 3386	4046	- 3472	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AY - BEXAR                      WELL ID NO. : 48B01                      ELEVATION : 541                      TOTAL DEPTH : 3109  
 OPERATOR : F.M. FRASHER ET AL                      WELL : NO.1 W.I. WHITT  
 LOCATION : 2000 FSEL, 12100 FSWL                      SEC:                      TNSP :                      RNG :                      SUR : FRANCISCO FARIAS, 15, A-2

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	541	983	- 442	190+	983		SUR
AUSTIN GP	2780	- 2239	2908	- 2367	----	128	CHK, MRL	
EAGLE FORD GP	2908	- 2367	2938	- 2397	----	30	SH, SHY LS	
WASHITA GP	2938	- 2397	3107	- 2566	----	169	LS, SH	
EDWARDS FM	3107	- 2566	3109	- 2568	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AY - BEXAR                      WELL ID NO. : 49A01                      ELEVATION : 735                      TOTAL DEPTH : 5140  
 OPERATOR : BUR-KAN PETR CO.                      WELL : NO.1 LEE HUBBARD  
 LOCATION : 1800 FWL, 660 FSL                      SEC:                      TNSP :                      RNG :                      SUR : WM. MILLER 180, A-523

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	735	580	155	40+	580	SD, SH	SUR
AUSTIN GP	1470	- 735	1670	- 935	----	200	CHK, MRL	
EAGLE FORD GP	1670	- 935	1700	- 965	----	30	SH, SHY LS	
WASHITA GP	1700	- 965	1878	- 1143	----	178	LS, SH	
EDWARDS FM	1878	- 1143	2450	- 1715	----	572	LS, DOL	
GLEN ROSE FM	2450	- 1715	3620	- 2885	----	1170	LS, DOL	
PEARSALL FM	3620	- 2885	3845	- 3110	----	225	SH, LS	
SLIGO-HOSSTON FMS	3845	- 3110	4945	- 4210	----	1100	LS, SH, SD	
OUACHITA FACIES	4945	- 4210	5140	- 4405	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AY - BEXAR                      WELL ID NO. : 49A02                      ELEVATION : 714                      TOTAL DEPTH : 7028  
 OPERATOR : H.A. PAGENKOPH                      WELL : NO.1 MAX BLUM  
 LOCATION :                      SEC :                      TNSP :                      RNG :                      SUR : M.F. RODRIGUEZ

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
AUSTIN GP	1014	- 300	1173	- 459	----	159	CHK, MRL	
EAGLE FORD GP	1173	- 459	1205	- 491	----	32	SH, SHY LS	
WASHITA GP	1205	- 491	1335	- 621	----	130	LS, SH	
EDWARDS FM	1335	- 621	1762	- 1048	----	427	LS, DOL	EST
GLEN ROSE FM	1762	- 1048	2815	- 2101	----	1053	LS, DOL	
PEARSALL FM	2815	- 2101	3044	- 2330	----	229	SH, LS	
SLIGO-HOSSTON FM	3044	- 2330	4580	- 3866	----	1536	LS, SH, SD	
PALEOZOIC	4580	- 3866	7028	- 6314	----		SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BH - BRAZORIA      WELL ID NO. : 10820      ELEVATION : 39      TOTAL DEPTH : 15727  
 OPERATOR : HUMBLE OIL + REF.CO.      WELL : NO.1 VIEMAN  
 LOCATION : 1320 FNWL, 5280 FR SWL      SEC:      TNSP :      RNG :      SUR : HENRY AUSTIN SUR.A-12

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	39	39	0	0	39	SH,SD	
ZONE 2 (-0 TO -2000)	39	0	2039	- 2000	440	2000	SD,SH	
ZONE 3 (-2000 -4000)	2039	- 2000	4039	- 4000	670	2000	SD,SH	
ZONE 4 (-4000 -6000)	4039	- 4000	6039	- 6000	840	2000	SD,SH	
ZONE 5 (-6000 -8000)	6039	- 6000	8039	- 8000	410	2000	SD,SH	
ZONE 6 (-8000 -10000)	8039	- 8000	10039	-10000	65	2000	SH,SD	
ZONE 7 (-10000-12000)	10039	-10000	12039	-12000	220	2000	SH,SD	
ZONE 8 (-12000-14000)	12039	-12000	14039	-14000	420	2000	SD,SH	
ZONE 9 (-14000-16000)	14039	-14000	15727	-15688	195+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BH - BRAZORIA      WELL ID NO. : 10B21      ELEVATION : 44      TOTAL DEPTH : 11350  
 OPERATOR : GREENBRIAR OIL CO.      WELL : NO.2 MUNSON  
 LOCATION : 865 FNL, 3117 FEL      SEC:      TNSP :      RNG :      SUR : SAMUEL CARTER, A-53

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	44	44	0	0	44	SH,SD	
ZONE 2 (-0 TO -2000)	44	0	2044	- 2000	200	2000	SD,SH	
ZONE 3 (-2000 -4000)	2044	- 2000	4044	- 4000	560	2000	SD,SH	
ZONE 4 (-4000 -6000)	4044	- 4000	6044	- 6000	730	2000	SD,SH	
ZONE 5 (-6000 -8000)	6044	- 6000	8044	- 8000	420	2000	SD,SH	
ZONE 6 (-8000 -10000)	8044	- 8000	10044	-10000	45	2000	SH,SD	
ZONE 7 (-10000-12000)	10044	-10000	11350	-11306	210+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BH - BRAZORIA      WELL ID NO. : 10C20      ELEVATION : 24      TOTAL DEPTH : 13385  
 OPERATOR : CONTINENTAL      WELL : NO.2 PERRY JR.  
 LOCATION : 8200 FEL, 500 FSL      SEC:      TNSP :      RNG :      SUR : STERLING MC NEEL SUR.A-94

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	24	24	0	0	24	SH,SD	
ZONE 2 (-0 TO -2000)	24	0	2024	- 2000	220	2000	SD,SH	
ZONE 3 (-2000 -4000)	2024	- 2000	4024	- 4000	590	2000	SD,SH	
ZONE 4 (-4000 -6000)	4024	- 4000	6024	- 6000	620	2000	SD,SH	
ZONE 5 (-6000 -8000)	6024	- 6000	8024	- 8000	45	2000	SH,SD	
ZONE 6 (-8000 -10000)	8024	- 8000	10024	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10024	-10000	12024	-12000	0	2000	SH	
ZONE 8 (-12000-14000)	12024	-12000	13385	-13361	0		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BH - BRAZORIA      WELL ID NO. : 10C21      ELEVATION : 13      TOTAL DEPTH : 4467  
 OPERATOR : FELDMAN      WELL : NO.1 BRYAN  
 LOCATION : 1850 E OF WL,1900NW OF NWSEC:      TNSP :      RNG :      SUR : C. AREOLA SUR A-142

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	13	13	0	0	13	SH,SD	
ZONE 2 (-0 TO -2000)	13	0	2013	- 2000	290	2000	SD,SH	
ZONE 3 (-2000 -4000)	2013	- 2000	4013	- 4000	420	2000	SD,SH	
ZONE 4 (-4000 -6000)	4013	- 4000	4467	- 4454	60+		SH	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BH - BRAZORIA WELL ID NO. : 11821 ELEVATION : 55 TOTAL DEPTH : 9212

OPERATOR : SCURLOCK /IL CO. WELL : NO.1 DEAN

LOCATION : 1780 FSWL, 1650 FNWL SEC: TNSP : RNG : SUR : ACH+B(J.M.O#DONNELL SUR26

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	55	55	0	0	55	SH,SD	
ZONE 2 (-0 TO -2000)	55	0	2055	- 2000	370	2000	SD,SH	
ZONE 3 (-2000 -4000)	2055	- 2000	4055	- 4000	550	2000	SD,SH	
ZONE 4 (-4000 -6000)	4055	- 4000	6055	- 6000	580	2000	SD,SH	
ZONE 5 (-6000 -8000)	6055	- 6000	8055	- 8000	510	2000	SD,SH	
ZONE 6 (-8000 -10000)	8055	- 8000	9212	- 9157	560+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BH - BRAZORIA      WELL ID NO. : 11C20      ELEVATION :    30      TOTAL DEPTH : 16500  
 OPERATOR : PHILLIPS PET. CO.      WELL : NO.1 STATE LEASE 51000  
 LOCATION : 660 FSL, 660 FEL      SEC:      TNSP :      RNG :      SUR : STATE TRACT NO.32

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	30	30	0	0	30	SH,SD	
ZONE 2 (-0 TO -2000)	30	0	2030	- 2000	110	2000	SD,SH	
ZONE 3 (-2000 -4000)	2030	- 2000	4030	- 4000	700	2000	SD,SH	
ZONE 4 (-4000 -6000)	4030	- 4000	6030	- 6000	860	2000	SD,SH	
ZONE 5 (-6000 -8000)	6030	- 6000	8030	- 8000	65	2000	SH,SD	
ZONE 6 (-8000 -10000)	8030	- 8000	10030	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10030	-10000	12030	-12000	20	2000	SH,SD	
ZONE 8 (-12000-14000)	12030	-12000	14030	-14000	15	2000	SH,SD	
ZONE 9 (-14000-16000)	14030	-14000	16030	-16000	20	2000	SH,SD	
ZONE10 (-16000-18000)	16030	-16000	16500	-16470	0		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BP - BROOKS                      WELL ID NO. : 85B20                      ELEVATION : 374                      TOTAL DEPTH : 6209  
 OPERATOR : N.B. HUNT                      WELL : NO.B-1 ALEXANDRE  
 LOCATION : 660 FN+WL OF LSE                      SEC:                      TNSP : 44                      RNG :                      SUR : MAGUEYES DE PALO BLANCO

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	374	374	0	0	374	SH,SD	
ZONE 2 (-0 TO -2000)	374	0	2374	- 2000	170	2000	SH,SD	
ZONE 3 (-2000 -4000)	2374	- 2000	4374	- 4000	360	2000	SH,SD	
ZONE 4 (-4000 -6000)	4374	- 4000	6209	- 5835	70		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BP - BROOKS                      WELL ID NO. : 85B21                      ELEVATION : 281                      TOTAL DEPTH : 9038  
 OPERATOR : MILLS BENNETT                      WELL : NO.17 FEE  
 LOCATION : GRT-258                      SEC:                      TNSP :                      RNG :                      SUR : PALO BLANCO C. REDONDO

FORMATION	DEPTH	<sup>TOP</sup> SUB-SEA	DEPTH	<sup>BASE</sup> SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	281	281	0	0	281	SH,SD	
ZONE 2 (-0 TO -2000)	281	0	2281	- 2000	90	2000	SH,SD	
ZONE 3 (-2000 -4000)	2281	- 2000	4281	- 4000	290	2000	SH,SD	
ZONE 4 (-4000 -6000)	4281	- 4000	6281	- 6000	300	2000	SH,SD	
ZONE 5 (-6000 -8000)	6281	- 6000	8281	- 8000	35	2000	SH,SD	
ZONE 6 (-8000 -10000)	8281	- 8000	9038	- 8757	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BP - BROOKS                      WELL ID NO. : 85822                      ELEVATION : 111                      TOTAL DEPTH : 9923  
 OPERATOR : ARKANSAS FUEL CO.                      WELL : NO.1 J.F. DAWSON  
 LOCATION : 660 FWL, 660 FSL OF TR.                      SEC:                      TNSP :                      RNG :                      SUR : A-178, SUR 154

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	111	111	0	0	111	SH,SD	
ZONE 2 (-0 TO -2000)	111	0	2111	- 2000	180	2000	SH,SD	
ZONE 3 (-2000 -4000)	2111	- 2000	4111	- 4000	280	2000	SH,SD	
ZONE 4 (-4000 -6000)	4111	- 4000	6111	- 6000	360	2000	SH,SD	
ZONE 5 (-6000 -8000)	6111	- 6000	8111	- 8000	440	2000	SH,SD	
ZONE 6 (-8000 -10000)	8111	- 8000	9923	- 9812	375		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BP - BROOKS      WELL ID NO. : 90A20      ELEVATION : 241      TOTAL DEPTH : 11600  
 OPERATOR : CONTINENTAL OIL CO.      WELL : NO.1 VENECIA  
 LOCATION : 330 FEL 1000 FNL OF TR 1-SEC:      TNSP :      RNG :      SUR : LA ENCANTADA GRANT A-97

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	241	241	0	0	241	SH,SD	
ZONE 2 (-0 TO -2000)	241	0	2241	- 2000	50	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2241	- 2000	4241	- 4000	300	2000	SH,SD	
ZONE 4 (-4000 -6000)	4241	- 4000	6241	- 6000	365	2000	SH,SD	
ZONE 5 (-6000 -8000)	6241	- 6000	8241	- 8000	240	2000	SH,SD	
ZONE 6 (-8000 -10000)	8241	- 8000	10241	-10000	100	2000	SH,SD	
ZONE 7 (-10000-12000)	10241	-10000	11600	-11359	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BP - BROOKS      WELL ID NO. : 90A21      ELEVATION : 75      TOTAL DEPTH : 12000  
 OPERATOR : HUMBLE OIL AND REF.      WELL : NO.2 KLEBERG TR.  
 LOCATION : 660 FSL, 1980 FWL      SEC:      TNSP : 77      RNG :      SUR : TM RR

FORMATION	DEPTH TOP	SUB-SEA	DEPTH BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	75	75	0	0	75	SH,SD	
ZONE 2 (-0 TO -2000)	75	0	2075	- 2000	50	2000	SH,SD	
ZONE 3 (-2000 -4000)	2075	- 2000	4075	- 4000	400	2000	SH,SD	
ZONE 4 (-4000 -6000)	4075	- 4000	6075	- 6000	270	2000	SH,SD	
ZONE 5 (-6000 -8000)	6075	- 6000	8075	- 8000	500	2000	SH,SD	
ZONE 6 (-8000 -10000)	8075	- 8000	10075	-10000	550	2000	SH,SD	
ZONE 7 (-10000-12000)	10075	-10000	12000	-11925	610		SH,SD	TD
ZONE 8 (-12000-14000)	12075	-12000	14075	-14000	150	2000	SH,SD	EST
ZONE 9 (-14000-16000)	14075	-14000	16075	-16000	40	2000	SH,SD	EST

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BU - CALDWELL      WELL ID NO. : 19B05      ELEVATION : 595      TOTAL DEPTH : 4439  
 OPERATOR : WOODWARD AND CO.      WELL : NO.1 P.S. KING  
 LOCATION : 330 FSEL, 2035 FNEL      SEC:      TNSP :      RNG :      SUR : S. CONNELL

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
AUSTIN GP	1492	- 897	1704	- 1109	----	212	CHK, MRL	
EAGLE FORD GP	1704	- 1109	1721	- 1126	----	17	SH, SHY LS	
WASHITA GP	1721	- 1126	1868	- 1273	----	147	LS, SH	
EDWARDS FM	1868	- 1273	2418	- 1823	----	550	LS, DOL	
GLEN ROSE FM	2418	- 1823	3320	- 2725	----	902	LS, DOL	
PEARSALL FM	3320	- 2725	3482	- 2887	----	162	SH, LS	
SLIGO-HOSSTON FMS	3482	- 2887	4430	- 3835	----	948	LS, SH, SD	
OUACHITA FACIES	4430	- 3835	4439	- 3844	----			TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BU - CALDWELL WELL ID NO. : 20A06 ELEVATION : 510 TOTAL DEPTH : 1831

OPERATOR : HEDELL AND JONES WELL : NO.1 SCHULLE

LOCATION : 2 MI. W. OF JOLIET FIELD SEC: TNSP : RNG : SUR :

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	0	510	165	345	----	165	SH	SUR
AUSTIN GP	1468	- 958	1630	- 1120	----	162	CHK	
EAGLE FORD GP	1630	- 1120	1654	- 1144	----	24	SH, SHY LS	
WASHITA GP	1654	- 1144	1805	- 1295	----	151	LS, SH	
EDWARDS FM	1805	- 1295	1831	- 1321	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BU - CALDWELL      WELL ID NO. : 20A07      ELEVATION : 393      TOTAL DEPTH : 6945  
 OPERATOR : UNITED PROD. CO.      WELL : NO.1 W.P. WALKER JR  
 LOCATION : 4620 FNEC, 1980 FNEL      SEC:      TNSP :      RNG :      SUR : SILAS FUQUA

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	393	1230	- 837	10*	1230	SD, SH	SUR
AUSTIN GP	3132	- 2739	3343	- 2950	----	211	CHK	
EAGLE FORD GP	3343	- 2950	3375	- 2982	----	32	SH, SHY LS	
WASHITA GP	3375	- 2982	3550	- 3157	----	175	LS, SH	
EDWARDS FM	3550	- 3157	4065	- 3672	----	515	LS, DOL	
GLEN ROSE FM	4065	- 3672	5265	- 4872	----	1200	LS, DOL	
PEARSALL FM	5265	- 4872	5550	- 5157	----	285	SH, LS	
SLIGO-HOSSION FMS	5550	- 5157	6868	- 6475	----	1318	LS, SD, SH	
QUACHITA FACIES	6868	- 6475	6945	- 6552	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BW - CALHOUN      WELL ID NO. : 8B20      ELEVATION : 37      TOTAL DEPTH : 9016  
 OPERATOR : SOUTHERN MINERALS COR      WELL : NO.1 TRAYLOR  
 LOCATION : 467 FNL SC, 19800 FEL      SEC:      TNSP :      RNG :      SUR : PHILLIP DIMMITT SUR. A-11

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	37	37	0	0	37	SH,SD	
ZONE 2 (-0 TO -2000)	34	3	2037	- 2000	320	2003	SD,SH	
ZONE 3 (-2000 -4000)	2037	- 2000	4037	- 4000	330	2000	SH,SD	
ZONE 4 (-4000 -6000)	4037	- 4000	6037	- 6000	230	2000	SH,SD	
ZONE 5 (-6000 -8000)	6037	- 6000	8037	- 8000	450	2000	SD,SH	
ZONE 6 (-8000 -10000)	8037	- 8000	9016	- 8979	100*		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BW - CALHOUN      WELL ID NO. : 70A20      ELEVATION : 23      TOTAL DEPTH : 8849  
 OPERATOR : ALCOA MINING CO.      WELL : NO.2 CLARK  
 LOCATION : 5000 SEL, 1320 NEL      SEC:      TNSP :      RNG :      SUR : THOS HENESSEE SUR.A-74

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	23	23	0	0	23	SH,SD	
ZONE 2 (-0 TO -2000)	23	0	2023	- 2000	40	2000	SH,SD	
ZONE 3 (-2000 -4000)	2023	- 2000	4023	- 4000	370	2000	SH,SD	
ZONE 4 (-4000 -6000)	4023	- 4000	6023	- 6000	285	2000	SH,SD	
ZONE 5 (-6000 -8000)	6023	- 6000	8023	- 8000	0	2000	SH	
ZONE 6 (-8000 -10000)	8023	- 8000	8849	- 8826	0		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BW - CALHOUN      WELL ID NO. : 70A21      ELEVATION : 35      TOTAL DEPTH : 8525  
 OPERATOR : MANGUM, ROYAL      WELL : NO.1 BADGER  
 LOCATION : 332 FSWL,330 FSEL OF80A,LSEC:      TNSP :      RNG :      SUR : MIGUEL CORTEZ SUR. A-9

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	35	35	0	0	35	SH,SD	
ZONE 2 (-0 TO -2000)	35	0	2035	- 2000	180	2000	SH,SD	
ZONE 3 (-2000 -4000)	2035	- 2000	4035	- 4000	280	2000	SH,SD	
ZONE 4 (-4000 -6000)	4035	- 4000	6035	- 6000	520	2000	SD,SH	
ZONE 5 (-6000 -8000)	6035	- 6000	8035	- 8000	425	2000	SD,SH	
ZONE 6 (-8000 -10000)	8035	- 8000	8525	- 8490	190+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BY - CAMERON      WELL ID NO. : 93B21      ELEVATION : 47      TOTAL DEPTH : 11015  
 OPERATOR : HOLMES DRLG. CO.      WELL : NO.1 THOMAS SWEENEY  
 LOCATION : 660 F.S.+WL OF LSE      SEC:      TNSP :      RNG :      SUR : ESPIRITU GRANT, BIK 49

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 3 (-2000 -4000)	2047	- 2000	4047	- 4000	140	2000	SH,SD EST	ABV
ZONE 4 (-4000 -6000)	4047	- 4000	6047	- 6000	440	2000	SH,SD EST	
ZONE 5 (-6000 -8000)	6047	- 6000	8047	- 8000	750	2000	SH,SD EST	
ZONE 6 (-8000 -10000)	8047	- 8000	10047	-10000	60	2000	SH,SD EST	
ZONE 7 (-10000-12000)	10047	-10000	11015	-10968	----		SH,SD EST	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BY - CAMERON      WELL ID NO. : 94B20      ELEVATION : 75      TOTAL DEPTH : 15500  
 OPERATOR : HYDROCARBON PROD. CO.      WELL : NO.1 BEVERS  
 LOCATION : 840 N + 330 W OF SE/4      SEC:      TNSP :      RNG :      SUR : CAMERON CO. DEVEL. SUBD.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	75	75	0	0	75	SH,SD	
ZONE 2 (-0 TO -2000)	75	0	2075	- 2000	120	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2075	- 2000	4075	- 4000	380	2000	SH,SD	
ZONE 4 (-4000 -6000)	4075	- 4000	6075	- 6000	390	2000	SH,SD	
ZONE 5 (-6000 -8000)	6075	- 6000	8075	- 8000	370	2000	SH,SD	
ZONE 6 (-8000 -10000)	8075	- 8000	10075	-10000	230	2000	SH,SD	
ZONE 7 (-10000-12000)	10075	-10000	12075	-12000	0	2000	SH,SD	
ZONE 8 (-12000-14000)	12075	-12000	14075	-14000	0	2000	SH,SD	
ZONE 9 (-14000-16000)	14075	-14000	15550	-15475	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : BY - CAMERON      WELL ID NO. : 94B21      ELEVATION : 51      TOTAL DEPTH : 10625  
 OPERATOR : SUPERIOR OIL CO.      WELL : NO.1 SAN BENITO  
 LOCATION : LOT 72 BLOCK 195      SEC:      TNSP :      RNG :      SUR : CONCEP. CARRICITOS GRANT

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	51	51	0	0	51	SH,SD	
ZONE 2 (-0 TO -2000)	51	0	2051	- 2000	240	2000	SH,SD	
ZONE 3 (-2000 -4000)	2051	- 2000	4051	- 4000	220	2000	SH,SD	
ZONE 4 (-4000 -6000)	4051	- 4000	6051	- 6000	280	2000	SH,SD	
ZONE 5 (-6000 -8000)	6051	- 6000	8051	- 8000	150	2000	SH,SD	
ZONE 6 (-8000 -10000)	8051	- 8000	10051	-10000	240	2000	SH,SD	
ZONE 7 (-10000-12000)	10051	-10000	10625	-10574	----		SH,SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DM - CHAMBERS      WELL ID NO. : 12820      ELEVATION : 30      TOTAL DEPTH : 9300  
 OPERATOR : DELLWOOD OIL CO.      WELL : NO.1 MIDDLETON  
 LOCATION : 660 FEL, 2400 FNL      SEC:      TNSP :      RNG :      SUR : H+TC RR CO. SUR. A-128

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	30	30	0	0	30	SH,SD	
ZONE 2 (-0 TO -2000)	30	0	2030	- 2000	270	2000	SD,SH	
ZONE 3 (-2000 -4000)	2030	- 2000	4030	- 4000	965	2000	SD,SH	
ZONE 4 (-4000 -6000)	4030	- 4000	6030	- 6000	750	2000	SD,SH	
ZONE 5 (-6000 -8000)	6030	- 6000	8030	- 8000	370	2000	SH,SD	
ZONE 6 (-8000 -10000)	8030	- 8000	9300	- 9270	220+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DM - CHAMBERS      WELL ID NO. : 12B21      ELEVATION : 21      TOTAL DEPTH : 9350  
 OPERATOR : HUMBLE      WELL : NO.C-50 GALVESTON BAY STAT  
 LOCATION : 1980FNWL,1320FNEL,330FSWLSEC:      TNSP :      RNG :      SUR : GALVESTON BAY SUR. SEC.4C

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	21	21	0	0	21	SH,SD	
ZONE 2 (-0 TO -2000)	21	0	2021	- 2000	330	2000	SD,SH	
ZONE 3 (-2000 -4000)	2021	- 2000	4021	- 4000	680	2000	SD,SH	
ZONE 4 (-4000 -6000)	4021	- 4000	6021	- 6000	720	2000	SD,SH	
ZONE 5 (-6000 -8000)	6021	- 6000	8021	- 8000	400	2000	SD,SH	
ZONE 6 (-8000 -10000)	8021	- 8000	9350	- 9329	110+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DW - COLORADO      WELL ID NO. : 1A20      ELEVATION : 379      TOTAL DEPTH : 10015  
 OPERATOR : SCURLOCK OIL CO.      WELL : NO.1 BRUNE  
 LOCATION : 3750 FSL. 500 FWL      SEC:      TNSP :      RNG :      SUR : JOS. THOMPSON SUR. A-42

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	379	379	0	0	379	SH,SD	
ZONE 2 (-0 TO -2000)	379	0	2379	- 2000	60	2000	SH,SD	
ZONE 3 (-2000 -4000)	2379	- 2000	4379	- 4000	230	2000	SH,SD	
ZONE 4 (-4000 -6000)	4379	- 4000	6357	- 5978	25	1978	SH,SD	
CARRIZO-WILCOX SD	6357	- 5978	10015	- 9636	1620+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DW - COLORADO      WELL ID NO. : 2A20      ELEVATION : 208      TOTAL DEPTH : 10500  
 OPERATOR : ROBERT MOSBACHER      WELL : NO.1 SCHULENBURG  
 LOCATION : 10100 FSL, 5900 FWL      SEC:      TNSP :      RNG :      SUR : W.B. DEWEES 1/2 LGE-A-18

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	208	208	0	0	208	SH,SD	
ZONE 2 (-0 TO -2000)	208	0	2208	- 2000	20	2000	SH,SD	
ZONE 3 (-2000 -4000)	2208	- 2000	4208	- 4000	220	2000	SH,SD	
ZONE 4 (-4000 -6000)	4208	- 4000	6208	- 6000	350	2000	SH,SD	
ZONE 5 (-6000 -8000)	6208	- 6000	6740	- 6532	0	532	SH	
CARRIZO-WILCOX SD	6740	- 6532	10450	-10242	1890	3710	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DM - COLORADO      WELL ID NO. : 2820      ELEVATION : 220      TOTAL DEPTH : 9215  
 OPERATOR : SHELL      WELL : NO.5 HOPKINS  
 LOCATION : 1950 FWL, 1000 FSL      SFC:      TNSP :      RNG :      SUR : WM. SEIVERS SUR. A-523

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0		220	220	0	0	220	SH,SD	
ZONE 2 (-0 TO -2000)	220		0	2220	- 2000	10	2000	SH,SD	
ZONE 3 (-2000 -4000)	2220		- 2000	4220	- 4000	300	2000	SH,SD	
ZONE 4 (-4000 -6000)	4220		- 4000	6220	- 6000	170	2000	SH,SD	
ZONE 5 (-6000 -8000)	6220		- 6000	7970	- 7750	0	1750	SH	
CARRIZO-WILCOX SD	7970		- 7750	9215	- 8995	355+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DW - COLORADO      WELL ID NO. : 2821      ELEVATION : 165      TOTAL DEPTH : 10700  
 OPERATOR : BRAZOS OIL + GAS      WELL : NO.1 GRACEY  
 LOCATION : 330 FNWL, 2605 FSWL LSE      SEC:      TNSP :      RNG :      SUR : JAMES NELSON SUR. A-35

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	165	165	0	0	165	SH,SD	
ZONE 2 (-0 TO -2000)	165	0	2165	- 2000	25	2000	SD,SH	
ZONE 3 (-2000 -4000)	2165	- 2000	4165	- 4000	155	2000	SH,SD	
ZONE 4 (-4000 -6000)	4165	- 4000	6165	- 6000	135	2000	SH,SD	
ZONE 5 (-6000 -8000)	6165	- 6000	8165	- 8000	115	2000	SH,SD	
ZONE 6 (-8000 -10000)	8165	- 8000	9825	- 9660	0	1660	SH	
CARRIZO-WILCOX SD	9825	- 9660	10700	-10535	300+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : DW - COLORADO      WELL ID NO. : 2B22      ELEVATION : 216      TOTAL DEPTH : 9650  
 OPERATOR : HUMBLE OIL & REF. CO.      WELL : NO.1 BIRDWELL  
 LOCATION : 4550 FSEL, 6850 FNEL      SEC:      TNSP :      RNG :      SUR : P.K.BARTLESON SUR. A-84

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	216	216	0	0	216	SH,SD	
ZONE 2 (-0 TO -2000)	216	0	2216	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2216	- 2000	4216	- 4000	390	2000	SH,SD	
ZONE 4 (-4000 -6000)	4216	- 4000	6216	- 6000	230	2000	SH,SD	
ZONE 5 (-6000 -8000)	6216	- 6000	8215	- 7999	0	1999	SH	
CARRIZO-WILCOX SD	8215	- 7999	9650	- 9434	470+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HX - DEWITT      WELL ID NO. : 46B01      ELEVATION : 401      TOTAL DEPTH : 18000  
 OPERATOR : SHELL OIL CO.      WELL : NO. CORA BROWN  
 LOCATION : 3253 FNNEL, 3650 FSSEL      SEC:      TNSP :      RNG :      SUR : BENJ, HAROL A-219

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	401	401	0	0	401	SH,SD	
ZONE 2 (-0 TO -2000)	401	0	2401	- 2000	155	2000	SH,SD	
ZONE 3 (-2000 -4000)	2401	- 2000	4401	- 4000	270	2000	SH,SD	
ZONE 4 (-4000 -6000)	4401	- 4000	6071	- 5670	0	1670	SH	
CARRIZO-WILCOX SD	6071	- 5670	9650	- 9249	1200	3579	SD, SH	
AUSTIN GP	13200	-12799	13360	-12959	----	160	CHK, MRL	
EAGLE FORD GP	13360	-12959	13440	-13039	----	80	SH, SHY LS	FLT
WASHITA GP	13440	-13039	13615	-13214	----	175	LS, SH	EST
EDWARDS FM	13615	-13214	14440	-14039	----	825	LS, DOL	
GLEN ROSE FM	14440	-14039	15655	-15254	----	1215	LS, DOL	EST
PEARSALL FM	15655	-15254	15857	-15456	----	202	SH, LS	
SLIGO-HOSSTON FMS	15857	-15456	18000	-17599	----		LS, SH	TD

REMARKS  
 340 FT. F/O AT 13360



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : MX - DEWITT                      WELL ID NO. : 46B20                      ELEVATION : 240                      TOTAL DEPTH : 12525  
 OPERATOR : ARGO OIL CO.                      WELL : NO.1 GRANBERRY  
 LOCATION : 467 FNE, 467 FSE                      SEC:                      TNSP :                      RNG :                      SUR : MICHAEL DEVINE SUR. A-161

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	240	240	0	0	240	SH,SD	
ZONE 2 (-0 TO -2000)	240	0	2240	- 2000	20	2000	SH,SD	
ZONE 3 (-2000 -4000)	2240	- 2000	4240	- 4000	270	2000	SH,SD	
ZONE 4 (-4000 -6000)	4240	- 4000	6240	- 6000	40	2000	SH,SD	
ZONE 5 (-6000 -8000)	6240	- 6000	7490	- 7250	0	1250	SH	
CARRIZO-WILCOX SD	7490	- 7250	12525	-12285	1130+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HX - DEWITT                      WELL ID NO. : 46B21                      ELEVATION : 298                      TOTAL DEPTH : 8015  
 OPERATOR : LAMAR HUNT                      WELL : NO.1 ROTH CAMP  
 LOCATION : 660 FEL, 636 FSL                      SEC :                      TNSP :                      RNG :                      SUR : K.W. BARTON SUR. 73AC.LSE

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	298	298	0	0	298	SH,SD	
ZONE 2 (-0 TO -2000)	298	0	2298	- 2000	170	2000	SH,SD	
ZONE 3 (-2000 -4000)	2298	- 2000	4298	- 4000	315	2000	SH,SD	
ZONE 4 (-4000 -6000)	4298	- 4000	5843	- 5545	0	1545	SH	
CARRIZO-WILCOX SD	5843	- 5545	8015	- 7717	650+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HX - DEWITT      WELL ID NO. : 65A04      ELEVATION : 395      TOTAL DEPTH : 14547  
 OPERATOR : TEXAS EASTERN TRANS.      WELL : NO.2 VOELKEL  
 LOCATION : 660 FNM, 660 FSW OF 639LSSEC:      TNSP :      RNG :      SUR : ROBERT GALLETTY SUR.A-195

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	395	395	0	0	395	SH,SD	
ZONE 2 (-0 TO -2000)	395	0	2395	- 2000	80	2000	SH,SD	
ZONE 3 (-2000 -4000)	2395	- 2000	4395	- 4000	310	2000	SH,SD	
ZONE 4 (-4000 -6000)	4395	- 4000	6395	- 6000	5	2000	SH,SD	
ZONE 5 (-6000 -8000)	6395	- 6000	6320	- 5925	0	75		
CARRIZO-WILCOX SD	6320	- 5925	9770	- 9375	820	3450	SD, SH	
AUSTIN GP	13250	-12855	13545	-13150	----	295	CHK, MRL	
EAGLE FORD GP	13545	-13150	13810	-13415	----	265	SH, SHY LS	
WASHITA GP	13810	-13415	13870	-13475	----	60	LS, SH	
EDWARDS-GLEN ROSE FMS	13870	-13475	14547	-14152	----		LS, DOL	TD

- 62 -

REMARKS  
 150 FT. F/O AT 12510

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : MX - DEWITT                      WELL ID NO. : 66A21                      ELEVATION : 232                      TOTAL DEPTH : 12510  
 OPERATOR : TEXACO INC.                      WELL : NO.1 ANGERSTEIN  
 LOCATION : 1580 FNEL, 1860 FSEL                      SEC:                      TNSP :                      RNG :                      SUR : JAMES DUFF SUR. A-153

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	232	232	0	0	232	SH,SD	
ZONE 2 (-0 TO -2000)	232	0	2232	- 2000	200	2000	SH,SD	
ZONE 3 (-2000 -4000)	2232	- 2000	4232	- 4000	220	2000	SH,SD	
ZONE 4 (-4000 -6000)	4232	- 4000	6232	- 6000	0	2000	SH	
ZONE 5 (-6000 -8000)	6232	- 6000	7775	- 7543	0	1543	SH	
CARRIZO-WILCOX SD	7775	- 7543	12510	-12278	330+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HZ - DIMMIT                      WELL ID NO. : M2                      ELEVATION : 744                      TOTAL DEPTH : 8265  
 OPERATOR : SHAMROCK OIL AND GAS                      WELL : NO.2 H.A. FITZSIMMONS  
 LOCATION : 2750 FNEL                      SEC:                      TNSP :                      RNG :                      SUR : F. LOMBRANO, A-1360

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	744	980	- 236	130+	980	SD, SH	SUR
ESCONDIDO SD	1560	- 816	1905	- 1161	45	345	SD, SH	
OLMOS SD	2440	- 1696	3230	- 2486	105	790	SD, SH	
AUSTIN GP	4830	- 4086	5465	- 4721	----	635	CHK, MRL	
EAGLE FORD GP	5465	- 4721	5987	- 5243	----	522	SH, LS	
WASHITA GP	5987	- 5243	6580	- 5836	----	593	LS, SH	
EDWARDS FM	6580	- 5836	7670	- 6926	----	1090	LS, SH	EQV
GLEN ROSE FM	7670	- 6926	8265	- 7521	----		LS	TD

REMARKS  
 TOP OF GLEN ROSE IS ESTIMATED.

