

COUNTY	LEA	FIELD	Stateline	STATE	NM
OPR	STANDARD OIL CO. OF TEXAS				MAP
2 Continental-State					
Sec. 5, T-24-S, R-38-E				CO-ORD	
1980' FSL & 660' FEL of Sec.					
Spd 7-6-65		CLASS			
Cmp 11-6-65		E			
		FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING					
11 3/4"	444'	300			
8 5/8"	3420'	600			
5 1/2"	12230'	830			
LOGS EL GR RA IND HC A					
		TD 12230'			

TEMPORARILY ABANDONED

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CONT. McFarland	PROP DEPTH 12,500'	TYPE
DATE		

F.R. 7-8-65
 PD 12,500' - Ellenburger
 Contractor - McFarland
 7-12-65 Drlg. 3420'.
 7-19-65 Drlg. 6091'.
 7-26-65 Drlg. 7870' dolo & lm.
 8-2-65 Drlg. 9085'.
 8-9-65 Drlg. 9600' lm & ch.
 8-16-65 Drlg. 10232' lm & sd.
 8-23-65 Drlg. 11002' lm & ch.
 8-30-65 Drlg. 11695'.
 9-7-65 Drlg. 12087' lm & sh.
 9-13-65 TD 12210', prep to run logs.
 Ran Logs @ 12173'.
 9-20-65 TD 12230', WOC.

9-27-65 TD 12230', PBD 12220', prep to Re-Ac.
Perf 12120-165' W/1 SPF
Ac. 500 gals.
Re-Perf 12120-165' W/2 SPF.
10-4-65 TD 12230', PBD 12220', swbg.
Re-Ac. 500 gals. 12120-165'
Swbd 65 BLO/3½ hrs.
Att. to Re-Ac. w/1300 gals. 12120-165'
Swbd 26 BLO in 1 hr.
Re-Perf 12120-165' W/1 SPF
Re-Ac. 1300 gals. 12120-165'
Perf 12109-112', 12187-213' W/2 SPF
Ac. 500 gals. 12109-213'
Swbd 62 BLO in 1½ hrs.

10-11-65 TD 12230', PBD 12220', prep to test.
Perf @ 12111', 12137', 12146', 12160',
12188', 12198' W/1 SPI
Re-Ac. 500 gals. 12109-213'
Swbd 8 BLO in 1 hr.
Re-Ac. 1000 gals. 12109-213'
Swbd 69 BLO in 8 hrs.
Re-Ac. 5000 gals. 12109-213'
10-18-65 TD 12230', PBD 12220', swbg.
Swbd 93 BNO + 59 BAW/no time.
10-25-65 TD 12230', PBD 12220', SI.
Swbd 2 BO + 2 BAW/no time.
11-1-65 TD 12230', PBD 12220', SI.
Re-Ac. 430 gals. 12109-213'
Swbd 106 BLW, w/tr. oil in 12 hrs.
11-8-65 TD 12230', PBD 12220', SDO.
11-15-65 TD 12230', PBD 12220', SDO.

LEA Stateline NM Sec. 5-24S-38E
STANDARD OIL CO. OF TEXAS, 2 Continental-State Page 3

11-22-65 TD 12230', PBD 12220', SDO.

11-29-65 TD 12230', PBD 12220', TEMPORARILY

ABANDONED.

LOG TOPS: Tubb 6710', Wichita Albany 7262',
Mississippian 8406', Devonian 9326',
Montoya 11000', Simpson 11262', McKee
11608', Ellenburger 12104'.

SPERRY-SUN

COMPUTER CALCULATED DIRECTIONAL SURVEY REPORT

FOR

STANDARD OIL COMPANY OF TEXAS



TYPE OF SURVEY: MAGNETIC MULTISHOT

SURVEY DEPTH: FROM 3422 FT. TO 11723 FT.

LEASE: CONTINENTAL STATE WELL NO. 2

FIELD: STATELINE

COUNTY: DELAN LEA STATE NEW MEXICO

DATE OF SURVEY AUGUST 31, 1965 JOB NO. MS-3128

OFFICE: ODESSA, TEXAS

STANDARD OIL COMPANY OF TEXAS
CONTINENTAL STATE WELL NO. 2
STATELINE FIELD
LEA COUNTY, NEW MEXICO

3128

GRID												
TRUE				DRIFT ANGLE		DRIFT DIRECTION		RECTANGULAR COORDINATE				
COURSE	MEAS.	VERTICAL	LOSS IN	SUB SEA	RATE OF	RATE OF	DOG LEG	DISTANCE	COURSE	LATITUDE	DEPARTURE	VERTICAL
LENGTH	DEPTH	DEPTH	DEPTH	DEPTH	DEG MIN	CHG DEG MIN	DEG/100	FROM	DEG.			SECTION
STARTING CO-ORDINATE BY CUSTOMER												
3422	3421.16	.82	130.38	0 N-10--0W	0	0	0	65.32	0 E	65.32 N	0 E	
64	3486	.82	194.38	-0 15	0	0	0	65.60	.28	65.60 N	-.05 W	64.97
92	3578	.82	286.38	-0 45	.5	0	.6	66.37	1.20	66.37 N	-.09 E	65.75
94	3672	.83	380.37