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HZ - DIMMIT                      WELL ID NO. : 61801                      ELEVATION : 658                      TOTAL DEPTH : 7278  
 OPERATOR : WALTON AND LYLES                      WELL : NO.1 FROST  
 LOCATION : 4571 FNEL, 467 FSEL                      SEC:                      TNSP :                      RNG :                      SUR : JOHN SHARP A-666

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	0	658	850	- 192	50+	850	SD, SH	SUR
ESCONDIDO SD	1380	- 722	1670	- 1012	45	290	SD, SH	
OLMOS SD	2227	- 1569	2750	- 2092	80	523	SD, SH	
AUSTIN GP	4300	- 3642	5090	- 4432	----	790	CHK, MRL	
EAGLE FORD GP	5090	- 4432	5492	- 4834	----	402	SH, SHY LS	
WASHITA GP	5492	- 4834	6265	- 5607	----	773	LS, SH	
EDWARDS FM	6265	- 5607	7278	- 6620	----		LS, DOL	TD

REMARKS  
 TOP OF EDWARDS IS AN EQUIVALENT POINT.

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HZ - DIMMIT      WELL ID NO. : 61802      ELEVATION : 533      TOTAL DEPTH : 8517  
 OPERATOR : DEEP ROCK OIL CORP.      WELL : NO.1 C.W. BARKER  
 LOCATION : 2025 FNL, 667 FWL      SEC: 440      TNSP :      RNG :      SUR : I. AND G.N., A-189

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	975	- 442	2650	- 2117	220	1675	SD, SH	
ESCONDIDO SAND	2944	- 2411	3385	- 2852	40	441	SD, SH	
OLMOS SD	4270	- 3737	4540	- 4007	45	270	SD, SH	
AUSTIN GP	5110	- 4577	6610	- 6077	-----	1500	CHK	
EAGLE FORD GP	6610	- 6077	7000	- 6467	-----	390	LS, SH	
WASHITA GP	7000	- 6467	7530	- 6997	-----	530	LS, SH	
EDWARDS FM	7530	- 6997	8517	- 7984	-----		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HZ - DIMMIT      WELL ID NO. : 76A01      ELEVATION : 540      TOTAL DEPTH : 8638  
 OPERATOR : BOWMAN CATTLE CO,ETAL      WELL : NO.1 RICHARDSON  
 LOCATION : 1650 FNEL, 2310 FNWL      SEC:      TNSP :      RNG :      SUR : H. AND G.N. R.R., 5, A129

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
CARRIZO-WILCOX SD	400	140	1840	- 1300	300*	1440	SD, SH	ABV
ESCONDIDO SD	2145	- 1605	2625	- 2086	45	481	SH, SD	
OLMOS SD	3270	- 2730	3785	- 3245	70	515	SH, SD	
AUSTIN GP	5350	- 4810	5945	- 5405	----	595	CHK, MRL	
EAGLE FORD GP	5945	- 5405	6436	- 5896	----	491	SH, SHY LS	
WASHITA GP	6436	- 5896	7060	- 6520	----	624	LS, SH	
EDWARDS FM	7060	- 6520	8638	- 8098	----		LS, DOL	TD

REMARKS  
 TOP OF EDWARDS IS AN EQUIVALENT POINT.



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HZ - DIMMIT      WELL ID NO. : 76A02      ELEVATION : 479      TOTAL DEPTH : 9018  
 OPERATOR : STRINGER AND PETR INC      WELL : NO.1 O.A., TAYLOR ETAL  
 LOCATION : 5406 FSEL, 15161 FSWL      SEC:      TNSP :      RNG :      SUR : GLAS REYES A-4

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	913	- 434	2730	- 2251	445	1817	SD, SH	
ESCONDIDO SD	3055	- 2576	3500	- 3021	75	445	SD, SH	
OLMOS SD	4430	- 3951	4750	- 4271	20	320	SD, SH	
AUSTIN GP	6365	- 5886	6845	- 6366	----	480	CHK, MRL	
EAGLE FORD GP	6845	- 6366	7130	- 6651	----	285	SH, SHY LS	
WASHITA GP	7130	- 6651	7675	- 7196	----	545	LS, SH	
EDWARDS FM	7675	- 7196	8520	- 8041	----	845	LS, DOL	
GLEN ROSE FM	8520	- 8041	9018	- 8539	----		LS, DOL	TO

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HZ - DIMMIT                      WELL ID NO. : 76A03                      ELEVATION : 708                      TOTAL DEPTH : 10067  
 OPERATOR : WESTERN NATL GAS CO                      WELL : NO.1 DOLPH BRISCOE  
 LOCATION : 330 FNEL, 330 FSEL OF LOTSEC:                      TNSP : 200                      RNG :                      SUR : CATARINA FARMS SUBD L

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	1115	- 407	2900	- 2192	0	1785	SD, SH	
ESCONDIDO SD	3240	- 2532	3630	- 2922	20	390	SD, SH	
OLMOS SD	4750	- 4042	5250	- 4542	32	500	SD, SH	
AUSTIN GP	6980	- 6272	7560	- 6852	-----	580	CHK, MRL	
EAGLE FORD GP	7560	- 6852	7963	- 7255	-----	403	SH, SHY LS	
WASHITA GP	7963	- 7255	8645	- 7937	-----	682	LS, SH	
EDWARDS-GLEN ROSE FMS	8645	- 7937	10067	- 9359	-----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HZ - DIMMIT                      WELL ID NO. : 76A04                      ELEVATION : 845                      TOTAL DEPTH : 13013  
 OPERATOR : WESTERN NATL GAS CO                      WELL : NO.1 DILLON  
 LOCATION : 660 FSEL, 660 FNEL OF LOTSEC:                      TNSP : 35                      RNG :                      SUR : CATARINA FARMS SUBD. C

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
AUSTIN GP	6752	- 5907	7200	- 6355	----	448	CHK, MRL	
EAGLE FORD GP	7200	- 6355	7595	- 6750	----	395	SH, SHY LS	
WASHITA GP	7595	- 6750	8175	- 7330	----	580	LS, SH	
EDWARDS-GLEN ROSE FMS	8175	- 7330	11100	-10255	----	2925	LS, DOL	
PEARSALL FM	11100	-10255	11770	-10925	----	670	SH, LS	
SLIGO-HOSSTON FMS	11770	-10925	13013	-12168	----		LS, SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JB - DUVAL                      WELL ID NO. : 79A20                      ELEVATION : 468                      TOTAL DEPTH : 8510  
 OPERATOR : FAIR AND WOODWARD                      WELL : NO.1-364 LUNDELL  
 LOCATION : 1320 FNL, 1320 FEL                      SEC:                      TNSP :                      RNG :                      SUR : A-1962, SUR. 364

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	468	468	0	0	468	SH,SD	
ZONE 2 (-0 TO -2000)	468	0	2468	- 2000	110	2000	SH,SD	
ZONE 3 (-2000 -4000)	2468	- 2000	4468	- 4000	170	2000	SH,SD	
ZONE 4 (-4000 -6000)	4468	- 4000	6468	- 6000	190	2000	SH,SD	
ZONE 5 (-6000 -8000)	6468	- 6000	8015	- 7547	90	1547	SH,SD	
WILCOX OR CARRIZO-WCX	8015	- 7547	8510	- 8042	-----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JB - DUVAL                      WELL ID NO. : 79820                      ELEVATION : 765                      TOTAL DEPTH : 9570  
 OPERATOR : EL PASO NATURAL GAS                      WELL : NO.1 W.R. PETERS  
 LOCATION : 660 FSL, 1700 FWL OF LSE SEC:                      TNSP :                      RNG :                      SUR : A-722, SUR.37 GB+CN RR

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 2 (-0 TO -2000)	765	0	2765	- 2000	130	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2765	- 2000	4765	- 4000	510	2000	SH,SD	
ZONE 4 (-4000 -6000)	4765	- 4000	6765	- 6000	160	2000	SH,SD	
ZONE 5 (-6000 -8000)	6765	- 6000	8765	- 8000	0	2000	SH,SD	
ZONE 6 (-8000 -10000)	8765	- 8000	9570	- 8805	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JB - DUVAL                      WELL ID NO. : 80A20                      ELEVATION : 622                      TOTAL DEPTH : 14002  
 OPERATOR : STANOLIND OIL AND GAS      WELL : NO.1-D FARMERS LIFE INS.  
 LOCATION : 660 FSL, 660 FWL              SEC:                      TNSP :                      RNG :                      SUR : A-1092, ROSA GRAY 556

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	622	622	0	0	622	SH,SD	
ZONE 2 (-0 TO -2000)	622	0	2622	- 2000	220	2000	SH,SD	
ZONE 3 (-2000 -4000)	2622	- 2000	4622	- 4000	720	2000	SH,SD	
ZONE 4 (-4000 -6000)	4622	- 4000	6622	- 6000	130	2000	SH,SD	
ZONE 5 (-6000 -8000)	6622	- 6000	8622	- 8000	135	2000	SH,SD	
ZONE 6 (-8000 -10000)	8622	- 8000	10622	-10000	150	2000	SH,SD	
ZONE 7 (-10000-12000)	10622	-10000	12622	-12000	50	2000	SH,SD	
ZONE 8 (-12000-14000)	12622	-12000	14002	-13380	0		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

COPE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JB - DUVAL                      WELL ID NO. : 80821                      ELEVATION : 472                      TOTAL DEPTH : 7200

OPERATOR : ALCOA                                      WELL : NO.1 DONACIAO GUERRA

LOCATION : 467 FSL, 467 FEL                      SEC:                      TNSP :                      RNG :                      SUR : A-1731 D. GUERRA

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	472	472	0	0	472	SH,SD	
ZONE 2 (-0 TO -2000)	472	0	2472	- 2000	20	2000	SH,SD	
ZONE 3 (-2000 -4000)	2472	- 2000	4472	- 4000	125	2000	SH,SD	
ZONE 4 (-4000 -6000)	4472	- 4000	6472	- 6000	280	2000	SH,SD	
ZONE 5 (-6000 -8000)	6472	- 6000	7200	- 6720	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JB - DUVAL                      WELL ID NO. : 85A20                      ELEVATION : 327                      TOTAL DEPTH : 7523  
 OPERATOR : MORGAN MINERALS ET AL      WELL : NO.1 PARR-MOFFETT  
 LOCATION : 660 FNWL+ SC. 12              SEC:                      TNSP :                      RNG :                      SUR : LA HUERTA GRT, A-227

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	327	327	0	0	327	SH,SD	
ZONE 2 (-0 TO -2000)	327	0	2327	- 2000	60	2000	SH,SD	
ZONE 3 (-2000 -4000)	2327	- 2000	4327	- 4000	240	2000	SH,SD	
ZONE 4 (-4000 -6000)	4327	- 4000	6327	- 6000	210	2000	SH,SD	
ZONE 5 (-6000 -8000)	6327	- 6000	7523	- 7196	----		SH,SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JB - DUVAL                      WELL ID NO. : 86A21                      ELEVATION : 465                      TOTAL DEPTH : 6550  
 OPERATOR : ARGO OIL CORP.                      WELL : NO.1-B DENMAN  
 LOCATION : SEC.14 TR.2 REAL1705 SBDVSEC:                      TNSP :                      RNG :                      SUR : COPITA FARM-GARDEN TRS.

FORMATION	DEPTH	TOP		DEPTH	BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		DEPTH	SUB-SEA		DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0		465	465		0	0	465	SH,SD	
ZONE 2 (-0 TO -2000)	465		0	2465		- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2465		- 2000	4465		- 4000	70	2000	SH,SD	
ZONE 4 (-4000 -6000)	4465		- 4000	6465		- 6000	200	2000	SH,SD	
ZONE 5 (-6000 -8000)	6465		- 6000	6550		- 6085	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JT - FAYETTE      WELL ID NO. : 15802      ELEVATION : 565      TOTAL DEPTH : 12075

OPERATOR : SOHIO PETR CO.      WELL : NO.1 M.C. BRISCOE ETAL

LOCATION : 4600 FNEL, 7800 FSEL      SEC:      TNSP :      RNG :      SUR : J.R. PHILLIPS

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	3445	- 2880	7680	- 7115	1770	4235	SD, SH		
AUSTIN GP	10410	- 9845	11180	-10615	----	770	CHK, MRL		
EAGLE FORD GP	11180	-10615	11270	-10705	----	90	SH, SHY LS		
WASHITA GP	11270	-10705	11610	-11045	----	340	LS, SH		
EDWARDS FM	11610	-11045	12075	-11510	----		LS, DOL		TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JT - FAYETTE      WELL ID NO. : 15C01      ELEVATION : 445      TOTAL DEPTH : 12951

OPERATOR : MOUND CO.      WELL : NO.1 DIERINGER

LOCATION : 1495 FNL, 10600 FEL      SEC:      TNSP :      RNG :      SUR : RICHARD SMITH A-95

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	3867	-	3422	7960	- 7515	1760	4093	SD, SH	
AUSTIN GP	10750	-	10305	11482	-11037	----	732	CHK, MRL	
EAGLE FORD GP	11482	-	11037	11570	-11125	----	88	SH, SHY LS	
WASHITA GP	11570	-	11125	11780	-11335	----	210	LS, SH	
EDWARDS FM	11780	-	11335	12400	-11955	----	620	LS, DOL	
GREEN ROSE FM	12400	-	11955	12951	-12506	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JT - FAYETTE      WELL ID NO. : 15C02      ELEVATION : 414      TOTAL DEPTH : 11738  
 OPERATOR : GRAY OIL CO.      WELL : NO.1 WIETING  
 LOCATION : 2050 FSEL, 4500 FNEL      SEC:      TNSP :      RNG :      SUR : FAYETTE CO. SCHOOL LAND

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	3280	- 2866	7270	- 6856	1400	3990	SD, SH	
AUSTIN GP	10150	- 9736	10895	-10481	----	745	CHK, MRL	
EAGLE FORD GP	10895	-10481	10992	-10578	----	97	SH, SHY LS	
WASHITA GP	10992	-10578	11200	-10786	----	208	LS, SH	
EDWARDS FM	11200	-10786	11738	-11324	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JT - FAYETTE      WELL ID NO. : 15C21      ELEVATION : 482      TOTAL DEPTH : 7497  
 OPERATOR : BLUEBIRD      WELL : NO.1 SCHLOTTMAN  
 LOCATION : 660 FNEL, 660 FSEL      SEC:      TNSP :      RNG :      SUR : W.J.RUSSELL SUR. A-89

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	482	482	0	0	482	SH,SD	
ZONE 2 (-0 TO -2000)	482	0	2482	- 2000	0	2000	SN-SH	
ZONE 3 (-2000 -4000)	2482	- 2000	3785	- 3303	170	1303	SD,SH	
CARRIZO-WILCOX SD	3785	- 3303	7497	- 7015	2460+		SD.SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JT - FAYETTE      WELL ID NO. : 20A03      ELEVATION : 551      TOTAL DEPTH : 12382  
 OPERATOR : BURROW, SUNRAY, STAPP      WELL : NO.1 LOUISE WFMMEYER  
 LOCATION : 2800 FNL, 5750 FWL      SEC:      TNSP :      RNG :      SUR : G.W. COTTLE A-35

FORMATION	DEPTH	<sup>TOP</sup> SUB-SEA	DEPTH	<sup>BASE</sup> SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	3415	- 2864	7450	- 6899	1400	4035	SD, SH	
AUSTIN GP	10045	- 9494	10737	-10186	----	692	CHK, MRL	
EAGLE FORD GP	10737	-10186	10830	-10279	----	93	SH, SHY LS	
WASHITA GP	10830	-10279	11100	-10549	----	270	LS, SH	
EDWARDS FM	11100	-10549	11638	-11087	----	538	LS, DOL	
GLEN ROSE FM	11638	-11087	12382	-11831	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JT - FAYETTE      WELL ID NO. : 20A20      ELEVATION : 551      TOTAL DEPTH : 12382  
 OPERATOR : BURROW,SUNRAY,STAPP      WELL : NO.1 WEHMEYER ETAL.  
 LOCATION : 2800 FNL,5750 FWL      SEC:      TNSP :      RNG :      SUR : G.W. COTTLE SUR. A-35

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	551	551	0	0	551	SH,SD	
ZONE 2 (-0 TO -2000)	551	0	2551	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2551	- 2000	3415	- 2864	0	864	SD,SH	
CARRIZO-WILCOX SD	3415	- 2864	7440	- 6889	1630	4025	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JT - FAYETTE      WELL ID NO. : 20A21      ELEVATION : 470      TOTAL DEPTH : 11691  
 OPERATOR : HAZEL + BURROW      WELL : NO.1 EHLER  
 LOCATION : 700 FNL, 2500 FWL      SEC:      TNSP :      RNG :      SUR : M. MULDOON SUR, A-75

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	470	470	0	0	470	SH,SD	
ZONE 2 (-0 TO -2000)	470	0	2470	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2470	- 2000	3525	- 3055	0	1055	SD,SH	
CARRIZO-WILCOX SD	3525	- 3055	7730	- 7260	2210	4205	SD,SH	



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JT - FAYETTE      WELL ID NO. : 20A23      ELEVATION : 395      TOTAL DEPTH : 7079  
 OPERATOR : H.M. MILLER      WELL : NO.1 HULL,  
 LOCATION : 1375 FSL, 330 FWL      SEC:      TNSP :      RNG :      SUR : E.Y. KEAN SUR. A-221

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	395	395	0	0	395	SH,SD	
ZONE 2 (-0 TO -2000)	395	0	2395	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2395	- 2000	2985	- 2590	0	590	SD,SH	
CARRIZO-WILCOX SD	2985	- 2590	6970	- 6575	1460	3985	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JY - FORT BEND      WELL ID NO. : 3C21      ELEVATION : 115      TOTAL DEPTH : 8111  
 OPERATOR : BREGMAN + MINCHEN      WELL : NO.1 VERA MCCRARY ETAL  
 LOCATION : 3100 FSL, 1500 FEL      SEC:      TNSP :      RNG :      SUR : JOE MC CRARY SUR. A-403

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	115	115	0	0	115	SH,SD	
ZONE 2 (-0 TO -2000)	115	0	2115	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2115	- 2000	4115	- 4000	310	2000	SH,SD	
ZONE 4 (-4000 -6000)	6115	- 4000	6115	- 6000	380	2000	SH,SD	
ZONE 5 (-6000 -8000)	6115	- 6000	8111	- 7996	60		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JY - FT. BEND      WELL ID NO. : 10A20      ELEVATION : 70      TOTAL DEPTH : 9027  
 OPERATOR : HUMBLE OIL + REF.CO.      WELL : NO.48-A LOCKWOOD + SHARP  
 LOCATION : 3000 EWL, 1600 FNL      SEC:      TNSP :      RNG :      SUR : JOHN RABB SUR. A-73

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	70	70	0	0	70	SH,SD	
ZONE 2 (-0 TO -2000)	70	0	2070	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2070	- 2000	4070	- 4000	50	2000	SH,SD	
ZONE 4 (-4000 -6000)	4070	- 4000	6070	- 6000	390	2000	SD,SH	
ZONE 5 (-6000 -8000)	6070	- 6000	8070	- 8000	460	2000	SD,SH	
ZONE 6 (-8000 -10000)	8070	- 8000	9027	- 8957	10*		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JY - FT. BEND      WELL ID NO. : 10A21      ELEVATION : 103      TOTAL DEPTH : 6344  
 OPERATOR : CAIN DRLG.      WELL : NO.1 PASTEKA  
 LOCATION : 660 FNEL, 833 FSEL OF W/2SEC:      TNSP :      RNG :      SUR : H + TC NO.72

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	103	103	0	0	103	SH,SD	
ZONE 2 (-0 TO -2000)	103	0	2103	- 2000	80	2000	SD,SH	
ZONE 3 (-2000 -4000)	2103	- 2000	4103	- 4000	220	2000	SH,SD	
ZONE 4 (-4000 -6000)	4103	- 4000	6103	- 6000	375	2000	SH,SD	
ZONE 5 (-6000 -8000)	6103	- 6000	6344	- 6241	70+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KB - FRIO                      WELL ID NO. : 49B01                      ELEVATION : 666                      TOTAL DEPTH : 3850  
 OPERATOR : KINGWOOD                      WELL : NO.1 LAMENA LAND CO.  
 LOCATION : 660 FEL, 990 FNL                      SEC:                      TNSP :                      RNG :                      SUR : HENRY CASTRO

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	50	616	1400	- 734	150+	1350	SD, SH	ABV
OLMOS SD	2455	- 1789	2650	- 1984	25	195	SD, SH	UNC
AUSTIN GP	3248	- 2582	3505	- 2839	----	257	CHK, MRL	
EAGLE FORD GP	3505	- 2839	3570	- 2904	----	65	SH, SHY LS	
WASHITA GP	3570	- 2904	3790	- 3124	----	220	LS, SH	
EDWARDS FM	3790	- 3124	3850	- 3184	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KB - FKIO                      WELL ID NO. : 62A01                      ELEVATION : 565                      TOTAL DEPTH : 11000  
 OPERATOR : KATZ AND LONE STAR                      WELL : NO.1 J.H. CALVERT  
 LOCATION : 7700 FSWL, 2700 FNWL                      SEC:                      TNSP :                      RNG :                      SUR : SIMMON APRIOLA, 304, A-4

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	1070	- 505	2898	- 2333	700	1828	SD, SH	
ESCONDIDO SD	3125	- 2560	3420	- 2855	35	295	SD, SH	
OLMOS SD	4065	- 3500	4310	- 3745	45	245	SD, SH	
AUSTIN GP	5503	- 4938	5930	- 5365	-----	427	CHK, MRL	
EAGLE FORD GP	5930	- 5365	6117	- 5552	-----	187	SH, SHY LS	
WASHITA GP	6117	- 5552	6455	- 5890	-----	338	LS, SH	
EDWARDS FM	6455	- 5890	7280	- 6715	-----	825	LS, DOL	
GLEN ROSE FM	7280	- 6715	9150	- 8585	-----	1870	LS, DOL	EST
PEARSALL FM	9150	- 8585	9795	- 9230	-----	645	SH, LS	
SLIGO-HOSSTON FMS	9795	- 9230	11000	-10435	-----		LS, SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KB - FRIO                      WELL ID NO. : 62A03                      ELEVATION : 765                      TOTAL DEPTH : 4853  
 OPERATOR : KIRKWOOD DRLG CO ETAL      WELL : NO.1-A M.L. BROWN  
 LOCATION : 2540 FNWL, 2640 FNEL      SEC:                      TNSP :                      RNG :                      SUR : WM. J. SLAUGHTER A-1065

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	380	385	1490	- 725	550	1110	SD, SH	
ESCONDIDO SD	1860	- 1095	2220	- 1455	48	360	SD, SH	
OLMOS SD	2690	- 1925	2740	- 1975	8	50	SD, SH	
SAN MIGUEL SD	3150	- 2385	3440	- 2675	45	290	SD, SH	
AUSTIN GP	3595	- 2830	4015	- 3250	----	420	CHK, MRL	
EAGLE FORD GP	4015	- 3250	4150	- 3385	----	135	SH, SHY LS	
WASHITA GP	4150	- 3385	4430	- 3665	----	280	LS, SH	EST
EDWARDS FM	4430	- 3665	4853	- 4088	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KB - FRIO                      WELL ID NO. : 62A04                      ELEVATION : 632                      TOTAL DEPTH : 6926  
 OPERATOR : HUMBLE OIL AND REF CO      WELL : NO. C-1 MARRS MCLEAN  
 LOCATION : WEST DOERING RANCH AREA    SEC:                      TNSP :                      RNG :                      SUR :

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	1105	- 473	2687	- 2055	750	1582	SD, SH	EST
ESCONDIDO SD	3100	- 2468	3495	- 2863	65	395	SD, SH	
OLMOS SD	4130	- 3498	4845	- 4213	30	715	SD, SH	
AUSTIN GP	5633	- 5001	6110	- 5478	-----	477	CHK, MRL	
EAGLE FORD GP	6110	- 5478	6320	- 5688	-----	210	SH, SHY LS	
WASHITA GP	6320	- 5688	6680	- 6048	-----	360	LS, SH	
EDWARDS FM	6680	- 6048	6926	- 6294	-----		LS, DOL	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KB - FRIO                      WELL ID NO. : 62B01                      ELEVATION : 645                      TOTAL DEPTH : 17483  
 OPERATOR : PAN AMERICAN PETR CO.                      WELL : NO.1 LANA BUERGEN  
 LOCATION : 1452 FNWL, 1288 FSWL                      SEC:                      TNSP :                      RNG :                      SUR : I.G.N. R.R., 23, A-430

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	1210	- 565	3160	- 2515	830	1950	SD, SH	EST
ESCONDIDO FM	3570	- 2925	3750	- 3105	30	180	SH, SD	
OLMOS-SAN MIGUEL SDS.	4510	- 3865	5610	- 4965	57	1100	SD, SH	
AUSTIN GP	6160	- 5515	6640	- 5995	----	480	CHK, MRL	
EAGLE FORD GP	6640	- 5995	6834	- 6189	----	194	SH, SHY LS	
WASHITA GP	6834	- 6189	7230	- 6585	----	396	LS, SH	
EDWARDS	7230	- 6585	8010	- 7365	----	780	LS, DOL	
GLEN ROSE FM	8010	- 7365	10180	- 9535	----	2170	LS, DOL	
PEARSALL FM	10180	- 9535	10880	-10235	----	700	SH, LS	
SLIGO-HOSSTON FMS	10880	-10235	14180	-13535	----	3300	LS, SH, SD	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : KB - FRIO                      WELL ID NO. : 62B03                      ELEVATION : 522                      TOTAL DEPTH : 10900  
 OPERATOR : PAN AMERICAN PETR CO.                      WELL : NO.1 T.W. CULPEPPER  
 LOCATION : 660 FNEL, 600 FSEL                      SEC:                      TNSP :                      RNG :                      SUR : B.S. AND F., 2, A-904

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	860	- 338	3510	- 2988	1160	2650	SD, SH	
OLMOS SD	4922	- 4400	5265	- 4743	105	343	SD, SH	
AUSTIN GP	6505	- 5983	6910	- 6388	----	405	CHK, MRL	
EAGLE FORD GP	6910	- 6388	7043	- 6521	----	133	SH, SHY LS	
WASHITA GP	7043	- 6521	7340	- 6818	----	297	LS, SH	
EDWARDS FM	7340	- 6818	8250	- 7728	----	910	LS, DOL	
GLEN ROSE FM	8250	- 7728	10335	- 9813	----	2085	LS, DOL	EST
PEARSALL FM	10335	- 9813	10870	-10348	----	535	SH, LS	
SLIGO FM	10870	-10348	10900	-10378	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KB - FRIO                      WELL ID NO. : 63A05                      ELEVATION : 614                      TOTAL DEPTH : 11944  
 OPERATOR : MAGNOLIA PETR. CO.                      WELL : NO.1 WM. MCKINLEY  
 LOCATION : 660 FWL, 1320 FNL                      SEC:                      TNSP :                      RNG :                      SUR : M.C. DAVIDSON, 1149A-745

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	570	44	2530	- 1916	950	1960	SD, SH	
OLMOS SAND	3745	- 3131	4245	- 3631	90	500	SD, SH	
AUSTIN GP	4969	- 4355	5245	- 4631	----	276	CHK, MRL	
EAGLE FORD GP	5245	- 4631	5322	- 4708	----	77	SH, SHY LS	
WASHITA GP	5322	- 4708	5580	- 4966	----	258	LS, SH	
EDWARDS FM	5580	- 4966	6445	- 5831	----	865	LS, DOL	
GLEN ROSE FM	6445	- 5831	7932	- 7318	----	1487	LS, DOL	
PEARSALL FM	7932	- 7318	8380	- 7766	----	448	SH, LS	
SLIGO-HOSSTON FMS	8380	- 7766	10430	- 9816	----	2050	LS, SH, SD	
COTTON VALLEY GP	10430	- 9816	11913	-11299	----	1483	SH, SD, LS	EST
OUACHITA FACIES	11913	-11299	11944	-11330	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KB - FRIO                      WELL ID NO. : 63A06                      ELEVATION : 549                      TOTAL DEPTH : 9700  
 OPERATOR : PAN AMERICAN PETR CO.      WELL : NO.1 OPPENHEIMER-LANG  
 LOCATION : 2900 FWL, 300 FNL              SEC:                      TNSP :                      RNG :                      SUR : B.S. AND F., 637,A-91

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	880	- 331	3400	- 2851	0	2520	SD, SH	
OLMOS SAND	4720	- 4171	5370	- 4821	130	650	SD, SH	
AUSTIN GP	6225	- 5676	6485	- 5936	-----	260	CHK, MRL	
EAGLE FORD GP	6485	- 5936	6590	- 6041	-----	105	SH, SHY LS	
WASHITA GP	6590	- 6041	6860	- 6311	-----	270	LS, SH	
EDWARDS FM	6860	- 6311	7745	- 7196	-----	885	LS, DOL	
GLEN ROSE FM	7745	- 7196	9450	- 8901	-----	1705	LS, DOL	
PEARSALL FM	9450	- 8901	9700	- 9151	-----		SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KB - FRIO                      WELL ID NO. : 63802                      ELEVATION : 440                      TOTAL DEPTH : 8803  
 OPERATOR : SINCLAIR O AND G CO.                      WELL : NO.1 HARRS MCLEAN  
 LOCATION : 558 FNSEL, 1789 FNNEL                      SEC:                      TNSP :                      RNG :                      SUR : J.R. LEE, 6, 1089

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	1870	- 1430	4205	- 3765	1000	2335	SD, SH	
OLMOS SD	5840	- 5400	6085	- 5645	65	245	SD, SH	
AUSTIN GP	7600	- 7160	7840	- 7400	----	240	CHK, MRL	
EAGLE FORD GP	7840	- 7400	7940	- 7500	----	100	SH, SHY LS	FLT
WASHITA GP	7940	- 7500	8210	- 7770	----	270	LS, SH	
EDWARDS FM	8210	- 7770	8803	- 8363	----		LS, DOL	TD

REMARKS  
 140 F. F/O AT 7840

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KH - GALVESTON		WELL ID NO. : 11B20		ELEVATION : 36		TOTAL DEPTH : 10213		
OPERATOR : H.L.HUNT		WELL : NO.1 BEATTY						
LOCATION : 330 FNL		SEC :	TNSP :	RNG :	SUR : S.F.AUSTIN LGE #3			
FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	36	36	0	0	36	SH,SD	
ZONE 2 (-0 TO -2000)	36	0	2036	- 2000	250	2000	SD,SH	
ZONE 3 (-2000 -4000)	2036	- 2000	4036	- 4000	680	2000	SD,SH	
ZONE 4 (-4000 -6000)	4036	- 4000	6036	- 6000	460	2000	SD,SH	
ZONE 5 (-6000 -8000)	6036	- 6000	8036	- 8000	220	2000	SH,SD	
ZONE 6 (-8000 -10000)	8036	- 8000	10036	-10000	700	2000	SD,SH	
ZONE 7 (-10000-12000)	10036	-10000	10213	-10177	20+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KH - GALVESTON      WELL ID NO. : 12R72      ELEVATION : 15      TOTAL DEPTH : 12126  
 OPERATOR : HUMBLE OIL & REF.CO.      WELL : NO.J-1 STATE TRACT  
 LOCATION : 660 FSEL, 660 FNEL      SEC:      TNSP :      RNG :      SUR : GALVESTON BAY SUR, SEC 314

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	15	15	0	0	15	SH,SD	
ZONE 2 (-0 TO -2000)	15	0	2015	- 2000	490	2000	SD,SH	
ZONE 3 (-2000 -4000)	2015	- 2000	4015	- 4000	650	2000	SD,SH	
ZONE 4 (-4000 -6000)	4015	- 4000	6015	- 6000	830	2000	SD,SH	
ZONE 5 (-6000 -8000)	6015	- 6000	8015	- 8000	750	2000	SD,SH	
ZONE 6 (-8000 -10000)	8015	- 8000	10015	-10000	20	2000	SH,SD	
ZONE 7 (-10000-12000)	10015	-10000	12015	-12000	10	2000	SH,SD	
ZONE 8 (-12000-14000)	12015	-12000	12126	-12111	0		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KP - GOLIAD      WELL ID NO. : 65B20      ELEVATION : 226      TOTAL DEPTH : 8200  
 OPERATOR : PACE-CHAMBERS-KENNEDY      WELL : NO.A-1 RAMSEY  
 LOCATION : 330 FNL, 4150 FWL LSE      SEC:      TNSP :      RNG :      SUR : M.DE JESUS YBARBO SUR,A51

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	226	226	0	0	226	SH,SD	
ZONE 2 (-0 TO -2000)	226	0	2226	- 2000	50	2000	SH,SD	
ZONE 3 (-2000 -4000)	2226	- 2000	4226	- 4000	90	2000	SH,SD	
ZONE 4 (-4000 -6000)	4226	- 4000	6226	- 6000	30	2000	SH,SD	
ZONE 5 (-6000 -8000)	6226	- 6000	7813	- 7587	0	1587	SH	
CARRIZO-WILCOX SD	7813	- 7587	8200	- 7974	35+		SH,SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KP - GOLIAD                      WELL ID NO. : 66821                      ELEVATION : 178                      TOTAL DEPTH : 16000  
 OPERATOR : SHELL OIL CO.                      WELL : NO.1 FRIEDRICH'S  
 LOCATION : 11850 FNL, 5300 FEL                      SEC:                      TNSP :                      RNG :                      SUR : G. BARRERA SUR, A-2

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	178	178	0	0	178	SH,SD	
ZONE 2 (-0 TO -2000)	178	0	2178	- 2000	145	2000	SH,SD	
ZONE 3 (-2000 -4000)	2178	- 2000	4178	- 4000	160	2000	SH,SD	
ZONE 4 (-4000 -6000)	4178	- 4000	6178	- 6000	0	2000	SH	
ZONE 5 (-6000 -8000)	6178	- 6000	8178	- 8000	0	2000	SH	
ZONE 6 (-8000 -10000)	8178	- 8000	10178	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10178	-10000	11340	-11162	0	1162	SH	
CARRIZO-WILCOX SD	11340	-11162	16000	-15822	120+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KP - GOLIAD      WELL ID NO. : 71A21      ELEVATION : 104      TOTAL DEPTH : 5913  
 OPERATOR : STANFORD E.MC CORMICK      WELL : NO.1 RYALS  
 LOCATION : 1500 FWL, 430 FSL OF LSE SEC:      TNSP :      RNG :      SUR : JOHN SHELLY SUR. A-40

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	104	104	0	0	104	SH,SD	
ZONE 2 (-0 TO -2000)	104	0	2104	- 2000	10	2000	SH,SD	
ZONE 3 (-2000 -4000)	2104	- 2000	4104	- 4000	965	2000	SD,SH	
ZONE 4 (-4000 -6000)	4104	- 4000	5913	- 5809	130+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : KR - GONZALES      WELL ID NO. : 20A04      ELEVATION : 420      TOTAL DEPTH : 14285  
 OPERATOR : MOBIL OIL CO.      WELL : NO.1 BUNDICK  
 LOCATION : 1044 FSL. 4300 FEL      SEC :      TNSP :      RNG :      SUR : JOHN ADKINSON 32, A-89

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	640	- 220	3500	- 3080	900	2860	SD, SH	EST
AUSTIN GP	5470	- 5050	5975	- 5555	-----	505	CHK, MRL	
FAGLE FORD GP	5975	- 5555	6009	- 5589	-----	34	SH, SHY LS	
WASHITA GP	6009	- 5589	6220	- 5800	-----	211	LS, SH	
EDWARDS	6220	- 5800	6746	- 6326	-----	526	LS, DOL	
GLEN ROSE FM	6746	- 6326	8000	- 7580	-----	1254	LS, DOL	
PEARSALL FM	8000	- 7580	8279	- 7859	-----	279	SH, LS	
SITGO-HOSSTON FMS	8279	- 7859	10496	-10076	-----	2217	LS, SH, SD	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KR - GONZALES      WELL ID NO. : 20A22      ELEVATION : 412      TOTAL DEPTH : 5125  
 OPERATOR : GORMAN DRILLING      WELL : NO.1 PARR  
 LOCATION : 3400 FNL, 990 FNEL      SEC:      TNSP :      RNG :      SUR : PATRICK USHER SUR- A-461

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0		412	412	0	35	412	SH,SD	
ZONE 2 (-0 TO -2000)	412		0	1150	- 738	80	738	SH,SD	
CARRIZO-WILCOX SD	1150		- 738	4300	- 3888	940	3150	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KR - GONZALES      WELL ID NO. : 46A01      ELEVATION : 321      TOTAL DEPTH : 12529  
 OPERATOR : H.L. HUNT      WELL : NO.1 EMIL STOELTJE  
 LOCATION : 660 FNWL, 660 FNEL      SEC:      TNSP :      RNG :      SUR : R.H. WYNN A-474

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	4130	- 3809	8265	- 7944	1680	4135	SD, SH	
AUSTIN GP	10970	-10649	11500	-11179	-----	530	CHK, MRL	
EAGLE FORD GP	11500	-11179	11688	-11367	-----	188	SH, SHY LS	
WASHITA GP	11688	-11367	11860	-11539	-----	172	LS, SH	
EDWARDS FM	11860	-11539	12529	-12208	-----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KR - GUNZALES      WELL ID NO. : 46A02      ELEVATION : 321      TOTAL DEPTH : 11260  
 OPERATOR : ARCO      WELL : NO.1 DUBOIS  
 LOCATION : 3800 FSEL, 5080 FSWL      SEC:      TNSP :      RNG :      SUR : BYRD LOCKHART A-36

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	321	321	0	0	321	SD,SH	
ZONE 2 (-0 TO -2000)	321	0	2321	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2321	- 2000	2738	- 2417	70	417	SH,SD	
CARRIZO-WILCOX SD	2738	- 2417	6900	- 6579	1600	4162	SD, SH	
AUSTIN GP	9605	- 9284	10245	- 9924	----	640	CHK, MRL	
EAGLE FORD GP	10245	- 9924	10428	-10107	----	183	SH, SHY LS	
WASHITA GP	10428	-10107	10670	-10349	----	242	LS, SH	
EDWARDS FM	10670	-10349	11260	-10939	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KR - GONZALES      WELL ID NO. : 46A03      ELEVATION : 416      TOTAL DEPTH : 12263  
 OPERATOR : GULF COAST LSEHLDS      WELL : NO.1 GROSSMAN UNIT  
 LOCATION : 550 FNWL, 4600 FNNEL      SEC:      TNSP :      RNG :      SUR : DANIEL GRAY A-517

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	3790	- 3374	8120	- 7704	1300	4330	SD, SH	
AUSTIN GP	10680	-10264	11310	-10894	----	630	CHK, MRL	
EAGLE FORD GP	11310	-10894	11483	-11067	----	173	SH, SHY LS	
WASHITA GP	11483	-11067	11730	-11314	----	247	LS, SH	
EDWARDS FM	11730	-11314	12263	-11847	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KR - GONZALES      WELL ID NO. : 46B02      ELEVATION : 240      TOTAL DEPTH : 13354  
 OPERATOR : H.L. HUNT      WELL : NO.1 W.R. MILLER  
 LOCATION : 510 FNWL, 3350 FNEL      SEC:      TNSP :      RNG :      SUR : JAMES BIRD A-96

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	4045	- 3805	7780	- 7540	1800	3735	SD, SH	
AUSTIN GP	11175	-10935	11530	-11290	----	355	CHK, MRL	
EAGLE FORD GP	11530	-11290	11708	-11468	----	178	SH, SHY LS	
WASHITA GP	11708	-11468	11940	-11700	----	232	LS, SH	
EDWARDS FM	11940	-11700	12510	-12270	----	570	LS, DOL	
GLEN ROSE FM	12510	-12270	13354	-13114	----		LS, DOL	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KR - GUNZALES      WELL ID NO. : 47A02      ELEVATION : 455      TOTAL DEPTH : 4625  
 OPERATOR : GULF COAST LSEHOLDS      WELL : NO.1 W.E. DAVENPORT  
 LOCATION : 330 FSL, 330 FWL      SEC:      TNSP :      RNG :      SUR : JACKSON ROMARK A-398

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	0	455	1955	- 1500	0	1955	SD, SH	SUR
AUSTIN GP	4058	- 3603	4236	- 3781	----	178	CHK, MRL	
EAGLE FORD GP	4236	- 3781	4248	- 3833	----	52	SH, SHY LS	
WASHITA GP	4288	- 3833	4450	- 3995	----	162	LS, SH	
EDWARDS FM	4450	- 3995	4625	- 4170	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KR - GUNZALES      WELL ID NO. : 47A03      ELEVATION : 452      TOTAL DEPTH : 5715  
 OPERATOR : LECUNO OIL CORP.      WELL : NO.1 M.K. TOWNS  
 LOCATION : 3420 FSL, 3420 FEL      SEC:      TNSP :      RNG :      SUR : JNO. OLIVER A-52

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	728	- 276	2935	- 2483	0	2207	SD, SH	
AUSTIN GP	5262	- 4810	5437	- 4985	----	175	CHK, MRL	
EAGLE FORD GP	5437	- 4985	5500	- 5048	----	63	SH, SHY LS	
WASHITA GP	5500	- 5048	5675	- 5223	----	175	LS, SH	
EDWARDS FM	5675	- 5223	5715	- 5263	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KR - GONZALES WELL ID NO. : 47A04 ELEVATION : 313 TOTAL DEPTH : 7501

OPERATOR : J.C. BARNES WELL : NO.1 J.R. TINSLEY

LOCATION : 330 FNEL, 3750 FSEL SEC: TNSP : RNG : SUR : ISAAC ROBERTS A-399

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	1355	- 1042	4150	- 3837	140	2795	SD, SH	
AUSTIN GP	6676	- 6363	6848	- 6535	----	172	CHK, MRL	
EAGLE FORD GP	6848	- 6535	6950	- 6637	----	102	SH, SHY LS	
WASHITA GP	6950	- 6637	7118	- 6805	----	168	LS, SH	
EDWARDS FM	7118	- 6805	7501	- 7188	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KR - GONZALES      WELL ID NO. : 47A05      ELEVATION : 352      TOTAL DEPTH : 9620  
 OPERATOR : TEXAS GAS EXPL. CORP.      WELL : NO.1 S.J. HASSELL  
 LOCATION : 6651 FNWL, 900 FSWL      SEC:      TNSP :      RNG :      SUR : T.M. HARDEMAN A-262

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	1500	- 1148	4210	- 3858	0	2710	SD, SH	ABV
AUSTIN GP	6665	- 6313	6850	- 6498	----	185	CHK, MRL	
EAGLE FORD GP	6850	- 6498	6923	- 6571	----	73	SH, SHY LS	
WASHITA GP	6923	- 6571	7093	- 6741	----	170	LS, SH	
EDWARDS FM	7093	- 6741	7642	- 7290	----	549	LS, DOL	
GLEN ROSE FM	7642	- 7290	8948	- 8596	----	1306	LS, DOL	
PEARSALL FM	8948	- 8596	9278	- 8926	----	330	SH, LS	
SLIGO FM	9278	- 8926	9620	- 9268	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KR - GONZALES      WELL ID NO. : 47A20      ELEVATION : 304      TOTAL DEPTH : 8588  
 OPERATOR : CECIL V. HAGEN      WELL : NO.1 HEINEMEYER  
 LOCATION : 330 FNEL, 330 FSEL      SEC:      TNSP :      RNG :      SUR : A.M. GRENADE SUR. A-222

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	304	304	0	0	304	SH,SD	
ZONE 2 (-0 TO -2000)	304	0	2089	- 1785	0	1785	SD,SH	
CARRIZO-WILCOX SD	2089	- 1785	5245	- 4941	680	3156	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : KR - GONZALES      WELL ID NO. : 47804      ELEVATION : 373      TOTAL DEPTH : 12483  
 OPERATOR : SUPERIOR OIL CO      WFL : NO.1-A GEORGIA DUBOSE  
 LOCATION : 1320 FNWL, 4600 FSWL      SEC :      TNSP :      RNG :      SUR : WM, ROBERTSON A-396

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	4390	- 4017	8360	- 7987	1450	3970	SD, SH	
AUSTIN GP	11305	-10932	11523	-11150	----	218	CHK, MRL	FLT
EAGLE FORD GP	11523	-11150	11730	-11357	----	207	SH, SHY LS	
WASHITA GP	11730	-11357	11903	-11530	----	173	LS, SH	
EDWARDS FM	11903	-11530	12483	-12110	----		LS, DOL	TD

REMARKS  
 260 FT. F/O AT 11305

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KR - GONZALES      WELL ID NO. : 47820      ELEVATION : 324      TOTAL DEPTH : 12338  
 OPERATOR : BRIGHT + SCHIFF      WELL : NO.1 NOLTE  
 LOCATION : 660 FNEL, 660 FNWL      SEC:      TNSP :      RNG :      SUR : PETER PATE SUR. A-374

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	324	324	0	0	324	SH,SD	
ZONE 2 (-0 TO -2000)	324	0	2324	- 2000	230	2000	SD,SH	
ZONE 3 (-2000 -4000)	2324	- 2000	4195	- 3871	150	1871	SH,SD	
CARRIZO-WILCOX SD	4195	- 3871	8145	- 7821	2680	3950	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KW - GRIMES            WELL ID NO. : 15A11            ELEVATION : 358            TOTAL DEPTH : 10506  
 OPERATOR : BREWSTER AND BARTLE    WELL : NO.1 NEVILLE  
 LOCATION : 2700 FEL, 3500 FNL    SEC:            TNSP :            RNG :            SUR : D.B. MCMAHAN A-42

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	1905	- 1547	5310	- 4952	1450	3405	SD, SH	
AUSTIN GP	8448	- 8090	8830	- 8472	----	382	CHK, MRL	
EAGLE FORD-WOODBINE	8830	- 8472	9570	- 9212	20	740	SH, SD	
WASHITA GP	9570	- 9212	10050	- 9692	----	480	LS, SH	
EDWARDS	10050	- 9692	10506	-10148	----		LS, DOL	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KW - GRIMES                      WELL ID NO. : 15A20                      ELEVATION : 383                      TOTAL DEPTH : 7895  
 OPERATOR : HUMBLE OIL + REF.                      WELL : NO.1 SEALY  
 LOCATION : NOT AVAILABLE                      SEC :                      TNSP :                      RNG :                      SUR : BEN F. SMITH SUR. A-412

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	383	383	0	0	383	SD,SH	
ZONE 2 (-0 TO -2000)A	383	0	2383	- 2000	65	2000	SD,SH	
ZONE 3 (-2000 -4000)	2383	- 2000	3265	- 2882	180	882	SH,SD	
CARRIZO-WILCOX SD	3265	- 2882	7605	- 7222	2660	4340	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : KW - GRIMES      WELL ID NO. : 15B20      ELEVATION : 322      TOTAL DEPTH : 10522  
 OPERATOR : PLACID      WELL : NO.1 DAVIS  
 LOCATION : 1000 FSEL, 428 FNE + SWL SEC:      TNSP :      RNG :      SUR : WILLIAM BURNEY SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	322	322	0	0	322	SH,SD	
ZONE 2 (-0 TO -2000)	322	0	2322	- 2000	7	2000	SH,SD	
ZONE 3 (-2000 -4000)	2322	- 2000	4322	- 4000	180	2000	SH,SD	
ZONE 4 (-4000 -6000)	4322	- 4000	5400	- 5078	190	1078	SH,SD	
CARRIZO-WILCOX SD	5400	- 5078	10500	-10178	2190	5100	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KW - GRIMES            WELL ID NO. : 16A24            ELEVATION : 323            TOTAL DEPTH : 8306  
 OPERATOR : WOODLEY PET. CO.            WELL : NO.1 COCKWELL  
 LOCATION : 860 FNEL, 2750 FSEL            SEC:            TNSP :            RNG : 3            SUR : 1/4MI.SW OF EAST SINGLETON

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	323	323	0	0	323	SH,SD	
ZONE 2 (-0 TO -2000)	323	0	2323	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2323	- 2000	3469	- 3146	85	1146	SH,SD	
CARRIZO-WILCOX SD	3469	- 3146	7930	- 7607	2400	4461	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KW - GRIMES                      WELL ID NO. : 16A25                      ELEVATION : 358                      TOTAL DEPTH : 10770  
 OPERATOR : STANDARD OIL CO. TEX.                      WELL : NO.1 BROWN  
 LOCATION : 4500 FNL, 3890 FEL                      SEC:                      TNSP :                      RNG :                      SUR : 1.5 MI SW OF RICHARDS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	358	358	0	0	358	SH,SD	
ZONE 2 (-0 TO -2000)	358	0	2358	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2358	- 2000	4358	- 4000	250	2000	SH,SD	
ZONE 4 (-4000 -6000)	4358	- 4000	5060	- 4702	90	702	SH,SD	
CARRIZO-WILCOX SD	5060	- 4702	10485	-10127	2700	5425	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : KX - GUADALUPE      WELL ID NO. : 20A05      ELEVATION : 538      TOTAL DEPTH : 4517  
 OPERATOR : SUTTON PROD. CO.      WELL : NO.1 IDA WEINAUG  
 LOCATION : 600 FSNL. 9500 FEEL      SEC:      TNSP :      RNG :      SUR : ROBERT HALL A-175

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
AUSTIN GP	2135	- 1597	2295	- 1757	----	160	CHK, MRL	
EAGLE FORD GP	2295	- 1757	2333	- 1795	----	38	SH, SHY LS	
WASHITA GP	2333	- 1795	2485	- 1947	----	152	LS, SH	
EDWARDS	2485	- 1947	3070	- 2532	----	585	LS, DOL	
GLEN ROSE FM	3070	- 2532	4130	- 3592	----	1060	LS, DOL	EST
PEARSALL FM	4130	- 3592	4390	- 3852	----	260	SH, LS	
SLIGO FM	4390	- 3852	4517	- 3979	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KX - GUADALUPE      WELL ID NO. : 21A02      ELEVATION : 815      TOTAL DEPTH : 2640  
 OPERATOR : STANULIND OIL AND GAS      WELL : NO.1 T.F. SCHMIDT  
 LOCATION : 1320 FNWL, 660 FNEL      SEC :      TNSP :      RNG :      SUR : GUSTAVUS BUNSON A-72

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	815	78	737	----	78	SH, MRL	SUR
AUSTIN GP	78	737	201	614	----	123	CHK, MRL	
EAGLE FORD GP	201	614	224	591	----	23	SH, SHY LS	
WASHITA GP	224	591	360	455	----	136	LS, SH	
EDWARDS FM	360	455	850	- 35	----	490	LS, DOL	
GLEN ROSE FM	850	- 35	1802	- 987	----	952	LS, DOL	
PEARSALL FM	1802	- 987	1975	- 1160	----	173	SH, LS	
SLIGO-HOSSION FMS	1975	- 1160	2615	- 1800	----	640	LS, SH, SD	
OUACHITA FACIES	2615	- 1800	2640	- 1825	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KX - GUADALUPE      WELL ID NO. : 47A01      ELEVATION : 595      TOTAL DEPTH : 2642  
 OPERATOR : THEJOHN OIL CO.      WELL : NO.1 S.L. ECKOLS  
 LOCATION : 5050 FSEL, 6250 FSWL      SEC:      TNSP :      RNG :      SUR : FRANCISCO CARVAJAL 47,888

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	0	595	645	- 50	150+	645	SD, SH	SUR
AUSTIN GP	2295	- 1700	2495	- 1900	----	200	CHK, MRL	
EAGLE FORD GP	2495	- 1900	2465	- 1870	----	30	SH, SHY LS	
WASHITA GP	2473	- 1878	2620	- 2025	----	147	LS, SH	
EDWARDS FM	2620	- 2025	2642	- 2047	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KX - GUADALUPE      WELL ID NO. : 48A03      ELEVATION : 552      TOTAL DEPTH : 4011  
 OPERATOR : M.P. WILSON      WELL : NO.1 S. KUBELA  
 LOCATION : 990 FSEL, 660 FSWL      SEC :      TNSP :      RNG :      SUR : E. BOLLINGER A-53

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
AUSTIN GP	1510	- 958	1575	- 1023	----	65	CHK, MRL	
EAGLE FORD GP	1575	- 1023	1598	- 1046	----	23	SH, SHY LS	
WASHITA GP	1598	- 1046	1740	- 1188	----	142	LS, SH	
EDWARDS FM	1740	- 1188	2325	- 1773	----	585	LS, DOL	
GLEN ROSE FM	2325	- 1773	3377	- 2825	----	1052	LS, DOL	EST
PEARSALL FM	3377	- 2825	3565	- 3013	----	188	SH, LS	
SLIGO-HOSSTON FMS	3565	- 3013	4011	- 3459	----		LS, SH, SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : LM - HARDIN                      WELL ID NO. : 6C20                      ELEVATION : 91                      TOTAL DEPTH : 11534  
 OPERATOR : OIL RESERVES CORP.                      WELL : NO.1-K KIRBY-MC KINNON  
 LOCATION : 660 FSL + 1436 FEL                      SEC:                      TNSP :                      RNG :                      SUR : D.MC KINNON LUR A-623

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	91	91	0	0	91	SH,SD	
ZONE 2 (-0 TO -2000)	91	0	2091	- 2000	110	2000	SD,SH	
ZONE 3 (-2000 -4000)	2091	- 2000	4091	- 4000	620	2000	SD,SH	
ZONE 4 (-4000 -6000)	4091	- 4000	6091	- 6000	140	2000	SH,SD	
ZONE 5 (-6000 -8000)	6091	- 6000	8091	- 8000	570	2000	SD,SH	
ZONE 6 (-8000 -10000)	8091	- 8000	9390	- 9299	0	1299	SH	
CARRIZO-WILCOX SD	9390	- 9299	11534	-11443	770+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : LM - HARDIN      WELL ID NO. : 6C21      ELEVATION : 75      TOTAL DEPTH : 10025  
 OPERATOR : HUMBLE OIL + REF.      WELL : NO.1 GRAYBURG TIMBER  
 LOCATION : 2200 FNL, 5630 FEL      SEC:      TNSP :      RNG :      SUR : H+T C RR SUR. A313

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	75	75	0	0	75	SH,SD	
ZONE 2 (20 TO -2000)	75	0	2075	- 2000	510	2000	SD,SH	
ZONE 3 (-2000 -4000)	2075	- 2000	4075	- 4000	460	2000	SD,SH	
ZONE 4 (-4000 -6000)	4075	- 4000	6075	- 6000	730	2000	SD,SH	
ZONE 5 (-6000 -8000)	6075	- 6000	8075	- 8000	470	2000	SD,SH	
ZONE 6 (-8000 -10000)	8075	- 8000	10025	- 9950	175		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LH - HARDIN      WELL ID NO. : 13A20      ELEVATION : 43      TOTAL DEPTH : 13500  
 OPERATOR : TEXAS COMPANY      WELL : NO.1 CARPENTER  
 LOCATION : 300 FEL, 2300 FNL      SEC:      TNSP :      RNG :      SUR : DAVID SCOTT SUR. A-442

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	43	43	0	0	43	SH,SD	
ZONE 2 (-0 TO -2000)	43	0	2043	- 2000	8	2000	SD,SH	
ZONE 3 (-2000 -4000)	2043	- 2000	4043	- 4000	550	2000	SD,SH	
ZONE 4 (-4000 -6000)	4043	- 4000	6043	- 6000	950	2000	SD,SH	
ZONE 5 (-6000 -8000)	6043	- 6000	8043	- 8000	840	2000	SD,SH	
ZONE 6 (-8000 -10000)	8043	- 8000	10043	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10043	-10000	12043	-12000	130	2000	SH,SD	
ZONE 8 (-12000-14000)	12043	-12000	12765	-12722	40	722	SH,SD	
CARRIZO-WILCOX SD	12765	-12722	13500	-13457	0		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LJ - HARRIS WELL ID NO. : 3B21 ELEVATION : 170 TOTAL DEPTH : 12500

OPERATOR : MAGNOLIA PET. CO. WELL : NO.22A WARREN RANCH

LOCATION : NOT AVAILABLE SEC: TNSP : RNG : SUR : NOT AVAILABLE

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	170	170	0	0	170	SH,SD	
ZONE 2 (-0 TO -2000)	170	0	2170	- 2000	100	2000	SD,SH	
ZONE 3 (-2000 -4000)	2170	- 2000	4170	- 4000	290	2000	SH,SD	
ZONE 4 (-4000 -6000)	4170	- 4000	6170	- 6000	420	2000	SD,SH	
ZONE 5 (-6000 -8000)	6170	- 6000	8170	- 8000	450	2000	SD,SH	
ZONE 6 (-8000 -10000)	8170	- 8000	10170	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10170	-10000	10250	-10080	0	80	SH	
CARRIZO-WILCOX SD	10250	-10080	12500	-12330	920+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LJ - HARRIS                      WELL ID NO. : 3C20                      ELEVATION : 99                      TOTAL DEPTH : 9000  
 OPERATOR : STAND. OIL OF TEXAS                      WELL : NO.1 SYNOTT  
 LOCATION : 467 FSL, 467 FEL                      SEC:                      TNSP :                      RNG :                      SUR : HT+B RR SUR. A-405

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BAS SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	99	99	0	0	99	SH,SD	
ZONE 2 (-0 TO -2000)	99	0	2099	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2099	- 2000	4099	- 4000	570	2000	SD,SH	
ZONE 4 (-4000 -6000)	4099	- 4000	6099	- 6000	360	2000	SH,SD	
ZONE 5 (-6000 -8000)	6099	- 6000	8099	- 8000	70	2000	SH,SD	
ZONE 6 (-8000 -10000)	8099	- 8000	9000	- 8901	80+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : LJ - HARRIS                      WELL ID NO. : 4821                      ELEVATION : 136                      TOTAL DEPTH : 15500  
 OPERATOR : PAN AMERICAN                      WELL : NO.1 BROWN  
 LOCATION : 1163 S + 4074 W FRNE CRNRSEC:                      TNSP :                      RNG :                      SUR : J.D. EGBER SUR. A-246

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	136	136	0	0	136	SH,SD	
ZONE 2 (-0 TO -2000)	136	0	2036	- 1900	0	1900	SD,SH	
ZONE 3 (-2000 -4000)	2036	- 1900	4036	- 3900	290	2000	SD,SH	
ZONE 4 (-4000 -6000)	4036	- 3900	6036	- 5900	250	2000	SH,SD	
ZONE 5 (-6000 -8000)	6036	- 5900	8036	- 7900	310	2000	SH,SD	
ZONE 6 (-8000 -10000)	8036	- 7900	9915	- 9779	0	1879	SH	
CARRIZO-WILCOX SD	9915	- 9779	15500	-15364	820+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LJ - HARRIS      WELL ID NO. : 4C20      ELEVATION : 82      TOTAL DEPTH : 9020

OPERATOR : WRIGHTSMAN CHARLES B      WELL : NO.1 JOHN OATES

LOCATION : 660 FSL, 660 FWL OF LSE      SEC:      TNSF :      RNG :      SUR : EDWIN STIMPSON SUR. A-702

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	82	82	0	0	82	SH,SD	
ZONE 2 (-0 TO -2000)	82	0	2082	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2082	- 2000	4082	- 4000	210	2000	SH,SD	
ZONE 4 (-4000 -6000)	4082	- 4000	6082	- 6000	430	2000	SD,SH	
ZONE 5 (-6000 -8000)	6082	- 6000	8082	- 8000	80	2000	SH,SD	
ZONE 6 (-8000 -10000)	8082	- 8000	9020	- 8938	105+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LJ - HARRIS            WELL ID NO. : 5C21            ELEVATION : 85            TOTAL DEPTH : 9150  
 OPERATOR : TEXAS STATE DRLG. CO.    WELL : NO.1 SIMMONS  
 LOCATION : 660 E OF WL, 2000S OF NL SEC:            TNSP :            RNG :            SUR : D.D. CULP SR. A-809

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	85	85	0	0	85	SH,SD	
ZONE 2 (-0 TO -2000)	85	0	2085	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2085	- 2000	4085	- 4000	260	2000	SD,SH	
ZONE 4 (-4000 -6000)	4085	- 4000	6085	- 6000	615	2000	SD,SH	
ZONE 5 (-6000 -8000)	6085	- 6000	8085	- 8000	150	2000	SH,SD	
ZONE 6 (-8000 -10000)	8085	- 8000	9150	- 9065	45+		SH,SD	TU



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : LJ - HARRIS      WELL ID NO. : 11A20      ELEVATION : 35      TOTAL DEPTH : 10000

OPERATOR : HUMBLE      WELL : NO.C-61 HUMBLE WEST FEE

LOCATION : 1800 FSEL, 2900 AT RA FELSEC:      TNSP :      RNG :      SUR : GEO.B. MC KINSTRY SUR.A47

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	35	35	0	0	35	SH,SD	
ZONE 2 (-0 TO -2000)	35	0	2035	- 2000	190	2000	SD,SH	
ZONE 3 (-2000 -4000)	2035	- 2000	4035	- 4000	500	2000	SD,SH	
ZONE 4 (-4000 -6000)	4035	- 4000	6035	- 6000	480	2000	SD,SH	
ZONE 5 (-6000 -8000)	6035	- 6000	8035	- 8000	590	2000	SD,SH	
ZONE 6 (-8000 -10000)	8035	- 8000	10000	- 9965	400+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LJ - HARRIS      WELL ID NO. : 11A21      ELEVATION : 60      TOTAL DEPTH : 11492  
 OPERATOR : CHRISTIE MITCHEL + M.      WELL : NO.1 SMITH  
 LOCATION : 330 FSL, 5036 FEL      SEC :      TNSP :      RNG :      SUR : BLAS HERRERA SUR. A-320

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	60	60	0	0	60	SH,SD	
ZONE 2 (-0 TO -2000)	60	0	2060	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2060	- 2000	4060	- 4000	560	2000	SD,SH	
ZONE 4 (-4000 -6000)	4060	- 4000	6060	- 6000	450	2000	SD,SH	
ZONE 5 (-6000 -8000)	6060	- 6000	8060	- 8000	620	2000	SD,SH	
ZONE 6 (-8000 -10000)	8060	- 8000	10060	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10060	-10000	11492	-11432	40+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LR - HAYS                      WELL ID NO. : 1                      ELEVATION : 1387                      TOTAL DEPTH : 4661

OPERATOR : SHELL OIL COMPANY                      WELL : NO. 1 HARWELL

LOCATION :                      SEC :                      TNSP :                      RNG :                      SUR : M. H. DENHAM SUR.

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF.	0		1387	820	567	0	820	LS,SH,SD	
PENNSYLVANIAN-UNDIFF	820		567	2420	- 1033	0	1600	SH,LS	
MISS.-BARNETT	2420		- 1033	2430	- 1043	0	10	SH	
ELLENBURGER	2430		- 1043	4661	- 3274	2228+		LS,DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : LR - HAYS                      WELL ID NO. : 2                      ELEVATION : 1075                      TOTAL DEPTH : 2460  
 OPERATOR : E. A. BUCKLIN                      WELL : NO.1 ELSNER  
 LOCATION :                      SEC:                      TNSP :                      RNG :                      SUR : S.J. FOWLER SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	1075	1075	0	0	1075	LS,SD,SH	
OUACHITA FOLD SERIES	1075	0	2460	- 1385	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LU - HIDALGO      WELL ID NO. : 90820      ELEVATION : 178      TOTAL DEPTH : 13755  
 OPERATOR : SHELL OIL CO.      WELL : NO.3 MCALLEN  
 LOCATION : 3000 FNM,16350 FNEL OF LSSEC:      TNSP :      RNG :      SUR : SANTA ANITA GRANT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	178	178	0	0	178	SH,SD	
ZONE 2 (-0 TO -2000)	178	0	2178	- 2000	100	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2178	- 2000	4178	- 4000	110	2000	SH,SD	
ZONE 4 (-4000 -6000)	4178	- 4000	6178	- 6000	360	2000	SH,SD	
ZONE 5 (-6000 -8000)	6178	- 6000	8178	- 8000	500	2000	SH,SD	
ZONE 6 (-8000 -10000)	8178	- 8000	10178	-10000	170	2000	SH,SD	
ZONE 7 (-10000-12000)	10178	-10000	12178	-12000	0	2000	SH,SD	
ZONE 8 (-12000-14000)	12178	-12000	13755	-13577	0		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : LU - HIDALGO      WELL ID NO. : 90B21      ELEVATION : 78      TOTAL DEPTH : 8507  
 OPERATOR : SUN OIL CO.      WELL : NO.2 GUERRA  
 LOCATION : 2000 FNW, 15500 FSWL LSE SEC:      TNSP :      RNG :      SUR : SAN SALVADORE DEL TULE

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	78	78	0	0	78	SH,SD	
ZONE 2 (-0 TO -2000)	78	0	2078	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2078	- 2000	4078	- 4000	330	2000	SH,SD	
ZONE 4 (-4000 -6000)	4078	- 4000	6078	- 6000	320	2000	SH,SD	
ZONE 5 (-6000 -8000)	6078	- 6000	8078	- 8000	310	2000	SH,SD	
ZONE 6 (-8000 -10000)	8078	- 8000	8507	- 8429	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LU - HIDALGO      WELL ID NO. : 95A20      ELEVATION : 377      TOTAL DEPTH : 11311  
 OPERATOR : SHELL OIL CO.      WELL : NO.1 BOSTON-TEXAS LAND TR.  
 LOCATION : 2912 FEL,18543 FSL      SEC:      TNSP :      RNG :      SUR : LOS GUAGES GRANT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	377	377	0	0	377	SH,SD	
ZONE 2 (-0 TO -2000)	377	0	2377	- 2000	90	2000	SH,SD	
ZONE 3 (-2000 -4000)	2377	- 2000	4377	- 4000	140	2000	SH,SD	
ZONE 4 (-4000 -6000)	4377	- 4000	6377	- 6000	250	2000	SH,SD	
ZONE 5 (-6000 -8000)	6377	- 6000	8377	- 8000	250	2000	SH,SD	
ZONE 6 (-8000 -10000)	8377	- 8000	10377	-10000	350	2000	SH,SD	
ZONE 7 (-10000-12000)	10377	-10000	11311	-10934	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LU - HIDALGO      WELL ID NO. : 95A21      ELEVATION : 158      TOTAL DEPTH : 11550  
 OPERATOR : GULF OIL CORP.      WELL : NO.1 ALLAN SHIVERS  
 LOCATION : BLK 18 LOT 10      SEC :      TNSP :      RNG :      SUR : A-290 SAN SALVADOR TULE

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	158	158	0	0	158	SH,SD	
ZONE 2 (-0 TO -2000)	158	0	2158	- 2000	100	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2158	- 2000	4158	- 4000	185	2000	SH,SD	
ZONE 4 (-4000 -6000)	4158	- 4000	6158	- 6000	135	2000	SH,SD	
ZONE 5 (-6000 -8000)	6158	- 6000	8158	- 8000	420	2000	SH,SD	
ZONE 6 (-8000 -10000)	8158	- 8000	10158	-10000	140	2000	SH,SD	
ZONE 7 (-10000-12000)	10158	-10000	11550	-11392	----		SH,SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LU - HIDALGO      WELL ID NO. : 95B20      ELEVATION : 162      TOTAL DEPTH : 12157  
 OPERATOR : HOUSTON OIL CO.      WELL : NO.1 BUTTRAM-TEXHOMA  
 LOCATION : 50 FSL, 1271 FWL      SEC:      TNSP :      RNG :      SUR : PORCION 58 LOT 311

FORMATION	DEPTH TOP	SUB-SEA	DEPTH BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	162	162	0	0	162	SH,SD	
ZONE 2 (-0 TO -2000)	162	0	2162	- 2000	160	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2162	- 2000	4162	- 4000	230	2000	SH,SD	
ZONE 4 (-4000 -6000)	4162	- 4000	6162	- 6000	140	2000	SH,SD	
ZONE 5 (-6000 -8000)	6162	- 6000	8162	- 8000	400	2000	SH,SD	
ZONE 6 (-8000 -10000)	8162	- 8000	10162	-10000	0	2000	SH,SD	
ZONE 7 (-10000-12000)	10162	-10000	12157	-11995	0		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LU - HIDALGO      WELL ID NO. : 95821      ELEVATION : 92      TOTAL DEPTH : 10514  
 OPERATOR : NEUHAUS      WELL : NO.1 JONES GAS UNIT  
 LOCATION : 50 FSL, 100 FWL OF TR      SEC :      TNSP :      RNG :      SUR : LLANO GRANDE GRANT, TR 210

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	92	92	0	0	92	SH,SD	
ZONE 2 (-0 TO -2000)	92	0	2092	- 2000	120	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2092	- 2000	4092	- 4000	460	2000	SH,SD	
ZONE 4 (-4000 -6000)	4092	- 4000	6092	- 6000	320	2000	SH,SD	
ZONE 5 (-6000 -8000)	6092	- 6000	8092	- 8000	300	2000	SH,SD	
ZONE 6 (-8000 -10000)	8092	- 8000	10092	-10000	260	2000	SH,SD	
ZONE 7 (-10000-12000)	10092	-10000	10514	-10422	-----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PP - JACKSON      WELL ID NO. : 1C20      ELEVATION : 84      TOTAL DEPTH : 5402  
 OPERATOR : MILLSAP OIL + GAS      WELL : NO.1 CLAYBROOK  
 LOCATION : 4650 FNEL, 330 FSEL      SEC:      TNSP :      RNG :      SUR : JNO HAYS SUR. A-116

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	84	84	0	0	84	SH,SD	
ZONE 2 (-0 TO -2000)	84	0	2084	- 2000	50	2000	SH,SD	
ZONE 3 (-2000 -4000)	2084	- 2000	4084	- 4000	370	2000	SH,SD	
ZONE 4 (-4000 -6000)	4084	- 4000	5402	- 5318	365+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : PP - JACKSON      WELL ID NO. : 8A20      ELEVATION : 31      TOTAL DEPTH : 7412  
 OPERATOR : GOLDSTRAND      WELL : NO.1 STRAUSS  
 LOCATION : 16400 FEL, 8550 FNL      SEC:      TNSP :      RNG :      SUR : JEMINA HEARD SUR. A-28

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	31	31	0	0	31	SH,SD	
ZONE 2 (-0 TO -2000)	31	0	2031	- 2000	160	2000	SD,SH	
ZONE 3 (-2000 -4000)	2031	- 2000	4031	- 4000	60	2000	SH,SD	
ZONE 4 (-4000 -6000)	4031	- 4000	6031	- 6000	430	2000	SD,SH	
ZONE 5 (-6000 -8000)	6031	- 6000	7412	- 7381	340+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PP - JACKSON      WELL ID NO. : BA21      ELEVATION : 60      TOTAL DEPTH : 8035  
 OPERATOR : JOHN B. COFFEE      WELL : NO.1 ENGELMOHR  
 LOCATION : 467 FNL, 467 FWL      SEC:      TNSP :      RNG :      SUR : MORRIS + CUMMINGS SUR302

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	60	60	0	0	60	SH,SD	
ZONE 2 (-0 TO -2000)	60	0	2060	- 2000	390	2000	SH,SD	
ZONE 3 (-2000 -4000)	2060	- 2000	4060	- 4000	80	2000	SH,SD	
ZONE 4 (-4000 -6000)	4060	- 4000	6060	- 6000	560	2000	SD,SH	
ZONE 5 (-6000 -8000)	6060	- 6000	8035	- 7975	1190+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PR - JASPER            WELL ID NO. : 7B21            ELEVATION : 91            TOTAL DEPTH : 12199  
 OPERATOR : PHILLIPS PET.CO.        WELL : HENDERSON A-1  
 LOCATION : 1500 FNL, 600 FEL        SEC:            TNSP :            RNG :            SUR : JOHN M. ALLEN SUR. A-53

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	91	91	0	0	91	SH,SD	
ZONE 2 (-0 TO -2000)	91	0	2091	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2091	- 2000	4091	- 4000	600	2000	SD,SH	
ZONE 4 (-4000 -6000)	4091	- 4000	6091	- 6000	860	2000	SD,SH	
ZONE 5 (-6000 -8000)	6091	- 6000	8091	- 8000	105	2000	SH,SD	
ZONE 6 (-8000 -10000)	8091	- 8000	10091	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10091	-10000	10400	-10309	0	309	SH	
CARRIZO-WILCOX SD	10400	-10309	12199	-12108	350+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : PR - JASPER                      WELL ID NO. : 17A07                      ELEVATION : 138                      TOTAL DEPTH : 11134

OPERATOR : ATLANTIC RICHFIELD CO                      WELL : NO.1 HENDERSON

LOCATION : TURPENTINE FIELD AREA                      SEC:                      TNSP :                      RNG :                      SUR :

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	3920	- 3782	8070	- 7932	1300	4150	SD, SH	
AUSTIN GP	10295	-10157	10825	-10687	----	530	CHK, MRL	
EAGLE FORD-WOODBINE	10825	-10687	11070	-10932	0	245	SH	EQV
BUDA FM	11070	-10932	11134	-10996	----		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PT - JEFFERSON      WELL ID NO. : 13B20      ELEVATION : 19      TOTAL DEPTH : 9514  
 OPERATOR : SUN OIL CO.      WELL : NO.1 CLIFTON UNIT  
 LOCATION : 425 FNL, 600 FEL      SEC:      TNSP :      RNG :      SUR : W.M.N. SIEGLER SUR.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	19	19	0	0	19	SH,SD	
ZONE 2 (20 TO -2000)	19	0	2019	- 2000	410	2000	SD,SH	
ZONE 3 (-2000 -4000)	2019	- 2000	4019	- 4000	830	2000	SD,SH	
ZONE 4 (-4000 -6000)	4019	- 4000	6019	- 6000	1005	2000	SD,SH	
ZONE 5 (-6000 -8000)	6019	- 6000	8019	- 8000	650	2000	SD,SH	
ZONE 6 (-8000 -10000)	8019	- 8000	9514	- 9495	45+		SH,SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PT - JEFFERSON      WELL ID NO. : 13B21      ELEVATION : 27      TOTAL DEPTH : 9900  
 OPERATOR : KILROY CO. OF TEXAS      WELL : NO.1 DISHMAN  
 LOCATION : 660 FWL, 3025 FSL      SEC:      TNSP :      RNG :      SUR : MC FARLAND SUR. A-38

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	27	27	0	0	27	SH,SD	
ZONE 2 (-0 TO -2000)	27	0	2027	- 2000	210	2000	SD,SH	
ZONE 3 (-2000 -4000)	2027	- 2000	4027	- 4000	860	2000	SD,SH	
ZONE 4 (-4000 -6000)	4027	- 4000	6027	- 6000	910	2000	SD,SH	
ZONE 5 (-6000 -8000)	6027	- 6000	8027	- 8000	560	2000	SD,SH	
ZONE 6 (-8000 -10000)	8027	- 8000	9900	- 9873	770*		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PT - JEFFERSON      WELL ID NO. : 13B22      ELEVATION : 29      TOTAL DEPTH : 13172  
 OPERATOR : STANULIND OIL + GAS      WELL : NO.1 PIPKIN  
 LOCATION : 1980 FNL, 1980 FEL      SEC:      TNSP :      RNG :      SUR : T + NO SUR. 187 A-348

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	29	29	0	0	29	SD,SH	
ZONE 2 (-0 TO -2000)	29	0	2029	- 2000	500	2000	SD,SH	
ZONE 3 (-2000 -4000)	2029	- 2000	4029	- 4000	715	2000	SD,SH	
ZONE 4 (-4000 -6000)	4029	- 4000	6029	- 6000	1015	2000	SD,SH	
ZONE 5 (-6000 -8000)	6029	- 6000	8029	- 8000	1110	2000	SD,SH	
ZONE 6 (-8000 -10000)	8029	- 8000	10029	-10000	70	2000	SH,SD	
ZONE 7 (-10000-12000)	10029	-10000	12029	-12000	160	2000	SH,SD	
ZONE 8 (-12000-14000)	12029	-12000	13172	-13143	75+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PT - JEFFERSON      WELL ID NO. : 13C20      ELEVATION : 25      TOTAL DEPTH : 11520  
 OPERATOR : SHELL      WELL : NO.31 MC FADDIN TRUST  
 LOCATION : 1600 FEL, 1600 FNL      SEC:      TNSP :      RNG :      SUR : A.B.PIPKIN SUR. A-519

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	25	25	0	0	25	SH,SD	
ZONE 3 (-2000 -4000)	2025	- 2000	4025	- 4000	705	2000	SD,SH	
ZONE 4 (-4000 -6000)	4025	- 4000	6025	- 6000	960	2000	SD,SH	
ZONE 5 (-6000 -8000)	6025	- 6000	8025	- 8000	810	2000	SD,SH	
ZONE 6 (-8000 -10000)	8025	- 8000	10025	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10025	-10000	11520	-11495	0		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PT - JEFFERSON      WELL ID NO. : 14821      ELEVATION : 23      TOTAL DEPTH : 13002  
 OPERATOR : HUMBLE OIL & REF.      WELL : NO.1 SABINE LAKE ST. TRACT 8  
 LOCATION : 1980 FN & EL      SEC :      TNSP :      RNG :      SUR : SABINE LV KE TRACT NO. 8

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	23	23	0	0	23	SD,SH	
ZONE 2 (-0 TO -2000)	23	0	2023	- 2000	305	2000	SD,SH	
ZONE 3 (-2000 -4000)	2023	- 2000	4023	- 4000	750	2000	SD,SH	
ZONE 4 (-4000 -6000)	4023	- 4000	6023	- 6000	1190	2000	SD,SH	
ZONE 5 (-6000 -8000)	6023	- 6000	8023	- 8000	1090	2000	SD,SH	
ZONE 6 (-8000 -10000)	8023	- 8000	10023	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10023	-10000	12023	-12000	0	2000	SH	
ZONE 8 (-12000-14000)	12023	-12000	13002	-12979	0		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PU - JIM HOGG      WELL ID NO. : 86820      ELEVATION : 204      TOTAL DEPTH : 9600  
 OPERATOR : ATLANTIC REF. CO.      WELL : NO.4 MARRS MCLEAN  
 LOCATION : 1700 FSL, 1320 FWL OF LSESEC:      TNSP :      RNG :      SUR : LAS ANIMAS A-244

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	204	204	0	0	204	SH,SD	
ZONE 2 (-0 TO -2000)	204	0	2204	- 2000	120	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2204	- 2000	4204	- 4000	640	2000	SH,SD	
ZONE 4 (-4000 -6000)	4204	- 4000	6204	- 6000	240	2000	SH,SD	
ZONE 5 (-6000 -8000)	6204	- 6000	8204	- 8000	20	2000	SH,SD	
ZONE 6 (-8000 -10000)	8204	- 8000	9600	- 9396	40		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PW - JIM WELLS      WELL ID NO. : 80A21      ELEVATION : 320      TOTAL DEPTH : 6820  
 OPERATOR : HAAS OIL CO.      WELL : NO.1 COX  
 LOCATION : APPROX. 5000 FEL,300,FNL SEC:      TNSP :      RNG :      SUR : A-155 SAN DIEGO DE ABAJO

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	320	320	0	0	320	SH,SD	
ZONE 2 (-0 TO -2000)	320	0	2320	- 2000	30	2000	SH,SD	
ZONE 3 (-2000 -4000)	2320	- 2000	4320	- 4000	100	2000	SH,SD	
ZONE 4 (-4000 -6000)	4320	- 4000	6320	- 6000	90	2000	SH,SD	
ZONE 5 (-6000 -8000)	6320	- 6000	6820	- 6500	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PW - JIM WELLS      WELL ID NO. : 80820      ELEVATION : 244      TOTAL DEPTH : 12510  
 OPERATOR : OSBORNE      WELL : NO.8-1 GOLDAPP  
 LOCATION : 8100 FSL 26000 FEL      SEC:      TNSP :      RNG :      SUR : A-166, LOT 4 WELLHAUSEN SD

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	244	244	0	0	244	SH,SD	
ZONE 2 (-0 TO -2000)	244	0	2244	- 2000	40	2000	SH,SD	
ZONE 3 (-2000 -4000)	2244	- 2000	4244	- 4000	60	2000	SH,SD	
ZONE 4 (-4000 -6000)	4244	- 4000	6244	- 6000	20	2000	SH,SD	
ZONE 5 (-6000 -8000)	6244	- 6000	8244	- 8000	70	2000	SH,SD	
ZONE 6 (-8000 -10000)	8244	- 8000	10244	-10000	20	2000	SH,SD	
ZONE 7 (-10000-12000)	10244	-10000	12244	-12000	40	2000	SH,SD	
ZONE 8 (-12000-14000)	12244	-12000	12510	-12266	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PH - JIM WELLS      WELL ID NO. : 81B21      ELEVATION : 140      TOTAL DEPTH : 6170  
 OPERATOR : HOWELL      WELL : NO.1 THOMPSON  
 LOCATION : LOT 1      SEC:      TNSP :      RNG :      SUR : LOS PRESNOS

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	140	140	0	0	140	SH,SD	
ZONE 2 (-0 TO -2000)	140	0	2140	- 2000	55	2000	SH,SD	
ZONE 3 (-2000 -4000)	2140	- 2000	4140	- 4000	160	2000	SH,SD	
ZONE 4 (-4000 -6000)	4140	- 4000	6140	- 6000	140	2000	SH,SD	
ZONE 5 (-6000 -8000)	6140	- 6000	6170	- 6030	----		SH,SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PZ - KARNES                      WELL ID NO. : 47802                      ELEVATION : 410                      TOTAL DEPTH : 11310  
 OPERATOR : BRIGHT AND SCHIFF                      WELL : NO.1 CREWS ESTATE  
 LOCATION : 660 FNL, 6820 FWL                      SEC:                      TNSP :                      RNG :                      SUR : WM, G. EVANS A-100

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	3948	- 3538	7480	- 7070	1670	3532	SD, SH	
AUSTIN GP	10345	- 9935	10690	-10280	----	345	CHK, MRL	
EAGLE FORD GP	10690	-10280	10872	-10462	----	182	SH, SHY LS	
WASHITA GP	10872	-10462	11060	-10650	----	188	LS, SH	
EDWARDS FM	11060	-10650	11310	-10900	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PZ - KARNES            WELL ID NO. : 47B03            ELEVATION : 346            TOTAL DEPTH : 9230  
 OPERATOR : ADA OIL CO.            WELL : NO.1 JOYCE NANCE  
 LOCATION : 5400 FNEL, 5500 FSEL    SEC:            TNSP :            RNG :            SUR : JAMES W. FANNIN A-111

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
CARRIZO-WILCOX GP	2420	- 2074	5615	- 5269	1100	3195	SD, SH	
AUSTIN GP	8200	- 7854	8440	- 8094	-----	240	CHK, MRL	
EAGLE FORD GP	8440	- 8094	8573	- 8227	-----	133	SH, SHY LS	
WASHITA GP	8573	- 8227	8740	- 8394	-----	167	LS, SH	
EDWARDS FM	8740	- 8394	9230	- 8884	-----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PZ - KARNES            WELL ID NO. : 64A02            ELEVATION : 336            TOTAL DEPTH : 11495  
 OPERATOR : BRIGHT AND SCHIFF            WELL : NO.1 KUNKEL  
 LOCATION : 20,400 FWL, 21,000 FSL    SEC:            TNSP :            RNG :            SUR : DON ERASMO SEGUIN GRT,A10

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	336	336	0	0	336	SH,SD	
ZONE 2 (-0 TO -2000)	336	0	2336	- 2000	80	2000	SD,SH	
ZONE 3 (-2000 -4000)	2336	- 2000	3820	- 3484	580	1484	SD,SH	
CARRIZO-WILCOX SD	3820	- 3484	7490	- 7154	1130	3670	SD, SH	
AUSTIN GP	10338	-10002	10400	-10064	----	62	CHK, MRL	
EAGLE FORD GP	10400	-10064	10475	-10139	----	75	SH, SHY LS	FLT
WASHITA GP	10475	-10139	10770	-10434	----	295	LS, SH	
EDWARDS FM	10770	-10434	11400	-11064	----	630	LS, DOL	
GLEN ROSE FM	11400	-11064	11495	-11159	----		LS, DOL	TD

REMARKS  
 200 FT. F/O AT 10400

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PZ - KARNES                      WELL ID NO. : 64A06                      ELEVATION : 436                      TOTAL DEPTH : 12231  
 OPERATOR : LONE STAR PROD. CO.                      WELL : NO.1 J.B. WOFFARD  
 LOCATION : 150 FEL, 1650 FSL                      SEC:                      TNSP :                      RNG :                      SUR : JOHN E. EUBANKS A-107

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	3905	- 3469	7430	- 6994	1200	3525	SD, SH	
AUSTIN GP	10820	-10384	11010	-10574	----	190	CHK, MRL	
EAGLE FORD GP	11010	-10574	11240	-10804	----	230	SH, SHY LS	
WASHITA GP	11240	-10804	11578	-11142	----	338	LS, SH	
EDWARDS FM	11578	-11142	12231	-11795	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PZ - KARNES                      WELL ID NO. : 65A01                      ELEVATION : 385                      TOTAL DEPTH : 11254  
 OPERATOR : STD. OF TEXAS                      WELL : NO.1 C.J. MOCZYGEMBA  
 LOCATION : 660 FNWL, 660 FSWL                      SEC:                      TNSP :                      RNG :                      SUR : ANDRES HERNANDEZ A-4

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	3794	- 3409	7292	- 6907	-----	3498	SD, SH	
AUSTIN GP	10350	- 9965	10430	-10045	-----	80	CHK, MRL	FLT
EAGLE FORD GP	10430	-10045	10538	-10153	-----	108	SH, SHY LS	
WASHITA GP	10538	-10153	10820	-10435	-----	282	LS, SH	
EDWARDS FM	10820	-10435	11254	-10869	-----		LS, DOL	TD

REMARKS  
 300 FT. F/O AT 10350

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PZ - KARNES                      WELL ID NO. : 65A02                      ELEVATION : 249                      TOTAL DEPTH : 13392  
 OPERATOR : STD. OF TEXAS                      WELL : NO.1 IDA PACE  
 LOCATION : 1050 FSWL, 3300 FSEL                      SEC:                      TNSP :                      RNG :                      SUR : RAMON MUSQUIZ A-7

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	249	249	0	0	249	SH,SD	
ZONE 2 (-0 TO -2000)	249	0	2249	- 2000	140	2000	SD,SH	
ZONE 3 (-2000 -4000)	2249	- 2000	4249	- 4000	480	2000	SD,SH	
ZONE 4 (-4000 -6000)	4249	- 4000	5640	- 5391	30	1391	SH,SD	
CARRIZO-WILCOX SD	5640	- 5391	9140	- 8891	1170	3500	SD, SH	
AUSTIN GP	12600	-12351	12840	-12591	----	240	CHK, MRL	
EAGLE FORD GP	12840	-12591	13020	-12771	----	180	SH, SHY LS	
WASHITA GP	13020	-12771	13150	-12901	----	130	LS, SH	
EDWARDS FM	13150	-12901	13392	-13143	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PZ - KARNES            WELL TD NO. : 65A03            ELEVATION : 380            TOTAL DEPTH : 14599  
 OPERATOR : TEXAS EASTERN TRANS.    WELL : NO.1 ETHLEEN HUBBLE  
 LOCATION : 1300 FSEL, 2310 FNEL    SEC:            TNSP :            RNG :            SUR : J.T. PRICE A-234

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	6360	- 5980	9800	- 9420	----	3440	SD, SH	
AUSTIN GP	13125	-12745	13420	-13040	----	295	CHK, MRL	
EAGLE FORD GP	13420	-13040	13690	-13310	----	270	SH, SHY LS	
WASHITA GP	13690	-13310	13780	-13400	----	90	LS, SH	
EDWARDS-GLEN ROSE FMS	13780	-13400	14599	-14219	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PZ - KARNES                      WELL ID NO. : 65A05                      ELEVATION : 330                      TOTAL DEPTH : 11415  
 OPERATOR : COASTAL STATES PROD.                      WELL : NO.1 P.P. MORAWIETZ  
 LOCATION : 5300 FNEL, 467 FSEL                      SEC:                      TNSP :                      RNG :                      SUR : LOUIS MANCHACA GRT A-5

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	3250	- 2920	6745	- 6415	----	3495	SD, SH	
AUSTIN GP	10087	- 9757	10353	-10023	----	266	CHK, MRL	
EAGLE FORD GP	10353	-10023	10600	-10270	----	247	SH, SHY LS	EST
WASHITA GP	10600	-10270	11040	-10710	----	440	LS, SH	
EDWARDS FM	11040	-10710	11415	-11085	----		LS, DOL	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RD - KENEDY      WELL ID NO. : 84R20      ELEVATION : 41      TOTAL DEPTH : 11560  
 OPERATOR : HUMBLE OIL AND REF.      WELL : NO.2-B KFNEDY  
 LOCATION : 660 FN+EL OF LOT 12 TR 6 SEC:      TNSP :      RNG :      SUR : JUAN ANTONIO BOLLI GRANT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	41	41	0	0	41	SH,SD	
ZONE 2 (-0 TO -2000)	41	0	2041	- 2000	90	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2041	- 2000	4041	- 4000	340	2000	SH,SD	
ZONE 4 (-4000 -6000)	4041	- 4000	6041	- 6000	430	2000	SH,SD	
ZONE 5 (-6000 -8000)	6041	- 6000	8041	- 8000	525	2000	SH,SD	
ZONE 6 (-8000 -10000)	8041	- 8000	10041	-10000	150	2000	SH,SD	
ZONE 7 (-10000-12000)	10041	-10000	11560	-11519	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RD - KENEDY      WELL ID NO. : 84821      ELEVATION : 27      TOTAL DEPTH : 10934  
 OPERATOR : HUMBLE OIL AND REF.      WELL : NO.1-G KENEDY  
 LOCATION : 20650 FSL, 11200 FEL      SEC:      TNSP :      RNG :      SUR : A-37 LA PARRA GRANT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	27	27	0	0	27	SH,SD	
ZONE 2 (-0 TO -2000)	27	0	2027	- 2000	130	2000	SH,SD	
ZONE 3 (-2000 -4000)	2027	- 2000	4027	- 4000	140	2000	SH,SD	
ZONE 4 (-4000 -6000)	4027	- 4000	6027	- 6000	340	2000	SH,SD	
ZONE 5 (-6000 -8000)	6027	- 6000	8027	- 8000	290	2000	SH,SD	
ZONE 6 (-8000 -10000)	8027	- 8000	10027	-10000	600	2000	SH,SD	
ZONE 7 (-10000-12000)	10027	-10000	10934	-10907	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RD - KENEDY      WELL ID NO. : 91A20      ELEVATION : 37      TOTAL DEPTH : 16000  
 OPERATOR : HUMBLE OIL AND REF.      WELL : NO.8 ARMSTRONG  
 LOCATION : 21601 FNL 22500 FSL OF GRSEC:      TNSP :      RNB :      SUR : A-13 BARRETA GRANT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	37	37	0	0	37	SH,SD	
ZONE 2 (-0 TO -2000)	37	0	2037	- 2000	90	2000	SH,SD	
ZONE 3 (-2000 -4000)	2037	- 2000	4037	- 4000	560	2000	SH,SD	
ZONE 4 (-4000 -6000)	4037	- 4000	6037	- 6000	620	2000	SH,SD	
ZONE 5 (-6000 -8000)	6037	- 6000	8037	- 8000	600	2000	SH,SD	
ZONE 6 (-8000 -10000)	8037	- 8000	10037	-10000	520	2000	SH,SD	
ZONE 7 (-10000-12000)	10037	-10000	12037	-12000	210	2000	SH,SD	
ZONE 8 (-12000-14000)	12037	-12000	14037	-14000	140	2000	SH,SD	
ZONE 9 (-14000-16000)	14037	-14000	16000	-15963	30		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RD - KENEDY                      WELL ID NO. : 91820                      ELEVATION :    42                      TOTAL DEPTH : 10558  
 OPERATOR : ABERCROMBIE                      WELL : NO.1 I.Y. GARCIA  
 LOCATION : A-8, TR 1                      SEC:                      TNSP :                      RNG :                      SUR : SAN JUAN CARRICITOS GRANT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	42	42	0	0	42	SH,SD	
ZONE 2 (-0 TO -2000)	42	0	2042	- 2000	110	2000	SH,SD	
ZONE 3 (-2000 -4000)	2042	- 2000	4042	- 4000	430	2000	SH,SD	
ZONE 4 (-4000 -6000)	4042	- 4000	6042	- 6000	350	2000	SH,SD	
ZONE 5 (-6000 -8000)	6042	- 6000	8042	- 8000	150	2000	SH,SD	
ZONE 6 (-8000 -10000)	8042	- 8000	10042	-10000	210	2000	SH,SD	
ZONE 7 (-10000-12000)	10042	-10000	10558	-10516	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD · SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RD - KENEDY      WELL ID NO. : 91821      ELEVATION : 30      TOTAL DEPTH : 12001  
 OPERATOR : HUMBLE OIL AND REF      WELL : NO.1 KING RANCH-TIO MOYA  
 LOCATION : UNAVAILABLE      SEC :      TNSP :      RNG :      SUR : SAN JUAN CARRICITOS GRANT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	30	30	0	0	30	SH,SD	
ZONE 2 (-0 TO -2000)	30	0	2030	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2030	- 2000	4030	- 4000	290	2000	SH,SD	
ZONE 4 (-4000 -6000)	4030	- 4000	6030	- 6000	620	2000	SH,SD	
ZONE 5 (-6000 -8000)	6030	- 6000	8030	- 8000	280	2000	SH,SD	
ZONE 6 (-8000 -10000)	8030	- 8000	10030	-10000	610	2000	SH,SD	
ZONE 7 (-10000-12000)	10030	-10000	12001	-11971	500		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RR - KLEBERG      WELL ID NO. : 84A20      ELEVATION : 50      TOTAL DEPTH : 15930  
 OPERATOR : LONE STAR PROD. CO.      WELL : NO.1 BESSIE MUIL  
 LOCATION : LOT 9      SEC:      TNSP : 54      RNG :      SUR : RINCON DEL GRULLO,A-101

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	50	50	0	0	50	SH,SD	
ZONE 2 (-0 TO -2000)	50	0	2050	- 2000	75	2000	SH,SD	
ZONE 3 (-2000 -4000)	2050	- 2000	4050	- 4000	330	2000	SH,SD	
ZONE 4 (-4000 -6000)	4050	- 4000	6050	- 6000	540	2000	SH,SD	
ZONE 5 (-6000 -8000)	6050	- 6000	8050	- 8000	390	2000	SH,SD	
ZONE 6 (-8000 -10000)	8050	- 8000	10050	-10000	520	2000	SH,SD	
ZONE 7 (-10000-12000)	10050	-10000	12050	-12000	55	2000	SH,SD	
ZONE 8 (-12000-14000)	12050	-12000	14050	-14000	70	2000	SH,SD	
ZONE 9 (-14000-16000)	14050	-14000	15930	-15880	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : RR - KLEBERG      WELL ID NO. : 84A21      ELEVATION : 35      TOTAL DEPTH : 10475  
 OPERATOR : HUMBLE OIL AND REF.      WELL : NO.3 KING RANCH-ALAZAM  
 LOCATION : 11579 FNL, 20900 FWL      SEC:      TNSP :      RNG :      SUR : EL ALAZAN GRANT,A-241

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	35	35	0	0	35	SH,SD	
ZONE 2 (-0 TO -2000)	35	0	2035	- 2000	120	2000	SH,SD	
ZONE 3 (-2000 -4000)	2035	- 2000	4035	- 4000	270	2000	SH,SD	
ZONE 4 (-4000 -6000)	4035	- 4000	6035	- 6000	560	2000	SH,SD	
ZONE 5 (-6000 -8000)	6035	- 6000	8035	- 8000	520	2000	SH,SD	
ZONE 6 (-8000 -10000)	8035	- 8000	10035	-10000	820	2000	SH,SD	
ZONE 7 (-10000-12000)	10035	-10000	10475	-10440	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RR - KLEBERG      WELL ID NO. : 85A21      ELEVATION : 130      TOTAL DEPTH : 7200  
 OPERATOR : HUMBLE OIL AND REF.      WELL : NO.E-18 KING RANCH  
 LOCATION : 660 FWL, 990 FNL      SEC:      TNSP :      RNG :      SUR : A-166 G+H

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	130	130	0	0	130	SH,SD	
ZONE 2 (-0 TO -2000)	130	0	2130	- 2000	90	2000	SH,SD	
ZONE 3 (-2000 -4000)	2130	- 2000	4130	- 4000	310	2000	SH,SD	
ZONE 4 (-4000 -6000)	4130	- 4000	6130	- 6000	360	2000	SH,SD	
ZONE 5 (-6000 -8000)	6130	- 6000	7200	- 7070	----		SH,SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RR - KLEBERG WELL ID NO. : 85A22 ELEVATION : 120 TOTAL DEPTH : 11553

OPERATOR : SUN OIL CO. WELL : NO.4 E.G. CANALES

LOCATION : APPROX. 300 FS+WL SEC: TNSP : RNG : SUR : A-339, CCSD+RGNG

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	120	120	0	0	120	SH,SD	
ZONE 2 (-0 TO -2000)	120	0	2120	- 2000	110	2000	SH,SD	
ZONE 3 (-2000 -4000)	2120	- 2000	4120	- 4000	500	2000	SH,SD	
ZONE 4 (-4000 -6000)	4120	- 4000	6120	- 6000	540	2000	SH,SD	
ZONE 5 (-6000 -8000)	6120	- 6000	8120	- 8000	520	2000	SH,SD	
ZONE 6 (-8000 -10000)	8120	- 8000	10120	-10000	30	2000	SH,SD	
ZONE 7 (-10000-12000)	10120	-10000	11553	-11433	60		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 62B02      ELEVATION : 499      TOTAL DEPTH : 10742  
 OPERATOR : SHELL OIL CO.      WELL : NO.1 J.L. MATTHEWS  
 LOCATION : 2500 FNWL, 2100 FNEL      SEC:      TNSP :      RNG :      SUR : I. AND G.N., 2, A-328

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	1555	- 1056	3350	- 2851	400	1795	SD, SH	EST
ESCONDIDO SD	3890	- 3391	4030	- 3531	30	140	SD, SH	
OLMOS SD	4908	- 4409	5230	- 4731	95	322	SD, SH	
AUSTIN GP	6818	- 6319	7265	- 6766	-----	447	CHK, MRL	
EAGLE FORD GP	7265	- 6766	7470	- 6971	-----	205	SH, SHY LS	
WASHITA GP	7470	- 6971	7745	- 7246	-----	275	LS, SH	
EDWARDS FM	7745	- 7246	8625	- 8126	-----	880	LS, DOL	
GLEN ROSE FM	8625	- 8126	10742	-10243	-----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 63803      ELEVATION : 425      TOTAL DEPTH : 9253  
 OPERATOR : TEXAS CO.      WELL : NO.1 LASALLE CO.  
 LOCATION : 3900 FSL, 1600 FEL      SEC:      TNSP :      RNG :      SUR : PETER MCGREAL,937,A-582

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	2135	- 1710	4560	- 4135	----	2425	SD, SH	
OLMOS SD	6350	- 5925	6580	- 6155	55	230	SD, SH	
AUSTIN GP	8053	- 7628	8270	- 7845	----	217	CHK, MRL	
EAGLE FORD GP	8270	- 7845	8511	- 8086	----	241	SH, SHY LS	
WASHITA GP	8511	- 8086	8770	- 8345	----	259	LS, SH	
EDWARDS FM	8770	- 8345	9253	- 8828	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 63B04      ELEVATION : 439      TOTAL DEPTH : 12500  
 OPERATOR : AULD AND SHIPMAN      WELL : NO.1 MABLE WILSON  
 LOCATION : 3960 FSEL, 660 FNEL      SEC:      TNSP :      RNG :      SUR : G. AND O.B. R.R., 307, A800

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	2414	- 1975	4505	- 4066	365	2091	SD, SH	EST
OLMOS SD	6380	- 5941	6710	- 6271	60	330	SD, SH	
AUSTIN GP	8070	- 7631	8355	- 7916	----	285	CHK, MRL	
EAGLE FORD GP	8355	- 7916	8596	- 8157	----	241	SH, SHY LS	
WASHITA GP	8596	- 8157	8870	- 8431	----	274	LS, SH	
EDWARDS FM	8870	- 8431	9680	- 9241	----	810	LS, DOL	
GLEN ROSE FM	9680	- 9241	11612	-11173	----	1932	LS, DOL	EST
PEARSALL FM	11612	-11173	12059	-11620	----	447	SH, LS	
SLIGO FM	12059	-11620	12500	-12061	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 74A02      ELEVATION : 380      TOTAL DEPTH : 10960  
 OPERATOR : GULF OIL CORP.      WELL : NO.1 NAYLOR JONES  
 LOCATION : 660 FSL, 660 FEL      SEC: 196      TNSP :      RNG :      SUR : W.A. WAUGH A-1094

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	2684	- 2304	5390	- 5010	920	2706	SD, SH	
AUSTIN GP	9268	- 8888	9580	- 9200	----	312	CHK, MRL	
EAGLE FORD GP	9580	- 9200	9780	- 9400	----	200	SH, SHY LS	
WASHITA GP	9780	- 9400	9980	- 9600	----	200	LS, SH	
EDWARDS FM	9980	- 9600	10910	-10530	----	930	LS, DOL	
GLEN ROSE FM	10910	-10530	10960	-10580	----		LS, DOL	TD

REMARKS  
 TOP OF GLEN ROSE IS ESTIMATED.

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 74A23      ELEVATION : 408      TOTAL DEPTH : 10510  
 OPERATOR : KIRKWOOD DRLG. CO.      WELL : NAYLOR + JONES  
 LOCATION :

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SEC:	TNSP :	RNG :	SUR :				
ZONE 1 ABOVE SEA LEV.	0		408	408	0	20	408	SH,SD	
ZONE 2 (-0 TO -2000)	408		0	2408	- 2000	440	2000	SD,SH	
ZONE 3 (-2000 -4000)	2408		- 2000	2870	- 2462	0	462	SD,SH	
CARRIZO-WILCOX SD	2870		- 2462	5740	- 5332	290	2870		

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 74821      ELEVATION : 373      TOTAL DEPTH : 7133  
 OPERATOR : QUINTANA PETR. CORP.      WELL : NO.D-1 SO.TEXAS SYNDICATE  
 LOCATION : 2010 FWL,1210 FSL      SEC:      TNSP :      RNG :      SUR : H.+G.N. SUR.NO.8

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	373	373	0	0	373	SH,SD	
ZONE 2 (-0 TO -2000)	373	0	2373	- 2000	110	2000	SD,SH	
ZONE 3 (-2000 -4000)	2373	- 2000	3950	- 3577	890	1577	SD,SH	
CARRIZO-WILCOX SD	3950	- 3577	6730	- 6357	760	2780	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 75A01      ELEVATION : 499      TOTAL DEPTH : 10510  
 OPERATOR : STANOLIND OIL AND GAS      WELL : NO.1 M.L. MAYWALD  
 LOCATION : 660 FWL, 990 FNL      SEC:      TNSP :      RNG :      SUR : SUR. NO.109, A-32

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	2020	- 1521	4470	- 3971	1000	2450	SD, SH	
AUSTIN GP	8933	- 8434	9402	- 8903	----	469	CHK, MRL	
EAGLE FORD GP	9402	- 8903	9610	- 9111	----	208	SH, SHY LS	
WASHITA GP	9610	- 9111	9720	- 9221	----	110	LS, SH	
EDWARDS-GLEN ROSE FMS	9720	- 9221	10510	-10011	----		LS, DOL	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 75A02      ELEVATION : 446      TOTAL DEPTH : 12364  
 OPERATOR : PLYMOUTH OIL CO.      WELL : NO.1 ARCHBISHOP-SAN ANTONIO  
 LOCATION : 660 FN AND ELS      SEC:      TNSP :      RNG :      SUR : H. AND G.N. R.R., 164

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	3090	- 2644	5740	- 5294	750	2650	SD, SH	
AUSTIN GP	9830	- 9384	10112	- 9666	----	282	CHK, MRL	FLT
EAGLE FORD GP	10112	- 9666	10265	- 9819	----	153	SH, SHY LS	
WASHITA GP	10265	- 9819	10400	- 9954	----	135	LS, SH	
EDWARDS-GLEN ROSE FMS	10400	- 9954	12364	-11918	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 75A03      ELEVATION : 430      TOTAL DEPTH : 10412  
 OPERATOR : GILBERT L. BROWN      WELL : NO.1 H.O. STOREY  
 LOCATION :      SEC :      TNSP :      RNG :      SUR : L. AND G.N. R.R., 6, A390

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	2523	- 2093	5100	- 4670	1050	2577	SD SH	
ESCONDIDO SD	5800	- 5370	6035	- 5605	8	235	SD, SH	
OLMOS SD	7206	- 6776	7450	- 7020	35	244	SD, SH	
AUSTIN GP	9095	- 8665	9290	- 8860	----	195	CHK, MRL	
EAGLE FORD GP	9290	- 8860	9475	- 9045	----	185	SH, SHY LS	
WASHITA GP	9475	- 9045	9735	- 9305	----	260	LS, SH	
EDWARDS FM	9735	- 9305	10412	- 9982	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 75A20      ELEVATION : 435      TOTAL DEPTH : 5205  
 OPERATOR : MOORE-FIELD OIL CORP.      WELL : NO.1 HOFF  
 LOCATION : 330 FNL, 2500 FEL      SEC:      TNSP :      RNG :      SUR : H.+G.N.RR SUR.=228 A-1146

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	435	435	0	0	435	SD,SH	
ZONE 2 (-0 TO -2000)	435	0	2435	- 2000	60	2000	SD,SH	
ZONE 3 (-2000 -4000)	2435	- 2000	2476	- 2041	0	41	SD,SH	
CARRIZO-WILCOX SD	2476	- 2041	5210	- 4775	490	2734	SD,SH	EQV

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO : 75A21      ELEVATION : 484      TOTAL DEPTH : 5547  
 OPERATOR : GILBERT L. BROWN      WELL : NO.1 GIRARD  
 LOCATION : 330 FNL,330 FEL      SEC:      TNSP :      RNG :      SUR : SUR.NO.91,ABS. NO.19

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	484	484	0	0	484	SD,SH	
ZONE 2 (-0 TO -2000)	484	0	1545	- 1061	0	1061	SD,SH	
CARRIZO-WILCOX SD	1545	- 1061	4460	- 3976	570	2915		

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 75B02      ELEVATION : 584      TOTAL DEPTH : 10349  
 OPERATOR : WESTLAND OIL CO      WELL : NO.1 A.L. KRAUSE  
 LOCATION : 4550 FNEL, 1700 FNNL      SEC:      TNSP :      RNG :      SUR : ATASCOSA CITY SCHL. LAND

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
CARRIZO-WILCOX GP	2136	- 1552	4700	- 4116	1070	2564	SD, SH	
OLMOS SD	7010	- 6426	7080	- 6496	8	70	SD, SH	
AUSTIN GP	9210	- 8626	9770	- 9186	----	560	CHK, MRL	
EAGLE FORD GP	9770	- 9186	9916	- 9332	----	146	SH, SHY LS	
WASHITA GP	9916	- 9332	9916	- 9332	----	0	LS, SH	UNC
EDWARDS FM	9916	- 9332	10349	- 9765	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 75B03      ELEVATION : 505      TOTAL DEPTH : 12175  
 OPERATOR : KIRKWOOD DRLG CO.      WELL : NO.1 MARTIN  
 LOCATION : 660 FN AND ELS      SEC:      TNSP :      RNG :      SUR : J.M. MARTIN, 698, A-1290

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	505	505	0	0	505	SH,SD	
ZONE 2 (-0 TO -2000)	505	0	2405	- 1900	270	1900	SD,SH	
CARRIZO-WILCOX SD	2405	- 1900	5140	- 4635	600	2735	SD, SH	
AUSTIN GP	9928	- 9423	10318	- 9813	----	390	CHK, MRL	
EAGLE FORD GP	10318	- 9813	10500	- 9995	----	182	SH, SHY LS	
WASHITA GP	10500	- 9995	10670	-10165	----	170	LS, SH	
EDWARDS-GLEN ROSE FMS	10670	-10165	12175	-11670	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RX - LA SALLE      WELL ID NO. : 75820      ELEVATION : 303      TOTAL DEPTH : 6125  
 OPERATOR : HAYNES + V.T. ORLG.CO      WELL : NO.1 MOBIL MINERALS  
 LOCATION : 660 FNL, 6000 FEL      SEC:      TNSP :      RNG :      SUR : H\*GN RR CO. SUR.=1,A-316

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	303	303	0	0	303	SH,SD	
ZONE 2 (-0 TO -2000)	303	0	2303	- 2000	120	2000	SH,SD	
ZONE 3 (-2000 -4000)	2303	- 2000	3456	- 3153	690	1153	SD,SH	
CARRIZO-WILCOX SD	3456	- 3153	6125	- 5822	125+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RY - LAVACA      WELL ID NO. : 01A01      ELEVATION : 275      TOTAL DEPTH : 14504  
 OPERATOR : SOHIO PETR CO.      WELL : NO.1 PONISH  
 LOCATION : 5580 FSWL, 1580 FSEL      SEC:      TNSP :      RNG :      SUR : G.W. AND SCOTT A-45

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	5522	- 5247	9545	- 9270	1400	4023	SD, SH	
AUSTIN GP	12290	-12015	12730	-12455	-----	440	CHK, MRL	
EAGLE FORD GP	12730	-12455	12937	-12662	-----	207	SH, SHY LS	
WASHITA GP	12937	-12662	13280	-13005	-----	343	LS, SH	
EDWARDS-GLEN ROSE FMS	13280	-13005	14504	-14229	-----		LS, DOL	TD



TEXAS WATER DEVELOPMENT BOARD - SAITNE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RY - LAVACA      WELL ID NO. : 1B21      ELEVATION : 261      TOTAL DEPTH : 10960

OPERATOR : CITILS SERVICE OIL CO      WELL : NO.1 UNDERWOOD

LOCATION : 660 FSEL, 2000 FSWL      SEC:      TNSP :      RNG :      SUR : F.FUCHS SURVEY A-182

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	261	261	0	0	261	SH,SD	
ZONE 2 (-0 TO -2000)	261	0	2261	- 2000	100	2000	SH,SD	
ZONE 3 (-2000 -4000)	2261	- 2000	4261	- 4000	200	2000	SH,SD	
ZONE 4 (-4000 -6000)	4261	- 4000	6261	- 6000	170	2000	SH,SD	
ZONE 5 (-6000 -8000)	6261	- 6000	7000	- 6739	0	739	SH	
CARRIZO-WILCOX SD	7000	- 6739	10450	-10189	1400	3450	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RY - LAVACA            WELL ID NO. : 1B20            ELEVATION : 161            TOTAL DEPTH : 9410  
 OPERATOR : NORTH CENTRAL OIL            WELL : NO.1 EAVES  
 LOCATION : 660 FEL, 660 FS#LY SL            SEC:            TNSP :            RNG :            SUR : JAS. CHESHER SR-SUR-A-113

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	161	161	0	0	161	SH,SD	
ZONE 2 (-0 TO -2000)	161	0	2161	- 2000	115	2000	SD,SH	
ZONE 3 (-2000 -4000)	2161	- 2000	4161	- 4000	500	2000	SD,SH	
ZONE 4 (-4000 -6000)	4161	- 4000	6161	- 6000	0	2000	SH	
ZONE 5 (-6000 -8000)	6161	- 6000	8161	- 8000	0	2000	SH	
ZONE 6 (-8000 -10000)	8161	- 8000	8368	- 8207	0	207	SH	
CARRIZO-WILCOX SD	8368	- 8207	9410	- 9249	330+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RY - LAVACA      WELL ID NO. : 01B01      ELEVATION : 277      TOTAL DEPTH : 17000  
 OPERATOR : MOBIL OIL CO.      WELL : NO.1 SPANIHEL  
 LOCATION : 3450 FSNL, 8000 FEEL      SEC:      TNSP :      RNG :      SUR : JAS. KERR A-24

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUR-SEA	DEPTH	SUR-SEA	DEPTH				
CARRIZO-WILCOX GP	5830	- 5553	9265	- 8988	1275	3435	SD, SH		
AUSTIN GP	12742	-12465	13070	-12793	----	328	CHK, MRL		
EAGLE FORD GP	13070	-12793	13170	-12893	----	100	SH, SHY LS		
WASHITA GP	13170	-12893	13530	-13253	----	360	LS, SH		
EDWARDS-GLEN ROSE FMS	13530	-13253	15730	-15453	----	2200	LS, DOL		
PEARSALL FM	15730	-15453	16185	-15908	----	455	SH, SHY LS		
SLIGO FM	16185	-15908	17000	-16723	----		LS, SH		TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RY - LAVACA      WELL ID NO. : 46A04      ELEVATION : 276      TOTAL DEPTH : 14550  
 OPERATOR : MOBIL OIL CO.      WELL : NO.1 JIM ORSAK  
 LOCATION : 2000 W AND 700 N FNWC      SFC :      TNSP :      RNG :      SUR : JAS. KERR A-24

FORMATION	DEPTH	TOP	SUB-SEA	DEPTH	BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	5910	-	5634	9520	-	9244	1350	3610	SD, SH	
AUSTIN GP	12710	-	12434	13393	-	13117	----	683	CHK, MRL	
FAGLE FORD GP	13393	-	13117	13505	-	13229	----	112	SH, SHY LS	EST
WASHITA GP	13505	-	13229	13580	-	13304	----	75	LS, SH	EST
EDWARDS FM	13580	-	13304	14370	-	14094	----	790	LS, DOL	EST
GLEN ROSE FM	14370	-	14094	14550	-	14274	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HY - LAVACA WELL ID NO. : 46A20 ELEVATION : 255 TOTAL DEPTH : 14360

OPERATOR : MOBIL OIL CO. WELL : NO.1 KAHANEK

LOCATION : 776 F OF NWC#660 N OF NWCSEC: TNSP : RNG : SUR : M.CALDWELL SUR. 13A-5

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	255	255	0	0	255	SH,SD	
ZONE 2 (-0 TO -2000)	255	0	2255	- 2000	100	2000	SD,SH	
ZONE 3 (-2000 -4000)	2255	- 2000	4255	- 4000	230	2000	SH,SD	
ZONE 4 (-4000 -6000)	4255	- 4000	5740	- 5485	0	1485	SH	
CARRIZO-WILCOX SD	5740	- 5485	9320	- 9065	1700	3580	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SB - LIBERTY      WELL ID NO. : 5821      ELEVATION : 135      TOTAL DEPTH : 12019  
 OPERATOR : SUN OIL CO.      WELL : NO.1 QUINN  
 LOCATION : 6000 FWL, 4100 FSL      SEC:      TNSP :      RNG :      SUR : JAMES HUMPHREYS SUR-A-212

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	135	135	0	0	135	SH,SD	
ZONE 2 (-0 TO -2000)	135	0	2135	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2135	- 2000	4135	- 4000	280	2000	SH,SD	
ZONE 4 (-4000 -6000)	4135	- 4000	6135	- 6000	190	2000	SH,SD	
ZONE 5 (-6000 -8000)	6135	- 6000	8135	- 8000	570	2000	SD,SH	
ZONE 6 (-8000 -10000)	8135	- 8000	9745	- 9610	0	1610		
CARRIZO-WILCOX SD	9745	- 9610	12019	-11884	450+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SB - LIBERTY      WELL ID NO. : 5C20      ELEVATION : 62      TOTAL DEPTH : 15005  
 OPERATOR : WOODLEY PET.CO.      WELL : NO.1 CESSNA  
 LOCATION : 624 FNL, 17 FEL      SEC:      TNSP :      RNG :      SUR : A.B.HARDIN SUR.A-46

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	62	62	0	0	62	SH,SD	
ZONE 2 (-0 TO -2000)	62	0	2062	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2062	- 2000	4062	- 4000	380	2000	SD,SH	
ZONE 4 (-4000 -6000)	4062	- 4000	6062	- 6000	480	2000	SH,SD	
ZONE 5 (-6000 -8000)	6062	- 6000	8062	- 8000	125	2000	SH,SD	
ZONE 6 (-8000 -10000)	8062	- 8000	10062	-10000	40	2000	SH,SD	
ZONE 7 (-10000-12000)	10062	-10000	11725	-11663	0	1663	SH	
CARRIZO-WILCOX SD	11725	-11663	15005	-14943	0+		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SB - LIBERTY      WELL ID NO. : 12A20      ELEVATION : 30      TOTAL DEPTH : 14020  
 OPERATOR : ADA OIL CO.      WELL : NO.1 AYERS  
 LOCATION : FR SW/C OF JAMES S. MAYFLSEC:      TNSP :      RNG :      SUR : JOSEPH DUGAT SUR.A-175

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	30	30	0	0	30	SH,SD	
ZONE 2 (-0 TO -2000)	30	0	2030	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2030	- 2000	4030	- 4000	450	2000	SD,SH	
ZONE 4 (-4000 -6000)	4030	- 4000	6030	- 6000	380	2000	SD,SH	
ZONE 5 (-6000 -8000)	6030	- 6000	8030	- 8000	930	2000	SD,SH	
ZONE 6 (-8000 -10000)	8030	- 8000	10030	-10000	330	2000	SH,SD	
ZONE 7 (-10000-12000)	10030	-10000	12030	-12000	60	2000	SH,SD	
ZONE 8 (-12000-14000)	12030	-12000	14020	-13990	250*		SH,SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SB - LIBERTY      WELL ID NO. : 13A21      ELEVATION : 60      TOTAL DEPTH : 8023  
 OPERATOR : PETREX OIL CORP      WELL : NO.1 BOYT  
 LOCATION : 660 FSL, 1980 FEL      SEC:      TNSP :      RNG :      SUR : GC + SFRR SUR. A-455

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	60	60	0	0	60	SH,SD	
ZONE 2 (-0 TO -2000)	60	0	2060	- 2000	410	2000	SD,SH	
ZONE 3 (-2000 -4000)	2060	- 2000	4060	- 4000	690	2000	SD,SH	
ZONE 4 (-4000 -6000)	4060	- 4000	6060	- 6000	760	2000	SD,SH	
ZONE 5 (-6000 -8000)	6060	- 6000	8023	- 7963	790+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SJ - LIVE OAK      WELL ID NO. : 64805      ELEVATION : 375      TOTAL DEPTH : 12391  
 OPERATOR : STEWART PETROLEUM CO.      WELL : NO.1 MC ILVAINE  
 LOCATION : 5270 FWL, 330 FNL      SEC:      TNSP :      RNG :      SUR : SINGLETON HOUSE SUR. A219

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	375	375	0	0	375	SH,SD	
ZONE 2 (-0 TO -2000)	375	0	2375	- 2000	610	2000	SD,SH	
ZONE 3 (-2000 -4000)	2375	- 2000	4340	- 3965	340	1965	SH,SD	
CARRIZO-WILCOX SD	4340	- 3965	7670	- 7295	380	3330	SD, SH	
AUSTIN GP	11320	-10945	11486	-11111	----	166	CHK, MRL	
EAGLE FORD GP	11486	-11111	11605	-11230	----	119	SH, SHY LS	
WASHITA GP	11605	-11230	11830	-11455	----	225	LS, SH	
EDWARDS FM	11830	-11455	12391	-12016	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SJ - LIVE OAK      WELL ID NO. : 64B06      ELEVATION : 271      TOTAL DEPTH : 14764  
 OPERATOR : TENNECO OIL CO.      WELL : NO. 1 ALAMO LUMBER CO.  
 LOCATION : 2400 FSEL, 3000 FSSL      SEC :      TNSP :      RNG :      SUR : N. NAVARRO, 326, A-507

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	5340	- 5069	9260	- 8989	----	3920	SD, SH	
AUSTIN GP	12936	-12665	13084	-12813	----	148	CHK, MRL	
EAGLE FORD GP	13084	-12913	13263	-12992	----	179	SH, SHY LS	
WASHITA GP	13263	-12992	13310	-13039	----	47	LS, SH	
EDWARDS-GLEN ROSE FMS	13310	-13039	14764	-14493	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : SJ - LIVE OAK      WELL ID NO. : 64807      ELEVATION : 254      TOTAL DEPTH : 13100

OPERATOR : TEXAS EASTERN TRANS      WELL : NO.1 ILA ATKINSON

LOCATION : 2650 FSEL, 120,000 FNEL      SEC:      TNSP :      RNG :      SUR : LOUIS AYERS, 15, A-2

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	4763	- 4509	8055	- 7801	-----	3292	SD, SH	
AUSTIN GP	12168	-11914	12248	-11994	-----	80	CHK, MRL	
EAGLE FORD GP	12248	-11994	12420	-12166	-----	172	SH, SHY LS	
WASHITA GP	12420	-12166	12210	-11956	-----	210	LS, SH	
EDWARDS-GLEN ROSE FMS	12210	-11956	13100	-12846	-----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SJ - LIVE OAK      WELL ID NO. : 73A01      ELEVATION : 188      TOTAL DEPTH : 13800

OPERATOR : STD. OF TEXAS      WELL : NO.1 J.V. ISAACKS

LOCATION : 1390 FSEL, 14600 FNWL      SEC:      TNSP :      RNG :      SUR : LOUIS AYERS, 15, A-2

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	4800	-	4612	7300	-	7112	620	2500	SD, SH
AUSTIN GP	11985	-	11797	12185	-	11997	----	200	CHK, MRL
EAGLE FORD GP	12185	-	11997	12370	-	12182	----	185	SH, SHY LS
WASHITA GP	12370	-	12182	12470	-	12282	----	100	LS, SH
EDWARDS-GLEN ROSE FMS	12470	-	12282	13800	-	13612	----		LS, DOL      TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SJ - LIVE OAK      WELL ID NO. : 73A20      ELEVATION : 266      TOTAL DEPTH : 10308

OPERATOR : NEWMAN BROS. DRLG.CO.      WELL : NO.1 EDWARDS

LOCATION : 2500FELY SWL4300FELY SEL SEC:      TNSP :      RNG :      SUR : SCHLD.LD.SUR.NO.7,A-397

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	266	266	0	0	266	SH,SD	
ZONE 2 (-0 TO -2000)	266	0	2266	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2266	- 2000	4266	- 4000	270	2000	SH,SD	
ZONE 4 (-4000 -6000)	4266	- 4000	6266	- 6000	200	2000	SH,SD	
ZONE 5 (-6000 -8000)	6266	- 6000	7995	- 7729	0	1729	SH	
CARRIZO-WILCOX SD	7995	- 7729	10308	-10042	240*		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : SJ - LIVE OAK      WELL ID NO. : 73B20      ELEVATION : 312      TOTAL DEPTH : 11518  
 OPERATOR : TIDEWATER OIL CO.      WELL : NO.1-A HALL ESTATE  
 LOCATION : 1350 FSWL, 2000 FNWL      SEC:      TNSP :      RNG :      SUR : B.S.+F. SUR.(2720 AC.LSE)

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	312	312	0	0	312	SH,SD	
ZONE 2 (-0 TO -2000)	312	0	2312	- 2000	20	2000	SH,SD	
ZONE 3 (-2000 -4000)	2312	- 2000	4312	- 4000	130	2000	SH,SD	
ZONE 4 (-4000 -6000)	4312	- 4000	6312	- 6000	310	2000	SH,SD	
ZONE 5 (-6000 -8000)	6312	- 6000	8312	- 8000	0	2000	SH	
ZONE 6 (-8000 -10000)	8312	- 8000	10312	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10312	-10000	10805	-10493	0	493	SH	
CARRIZO-WILCOX SD	10805	-10493	11518	-11206	130+	713	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : SJ - LIVE OAK      WELL ID NO. : 73822      ELEVATION : 348      TOTAL DEPTH : 12883  
 OPERATOR : SKELLY OIL CO.      WELL : NO. A-1 WEIL  
 LOCATION : 467NW OF SWL, 1100SW OF NESEC:      TNSP :      RNG :      SUR : B.S. + F.SUR. = 55, A-103

FORMATION	DEPTH TOP	SUB-SEA	DEPTH BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	348	348	0	0	348	SH,SD	
ZONE 2 (-0 TO -2000)	348	0	2348	- 2000	80	2000	SD,SH	
ZONE 3 (-2000 -4000)	2348	- 2000	4348	- 4000	620	2000	SD,SH	
ZONE 4 (-4000 -6000)	4348	- 4000	6348	- 6000	140	2000	SH,SD	
ZONE 5 (-6000 -8000)	6348	- 6000	8348	- 8000	0	2000	SH	
ZONE 6 (-8000 -10000)	8348	- 8000	10348	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10348	-10000	11043	-10695	0	695	SH	
CARRIZO-WILCOX SD	11043	-10695	12883	-12535	450+		SH,SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MCMULLEN      WELL ID NO. : 63B05      ELEVATION : 419      TOTAL DEPTH : 17200  
 OPERATOR : PAN AMERICAN PETR. CO      WELL : NO.1 MURRAY FRANKLIN  
 LOCATION : 2298 FSL, 1320 FEL      SEC:      TNSP :      RNG :      SUR : MRS. M. ELLISON A-756

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	2910	- 2491	5685	- 5266	----	2775	SD, SH	
OLMOS SD	7500	- 7081	7675	- 7256	17	175	SD, SH	
AUSTIN GP	9280	- 8861	9365	- 8946	----	85	CHK, MRL	
EAGLE FORD GP	9365	- 8946	9590	- 9171	----	225	SH, SHY LS	
WASHITA GP	9590	- 9171	9830	- 9411	----	240	LS, SH	
EDWARDS FM	9830	- 9411	10660	-10241	----	830	LS, DOL	
GLEN ROSE FM	10660	-10241	12185	-11766	----	1525	LS, DOL	
PEARSALL FM	12185	-11766	12715	-12296	----	530	SH, LS	
SLIGO-HOSSTON FMS	12715	-12296	15980	-15561	----	3265	LS, SH, SD	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MCMULLEN      WELL ID NO. : 63806      ELEVATION : 295      TOTAL DEPTH : 10506  
 OPERATOR : HUMBLE O AND R CO.      WELL : NO.14 LOUIS M. GUBBELS  
 LOCATION : 660 FWL, 330 FSL      SEC:      TNSP :      RNG :      SUR : MCKINNEY-WILLIAMS,17,A340

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	3272	- 2977	6255	- 5960	----	2983	SD, SH	
AUSTIN GP	9410	- 9115	9480	- 9185	----	70	CHK, MRL	
EAGLE FORD GP	9480	- 9185	9645	- 9350	----	165	SH, SHY LS	
WASHITA GP	9645	- 9350	9840	- 9545	----	195	LS, SH	
EDWARDS FM	9840	- 9545	10506	-10211	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MCMULLEN      WELL ID NO. : 63807      ELEVATION : 322      TOTAL DEPTH : 10825  
 OPERATOR : J AND C DRLG. CO.      WELL : NO.1 CLIFTON WHEELER  
 LOCATION : 960 FWL, 1020 FSL      SEC:      TNSP :      RNG :      SUR : J.M. HERNANDEZ, 34, A-225

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
CARRIZO-WILCOX GP	3270	- 2948	6255	- 5933	----	2985	SD, SH	
AUSTIN GP	9830	- 9508	9900	- 9578	----	70	CHK, MRL	
EAGLE FORD GP	9900	- 9578	10065	- 9743	----	165	SH, SHY LS	
WASHITA GP	10065	- 9743	10290	- 9948	----	225	LS, SH	
EDWARDS FM	10290	- 9968	10825	- 10503	----		LS, DOL	TD

REMARKS  
 90 FT. F/O AT 6255

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MCMULLEN      WELL ID NO. : 63808      ELEVATION : 373      TOTAL DEPTH : 10500  
 OPERATOR : MAGUIRE-DEL MAR DRLG.      WELL : NO.1 LENA FRANKLIN  
 LOCATION : 660 FNL, 660 FWL      SEC:      TNSP :      RNG :      SUR : R. FRANKLIN, NO.6, A-1069

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	373	373	0	0	373		
ZONE 2 (-0 TO -2000)	373	0	2373	- 2000	170	2000		
ZONE 3 (-2000 -4000)	2373	- 2000	3180	- 2807	0	807		
CARRIZO-WILCOX SD	3180	- 2807	5410	- 5437	320	2630	SD, SH	
OLMOS SAND	7700	- 7327	7885	- 7512	30	185	SD, SH	
AUSTIN GP	9585	- 9212	9660	- 9287	----	75	CHK, MRL	
EAGLE FORD GP	9660	- 9287	9888	- 9515	----	228	SH, SHY LS	
WASHITA GP	9888	- 9515	10120	- 9747	----	232	LS, SH	
EDWARDS FM	10120	- 9747	10500	-10127	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MCHULLEN      WELL ID NO. : 63809      ELEVATION : 356      TOTAL DEPTH : 14015  
 OPERATOR : STANOLIND O AND G CO.      WELL : NO.1 G.W. HENRY  
 LOCATION : 2100 FSEL, 330 FSWL      SEC:      TNSP :      RNG :      SUR : J.B. TAYLOR NO.38, A-83B

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	3422	- 3066	6450	- 6094	----	3028	SD, SH	
AUSTIN GP	9893	- 9537	9998	- 9642	----	105	CHK, MRL	
EAGLE FORD GP	9998	- 9642	10140	- 9784	----	142	SH, SHY LS	
WASHITA GP	10140	- 9784	10310	- 9954	----	170	LS, SH	
EDWARDS FM	10310	- 9954	11080	-10724	----	770	LS, DOL	
GLEN ROSE FM	11080	-10724	12625	-12269	----	1545	LS, DOL	EST
PEARSALL FM	12625	-12269	13094	-12738	----	469	SH, LS	
SLIGO FM	13094	-12738	14015	-13659	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MCMULLEN      WELL ID NO. : 64801      ELEVATION : 305      TOTAL DEPTH : 12120  
 OPERATOR : CONTINENTAL OIL CO.      WELL : NO.1 RICHARD HORTON  
 LOCATION : 2630 FWL, 9000 FNL      SEC:      TNSP :      RNG :      SUR : MANUEL I.CASTILLO, 5,A166

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	3784	- 3479	6945	- 6640	----	3161	SD, SH	
AUSTIN GP	10820	-10515	10912	-10607	----	92	CHK, MRL	
EAGLE FORD GP	10912	-10607	11030	-10725	----	118	SH, SHY LS	
WASHITA GP	11030	-10725	11190	-10885	----	160	LS, SH	
EDWARDS FM	11190	-10885	11930	-11625	----	740	LS, DOL	
GLEN ROSE FM	11930	-11625	12120	-11815	----		LS, DOL	TD

REMARKS  
 TOP OF GLEN ROSE IS ESTIMATED.

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MCMULLEN      WELL ID NO. : 64803      ELEVATION : 323      TOTAL DEPTH : 11361  
 OPERATOR : CHILES DRLG. CO.      WELL : NO.1 GEORGE MORRILL  
 LOCATION : 660 FWL, 660 FSL      SEC:      TNSP :      RNG :      SUR : T. AND N.O. RR, 9, A-1235

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
CARRIZO-WILCOX GP	4003	- 3680	7240	- 6917	----	3237	SD, SH	
AUSTIN GP	10870	-10547	10958	-10635	----	88	CHK, MRL	
EAGLE FORD GP	10958	-10635	11076	-10753	----	118	SH, SHY LS	
WASHITA GP	11076	-10753	11205	-10882	----	129	LS, SH	
EDWARDS FM	11205	-10882	11361	-11038	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MCMULLEN      WELL ID NO. : 73A02      ELEVATION : 256      TOTAL DEPTH : 15000  
 OPERATOR : TEXAM OIL CORP.      WELL : NO.1 HAYS-EZZELL  
 LOCATION : 660 FSL, 660 FEL      SEC:      TNSP :      RNG :      SUR : S.B. TURNER, 11, A-459

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	5840	- 5584	7850	- 7594	350	2010	SD, SH	
AUSTIN GP	14115	-13859	14345	-14089	----	230	CHK, MRL	
EAGLE FORD GP	14345	-14089	14480	-14224	----	135	SH, SHY LS	
WASHITA GP	14480	-14224	14870	-14614	----	390	LS, SH	
EDWARDS-GLEN ROSE FMS	14787	-14531	15000	-14744	----		LS, SH	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MCMULLEN      WELL ID NO. : 73A21      ELEVATION : 244      TOTAL DEPTH : 12605  
 OPERATOR : STANDARD OIL CO. TEX.      WELL : NO.1 CALLIHAM  
 LOCATION : 800 FNEL, 1623 FNWL      SEC:      TNSP :      RNG :      SUR : J.T. WILLIAMS SUR. A-6

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	244	244	0	0	244	SH,SD	
ZONE 2 (-0 TO -2000)	244	0	2244	- 2000	435	2000	SD,SH	
ZONE 3 (-2000 -4000)	2244	- 2000	4244	- 4000	420	2000	SD,SH	
ZONE 4 (-4000 -6000)	4244	- 4000	4637	- 4393	0	393	SH	
CARRIZO-WILCOX SD	4637	- 4393	7640	- 7396	870	3003	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MC MULLEN      WELL ID NO. : 73B21      ELEVATION : 396      TOTAL DEPTH : 7510  
 OPERATOR : MURPHY H. BAXTER      WELL : NO.1 RISER  
 LOCATION : 467 FNL, 1980 FEL      SEC:      TNSP :      RNG :      SUR : L.M. SLATER SUR. A-1137

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	396	396	0	0	396	SH,SD	
ZONE 2 (-0 TO -2000)	396	0	2396	- 2000	100	2000	SH,SD	
ZONE 3 (-2000 -4000)	2396	- 2000	4396	- 4000	790	2000	SD,SH	
ZONE 4 (-4000 -6000)	4396	- 4000	6396	- 6000	50	2000	SH,SD	
ZONE 5 (-6000 -8000)	6396	- 6000	6894	- 6498	0	498	SH	
CARRIZO-WILCOX SD	6894	- 6498	7510	- 7114	160+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MCMULLEN      WELL ID NO. : 74A01      ELEVATION : 358      TOTAL DEPTH : 16509  
 OPERATOR : PHILLIPS PETR. CO.      WELL : NO.1-A WASHBURN  
 LOCATION : 667 FSL, 2064 FEL      SEC:      TNSP :      RNG :      SUR : B.S. AND F., 15, A-99

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	4040	- 3682	6550	- 6192	720	2510	SD, SH	
AUSTIN GP	11410	-11052	11608	-11250	-----	198	CHK, MRL	
EAGLE FORD GP	11608	-11250	11822	-11464	-----	214	SH, SHY LS	
WASHITA GP	11822	-11464	12060	-11702	-----	238	LS, SH	
EDWARDS-GLEN ROSE FMS	12060	-11702	13710	-13352	-----	1650	LS, DOL	
PEARSALL FM	13710	-13352	14070	-13712	-----	360	SH, LS	
SLIGO-HOSSTON FMS	14070	-13712	16509	-16151	-----		LS, DOL, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SU - MCMULLEN      WELL ID NO. : 74A03      ELEVATION : 285      TOTAL DEPTH : 11915  
 OPERATOR : HUMBLE OIL AND REF CO      WELL : NO.1 J.C. DILWORTH  
 LOCATION : 4110 S AND 467 W OF NE COSEC:      TNSP :      RNG :      SUR : J. POITEVENT SUR.NO.7A374

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	285	285	0	40	285	SD,SH	
ZONE 2 (-0 TO -2000)	285	0	2285	- 2000	190	2000	SH,SD	
ZONE 3 (-2000 -4000)	2285	- 2000	3615	- 3330	405	1330	SD,SH	
CARRIZO-WILCOX SD	3615	- 3330	6650	- 6365	720	3035	SD, SH	
AUSTIN GP	10680	-10395	10880	-10595	----	200	CHK, MRL	
EAGLE FORD GP	10880	-10595	11028	-10743	----	148	SH, SHY LS	
WASHITA GP	11028	-10743	11170	-10885	----	142	LS, SH	
EDWARDS FM	11170	-10885	11915	-11630	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : 90 - MCMULLEN      WELL ID NO. : 74B01      ELEVATION : 283      TOTAL DEPTH : 24220  
 OPERATOR : PHILLIPS PETR CO.      WELL : NO.1-A NUECES  
 LOCATION : 019 FWL, 751 FNL      SEC:      TNSP :      RNG :      SUR : A.C.H. AND B., 1, A-36

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	4461	- 4178	7200	- 6917	560	2739	SD, SH	
AUSTIN GP	12748	-12465	12915	-12632	----	167	CHK, MRL	
EAGLE FORD GP	12915	-12632	13228	-12945	----	313	SH, SHY LS	EST
WASHITA GP	13228	-12945	13430	-13147	----	202	LS, SH	
EDWARDS-GLEN ROSE FMS	13430	-13147	14865	-14582	----	1435	LS, DOL	
PEARSALL FM	14865	-14582	15082	-14799	----	217	SH, LS	
SLIGO-HOSSTON FMS	15082	-14799	19170	-18887	----		LS, DOL, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : SU - MC MULLEN      WELL ID NO. : 74822      ELEVATION : 417      TOTAL DEPTH : 8015  
 OPERATOR : THE TEXAS COMPANY      WELL : NO.1 ATKINSON  
 LOCATION : 1850 W OF EL, 2250 N OF SLSEC:      TNSP :      RNG :      SUR : J.R. PACE SUR. #414 A1182

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	417	417	0	0	417	SH,SD	
ZONE 2 (-0 TO -2000)	417	0	2417	- 2000	215	2000	SH,SD	
ZONE 3 (-2000 -4000)	2417	- 2000	4417	- 4000	10	2000	SH,SD	
ZONE 4 (-4000 -6000)	4417	- 4000	6392	- 5975	160	1975	SH,SD	
CARRIZO-WILCOX SD	6392	- 5975	8015	- 7598	420+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TA - MATAGORDA WELL ID NO. : 8B21 ELEVATION : 23 TOTAL DEPTH : 8747

OPERATOR : BREWSTER + BARTLE DRG WELL : NO.1 SILVER LAKE RANCH

LOCATION : 330 E OF WL, 330 S OF NL SEC: TNSP : RNG : SUR : JOHN DUNCAN SUR. A-140

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	23	23	0	0	23	SH,SD	
ZONE 2 (-0 TO -2000)	23	0	2023	- 2000	270	2000	SH,SD	
ZONE 3 (-2000 -4000)	2023	- 2000	4023	- 4000	500	2000	SD,SH	
ZONE 4 (-4000 -6000)	4023	- 4000	6023	- 6000	800	2000	SD,SH	
ZONE 5 (-6000 -8000)	6023	- 6000	8023	- 8000	20	2000	SH,SD	
ZONE 6 (-8000 -10000)	8023	- 8000	8747	- 8724	0+		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : TA - MATAGORDA WELL ID NO. : 9820 ELEVATION : 63 TOTAL DEPTH : 9442

OPERATOR : HUMBLE OIL + REF.CO. WELL : NO.B-1PIERCE EST.OIL + GAS

LOCATION : SEC: TNSP : RNG : SUR : ISSAC FOSTER SUR.=22 A-39

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	63	63	0	0	63	SH,SD	
ZONE 2 (-0 TO -2000)	63	0	2063	- 2000	275	2000	SD,SH	
ZONE 3 (-2000 -4000)	2063	- 2000	4063	- 4000	385	2000	SH,SD	
ZONE 4 (-4000 -6000)	4063	- 4000	6063	- 6000	190	2000	SH,SD	
ZONE 5 (-6000 -8000)	6063	- 6000	8063	- 8000	400	2000	SD,SH	
ZONE 6 (-8000 -10000)	8063	- 8000	9442	- 9379	555+		SD,SH	TD



COUNTY : TA - MATAGORDA      WELL ID NO. : 9B21      ELEVATION : 43      TOTAL DEPTH : 11015  
 OPERATOR : SCURLOCK OIL CO.      WELL : NO.1 HARPER  
 LOCATION : 11150 FWL, 5600 FNL      SEC:      TNSP :      RNG :      SUR : BOWMAN + REESE SUR. A-8

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	43	43	0	0	43	SH,SD	
ZONE 2 (-0 TO -2000)	43	0	2043	- 2000	215	2000	SD,SH	
ZONE 3 (-2000 -4000)	2043	- 2000	4043	- 4000	320	2000	SH,SD	
ZONE 4 (-4000 -6000)	4043	- 4000	6043	- 6000	340	2000	SH,SD	
ZONE 5 (-6000 -8000)	6043	- 6000	8043	- 8000	100	2000	SH,SD	
ZONE 6 (-8000 -10000)	8043	- 8000	10043	-10000	210	2000	SH,SD	
ZONE 7 (-10000-12000)	10043	-10000	11015	-10972	5+		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : TA - MATAGORDA      WELL ID NO. : 9822      ELEVATION : 51      TOTAL DEPTH : 14389  
 OPERATOR : BRITISH AMERICAN OIL      WELL : NO.1 FAY  
 LOCATION : 660 FNWL, 660 FSWL      SEC:      TNSP :      RNG :      SUR : T.J.TONE + T. JAMTSO A94

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	51	51	0	0	51	SH,SD	
ZONE 2 (-0 TO -2000)	51	0	2051	- 2000	150	2000	SD,SH	
ZONE 3 (-2000 -4000)	2051	- 2000	4051	- 4000	400	2000	SD,SH	
ZONE 4 (-4000 -6000)	4051	- 4000	6051	- 6000	680	2000	SD,SH	
ZONE 5 (-6000 -8000)	6051	- 6000	8051	- 8000	1010	2000	SD,SH	
ZONE 6 (-8000 -10000)	8051	- 8000	10051	-10000	0	2000	SH	
ZONE 7 (-10000-12000)	10051	-10000	12051	-12000	150	2000	SH,SD	
ZONE 8 (-12000-14000)	12051	-12000	14051	-14000	350	2000	SH,SD	
ZONE 9 (-14000-16000)	14051	-14000	14389	-14338	0+		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TA - MATAGORDA WELL ID NO. : 9C20 ELEVATION : 22 TOTAL DEPTH : 6163

OPERATOR : SLICK OIL CORP. WELL : NO.1 JOHNSON GAS UNIT

LOCATION : 2097 FEL LOT8,1200 S OF NSEC: TNSP : RNG : SUR : J.J. CRISWELL SUR,A-20

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	22	22	0	0	22	SH,SD	
ZONE 2 (-0 TO -2000)	22	0	2022	- 2000	380	2000	SD,SH	
ZONE 3 (-2000 -4000)	2022	- 2000	4022	- 4000	710	2000	SD,SH	
ZONE 4 (-4000 -6000)	4022	- 4000	6022	- 6000	1140	2000	SD,SH	
ZONE 5 (-6000 -8000)	6022	- 6000	6163	- 6141	0+		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TB - MAVERICK      WELL ID NO. : M1      ELEVATION : 824      TOTAL DEPTH : 6933  
 OPERATOR : FELDMAN      WELL : NO.1 FELDMAN FEE  
 LOCATION : 4940 FNL, 2000 FWL      SEC:      TNSP :      RNG :      SUR : G.C. AND B.L. STATE NO.2

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
AUSTIN GP	2190	- 1366	2870	- 2046	----	680	CHK, MRL	
EAGLE FORD GP	2870	- 2046	3345	- 2521	----	475	SH, LS	
WASHITA GP	3345	- 2521	4230	- 3406	----	885	LS, SH	
EDWARDS FM	4230	- 3406	5000	- 4176	----	770	LS, SH	EGV
GLEN ROSE FM	5000	- 4176	6933	- 6109	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TB - MAVERICK      WELL ID NO. : M3      ELEVATION : 814      TOTAL DEPTH : 5688  
 OPERATOR : WELLINGTON OIL CO.      WELL : NO.1 CHITTIM  
 LOCATION : 2310 FWL, 330 FNL      SEC: 129      TNSP : 7      RNG :      SUR : I. AND G.N.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
OLMOS SD	0	814	175	639	10+	175		SUR
AUSTIN GP	1343	- 529	2045	- 1231	----	702	CHK, MRL	
FAGLE FORD GP	2045	- 1231	2525	- 1711	----	480	SH, LS	
WASHITA GP	2525	- 1711	3415	- 2601	----	890	LS, SH	
EDWARDS FM	3415	- 2601	3960	- 3146	----	545	LS, SH	EQV
GLEN ROSE FM	3960	- 3146	5688	- 4874	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : IS - MAVERICK      WELL ID NO. : M4      ELEVATION : 909      TOTAL DEPTH : 13870  
 OPERATOR : HUMBLE OIL AND REF.      WELL : NO.1 BANDERA COUNTY  
 LOCATION : 660 FS AND ELS      SEC :      TNSP :      RNG :      SUR : BANDERA CO. SCHOOL LAND

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
AUSTIN GP	877	32	1577	- 668	----	700	CHK, MRL	
EAGLE FORD GP	1577	- 668	2025	- 1116	----	448	SH, LS	
WASHITA GP	2025	- 1116	2870	- 1961	----	845	LS, SH	
EDWARDS FM	2870	- 1961	3384	- 2475	----	514	LS, SH	EQV
GLEN ROSE FM	3384	- 2475	5565	- 4656	----	2181	LS	EST
PEARSALL FM	5565	- 4656	6142	- 5233	----	577	SH, LS	
SLIGO-HOSSTON FMS	6142	- 5233	8370	- 7461	----	2228	SD, SH, LS	
OUACHITA FACIES	13462	-12553	13870	-12961	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TD - MEDINA      WELL ID NO. : 50801      ELEVATION : 780      TOTAL DEPTH : 2412  
 OPERATOR : LONNIE GLASSCOCK      WELL : NO.1 CARLE MERCANTILE CO.  
 LOCATION : 330 FWL, 330 FSL      SEC:      TNSP :      RNG :      SUR : JOHN TWOHIG, 1111

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
SAN MIGUEL SD	1014	- 234	1205	- 425	32	191	SD, SH	
AUSTIN GP	1382	- 602	1697	- 917	----	315	CHK, MRL	
EAGLE FORD GP	1697	- 917	1770	- 990	----	73	SH, SHY LS	
WASHITA GP	1770	- 990	1985	- 1205	----	215	LS, SH	
EDWARDS FM	1985	- 1205	2412	- 1632	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TD - MEDINA      WELL ID NO. : 50B02      ELEVATION : 720      TOTAL DEPTH : 5515  
 OPERATOR : RALPH E. FAIR      WELL : NO.1 G.C. MCANELLY  
 LOCATION : 380 FNL, 830 FWL      SEC:      TNSP :      RNG :      SUR : E.C. DURST, 13

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	720	230	490	60+	230	SD, SH	SUR
ESCONDIDO SD	880	- 160	970	- 250	38	90	SD, SH	
SAN MIGUEL SD	1215	- 495	1310	- 590	10	95	SD, SH	
AUSTIN GP	1450	- 730	1735	- 1015	----	285	CHK, MRL	
EAGLE FORD GP	1735	- 1015	1790	- 1070	----	55	SH, SHY LS	
WASHITA GP	1790	- 1070	2000	- 1280	----	210	LS, SH	
EDWARDS FM	2000	- 1280	2650	- 1930	----	650	LS, DOL	
GLEN ROSE FM	2650	- 1930	4020	- 3300	----	1370	LS, DOL	
PEARSALL FM	4020	- 3300	4150	- 3430	----	130	SH, LS	
SLIGO-HOSSTON FMS	4150	- 3430	5405	- 4685	----	1255	SD, SH, LS	
QUACHITA FACIES	5405	- 4685	5515	- 4795	----			TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TS - MONTGOMERY WELL ID NO. : 4A20 ELEVATION : 165 TOTAL DEPTH : 13062

OPFRATOR : SUPERIOR + SPEED WELL : NO.1 SYKES

LOCATION : 5200 FSEL, 2620 FSWL SEC: TNSP : RNG : SUR : WM. WEIR SUR. A-42

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV	0	165	165	0	0	165	SH,SD	
ZONE 2 (-0 TO -2000)	165	0	2165	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2165	- 2000	4165	- 4000	290	2000	SD,SH	
ZONE 4 (-4000 -6000)	4165	- 4000	6165	- 6000	540	2000	SD,SH	
ZONE 5 (-6000 -8000)	6165	- 6000	7110	- 6945	0	945	SH	
CARRIZO-WILCOX SD	7110	- 6945	11950	-11785	2505	4840	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TS - MONTGOMERY      WELL ID NO. : 4B20      ELEVATION : 141      TOTAL DEPTH : 12078  
 OPERATOR : SOHIO PET. CO.      WELL : NO.1 DEV. CORP. 1936  
 LOCATION : 4900 FEL, 568 FSWL      SEC:      TNSP :      RNG :      SUR : WM. WHITE SUR. A-592

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS TRICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	141	141	0	0	141	SH,SD	
ZONE 2 (-0 TO -2000)	141	0	2141	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2141	- 2000	4141	- 4000	230	2000	SH,SD	
ZONE 4 (-4000 -6000)	4141	- 4000	6141	- 6000	300	2000	SH,SD	
ZONE 5 (-6000 -8000)	6141	- 6000	8141	- 8000	440	2000	SD,SH	
ZONE 6 (-8000 -10000)	8141	- 8000	9081	- 8940	0	940	SH	
CARRIZO-WILCOX SD	9081	- 8940	12078	-11937	1050+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TS - MONTGOMERY WELL ID NO. : 5822 ELEVATION : 137 TOTAL DEPTH : 15000

OPERATOR : STANDARD OIL OF TEXAS WELL : NO.1 ANDERSON

LOCATION : 467 FSL, 5017 FWL SEC: TNSP : RNG : SUR : CHARLES STEPHNS SUR.2A482

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	137	137	0	0	137	SH,SD	
ZONE 2 (-0 TO -2000)	137	0	2137	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2137	- 2000	4137	- 4000	310	2000	SD,SH	
ZONE 4 (-4000 -6000)	4137	- 4000	6137	- 6000	220	2000	SH,SD	
ZONE 5 (-6000 -8000)	6137	- 6000	8137	- 8000	535	2000	SD,SH	
ZONE 6 (-8000 -10000)	8137	- 8000	9580	- 9443	0	1443	SH	
CARRIZO-WILCOX SD	9580	- 9443	14630	-14403	580	5050	SH,SD	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : TS - MONTGOMERY      WELL ID NO. : 16A14      ELEVATION : 249      TOTAL DEPTH : 16764  
 OPERATOR : PHILLIPS PETR. CO.      WELL : NO.1 COKE A  
 LOCATION : 4000 FNSL. 3000 FEL      SEC:      TNSP :      RNG :      SUR : JAMES J. FOSTER A-204

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	6204	- 5955	10875	-10626	1740	4671	SD, SH	
AUSTIN GP	15060	-14811	15165	-14916	----	105	CHK, MRL	EST
EAGLE FORD-WOODBINE	15165	-14916	15730	-15481	0	565	SH	EST
WASHITA GP	15730	-15481	15780	-15531	----	50	LS, SH	
EDWARDS FM	15780	-15531	16764	-16515	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TZ - NEWTON      WELL ID NO: : 14A20      ELEVATION :    58      TOTAL DEPTH : 12402  
 OPERATOR : HUMBLE OIL AND REF.      WELL : NO. 14 HANKAMER  
 LOCATION : 1980 FHWL, 1980 FSWL      SEC: 23      TNSP :      RNG :      SUR : HT+B RR A-192

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	58	58	0	0	58	SH,SD	
ZONE 2 (-0 TO -2000)	58	0	2058	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2058	- 2000	4058	- 4000	520	2000	SD,SH	
ZONE 4 (-4000 -6000)	4058	- 4000	6058	- 6000	1030	2000	SD,SH	
ZONE 5 (-6000 -8000)	6058	- 6000	8058	- 8000	130	2000	SH,SD	
ZONE 6 (-8000 -10000)	8058	- 8000	10058	-10000	20	2000	SH,SD	
ZONE 7 (-10000-12000)	10058	-10000	12058	-12000	570	2000	SD,SH	
ZONE 8 (-12000-14000)	12058	-12000	12402	-12344	170+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TZ - NEWTON      WELL ID NO. : 18A20      ELEVATION : 318      TOTAL DEPTH : 14100  
 OPERATOR : PAN AMERICAN      WELL : NO.1-A BROWN  
 LOCATION : 1100 FSW, 1100 FSE      SEC:      TNSP :      RNG :      SUR : J.F. JOHNSON A-252

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	318	318	0	120	318	SD,SH	
ZONE 2 (-0 TO -2000)	318	0	2318	- 2000	490	2000	SD, SH	
ZONE 3 (-2000 -4000)	2318	- 2000	4318	- 4000	240	2000	SD, SH	
ZONE 4 (-4000 -6000)	4318	- 4000	5366	- 5048	90	1048	SD, SH	
CARRIZO-WILCOX SD	5366	- 5048	10020	- 9702	1320	4654	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TZ - NEWTON      WELL ID NO. : 18A21      ELEVATION : 119      TOTAL DEPTH : 11615  
 OPERATOR : KERR-MCGEE      WELL : SINCLAIR-ATLANTIC FEE A-2  
 LOCATION : 4100 FNL, 2400 FEL      SEC:      TNSP :      RNG :      SUR : N.H. COCHRAN SUR. A-55

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	119	119	0	0	119	SH,SD	
ZONE 2 (-0 TO -2000)	119	0	2119	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2119	- 2000	4119	- 4000	225	2000	SH,SD	
ZONE 4 (-4000 -6000)	4119	- 4000	6119	- 6000	320	2000	SH,SD	
ZONE 5 (-6000 -8000)	6119	- 6000	8075	- 7956	210	1956	SH,SD	
CARRIZO-WILCOX SN	8075	- 7956	11615	-11496	550+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : UP → HUFFES      WELL ID NO. : 81A21      ELEVATION : 125      TOTAL DEPTH : 6251  
 OPERATOR : PANHANDLE PROD. CO.      WELL : NO.1 KNOLLE FARMS  
 LOCATION : KNOLLE FM., 4000 FSWL      SEC:      TNSP :      RNG :      SUR : GARZA MONTEMAYOR 300 FNWL

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	125	125	0	0	125	SH,SD	
ZONE 2 (-0 TO -2000)	125	0	2125	- 2000	125	2000	SH,SD	
ZONE 3 (-2000 -4000)	2125	- 2000	4125	- 4000	360	2000	SH,SD	
ZONE 4 (-4000 -6000)	4125	- 4000	6125	- 6000	105	2000	SH,SD	
ZONE 5 (-6000 -8000)	6125	- 6000	6251	- 6126	----		SH,SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : UB - NUECES      WELL ID NO. : 81B20      ELEVATION : 65      TOTAL DEPTH : 12009  
 OPERATOR : MAGNOLIA PETR. CO.      WELL : NO. : SCHUBERT  
 LOCATION : 660 FNEL, 1980 FSEL      SEC: 130      TNSP :      RNG :      SUR : DRISCOLL RANCH, PAUL SUB.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	65	65	0	0	65	LS,SH,SOL.	
ZONE 2 (-0 TO -2000)	65	0	2065	- 2000	55	2000	SH,SD	
ZONE 3 (-2000 -4000)	2065	- 2000	4065	- 4000	310	2000	SH,SD	
ZONE 4 (-4000 -6000)	4065	- 4000	6065	- 6000	430	2000	SH,SD	
ZONE 5 (-6000 -8000)	6065	- 6000	8065	- 8000	570	2000	SH,SD	
ZONE 6 (-8000 -10000)	8065	- 8000	10065	-10000	60	2000	SH,SD	
ZONE 7 (-10000-12000)	10065	-10000	12009	-11944	0		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : UB - NUECES      WELL ID NO. : 82B20      ELEVATION : 65      TOTAL DEPTH : 16000  
 OPERATOR : SOCONY MOBIL OIL CO.      WELL : NO. 1-D CHAMPMAN RANCH  
 LOCATION : 660 FNL, 660 FWL      SEC: 48      TNSP :      RNG :      SUR : RINCON DE CORPUS CHRISTI.

FORMATION	DEPTH TOP	SUB-SEA	DEPTH BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	65	65	0	0	65	SD,SH	EST
ZONE 2 (-0 TO -2000)	65	0	2065	- 2000	310	2000	SD,SH	EST
ZONE 3 (-2000 -4000)	2065	- 2000	4065	- 4000	320	2000	SD,SH	
ZONE 4 (-4000 -6000)	4065	- 4000	6065	- 6000	490	2000	SH,SD	
ZONE 5 (-6000 -8000)	6065	- 6000	8065	- 8000	720	2000	SH,SD	
ZONE 6 (-8000 -10000)	8065	- 8000	10065	-10000	540	2000	SH,SD	
ZONE 7 (-10000-12000)	10065	-10000	12065	-12000	40	2000	SH,SD	
ZONE 8 (-12000-14000)	12065	-12000	14065	-14000	0	2000	SH,SD	
ZONE 9 (-14000-16000)	14065	-14000	16000	-15935	0		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : UJ - ORANGE      WELL ID NO. : 14A21      ELEVATION : 40      TOTAL DEPTH : 7764  
 OPERATOR : HUMBLE OIL & REF. CO.      WELL : NO.1 FROST NAT.BNK.SAN AN.  
 LOCATION : 660FSL,2100 FWL      SEC:      TNSP :      RNG :      SUR : FREDERICK STOEVEP A-178

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	40	40	0	0	40	SH,SD	
ZONE 2 (-0 TO -2000)	40	0	2040	- 2000	130	2000	SD,SH	
ZONE 3 (-2000 -4000)	2040	- 2000	4040	- 4000	720	2000	SD,SH	
ZONE 4 (-4000 -6000)	4040	- 4000	6040	- 6000	980	2000	SD,SH	
ZONE 5 (-6000 -8000)	6040	- 6000	7764	- 7724	635+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : UJ - ORANGE      WELL ID NO. : 14B20      ELEVATION : 34      TOTAL DEPTH : 8927  
 OPERATOR : SUN OIL + TENNECO      WELL : NO. 1-A MOORE  
 LOCATION : 1300 FWL, 1500 FSL      SEC :      TNSP :      RNG :      SUR : JOHN BLAND SUR. A-47

FORMATION	DEPTH TOP	SUB-SEA	DEPTH BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	36	36	0	0	36	SH,SD	
ZONE 2 (-0 TO -2000)	36	0	2036	- 2000	190	2000	SH,SD	
ZONE 3 (-2000 -4000)	2036	- 2000	4036	- 4000	635	2000	SD,SH	
ZONE 4 (-4000 -6000)	4036	- 4000	6036	- 6000	1130	2000	SD,SH	
ZONE 5 (-6000 -8000)	6036	- 6000	8036	- 8000	520	2000	SD,SH	
ZONE 6 (-8000 -10000)	8036	- 8000	8927	- 8891	0+		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : UT - POLK                      WELL ID NO. : 6A20                      ELEVATION : 350                      TOTAL DEPTH : 7141  
 OPERATOR : HUMBLE OIL + REF.                      WELL : NO.2 WHITT FORTH  
 LOCATION : NOT AVAILABLE                      SEC:                      TNSP :                      RNG :                      SUR : A.VIESCA SUR. SEC.C. A-77

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	350	350	0	0	350	SH,SD	
ZONE 2 (-0 TO -2000)	350	0	2350	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2350	- 2000	4350	- 4000	60	2000	SH,SD	
ZONE 4 (-4000 -6000)	4350	- 4000	6350	- 6000	470	2000	SD,SH	
ZONE 5 (-6000 -8000)	6350	- 6000	6896	- 6546	0	546	SH	
CARRIZO-WILCOX SD	6896	- 6546	7141	- 6791	80*		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : UT - POLK                      WELL ID NO. : 6B20                      ELEVATION : 304                      TOTAL DEPTH : 7515  
 OPERATOR : JORDAN DRLG.                      WELL : NO. 1 LAPHAM  
 LOCATION : 330 FN+WL (6 MI.S CAMP RBSEC:                      TNSP :                      RNG :                      SUR : B.W. HARDING SUR. SEC 267

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUR-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	304	304	0	0	304	SH,SD	
ZONE 2 (-0 TO -2000)	304	0	2304	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2304	- 2000	4304	- 4000	130	2000	SH,SD	
ZONE 4 (-4000 -6000)	4304	- 4000	6304	- 6000	560	2000	SD,SH	
ZONE 5 (-6000 -8000)	6304	- 6000	7140	- 6836	0	836	SH	
CARRIZO-WILCOX SD	7140	- 6836	7515	- 7211	165+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : UT - POLK                      WELL ID NO. : 6821                      ELEVATION : 161                      TOTAL DEPTH : 8628  
 OPERATOR : GULF OIL CORP.                      WELL : NO.75 WING  
 LOCATION : NOT AVAILABLE                      SEC:                      TNSP :                      RNG :                      SUR : NOT AVAILABLE

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	161	161	0	0	161	SH,SD	
ZONE 2 (-0 TO -2000)	161	0	2161	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2161	- 2000	4161	- 4000	330	2000	SD,SH	
ZONE 4 (-4000 -6000)	4161	- 4000	6161	- 6000	400	2000	SD,SH	
ZONE 5 (-6000 -8000)	6161	- 6000	8161	- 8000	285	2000	SH,SD	
ZONE 6 (-8000 -10000)	8161	- 8000	8313	- 8152	0	152	SH	
CARRIZO-WILCOX SD	8313	- 8152	8628	- 8467	120*		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : UT - POLK                      WELL ID NO. : 6822                      ELEVATION : 181                      TOTAL DEPTH : 11472  
 OPERATOR : PAN AMERICAN PET CORP      WELL : NO.1 ROBERTS  
 LOCATION : 660 FNL, 4000 FEL              SEC :                      TNSP :                      RNG :                      SUR : JOAQUIN DERUMAYAR SUR,A66

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	181	181	0	0	181	SH,SD	
ZONE 2 (-0 TO -2000)	181	0	2181	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2181	- 2000	4181	- 4000	350	2000	SH,SD	
ZONE 4 (-4000 -6000)	4181	- 4000	6181	- 6000	610	2000	SD,SH	
ZONE 5 (-6000 -8000)	6181	- 6000	8105	- 7924	120	1924	SH,SD	
CARRIZO-WILCOX SD	8105	- 7924	11472	-11291	650+		SD,SH	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : UT - POLK                      WELL ID NO. : 17A02                      ELEVATION : 350                      TOTAL DEPTH : 14500  
 OPERATOR : SHELL OIL CO.                      WELL : NO.1 SOUTHLAND PAPER MILLS  
 LOCATION : 660 FSL, 660 FEL                      SEC:                      TNSP :                      RNG :                      SUR : JAMES REAVIS, A-507

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	5490	- 5140	10085	- 9735	1420	4595	SD, SH	
AUSTIN GP	12833	-12483	13000	-12650	----	167	CHK, MRL	
EAGLE FORD-WOODBINE	13000	-12650	13915	-13565	20	915	SH, SD	
WASHITA GP	13915	-13565	14483	-14133	----	568	LS, SH	
EDWARDS (ESTIMATED)	14483	-14133	14509	-14159	----		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : UT - POLK                      WELL ID NO. : 17A04                      ELEVATION : 284                      TOTAL DEPTH : 12773  
 OPERATOR : AMERICAN LIBERTY OIL                      WELL : NO.1 CAMERON HEIRS  
 LOCATION : 430 FWL, 1760 FSSL                      SEC :                      TNSP :                      RNG :                      SUR : J. POITEVENT, 49, A-498

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	3535	- 3251	756	- 7261	1650	4010	SD, SH	
AUSTIN GP	10100	- 9816	10352	-10068	----	252	CHK, MRL	
EAGLE FORD-WOODBINE	10352	-10068	10690	-10406	0	338	SH	
WASHITA GP	10690	-10406	10880	-10596	----	190	LS, SH	
EDWARDS FM	10880	-10596	11410	-11126	240	530	LS, SH	
GLEN ROSE FM	11410	-11126	12773	-12489	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : UT - PULK                      WELL ID NO. : 17A05                      ELEVATION : 270                      TOTAL DEPTH : 15200  
 OPERATOR : SHELL OIL CO.                      WELL : NO.1 E.E. ALEXANDER  
 LOCATION : 5900 FWL, 950 FSL                      SEC:                      TNSP :                      RNG :                      SUR : WM. JOHNS A-39

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	5050	- 4780	9610	- 9340	1370	4560	SD, SH	
AUSTIN GP	12520	-12250	12568	-12298	----	48	CHK, MRL	
EAGLE FORD-WOODBINE	12568	-12298	13470	-13200	10	902	SH, SD	
WASHITA GP	13470	-13200	14080	-13810	----	610	LS, SH	EST
EDWARDS FM	14080	-13810	14643	-14373	70	563	LS, SH	EST
GLEN ROSE FM	14643	-14373	15200	-14930	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SAITNE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORP LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : UT - POLK                      WELL ID NO. : 17A22                      ELEVATION : 267                      TOTAL DEPTH : 6503  
 OPERATOR : JORDON DRLG.                      WELL : NO.1 LYNCH  
 LOCATION : 660 FWL OF LSE,375N HWY10SEC:                      TNSP :                      RNG :                      SUR : GEO. JAMISON SUR. A-41

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	267	267	0	0	267	SH,SD	
ZONE 2 (-0 TO -2000)	267	0	2267	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2267	- 2000	3576	- 3309	170	1309	SH,SD	
CARRI70-WILCOX SD	3576	- 3309	6503	- 6236	1267		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WM - REFUGIO      WELL ID NO. : 71A20      ELEVATION : 93      TOTAL DEPTH : 6726  
 OPERATOR : SEABOARD OIL CO.      WELL : NO.2 POWER + WOODWORTH  
 LOCATION : 23600 SWL, 1876 SEL      SEC:      TNSP :      RNG :      SUR : GARCIA + VIDAURI SUR.A-66

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	93	93	0	0	93	SH,SD	
ZONE 2 (-0 TO -2000)	93	0	2093	- 2000	40	2000	SH,SD	
ZONE 3 (-2000 -4000)	2093	- 2000	4093	- 4000	670	2000	SD,SH	
ZONE 4 (-4000 -6000)	4093	- 4000	6093	- 6000	510	2000	SD,SH	
ZONE 5 (-6000 -8000)	6093	- 6000	6726	- 6633	140+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WH - REFUGIO      WELL ID NO. : 71B21      ELEVATION : 43      TOTAL DEPTH : 6780  
 OPERATOR : COX + HAMON      WELL : NO.1 BITTERS  
 LOCATION : 2740 SEL, 330 NEL      SEC:      TNSP :      RNG :      SUR : J.M.+M.A.ALDRETE SUR.A123

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	43	43	0	0	43	SH,SD	
ZONE 2 (-0 TO -2000)	43	0	2043	- 2000	260	2000	SH,SD	
ZONE 3 (-2000 -4000)	2043	- 2000	4043	- 4000	630	2000	SD,SH	
ZONE 4 (-4000 -6000)	4043	- 4000	6043	- 6000	880	2000	SD,SH	
ZONE 5 (-6000 -8000)	6043	- 6000	6780	- 6737	330+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WU - SAN JACINTO WELL ID NO. : 5A20 ELEVATION : 362 TOTAL DEPTH : 11522

OPERATOR : CITIES SERVICE WELL : NO.1 FRAZIER + CAMPBELL

LOCATION : 7500 N + 5000W OF SE C.SUSEC: TNSP : RNG : SUR : JOSE DE LA GARZA SUR.A-18

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	362	362	0	0	362	SH,SD	
ZONE 2 (-0 TO -2000)	362	0	2362	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2362	- 2000	4362	- 4000	110	2000	SH,SD	
ZONE 4 (-4000 -6000)	4362	- 4000	6362	- 6000	550	2000	SD,SH	
ZONE 5 (-6000 -8000)	6362	- 6000	7390	- 7028	0	1028	SH	
CARRIZO-WILCOX SD	7390	- 7028	11522	-11160	2005+		SD,SH	TO

## TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WU - SAN JACINTO    WELL ID NO. : 5B20    ELEVATION : 193    TOTAL DEPTH : 9009  
 OPERATOR : JORDAN DRLG.    WELL : NO.1 HOARD  
 LOCATION : NOT AVAILABLE    SEC :    TNSP :    RNG :    SUR : JNO,DAVIS SUR, A-98

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	193	193	0	0	193	SH,SD	
ZONE 2 (-0 TO -2000)	193	0	2193	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2193	- 2000	4193	- 4000	265	2000	SH,SD	
ZONE 4 (-4000 -6000)	4193	- 4000	6193	- 6000	550	2000	SD,SH	
ZONE 5 (-6000 -8000)	6193	- 6000	8193	- 8000	110	2000	SH,SD	
ZONE 6 (-8000 -10000)	8193	- 8000	8318	- 8125	0	125	SH	
CARRIZO-WILCOX SD	8318	- 8125	9009	- 8816	235+		SD,SH	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WU - SAN JACINTO    WELL ID NO. : 16A11    ELEVATION : 261    TOTAL DEPTH : 15497  
 OPERATOR : HUMBLE OIL AND REF.    WELL : NO.1 BEN OGLETREE  
 LOCATION : 660 FSWL, 660 FSEL    SEC:    TNSP :    RNG :    SUR : J.M. WILCOX A-317

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	5115	- 4854	10035	- 9774	1650	4920	SD, SH	
EAGLE FORD-WOODBINE	12970	-12709	13595	-13334	0	625	SH	EST
WASHITA GP	13595	-13334	13620	-13359	----	25	LS, SH	EST
EDWARDS-GLEN ROSE FMS	13620	-13359	15497	-15236	----		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : WU - SAN JACINTO WELL ID NO. : 16A21 ELEVATION : 345 TOTAL DEPTH : 10379

OPERATOR : STANOLIND OIL + GAS WELL : NO.B-1 CAREY LAND DEV.

LOCATION : 660 SW OF NEL SEC: TNSP : RNG : SUR : FRANCISCO MANCHA A-217

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	345	345	0	0	345	SH,SD	
ZONE 2 (-0 TO -2000)	345	0	2345	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2345	- 2000	4345	- 4000	460	2000	SD,SH	
ZONE 4 (-4000 -6000)	4345	- 4000	5641	- 5296	120	1296	SH,SD	
CARRIZO-WILCOX SD	5641	- 5296	10379	-10034	2260+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WM - SAN PATRICIO WELL ID NO. : 72821 ELEVATION : 138 TOTAL DEPTH : 4267

OPERATOR : HOWELL + WINN WELL : NO.3 LUTHER

LOCATION : 1593 FSEL, 1513 FNEI LOT1SEC: TNSP : RNG : SUR : ED.J.MC GLOIN A-14

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUR-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	138	138	0	0	138	SH,SD	
ZONE 2 (-0 TO -2000)	138	0	2138	- 2000	340	2000	SD,SH	
ZONE 3 (-2000 -4000)	2138	- 2000	4138	- 4000	165	2000	SH,SD	
ZONE 4 (-4000 -6000)	4138	- 4000	4267	- 4129	15+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WW - SAN PATRICIO WELL ID NO. : B1A20 ELEVATION : 26 TOTAL DEPTH : 8018  
 OPERATOR : STANOLIND OIL AND GAS WELL : NO.6 WELDER RANCH  
 LOCATION : GRT A-32 7200 FNL 6000 FESEC: TNSP : RNG : SUR : TARES + VILLAREAL

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	26	26	0	0	26	SH,SD	
ZONE 2 (-0 TO -2000)	26	0	2026	- 2000	240	2000	SH,SD	
ZONE 3 (-2000 -4000)	2026	- 2000	4026	- 4000	450	2000	SD,SH	
ZONE 4 (-4000 -6000)	4026	- 4000	6026	- 6000	430	2000	SD,SH	
ZONE 5 (-6000 -8000)	6026	- 6000	8018	- 7992	220		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WW - SAN PATRICIO WELL ID NO. : 82A20 ELEVATION : 35 TOTAL DEPTH : 12461

OPERATOR : OHIO OIL CO. WELL : NO.1 JEAN M. DAVIS

LOCATION : 660 FN\*WL SEC: TNSP : RNG : SUR : W. GROVER, A-132

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	35	35	0	0	35	SH	
ZONE 2 (-0 TO -2000)	35	0	2035	- 2000	335	2000	SH,SD	
ZONE 3 (-2000 -4000)	2035	- 2000	4035	- 4000	130	2000	SH,SD	
ZONE 4 (-4000 -6000)	4035	- 4000	6035	- 6000	760	2000	SH,SD	
ZONE 5 (-6000 -8000)	6035	- 6000	8035	- 8000	690	2000	SH,SD	
ZONE 6 (-8000 -10000)	8035	- 8000	10035	-10000	210	2000	SH,SD	
ZONE 7 (-10000-12000)	10035	-10000	12035	-12000	0	2000	SH,SD	
ZONE 8 (-12000-14000)	12035	-12000	12461	-12426	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WW - SAN PATRICIO WELL ID NO. : 82A21 ELEVATION : 67 TOTAL DEPTH : 10221  
 OPERATOR : TEXACO INC. WELL : NO.1 MOORE  
 LOCATION : 1320 FNL,660 FEL SEC: TNSP : 73 RNG : SUR : COLEMAN-FULTON LANDS

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 2 (-0 TO -2000)	1530	- 1463	2067	- 2000	----	537	SH,SD	ABV
ZONE 3 (-2000 -4000)	2067	- 2000	4067	- 4000	360	2000	SD,SH	
ZONE 4 (-4000 -6000)	4067	- 4000	6067	- 6000	660	2000	SD,SH	
ZONE 5 (-6000 -8000)	6067	- 6000	8067	- 8000	810	2000	SD,SH	
ZONE 6 (-8000 -10000)	8067	- 8000	10067	-10000	490	2000	SD,SH	
ZONE 7 (-10000-12000)	10067	-10000	10221	-10154	----		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XK - STARR                      WELL ID NO. : 89A20                      ELEVATION : 466                      TOTAL DEPTH : 5105

OPERATOR : SUN OIL CO.                      WELL : NO.C-2 RAMIREZ

LOCATION :                      SEC :                      TNSP :                      RNG :                      SUR :

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	466	466	0	0	466	SH,SD	
ZONE 2 (-0 TO -2000)	466	0	2466	- 2000	110	2000	SH,SD	
ZONE 3 (-2000 -4000)	2466	- 2000	4466	- 4000	140	2000	SH,SD	
ZONE 4 (-4000 -6000)	4466	- 4000	5105	- 4639	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XK - STARR                      WELL ID NO. : 89820                      ELEVATION : 450                      TOTAL DEPTH : 5202  
 OPERATOR : HICKOCK AND REYNOLDS                      WELL : NO.2 GUERRA  
 LOCATION : 3200 FNWL 330 FNEL OF LSESEC:                      TNSP :                      RNG :                      SUR : 300, 640 AC LSE

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	450	450	0	0	450	SH,SD	
ZONE 2 (-0 TO -2000)	450	0	2450	- 2000	260	2000	SH,SD	
ZONE 3 (-2000 -4000)	2450	- 2000	4450	- 4000	20	2000	SH,SD	
ZONE 4 (-4000 -6000)	4450	- 4000	5202	- 4752	----		SH,SD	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XK - STARR                      WELL ID NO. : 89B21                      ELEVATION : 385                      TOTAL DEPTH : 9430  
 OPERATOR : SUN OIL CO.                      WELL : NO.2-A COATES  
 LOCATION : 3800 FNL, 1457 FEL                      SEC:                      TNSP :                      RNG :                      SUR : SECTION 518

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	385	385	0	0	385	SH,SD	
ZONE 2 (-0 TO -2000)	385	0	2385	- 2000	75	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2385	- 2000	4385	- 4000	170	2000	SH,SD	
ZONE 4 (-4000 -6000)	4385	- 4000	6385	- 6000	320	2000	SH,SD	
ZONE 5 (-6000 -8000)	6385	- 6000	8385	- 8000	550	2000	SH,SD	
ZONE 6 (-8000 -10000)	8385	- 8000	9430	- 9045	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XK - STARR                      WELL ID NO. : 96A20                      ELEVATION : 445                      TOTAL DEPTH : 6425  
 OPERATOR : LOCKHART OIL CO.                      WELL : NO.2 BROCK  
 LOCATION : 2040 FEL POR 87                      SEC:                      TNSP :                      RNG :                      SUR : PORCION 86,- 160 SSL 923

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	445	445	0	0	445	SH,SD	
ZONE 2 (-0 TO -2000)	445	0	2445	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2445	- 2000	4445	- 4000	110	2000	SH,SD	
ZONE 4 (-4000 -6000)	4445	- 4000	6425	- 5980	0		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XK - STARR                      WELL ID NO. : 96A21                      ELEVATION : 292                      TOTAL DEPTH : 6515  
 OPERATOR : CHICAGO CORP.                      WELL : NO.1 DOSS  
 LOCATION : 36300 FNL, 1200 FWL                      SEC :                      TNSP :                      RNG :                      SUR : S-1266 ,PORCION 40

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	292	292	0	0	292	SH,SD	EST
ZONE 2 (-0 TO -2000)	292	0	2292	- 2000	105	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2292	- 2000	4292	- 4000	180	2000	SH,SD	
ZONE 4 (-4000 -6000)	4292	- 4000	6292	- 6000	190	2000	SH,SD	
ZONE 5 (-6000 -8000)	6292	- 6000	6515	- 6223	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YD - TRAVIS                      WELL ID NO. : 1                      ELEVATION : 800                      TOTAL DEPTH : 1560

OPERATOR : CYPRESS CREEK DRLG.                      WELL : NO.1 ROMBERG

LOCATION :                      SEC :                      TNSP :                      RNG :                      SUR : J.M. MILLER SUR

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF.	0	800	300	500	0	300	SD,SH,LS	
STRAWN	300	500	1560	- 760	----		SH,LS,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YD - TRAVIS      WELL ID NO. :      ELEVATION : 1024      TOTAL DEPTH : 1875

OPERATOR : P. S. GRIFFITHS, ETAL      WELL : NO.2 EVANS

LOCATION :      SEC :      TNSP :      RNG :      SUR : D + W SUR

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	1024	620	404	0	620	SD,SH,LS	
OUACHITA FOLD SERIES	620	404	1875	- 851	0		SH,SD,SILT	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YD - TRAVIS                      WELL ID NO. : 3                      ELEVATION : 608                      TOTAL DEPTH : 4506

OPERATOR : BREWSTER + BARTLE                      WELL : NO.1 TUCKER

LOCATION :                      SEC:                      TNSP :                      RNG :                      SUR : W. WELLS SUR.

FORMATION	DEPTH	TOP SUR-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	608	608	0	----	608	SD,SH,LS	
OUACHITA FOLD SERIES	608	0	4506	- 3898	----		SD,SH,SILT	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YM - TRINITY      WELL ID NO. : 5C8      ELEVATION : 361      TOTAL DEPTH : 13006  
 OPERATOR : SHELL OIL CO.      WELL : NO.1 SOUTHERN PINE LUMBER CO.  
 LOCATION : 990 FNWL, 2640 FNEL      SEC:      TNSP :      RNG :      SUR : P. CONNERLY A-143

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	1783	- 1422	5345	- 4984	1515	3562	SD, SH	
MIDWAY GP	5345	- 4984	6700	- 6344	0	1360	SH, SDY SH	
NAVARRO GP	6705	- 6344	6980	- 6619	0	275	SH, LS	
TAYLOR GP	6980	- 6619	7710	- 7349	----	730	SH, MRL	
AUSTIN GP	7710	- 7349	8030	- 7669	----	320	CHK	
EAGLE FORD GP	8030	- 7669	8030	- 7669	----	0		UNC
WOODBINE GP	8030	- 7669	8447	- 8086	55	417	SH, SD	TRC
WASHITA GP	8447	- 8086	8803	- 8442	----	356	LS, SH	
KIAMICHI FM	8803	- 8442	8832	- 8471	----	29	LS, SH	
EDWARDS UNDIFF.	8832	- 8471	9450	- 9089	100	618	LS, MRL, SH	
GLEN ROSE FM	9450	- 9089	11613	- 11252	270	2163	LS, SH	
BEXAR FM	11613	- 11252	11720	- 11359	----	107	SH	
JAMES FM	11720	- 11359	11950	- 11589	40	230	LS	
PINE ISLAND FM	11950	- 11589	12003	- 11642	----	53	SH, SHY LS	
SLIGO-HOSSTON FMS	12003	- 11642	13006	- 12645	40+		SD, SH, LS	TD

REMARKS  
 MASSIVE ANHYDRITE BECOMES REEF FACIES OF GLEN ROSE.

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YM - TRINITY      WELL ID NO. : 5C14      ELEVATION : 291      TOTAL DEPTH : 15027  
 OPERATOR : PAULEY PETR.      WELL : NO.1 PAULEY, MCCULLOUGH, ET AL  
 LOCATION : 8296 NFSEC, 3989 WFSEC      SEC :      TNSP :      RNG :      SUR : H. BOND LEAGUE

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	3050	- 2759	7110	- 6819	1880	4060	SH, SD	
MIDWAY GP	7110	- 6819	8540	- 8249	-----	1430	SH, SHY SD	
NAVARRO GP	8540	- 8249	8860	- 8569	-----	320	SH, LS	EST
TAYLOR GP	8860	- 8569	9590	- 9299	-----	730	SH, MRL	EST
AUSTIN GP	9590	- 9299	9794	- 9503	-----	204	CHK	
EAGLE FORD GP	9794	- 9503	9794	- 9503	-----	0		UNC
WOODBINE EQUIV.	9794	- 9503	10395	-10104	0	601	SH, SDY LS	EQV
BUDA FM	10395	-10104	10440	-10149	-----	45	LS	
GEORGETOWN FM	10450	-10159	10670	-10379	-----	220	LS	
EDWARDS UNDIFF.	10670	-10379	11150	-10859	70	480	LS, MRL	
GLEN ROSE FM	11150	-10859	13280	-12989	400	2130	LS, SH	
BEXAR FM	13280	-12989	13380	-13089	-----	100	SH, SHY LS	
JAMES FM	13380	-13089	13570	-13279	10	190	LS	
SLIGO-HOUSTON	13620	-13329	15027	-14736	60+		SD, SH, LS	TD

REMARKS  
 MASSIVE ANHYDRITE BECOMES REEF FACIES OF GLEN ROSE.



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YH - TRINITY      WELL ID NO. : 16A20      ELEVATION : 209      TOTAL DEPTH : 4510  
 OPERATOR : CURTIS HANKAMER ET AL      WELL : NO.1 WELLER + MADDOX  
 LOCATION : 598 FNEL, 905 FSL      SEC :      TNSP :      RNG :      SUR : WM, E. GEORGE SUR. A-227

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	209	209	0	0	209	SH,SD	
ZONE 2 (-0 TO -2000)	209	0	2209	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2209	- 2000	3508	- 3299	60	1299	SH,SD	
CARRIZO-WILCOX SD	3508	- 3299	4510	- 4301	640+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YJ - TYLER                      WELL ID NO. : 7A20                      ELEVATION : 148                      TOTAL DEPTH : 13000  
 OPERATOR : HUMBLE OIL + REF.                      WELL : NO.1 DAVIS  
 LOCATION : 2200 FSL (2.3MI.SE.HILLSTSEC:                      TNSP :                      RNG :                      SUR : NOT AVAILABLE

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	148	148	0	0	148	SH,SD	
ZONE 2 (-0 TO -2000)	148	0	2148	- 2000	0	2000	SH,SD	
ZONE 3 (-2000 -4000)	2148	- 2000	4148	- 4000	320	2000	SH,SD	
ZONE 4 (-4000 -6000)	4148	- 4000	6148	- 6000	580	2000	SD,SH	
ZONE 5 (-6000 -8000)	6148	- 6000	7365	- 7217	0	1217	SH	
CARRIZO-WILCOX SD	7365	- 7217	11765	-11617	680	4400	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YJ - TYLER                      WELL ID NO. : 7820                      ELEVATION : 73                      TOTAL DEPTH : 8015  
 OPERATOR : BOCK + EVANS                      WELL : SINCLAIR-ATLANTIC FEE 1  
 LOCATION : 467 FSWL, 2258 FWL                      SEC :                      TNSP :                      RNG :                      SUR : V. OPHILUS CUSHING SUR. A14

FORMATION	DEPTH	TOP SUR-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	73	73	0	0	73	SH,SD	
ZONE 2 (-0 TO -2000)	73	0	2073	- 2000	50	2000	SD,SH	
ZONE 3 (-2000 -4000)	2073	- 2000	4073	- 4000	440	2000	SD,SH	
ZONE 4 (-4000 -6000)	4073	- 4000	6073	- 6000	445	2000	SD,SH	
ZONE 5 (-6000 -8000)	6073	- 6000	7834	- 7761	55	1761	SH,SD	
CARRIZO-WILCOX SD	7834	- 7761	8015	- 7942	50+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YJ - TYLER                      WELL ID NO. : 17A01                      ELEVATION : 325                      TOTAL DEPTH : 20449  
 OPERATOR : HUMBLE OIL CO.                      WELL : NO.1 HOWELL  
 LOCATION : 660 FENEL, 710 FESL                      SEC :                      TNSP :                      RNG :                      SUR : JANE TAYLOR A-33

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	6305	- 5980	10330	-10005	950	4025	SD, SH	
AUSTIN GP	13596	-13271	13980	-13655	-----	384	CHK, MRL	
EAGLE FORD-WOODBINE	13980	-13655	14900	-14575	20	920	SH, SD	
WASHITA GP	14900	-14575	15650	-15325	-----	750	LS, SH	
EDWARDS-GLEN ROSE FMS	15650	-15325	19310	-18985	-----	3660	LS, SH	
PEARSALL FM	19310	-18985	19630	-19305	-----	320	SH, LS	
SLIGO-HOSSTON FMS	19630	-19305	20449	-20124	-----		LS, SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YJ - TYLER                      WELL ID NO. : 17A03                      ELEVATION : 300                      TOTAL DEPTH : 14505  
 OPERATOR : PAN AMERICAN OIL CO.                      WELL : NO.1 LONG BELL  
 LOCATION : 1850 FSNW, 400 FSSWL                      SEC :                      TNSP :                      RNG :                      SUR : W.M. SMITH, A-577

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	5475	- 5175	9680	- 9380	1440	4205	SD, SH	
AUSTIN GP	12538	-12238	13040	-12740	-----	502	CHK, MRL	
EAGLE FORD-WOODBINE	13040	-12740	13520	-13220	10	480	SH, SD	
WASHITA GP	13520	-13220	14160	-13860	-----	640	LS, SH	
EDWARDS FM	14160	-13860	14505	-14205	-----		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YJ - TYLER                      WELL ID NO. : 17A06                      ELEVATION : 364                      TOTAL DEPTH : 12020  
 OPERATOR : DAVIDSON                      WELL : NO.1 NEYLAND  
 LOCATION :                      SEC: 45                      TNSP :                      RNG :                      SUR : J.L. CRAIG A-931

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
AUSTIN GP	11025	-10661	11580	-11216	----	555	CHK, MRL	
EAGLE FORD-WOODBINE	11580	-11216	11860	-11496	30	280	SH, SD	
BUDA FM	11860	-11496	12020	-11656	----		LS	Td

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YJ - TYLER                      WELL ID NO. : 17A20                      ELEVATION : 365                      TOTAL DEPTH : 12020  
 OPERATOR : DAVIDSON ETAL                      WELL : NO.1 NEYLAND ETAL  
 LOCATION : 330 F SLY SL,1006 F WLY WSEC: 45                      TNSP :                      RNG :                      SUR : J.L. CRAIG SUR,=45 A-931

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	365	365	0	0	365	SH,SD	
ZONE 2 (-0 TO -2000)	365	0	2365	- 2000	250	2000	SH,SD	
ZONE 3 (-2000 -4000)	2365	- 2000	4365	- 4000	500	2000	SD,SH	
ZONE 4 (-4000 -6000)	4365	- 4000	4532	- 4167	0	167	SH	
CARRIZO-WILCOX SD	4532	- 4167	9010	- 8645	1850	4478	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YJ - TYLER                      WELL ID NO. : 17A21                      ELEVATION : 317                      TOTAL DEPTH : 9311  
 OPERATOR : JUSTISS-MEARS OIL CO.      WELL : NO.D-1 CARTER + BROTHER  
 LOCATION : 500 FWL + 1495 FSL BLK 45SEC:                      TNSP :                      RNG :                      SUR : G.ARAUJO 5 LEAGE GRNT AB3

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	317	317	0	0	317	SH,SD	
ZONE 2 (-0 TO -2000)	317	0	2317	- 2000	210	2000	SD,SH	
ZONE 3 (-2000 -4000)	2317	- 2000	4317	- 4000	500	2000	SD,SH	
ZONE 4 (-4000 -6000)	4317	- 4000	4815	- 4498	10	498	SH,SD	
CARRIZO-WILCOX SD	4815	- 4498	9220	- 8903	1680	4405	SD,SH	



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YP - UVALDE                      WELL ID NO. : 1                      ELEVATION : 1510                      TOTAL DEPTH : 4220  
 OPERATOR : TRANSCONTINENTAL OIL                      WELL : NO. 1 PATTERSON  
 LOCATION :                      SEC:                      TNSP :                      RNG :                      SUR : ISSAC R. HENRY SUR.

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
CRETACEOUS-UNDIFF.	0	1510	1726	- 216	0	1726		
WDLFLAMP	1726	- 216	2450	- 940	0	724	SH	
PENNSYLVANIAN-UNDIFF	2450	- 940	4220	- 2710	50	1770	SH,SD	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YP - UVALDE                      WELL ID NO. : 2                      ELEVATION : 1663                      TOTAL DEPTH : 6503  
 OPERATOR : THE TEXAS CO.                      WELL : NO.1 MITCHELL  
 LOCATION : 2298 FNL, 262 FWL                      SEC:                      TNSP :                      RNG :                      SUR : HE+ WT SUR.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF	0	1663	1272	391	----	1272		
WOLFCAMP	1272	391	1745	- 82	10	473	SH,SD	
PENNSYLVANIAN-UNDIFF	1745	- 82	5800	- 4137	40	4055	SH,SD,LS	
OUACHITA FOLD SERIES	5800	- 4137	6503	- 4840	0			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YP - UVALDE                      WELL ID NO. : 3                      ELEVATION : 1346                      TOTAL DEPTH : 2370  
 OPERATOR : UNIVERSAL                      WELL : NO.1 M. E. RANCH  
 LOCATION : 1980 FNL,1980 FEL              SEC:                      TNSP :                      RNG :                      SUR : M. P. ZOTO SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	1346	1346	0	0	1346	LS,SH,SD	
OUACHITA FOLD SERIES	1346	0	2370	- 1024	0		SD,LS,CHT	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YP - UVALDE                      WELL ID NO. : 4                      ELEVATION : 1792                      TOTAL DEPTH : 2515

OPERATOR : BERNARD EINSTOSS                      WELL : NO. 1 WARDLAW

LOCATION :                      SEC :                      TNSP :                      RNG :                      SUR : R. MIDDLETON SUR.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF	0	1792	1735	57	0	1735	LS,SH,SD	
OUACHITA FOLD SERIES	1735	57	2515	- 723	0			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YP - UVALDE            WELL ID NO. : 51B03            ELEVATION : 791            TOTAL DEPTH : 4890  
 OPERATOR : INTNATL NUCLEAR CORP.    WELL : NO.1 KINCAID RANCH  
 LOCATION : 5747 FEL, 7240 FNL        SEC:            TNSP :            RNG :            SUR : HIPOLITO SOTELLO

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
SAN MIGUEL SD	900	- 109	1195	- 404	65	295	SD, SH	
AUSTIN GP	1285	- 494	1700	- 909	----	415	CHK, MRL	
EAGLE FORD GP	1700	- 909	1825	- 1034	----	125	SH, SHY LS	
WASHITA GP	1825	- 1034	2060	- 1269	----	235	LS, SH	
EDWARDS FM	2060	- 1269	2695	- 1904	----	635	LS, DOL	
GLEN ROSE FM	2695	- 1904	4090	- 3299	----	1395	LS, DOL	
PEARSALL FM	4090	- 3299	4560	- 3769	----	470	SH, LS	
SLIGO FM	4560	- 3769	4890	- 4099	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YT - VICTORIA      WELL ID NO. : 66A20      ELEVATION : 152      TOTAL DEPTH : 9196  
 OPERATOR : R.B. ROOS      WELL : NO.1 MC CORMIC  
 LOCATION : 575 FSL, 2000 FEL      SEC:      TNSP :      RNG :      SUR : S.A.,+G, RR SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	152	152	0	0	152	SH,SD	
ZONE 2 (-0 TO -2000)	152	0	2152	- 2000	160	2000	SD,SH	
ZONE 3 (-2000 -4000)	2152	- 2000	4152	- 4000	330	2000	SH,SD	
ZONE 4 (-4000 -6000)	4152	- 4000	6152	- 6000	0	2000	SH	
ZONE 5 (-6000 -8000)	6152	- 6000	8152	- 8000	0	2000	SH	
ZONE 6 (-8000 -10000)	8152	- 8000	9033	- 8881	0	881	SH	
CARRIZO-WILCOX SD	9033	- 8881	9196	- 9044	30+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YL - VICTORIA WELL ID NO. : 66B20 ELEVATION : 100 TOTAL DEPTH : 5815

OPERATOR : A. NELSON MC CARTER WELL : NO.1 MORRIS

LOCATION : 2000 FNWL, 3300 FNEL OF LSSEC: TNSP : RNG : SUR : J.FLOWES SUR.A-29

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	100	100	0	0	100	S,SD	
ZONE 2 (-0 TO -2000)	100	0	2100	- 2000	6	2000	SD,SH	
ZONE 3 (-2000 -4000)	2100	- 2000	4100	- 4000	750	2000	SD,SH	
ZONE 4 (-4000 -6000)	4100	- 4000	5815	- 5715	155+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YT - VICTORIA      WELL ID NO. : 67C20      ELEVATION : 58      TOTAL DEPTH : 7437  
 OPERATOR : DAVIS + HURD      WELL : NO.1 EKSTRUM  
 LOCATION : 2200 ELY NEL, 850 ELYNWL SEC:      TNSP :      RNG :      SUR : S.A.+M.G.SUR. NO.10.A-384

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	58	58	0	0	58	SH,SD	
ZONE 2 (-0 TO -2000)	58	0	2058	- 2000	170	2000	SD,SH	
ZONE 3 (-2000 -4000)	2058	- 2000	4058	- 4000	400	2000	SD,SH	
ZONE 4 (-4000 -6000)	4058	- 4000	6058	- 6000	620	2000	SD,SH	
ZONE 5 (-6000 -8000)	6058	- 6000	7437	- 7379	530+		SD,SH	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, F AND C DEPT.

JUN 1971

COUNTY : YU - WALKER      WELL ID NO. : 16A06      ELEVATION : 283      TOTAL DEPTH : 14600  
 OPERATOR : HUMBLE OIL AND REF.      WELL : NO.1 MCADAMS  
 LOCATION : 1200 FSL, 1200 FWL      SEC:      TNSP :      RNG :      SUR : W.F. MCADAMS A-684

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	2498	- 2215	7000	- 6717	1620	4502	SD, SH	
AUSTIN GP	9460	- 9177	9690	- 9407	----	230	CHK, MRL	
EAGLE FORD-WOODBINE	9690	- 9407	10701	-10418	155	1011	SD, SH	
WASHITA GP	10701	-10418	10980	-10697	----	279	LS, SH	
EDWARDS FM	10980	-10697	11730	-11447	50	750	LS, SH	EST
GLEN ROSE FM	11730	-11447	14020	-13737	----	2290	LS, SH	
PEARSALL FM	14020	-13737	14400	-14117	----	380	SH, LS	
SLIGO FM	14400	-14117	14600	-14317	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YU - WALKER                      WELL ID NO. : 16A08                      ELEVATION : 163                      TOTAL DEPTH : 14300  
 OPERATOR : H.L. HAWKINS ETAL                      WELL : NO.1 EARL MORRIS  
 LOCATION : 3550 FSEL, 13500 FSWL                      SEC:                      TNSP :                      RNG :                      SUR : JOSE ORTEGA A-35

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	3060	- 2897	7490	- 7327	1750	4430	SD, SH	
AUSTIN GP	10370	-10207	10620	-10457	----	250	CHK, MRL	
EAGLE FORD-WOODBINE	10620	-10457	11558	-11395	112	938	SH, SD	
WASHITA GP	11558	-11395	11855	-11692	----	297	LS, SH	
EDWARDS FM	11855	-11692	12508	-12345	165	653	LS, DOL	
GLEN ROSE FM	12508	-12345	14300	-14137	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YU - WALKER      WELL ID NO. : 16A10      ELEVATION : 209      TOTAL DEPTH : 15556

OPERATOR : HUMBLE OIL AND REF.      WELL : NO.1 GIBBS BROS.

LOCATION : 940 FSEL, 2750 FSWL      SEC:      TNSP :      RNG :      SUR : G. BERNARD, A-5

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	3969	- 3760	8425	- 8216	1670	4456	SD, SH	
AUSTIN GP	11310	-11101	11420	-11211	----	110	CHK, MRL	
EAGLE FORD-WOODBINE	11420	-11211	12162	-11953	30	742	SH, SD	UNC
WASHITA GP	12162	-11953	12260	-12051	----	98	LS, SH	
EDWARDS FM	12260	-12051	12770	-12561	180	510	LS, DOL	EST
GLEN ROSE FM	12770	-12561	14850	-14641	----	2080	LS, SH	EST
PEARSALL FM	14850	-14641	15160	-14951	----	310	SH, LS	
SLIGO-HOSSTON FMS	15160	-14951	15556	-15347	----		LS, SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YU - WALKER      WELL ID NO. : 16A12      ELEVATION : 385      TOTAL DEPTH : 15400  
 OPERATOR : M. H. MARR AND MORAN      WELL : NO.3 GIBBS BROTHERS CO.  
 LOCATION : 2 MI SSW PHELPS FIELD      SEC:      TNSP :      RNG :      SUR : B.B. GOODRICH A-23

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	5695	- 5310	10905	-10520	1500	5210	SD, SH	
AUSTIN GP	14145	-13760	14210	-13825	----	65	CHK, MRL	
EAGLE FORD-WOODBINE	14210	-13825	14900	-14515	0	690	SH, SHY LS	
WASHITA GP	14900	-14515	14940	-14555	----	40	LS, SH	
EDWARDS FM	14940	-14555	15400	-15015	----		LS, DOL, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YU - WALKER                      WELL ID NO. : 16A15                      ELEVATION : 331                      TOTAL DEPTH : 15972  
 OPERATOR : SKELLY OIL CO.                      WELL : NO.1 GIBBS A  
 LOCATION : 4500 FWL, 5280 FNL                      SFC:                      TNSP :                      RNG :                      SUR : JUAN JOSE SANCHEZ A-46

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUR-SEA	DEPTH	SUR-SEA	DEPTH				
CARRIZO-WILCOX GP	3530	- 3199	8225	- 7894	1900	4695	SD, SH		
AUSTIN GP	11266	-10935	11424	-11093	----	158	CHK, MRL		
EAGLE FORD-WOODBINE	11424	-11093	12380	-12049	38	956	SH, SD		
WASHITA GP	12380	-12049	12605	-12274	----	225	LS, SH		
EDWARDS FM	12605	-12274	13270	-12939	315	665	LS, DOL		
GLEN ROSF FM	13270	-12939	15456	-15125	----	2186	LS, DOL		
PEARSALL FM	15456	-15125	15785	-15454	----	329	SH, LS		
SLIGO FM	15785	-15454	15972	-15641	----		LS		TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YU - WALKER      WELL ID NO. : 16A22      ELEVATION : 163      TOTAL DEPTH : 14300  
 OPERATOR : HAWKINS + HAWKINS      WELL : NO.1 MORRIS  
 LOCATION : 3550 FSEL, 13500 FSWL      SEC:      TNSP :      RNG :      SUR : TRINITY RIVER SUR.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	163	163	0	0	163	SH,SD	
ZONE 2 (-0 TO -2000)	163	0	2163	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2163	- 2000	3060	- 2897	90	897	SD,SH	
CARRIZO-WILCOX SD	3060	- 2897	7700	- 7537	2560	4640	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : YU - WALKER                      WELL ID NO. : 16A23                      ELEVATION : 420                      TOTAL DEPTH : 10215  
 OPERATOR : MORAN CORP.                      WELL : NO.1 OLIPHINT HEIRS  
 LOCATION : 7450 FWL, 4200 FNLY NL                      SEC:                      TNSP :                      RNG :                      SUR : LEWIS COX SUR. A-13

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	420	420	0	0	420	SH,SD	
ZONE 2 (-0 TO -2000)	420	0	2420	- 2000	15	2000	SD,SH	
ZONE 3 (-2000 -4000)	2420	- 2000	4420	- 4000	305	2000	SH,SD	
ZONE 4 (-4000 -6000)	4420	- 4000	4855	- 4435	75	435	SH,SD	
CARRIZO-WILCOX SD	4855	- 4435	10120	- 9700	2665	5265	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YW - WALLER            WELL ID NO. : 3A21            ELEVATION : 200            TOTAL DEPTH : 9510  
 OPERATOR : GRAY + BLK.BEAR MINNG    WELL : NO.1 FIFE  
 LOCATION : NOT AVAILABLE            SEC:            TNSP :            RNG :            SUR : NOT AVAILABLE

FORMATION	DEPTH TOP	SUB-SEA	DEPTH BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	200	200	0	0	200	SH,SD	
ZONE 2 (-0 TO -2000)	200	0	2200	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2200	- 2000	4200	- 4000	45	2000	SH,SD	
ZONE 4 (-4000 -6000)	4200	- 4000	6200	- 6000	420	2000	SD,SH	
ZONE 5 (-6000 -8000)	6200	- 6000	8020	- 7820	0	1820	SH	
CARRIZO-WILCOX SD	8020	- 7820	9510	- 9310	400+		SD,SH	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YM - WALLER      WELL ID NO. : 4A21      ELEVATION : 250      TOTAL DEPTH : 10821  
 OPERATOR : ASSOC. OIL + GAS CO.      WELL : NO.1-A RICE UNIVERSITY  
 LOCATION : 900 FEL, 6260 FNL      SFC:      TNSP :      RNG :      SUR : JOHN STEPHENS SUR.A-294

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	250	250	0	0	250	SH,SD	
ZONE 2 (-0 TO -2000)	250	0	2250	- 2000	30	2000	SH,SD	
ZONE 3 (-2000 -4000)	2250	- 2000	4250	- 4000	210	2000	SH,SD	
ZONE 4 (-4000 -6000)	4250	- 4000	6250	- 6000	730	2000	SD,SH	
ZONE 5 (-6000 -8000)	6250	- 6000	7860	- 7610	0	1610	SH	
CARRIZO-WILCOX SD	7860	- 7610	10821	-10571	1080+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YM - WALLER                      WELL ID NO. : 15821                      ELEVATION : 254                      TOTAL DEPTH : 20800  
 OPERATOR : SHELL OIL CO.                      WELL : NO.1 CHAPMAN  
 LOCATION : 1900 FEL, 2100 FSL                      SEC:                      TNSP :                      RNG :                      SUR : THOMAS TVENS SUR A-57

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	254	254	0	0	254	SH,SD	
ZONE 2 (-0 TO -2000)	254	0	2254	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2254	- 2000	4254	- 4000	30	2000	SH,SD	
ZONE 4 (-4000 -6000)	4254	- 4000	6254	- 6000	290	2000	SH,SD	
ZONE 5 (-6000 -8000)	6254	- 6000	6980	- 6726	10	726	SH,SD	
CARRIZO-WILCOX SD	6980	- 6726	12130	-11876	2140	5150	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YY - WASHINGTON      WELL ID NO. : 15B22      ELEVATION : 244      TOTAL DEPTH : 9658  
 OPERATOR : HAMON + COX      WELL : NO.1 SHAVER  
 LOCATION : FNW CR. SUR. E ON N1080N39SEC:      TNSP :      RNG :      SUR : W. MUNSON SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	244	244	0	0	244	SH,SD	
ZONE 2 (-0 TO -2000)	244	0	2244	- 2000	40	2000	SD,SH	
ZONE 3 (-2000 -4000)	2244	- 2000	4244	- 4000	440	2000	SD,SH	
ZONE 4 (-4000 -6000)	4244	- 4000	6244	- 6000	210	2000	SH,SD	
ZONE 5 (-6000 -8000)	6244	- 6000	6614	- 6370	0	370	SH	
CARRIZO-WILCOX SD	6614	- 6370	9658	- 9414	1090+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : YY - WASHINGTON WELL ID NO. : 15B23 ELEVATION : 448 TOTAL DEPTH : 9203  
 OPERATOR : H.J. CHAVANNE TRUSTEE WELL : NO.1 BRAUNER  
 LOCATION : 1800 SE + 2650 FSWL SEC: TNSP : RNG : SUR : HENRY AUSTIN SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	448	448	0	0	448	SH,SD	
ZONE 2 (-0 TO -2000)	448	0	2448	- 2000	190	2000	SH,SD	
ZONE 3 (-2000 -4000)	2448	- 2000	4448	- 4000	290	2000	SH,SD	
ZONE 4 (-4000 -6000)	4448	- 4000	4650	- 4202	0	202	SH	
CARRIZO-WILCOX SD	4650	- 4202	9203	- 8755	3130+		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : Y2 - WEBB                      WELL ID NO. : 75B01                      ELEVATION : 611                      TOTAL DEPTH : 10330  
 OPERATOR : SUTTON PROD CO.                      WELL : NO.1 SAM KONE  
 LOCATION : 1320 FEL. 2000 FSL                      SEC:                      TNSP :                      RNG :                      SUR : J.W. CODY, 2179, A-646

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP	
		DEPTH	SUB-SEA	DEPTH	SUB-SEA					
CARRIZO-WILCOX GP	1630	-	1019	4425	-	3814	950	2795	SD, SH	
ESCONDIDO SD	5145	-	4534	5160	-	4549	5	15	SH, SD	
OLMOS SD	6900	-	6289	7075	-	6464	12	175	SD, SH	
AUSTIN GP	9140	-	8529	9604	-	8993	----	464	CHK, MRL	
EAGLE FORD GP	9604	-	8993	9868	-	9257	----	264	SH, SHY LS	
WASHITA GP	9868	-	9257	9942	-	9331	----	74	LS, SH	EST
EDWARDS FM	9942	-	9331	10330	-	9719	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 76801                      ELEVATION : 804                      TOTAL DEPTH : 14981  
 OPERATOR : GENERAL CRUDE OIL CO.      WELL : NO.1 PETTY  
 LOCATION : 818 FNL, 1692 FEL              SEC :                      TNSP :                      RNG :                      SUR : I. AND G.N. R.R., 18, A175

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	800	4	2700	- 1896	350+	1900	SD, SH	ABV
OLMOS SD	4700	- 3896	5200	- 4396	40	500	SD, SH	
AUSTIN GP	7150	- 6346	7515	- 6711	----	365	CHK, MRL	
EAGLE FORD GP	7515	- 6711	7880	- 7076	----	365	SH, SHY LS	
WASHITA GP	7880	- 7076	8385	- 7581	----	505	LS, SH	
EDWARDS-GLEN ROSE FMS	8385	- 7581	11261	-10457	----	2876	LS, DOL	EQV
PEARSALL FM	11261	-10457	11715	-10911	----	454	SH, LS	
SLIGO-HOSSTON FMS	11715	-10911	14981	-14177	----		LS, SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT,

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 76822                      ELEVATION : 739                      TOTAL DEPTH : 5550  
 OPERATOR : TEXAS GAS EXPLORATION      WELL : NO.1 PETTY  
 LOCATION : 4000 FWL + 660 FSL              SEC:                      TNSP :                      RNG :                      SUR : L.+G.N. R.R.SUR. 12

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	739	177	562	0	177	SD,SH	
CARRIZO-WILCOX SD	177	562	3050	- 2311	790	2873	SD,SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 76823                      ELEVATION : 822                      TOTAL DEPTH : 10349  
 OPERATOR : W. EARL ROWE                      WELL : NO.1 J.N. GARNER  
 LOCATION : 2620 FEL, 4780 FNL                      SEC :                      TNSP :                      RNG :                      SUR : M.M. NICHOLS, 1900, A-557

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	822	822	0	0	822	SH, SD	
ZONE 2 (-0 TO -2000)	822	0	1836	- 1014	390	1014	SD, SH	
CARRIZO-WILCOX SD	1836	- 1014	4560	- 3738	850	2724	SD, SH	
ESCONDIDO SD	5010	- 4188	5235	- 4413	10	225	SH, SD	
OLMOS SD	6805	- 5983	6910	- 6088	15	105	SD, SH	
AUSTIN GP	9030	- 8208	9475	- 8653	----	445	CHK, MRL	
EAGLE FORD GP	9475	- 8653	9812	- 8990	----	337	SH, SHY LS	
WASHITA GP	9812	- 8990	9950	- 9128	----	138	LS, SH	
EDWARDS	9950	- 9128	10349	- 9527	----		LS, DOL	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 77A01                      ELEVATION : 668                      TOTAL DEPTH : 19445  
 OPERATOR : PAN AMERICAN PETH CO                      WELL : NO.1 ROSA V DE BENAVIDES  
 LOCATION : 34350 NEF RIVER, 1950 FNWSEC:                      TNSP :                      RNG :                      SUR : ANTONIO GONZALES A-57

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	1000	- 332	3810	- 3142	720	2810		
OLMOS SD	6880	- 6212	7390	- 6722	20	510		
AUSTIN GP	9765	- 9097	10160	- 9492	----	395	CHK, MRL	FLT
EAGLE FORD GP	10160	- 9492	10555	- 9887	----	395	SH, SHY LS	
WASHITA GP	10555	- 9887	11100	-10432	----	545	LS, SH	
EDWARDS-GLEN ROSE FMS	11100	-10432	12460	-11792	----	1360	LS, DOL	
PEARSALL FM	12460	-11792	12798	-12130	----	338		
SLIGO-HOSSTON FMS	12798	-12130	17052	-16384	----	4254		

REMARKS  
 200 FT. F/O AT 9765

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 77A02                      ELEVATION : 650                      TOTAL DEPTH : 14072  
 OPERATOR : COPANO OIL CO.                      WELL : NO.A-1 PALAFOX EXPLOR. CO.  
 LOCATION : 660 FSEL, 23626 FSWL                      SEC:                      TNSP :                      RNG :                      SUR : JOAQUIN GALAN A-65

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	640	10	3450	- 2800	950	2810	SD, SH	
OLMOS SD	6078	- 5428	6230	- 5580	35	152	SD, SH	
AUSTIN GP	8537	- 7887	9070	- 8420	----	533	CHK, MRL	
EAGLE FORD GP	9070	- 8420	9460	- 8810	----	390	SH, SHY LS	
WASHITA GP	9460	- 8810	9550	- 8900	----	90	LS, SH	
EDWARDS-GLEN ROSE FMS	9550	- 8900	11720	-11070	----	2170	LS, DOL	EST
PEARSALL FM	11720	-11070	12050	-11400	----	330	SH, LS	
SLIGO FM	12050	-11400	14072	-13422	----		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 77A03                      ELEVATION : 604                      TOTAL DEPTH : 13500  
 OPERATOR : PAN AMERICAN PETR CO.      WELL : NO.1 SOPHIE MARTIN  
 LOCATION : 467 FNWL, 2000 FNEL      SEC :                      TNSP :                      RNG :                      SUR : H.H. NELSON, 87, A-2798

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	950	- 346	3890	- 3286	900+	2940	SD, SH	ABV
OLMOS SD	6695	- 6091	6910	- 6306	25	215	SD, SH	
AUSTIN GP	9482	- 8878	10030	- 9426	----	548	CHK, MRL	
EAGLE FORD GP	10030	- 9426	10435	- 9831	----	405	SH, SHY LS	
WASHITA GP	10435	- 9831	10760	-10156	----	325	LS, SH	
EDWARDS-GLEN ROSE FMS	10760	-10156	12350	-11746	----	1590	LS, DOL	
PEARSALL FM	12350	-11746	12720	-12116	----	370	SH, LS	
SLIGO FM	12720	-12116	13500	-12896	----		LS,	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 77A20                      ELEVATION : 617                      TOTAL DEPTH : 10515  
 OPERATOR : GINTHER ET AL                      WELL : NO.1 MIDDLETON  
 LOCATION : NE CORNER A-3113                      SEC:                      TNSP :                      RNG :                      SUR : MRS. G. SCHWARTZ,S.97

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	617	617	0	100	617	SH,SD	EST
ZONE 2 (-0 TO -2000)	617	0	1003	- 386	50	386	SH,SD	
CARRIZO-WILCOX SD	1003	- 386	3853	- 3236	660	2850	SD, SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC., E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 77A21                      ELEVATION : 668                      TOTAL DEPTH : 15549

OPERATOR : PAN AMERICAN PET CORP                      WELL : NO.1 ROSA DE BENAVIDES

LOCATION :                      SEC :                      TNSP :                      RNG :                      SUR : GONZALES SURV A-57

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	668	460	208	0	460	SH, SD	
CARRIZO-WILCOX SD	460	208	3858	- 3190	540	3398	SH, SD	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 78A20                      ELEVATION : 430                      TOTAL DEPTH : 9499  
 OPERATOR : SINCLAIR                      WELL : NO.1 CALLAGHAN LAND CO.  
 LOCATION : 1650 FSEL, 330 FNEL                      SEC:                      TNSP :                      RNG :                      SUR : 585

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	430	430	0	40	430	SH,SD	
ZONE 2 (-0 TO -2000)	430	0	2430	- 2000	150	2000	SH,SD	
ZONE 3 (-2000 -4000)	2440	- 2010	4225	- 3795	575	1785	SH,SD	
CARRIZO-WILCOX SD	4225	- 3795	6460	- 6030	550	2235	SD, SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 78A21                      ELEVATION : 701                      TOTAL DEPTH : 6550  
 OPERATOR : RUSSELL MAGUIRE                      WELL : NO.1 HACHAR  
 LOCATION : 660 FSW + SEL OF LSE                      SEC:                      TNSP :                      RNG :                      SUR : A-275, SUR. 737

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	701	701	0	0	701	SH,SD	
ZONE 2 (-0 TO -2000)	701	0	2701	- 2000	475	2000	SH,SD	
ZONE 3 (-2000 -4000)	2701	- 2000	2780	- 2079	10	79	SH,SD	
CARRIZO-WILCOX SD	2780	- 2079	6010	- 5309	420	3230	SU, SH	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 78B20                      ELEVATION : 709                      TOTAL DEPTH : 19476  
 OPERATOR : GINTHER ET AL                      WELL : NO.1-A KILLAM  
 LOCATION : 860 FEL, 1520 FSL                      SEC:                      TNSP :                      RNG :                      SUR : GC+SF NO.1807

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	709	709	0	60	709	SH,SD	EST
ZONE 2 (-0 TO -2000)	709	0	2709	- 2000	520	2000	SH,SD	
ZONE 3 (-2000 -4000)	2709	- 2000	3180	- 2471	60	471	SH,SD	
CARRIZO-WILCOX SD	3180	- 2471	7390	- 6681	500	4210	SH, SD	



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 78B21                      ELEVATION : 600                      TOTAL DEPTH : 7453  
 OPERATOR : HUMBLE OIL AND REF.                      WELL :  
 LOCATION : 2090 FNL, 611 FEL                      SEC:                      TNSP :                      RNG :                      SUR : A-1111,CCSD+RGNG, S.1645

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	600	600	0	70	600	SH,SD	
ZONE 2 (-0 TO -2000)	600	0	2600	- 2000	130	2000	SH,SD	
ZONE 3 (-2000 -4000)	2600	- 2000	4600	- 4000	720	2000	SH,SD	
ZONE 4 (-4000 -6000)	4600	- 4000	4815	- 4215	0	215	SH,SD	
CARRIZO-WILCOX SD	4815	- 4215	7453	- 6853	510		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 86A20                      ELEVATION : 790                      TOTAL DEPTH : 12802  
 OPERATOR : STANDARD OF TEXAS                      WELL : NO.1-3 ROSA BENEVIDES  
 LOCATION : 990 FNWL,660 FNEL                      SEC: 6                      TNSP :                      RNG :                      SUR : JOSEFA CUELLAR GRANT 1643

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	790	790	0	0	790	SH,SD	
ZONE 2 (-0 TO -2000)	790	0	2790	- 2000	160	2000	SH,SD	
ZONE 3 (-2000 -4000)	2790	- 2000	4790	- 4000	390	2000	SH,SD	
ZONE 4 (-4000 -6000)	4790	- 4000	6790	- 6000	250	2000	SH,SD	
ZONE 5 (-6000 -8000)	6790	- 6000	8790	- 8000	30	2000	SH,SD	
ZONE 6 (-8000 -10000)	8790	- 8000	10790	-10000	90	2000	SH,SD	
ZONE 7 (-10000-12000)	10790	-10000	12790	-12000	50	2000	SH,SD	
ZONE 8 (-12000-14000)	12790	-12000	12802	-12012	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 87A20                      ELEVATION : 550                      TOTAL DEPTH : 7020  
 OPERATOR : RICHARDSON PETR.                      WELL : NO.1 MCKENDRICK  
 LOCATION : 8100 FEL, 660 FSL                      SEC:                      TNSP :                      RNG :                      SUR : A-54,D.GARCIA, PORCION 45

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	550	550	0	0	550	SH,SD	
ZONE 2 (-0 TO -2000)	550	0	2550	- 2000	290	2000	SH,SD	
ZONE 3 (-2000 -4000)	2550	- 2000	4550	- 4000	780	2000	SH,SD	
ZONE 4 (-4000 -6000)	4550	- 4000	4800	- 4250	0	250	SH,SD	
CARRIZO-WILCOX SD	4800	- 4250	7020	- 6470	520		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YZ - WEBB                      WELL ID NO. : 87A21                      ELEVATION : 553                      TOTAL DEPTH : 7515  
 OPERATOR : TEXACO INC.                      WELL : NO.1-NCT-1 BRUNI EST.  
 LOCATION : 330 FNWL, 330 FSL OF LSE SEC:                      TNSP :                      RNG :                      SUR : J.V. BORREGAS GRANT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	553	553	0	30	553	SH,SD	
ZONE 2 (-0 TO -2000)	553	0	2553	- 2000	60	2000	SH,SD	
ZONE 3 (-2000 -4000)	2553	- 2000	4553	- 4000	460	2000	SH,SD	
ZONE 4 (-4000 -6000)	4553	- 4000	5810	- 5257	50	1257	SH,SD	
CARRIZO-WILCOX SD	5810	- 5257	7515	- 6962	720		SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZA - WHARTON      WELL ID NO. : 1C21      ELEVATION : 115      TOTAL DEPTH : 4960  
 OPERATOR : ACCO OIL & GAS CORP.      WELL : NO.1 SCHMIDT  
 LOCATION : 2700 FNL, 700 FEL      SEC:      TNSP :      RNG :      SUR : J.H. GOFF SUR.NO.36 A-859

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	115	115	0	0	115	SH,SD	
ZONE 2 (-0 TO -2000)	115	0	2115	- 2000	35	2000	SD,SH	
ZONE 3 (-2000 -4000)	2115	- 2000	4115	- 4000	310	2000	SH,SD	
ZONE 4 (-4000 -6000)	4115	- 4000	4960	- 4845	210+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZA - WHARTON      WELL ID NO. : 2C20      ELEVATION : 126      TOTAL DEPTH : 7541  
 OPERATOR : TEXAS GULF SULPHUR CO      WELL : NO.1 HUDGINS  
 LOCATION : 1300 SNL, 464 EWL      SEC:      TNSP :      RNG :      SUR : ALEX.JACKSN.PRARIE LGEA34

FORMATION	DEPTH TOP	SUB-SEA	DEPTH BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	126	126	0	0	126	SH,SD	
ZONE 2 (-0 TO -2000)	126	0	2126	- 2000	0	2000	SD,SH	
ZONE 3 (-2000 -4000)	2126	- 2000	4126	- 4000	480	2000	SD,SH	
ZONE 4 (-4000 -6000)	4126	- 4000	6126	- 6000	200	2000	SH,SD	
ZONE 5 (-6000 -8000)	6126	- 6000	7541	- 7415	0+		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZA - WHARTON      WELL ID NO. : 2C21      ELEVATION : 114      TOTAL DEPTH : 5684  
 OPERATOR : ACCO OIL + GAS      WELL : NO.1 UNIT MAREK-LARSON  
 LOCATION : 3875 FEL, 1484 FSL      SEC:      TNSP :      RNG :      SUR : L.CONKRITE SUR. A-16

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	114	114	0	0	114	SH,SD	
ZONE 2 (-0 TO -2000)	114	0	2114	- 2000	40	2000	SH,SD	
ZONE 3 (-2000 -4000)	2114	- 2000	4114	- 4000	360	2000	SH,SD	
ZONE 4 (-4000 -6000)	4114	- 4000	5684	- 5570	295+		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZA - WHARTON      WELL ID NO. : 9A20      ELEVATION : 90      TOTAL DEPTH : 7115  
 OPERATOR : DELLWOOD OIL CO.      WELL : NO.1 LIPPARD-GAMM  
 LOCATION : 1400 FNEL, 3400 FNWL      SEC:      TNSP :      RNG :      SUR : S.CASTLEMAN SUR.A-12

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	90	90	0	0	90	SH,SD	
ZONE 2 (-0 TO -2000)	90	0	2090	- 2000	40	2000	SD,SH	
ZONE 3 (-2000 -4000)	2090	- 2000	4090	- 4000	70	2000	SH,SD	
ZONE 4 (-4000 -6000)	4090	- 4000	6090	- 6000	310	2000	SH,SD	
ZONE 5 (-6000 -8000)	6090	- 6000	7115	- 7025	395+		SD,SH	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : 2J - WILLACY      WELL ID NO. : 94A20      ELEVATION : 53      TOTAL DEPTH : 14506  
 OPERATOR : PAN AMERICAN      WELL : NO.1 H.C. COLEMAN UNIT  
 LOCATION : BLK 6 LOT 5      SEC :      TNSP :      RNG :      SUR : A-8 SAN JUAN CARRICITOS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
ZONE 1 ABOVE SEA LEV.	0	53	53	0	0	53	SH,SD	
ZONE 2 (-0 TO -2000)	53	0	2053	- 2000	60	2000	SH,SD	EST
ZONE 3 (-2000 -4000)	2053	- 2000	4053	- 4000	450	2000	SH,SD	
ZONE 4 (-4000 -6000)	4053	- 4000	6053	- 6000	270	2000	SH,SD	
ZONE 5 (-6000 -8000)	6053	- 6000	8053	- 8000	240	2000	SH,SD	
ZONE 6 (-8000 -10000)	8053	- 8000	10053	-10000	310	2000	SH,SD	
ZONE 7 (-10000-12000)	10053	-10000	12053	-12000	230	2000	SH,SD	
ZONE 8 (-12000-14000)	12053	-12000	14053	-14000	310	2000	SH,SD	
ZONE 9 (-14000-16000)	14053	-14000	14506	-14453	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : ZJ - WILLACY      WELL ID NO. : 94A21      ELEVATION : 30      TOTAL DEPTH : 9500  
 OPERATOR : HUMBLE OIL AND REF.      WELL : NO.4 SAUZ RANCH  
 LOCATION : SHARE 64      SEC:      TNSP :      RNG :      SUR : SAN JUAN CARRICITOS GRANT

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	30	30	0	0	30	SH,SD	
ZONE 2 (-0 TO -2000)	30	0	2030	- 2000	130	2000	SH,SD	
ZONE 3 (-2000 -4000)	2030	- 2000	4030	- 4000	240	2000	SH,SD	
ZONE 4 (-4000 -6000)	4030	- 4000	6030	- 6000	500	2000	SH,SD	
ZONE 5 (-6000 -8000)	6030	- 6000	8030	- 8000	280	2000	SH,SD	
ZONE 6 (-8000 -10000)	8030	- 8000	9500	- 9470	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : ZL - WILSON                      WELL ID NO. : 47A06                      ELEVATION : 515                      TOTAL DEPTH : 5196  
 OPERATOR : STANOLIND OIL AND GAS                      WELL : NO.1 J.E. WATKINS  
 LOCATION : 467 FSEL, 467 FSWL                      SEC:                      TNSP :                      RNG :                      SUR : JAMES BRADLEY A-38

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	535	- 20	2710	- 2195	850	2175	SD, SH	
AUSTIN GP	4815	- 4300	4974	- 4459	----	159	CHK, MRL	
EAGLE FORD GP	4974	- 4459	5024	- 4509	----	50	SH, SHY LS	
WASHITA GP	5024	- 4509	5189	- 4674	----	165	LS, SH	
EDWARDS FM	5189	- 4674	5196	- 4681	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZL - WILSON            WELL ID NO. : 47B01            ELEVATION : 407            TOTAL DEPTH : 7036  
 OPERATOR : STANOLIND OIL AND GAS    WELL : NO.1 JOE LASKOWSKI  
 LOCATION : 1900 FSEL, 700 FNEL    SEC:            TNSP :            RNG :            SUR : A. DUANE A-324

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	1605	- 1198	4380	- 3973	0	2775	SD, SH	
AUSTIN GP	6517	- 6110	6712	- 6305	----	195	CHK, MRL	
EAGLE FORD GP	6712	- 6305	6793	- 6386	----	81	SH, SHY LS	
WASHITA GP	6793	- 6386	6990	- 6583	----	197	LS, SH	
EDWARDS FM	6990	- 6583	7036	- 6629	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZL - WILSON      WELL ID NO. : 48A04      ELEVATION : 563      TOTAL DEPTH : 6198  
 OPERATOR : C.B. MORRISON      WELL : NO.1 HOBRECHT  
 LOCATION : 2700 FWL, 5300 FSL      SEC:      TNSP :      RNG :      SUR : CAMPBELL LONGLEY, 19, A197

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	563	1012	- 449	300+	1012	SD, SH	SUR
AUSTIN GP	2629	- 2066	2740	- 2177	----	111	CHK, MRL	
EAGLE FORD GP	2740	- 2177	2778	- 2215	----	38	SH, SHY LS	
WASHITA GP	2778	- 2215	2935	- 2372	----	157	LS, SH	
EDWARDS FM	2935	- 2372	3520	- 2957	----	585	LS, DOL	
GLEN ROSE FM	3520	- 2957	4640	- 4077	----	1120	LS, DOL	
PEARSALL FM	4640	- 4077	4970	- 4407	----	330	SH, LS	
SLIGO-HOSSTON FMS	4970	- 4407	6195	- 5632	----	1225	LS, SH, SD	
OUACHITA FACIES	6195	- 5632	6198	- 5635	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZL - WILSON      WELL ID NO. : 48A05      ELEVATION : 502      TOTAL DEPTH : 3961  
 OPERATOR : GOLDRUS DRLG. CO.      WELL : NO.1 LORA HEATON  
 LOCATION : 3000 FNWL, 9050 FNEL      SEC:      TNSP :      RNG :      SUR : MANUEL TARIN, 29, A-319

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUR-SEA	DEPTH	SUR-SEA				
CARRIZO-WILCOX GP	150	352	1715	- 1213	520+	1565	SD, SH	ABV
AUSTIN GP	3638	- 3136	3735	- 3233	----	97	CHK, MRL	
EAGLE FORD GP	3735	- 3233	3768	- 3266	----	33	SH, SHY LS	
WASHITA GP	3768	- 3266	3925	- 3423	----	157	LS, SH	
EDWARDS FM	3925	- 3423	3961	- 3459	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : ZL - WILSON      WELL ID NO. : 48B02      ELEVATION : 456      TOTAL DEPTH : 3485  
 OPERATOR : JERGENS OIL CO.      WELL : NO.1 A.C. OEFINGER  
 LOCATION : 3450 FNEL, 5300 FSL      SEC:      TNSP :      RNG :      SUR : JOSF DE LA GARZA

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	0		456	1210	- 754	350+	1210	SD, SH	SUR
AUSTIN GP	2875		- 2419	2990	- 2534	----	115	CHK, MRL	
EAGLE FORD GP	2990		- 2534	3021	- 2565	----	31	SH, SHY LS	
WASHITA GP	3021		- 2565	3184	- 2728	----	163	LS, SH	
EDWARDS FM	3184		- 2728	3485	- 3029	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZL - WILSON                      WELL ID NO. : 48BU3                      ELEVATION : 504                      TOTAL DEPTH : 7510  
 OPERATOR : SUNRAY OIL CORP.                      WELL : NO.1 R.C. DONAHO  
 LOCATION : 660 FNWL, 660 FSWL                      SEC:                      TNSP :                      RNG :                      SUR : JOSEPH REYNOLDS A-267

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		DEPTH	SUB-SEA	DEPTH	SUB-SFA				
CARRIZO-WILCOX SD	660	-	156	2800	-	2296	960+	2140	ABV
AUSTIN GP	4882	-	4378	5102	-	4598	----	220	CHK, MRL
EAGLE FORD GP	5102	-	4598	5137	-	4633	----	35	SH, SHY LS
WASHITA GP	5137	-	4633	5292	-	4788	----	155	LS, SH
EDWARDS FM	5292	-	4788	5795	-	5291	----	503	LS, DOL
GLEN ROSE FM	5795	-	5291	6970	-	6466	----	1175	LS, DOL
PEARSALL FM	6970	-	6466	7300	-	6796	----	330	SH, LS
SLIGO FM	7300	-	6796	7510	-	7006	----		LS, SH                      TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZL - WILSON      WELL ID NO. : 48B04      ELEVATION : 442      TOTAL DEPTH : 6675  
 OPERATOR : EXETER OIL CO.      WELL : NO.1 F.E. MEYER  
 LOCATION : 5350 FMNW, 6900 FSWL      SEC:      TNSP :      RNG :      SUR : MARIA JULIANA HERNANDEZ

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	1200	- 758	3940	- 3498	0	2740	SD, SH	
AUSTIN GP	6150	- 5708	6281	- 5839	----	131	CHK, MRL	
EAGLE FORD GP	6281	- 5839	6330	- 5888	----	49	SH, SHY LS	
WASHITA GP	6330	- 5888	6516	- 6074	----	186	LS, SH	
EDWARDS FM	6516	- 6074	6675	- 6233	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZL - WILSON                      WELL ID NO. : 48B05                      ELEVATION : 558                      TOTAL DEPTH : 5232  
 OPERATOR : REPUBLIC NATL GAS CO.                      WELL : NO.1 MUELLER  
 LOCATION : 1263 FSWL, 6500 FSSEL                      SEC:                      TNSP :                      RNG :                      SUR : MARIA ANTONIA A-266

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	0	558	2690	- 2132	0*	2690	SD, SH	ABV
AUSTIN GP	4750	- 4192	4894	- 4336	----	144	CHK, MRL	
EAGLE FORD GP	4894	- 4336	4938	- 4380	----	44	SH, SHY LS	
WASHITA GP	4938	- 4380	5120	- 4562	----	182	LS, SH	
EDWARDS FM	5120	- 4562	5231	- 4673	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZW - ZAPATA      WELL ID NO. : 87B20      ELEVATION : 472      TOTAL DEPTH : 6902  
 OPERATOR : BREUER AND CURRAN      WELL : NO.1 MARTIN  
 LOCATION : SH.7. EL JARAL PASTURE      SEC:      TNSP :      RNG :      SUR : J.V. BORREGO GRANT

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	472	472	0	0	472	SH,SD	
ZONE 2 (-0 TO -2000)	472	0	2472	- 2000	240	2000	SH,SD	
ZONE 3 (-2000 -4000)	2472	- 2000	4472	- 4000	630	2000	SH,SD	
ZONE 4 (-4000 -6000)	4472	- 4000	4615	- 4143	0	143	SH,SD	
CARRIZO-WILCOX SD	4615	- 4143	6902	- 6430	470		SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZW - ZAPATA            WELL ID NO. : 88A20            ELEVATION : 400            TOTAL DEPTH : 3271  
 OPERATOR : SLICK OIL CO.            WELL : NO.1 HAYNES  
 LOCATION : 4966 FNWL 18141 FSWL    SEC:            TNSP :            RNG :            SUR : VILLA GRANT

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
ZONE 1 ABOVE SEA LEV.	0	400	400	0	0	400	SH,SD	
ZONE 2 (-0 TO -2000)	400	0	2400	- 2000	180	2000	SH,SD	
ZONE 3 (-2000 -4000)	2400	- 2000	3271	- 2871	----	871	SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZX - ZAVALA      WELL ID NO. : 51801      ELEVATION : 787      TOTAL DEPTH : 4546  
 OPERATOR : JERGENS OIL CO.      WELL : NO.1 I.T. PRYOR  
 LOCATION : 3800 FNWL, 4000 FEL      SEC :      TNSP :      RNG :      SUR : ANTONIA AGUIRRE A-1

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	787	530	257	30+	530	SD, SH	
ESCONDIDO SD	655	132	1015	- 228	10	360	SH, SD	
SAN MIGUEL SD	1295	- 438	1535	- 748	45	310	SD, SH	
AUSTIN GP	1687	- 900	2142	- 1355	----	455	CHK, MRL	
EAGLE FORD GP	2142	- 1355	2370	- 1583	----	228	SH, SHY LS	
WASHITA GP	2370	- 1583	2700	- 1913	----	330	LS, SH	
EDWARDS-GLEN ROSE FMS	2700	- 1913	4546	- 3759	----		LS, DOL	TD

REMARKS  
 TOP OF EDWARDS IS AN EQUIVALENT POINT. (NO LOG COVERAGE BELOW 3510 FT)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZX - ZAVALA      WELL ID NO. : 51B02      ELEVATION : 800      TOTAL DEPTH : 3893  
 OPERATOR : MAGNOLIA PETR. CO.      WELL : NO.1 ROY CAPPS  
 LOCATION : 1320 FSL, 1320 FEL      SEC: 200      TNSP : A-2      RNG :      SUR : G.W.T. AND P. R.R.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	175	625	1175	- 375	400	1000	SD, SH	
ESCONDIDO SD	1385	- 585	1720	- 920	20	335	SD, SH	
OLMOS SD	2135	- 1335	2380	- 1580	15	245	SD, SH	
SAN MIGUEL SD	2545	- 1745	2725	- 1925	30	180	SD, SH	
AUSTIN GP	2933	- 2133	3318	- 2518	----	385	CHK, MRL	
EAGLE FORD GP	3318	- 2518	3475	- 2675	----	157	SH, SHY LS	
WASHITA GP	3475	- 2675	3755	- 2955	----	280	LS, SH	
EDWARDS FM	3755	- 2955	3893	- 3093	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZX - ZAVALA WELL ID NO. : 61A01 ELEVATION : 784 TOTAL DEPTH : 4358

OPERATOR : ADAMS AND LYLES WELL : NO.1 CHARLES MATHEWS

LOCATION : 800 FNL, 467 FEL SEC: TNSP : RNG : SUR : I. AND G.N., 4

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	784	490	294	80+	490	SD, SH	SUR
ESCONDIDO SD	880	- 96	1200	- 416	8	320	SH, SD	EST
OLMOS SD	1705	- 921	2000	- 1216	90	295	SD, SH	
AUSTIN GP	2494	- 1710	2831	- 2047	----	337	CHK, MRL	
EAGLE FORD GP	2831	- 2047	3127	- 2343	----	296	SH, SHY LS	
WASHITA GP	3127	- 2343	3671	- 2887	----	544	LS, SH	
EDWARDS FM	3671	- 2887	4358	- 3574	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : ZX - ZAVALA      WELL ID NO. : 61A02      ELEVATION : 690      TOTAL DEPTH : 8684  
 OPERATOR : HUMBLE OIL AND REF CO      WELL : NO.2 PRYOR  
 LOCATION : 6100 FSEL, 30000 FWL      SEC :      TNSP :      RNG :      SUR : PEDRO DE AGUIRRE

FORMATION	DEPTH TOP	SUB-SEA	DEPTH BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CAPTZO-WILCOX GP	455	235	1460	- 770	380	1005	SD, SH	EST
ESCONDIDO SD	1785	- 1095	2192	- 1502	28	407	SD, SH	
OLMOS SD	2445	- 1755	3110	- 2420	130	665	SD, SH	
SAN MIGUEL SD	3180	- 2490	3300	- 2610	10	120	SD, SH	
AUSTIN GP	4035	- 3345	4480	- 3790	----	445	CHK, MRL	
EAGLE FORD GP	4480	- 3790	4815	- 4125	----	335	SH, SHY LS	
WASHITA GP	4815	- 4125	5350	- 4660	----	535	LS, SH	
EDWARDS FM	5350	- 4660	5995	- 5305	----	645	LS, DOL	EQV
GLEN ROSE FM	6125	- 5435	7840	- 7150	----	1715	LS, DOL	
PEARSALL FM	7840	- 7150	8480	- 7790	----	640	SH, LS	
SLIGO FM	8480	- 7790	8684	- 7994	----		LS, SH	TD



TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZX - ZAVALA      WELL ID NO. : 61A03      ELEVATION : 718      TOTAL DEPTH : 5460  
 OPERATOR : UNION OIL OF CALIF.      WELL : NO.1 E.C. BARTLETT  
 LOCATION : 660 FNEL, 660 FSEL      SEC :      TNSP :      RNG :      SUR : A.B. AND M., 85, A-44

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
CARRIZO-WILCOX GP	600	118	1750	- 1032	520	1150	SD, SH	ABV
ESCONDIDO SD	2190	- 1472	2470	- 1752	115	280	SD, SH	
OLMOS SD	2660	- 1942	3200	- 2482	95	540	SD, SH	
SAN MIGUEL SD	3300	- 2582	3755	- 3037	25	455	SD, SH	
AUSTIN GP	4045	- 3327	4470	- 3752	-----	425	CHK, MRL	
EAGLE FORD GP	4470	- 3752	4750	- 4032	-----	280	SH, SHY LS	
WASHITA GP	4750	- 4032	5170	- 4452	-----	420	LS, SH	
EDWARDS	5170	- 4452	5460	- 4742	-----		LS, DOL	TD

- 332 -

REMARKS  
 TOP OF EDWARDS FM IS AN EQUIVALENT POINT.

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZX - ZAVALA      WELL ID NO. : 61A04      ELEVATION : 657      TOTAL DEPTH : 10400  
 OPERATOR : TEXAS CO.      WELL : NO.3 NE FARMING CO.  
 LOCATION :      SEC: 440      TNSP :      RNG :      SUR : PEDRO JOSE DE AGUIRRE A-2

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUR-SEA	DEPTH	SUR-SEA				
CARRIZO-WILCOX GP	770	- 113	1755	- 1098	250	985	SD, SH	
ESCONDIDO SD	1929	- 1272	2440	- 1783	40	511	SD, SH	
OLMOS - SAN MIGUEL SD	2642	- 1985	3500	- 2843	215	858	SD, SH	
AUSTIN GP	4789	- 4132	5400	- 4743	-----	611	CHK, MRL	
EAGLE FORD GP	5400	- 4743	5820	- 5163	-----	420	SH, SHY LS	
WASHITA GP	5420	- 5163	6603	- 5946	-----	783	LS, SH	
EDWARDS FM	6603	- 5946	7340	- 6683	-----	737	LS, DOL	EQV
GLEN ROSE FM	7340	- 6683	9380	- 8723	-----	2040	LS, DOL	EST
PEARSALL FM	9380	- 8723	10050	- 9393	-----	670	SH, LS	
SLIGO FM	10050	- 9393	10400	- 9743	-----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET  
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZX - ZAVALA                      WELL ID NO. : 62A02                      ELEVATION : 706                      TOTAL DEPTH : 5891  
 OPERATOR : JOCELYN-VARN OIL CO.                      WELL : NO. 1-C SCHOOLFIELD  
 LOCATION : 10667 FNL, 660 FWL                      SEC:                      TNSP :                      RNG :                      SUR : THOMAS CORTEZ, 95

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	820	- 114	2260	- 1554	650	1440	SD, SH	EST
ESCONDIDO SD	2635	- 1929	2990	- 2284	28	355	SD, SH	
OLMOS SD	3530	- 2824	3880	- 3174	18	350	SD, SH	
AUSTIN GP	4730	- 4024	5190	- 4484	----	460	CHK, MRL	
EAGLE FORD GP	5190	- 4484	5378	- 4672	----	188	SH, SHY LS	
WASHITA GP	5378	- 4672	5700	- 4994	----	322	LS, SH	
EDWARDS FM	5700	- 4994	5891	- 5185	----		LS, DOL	TD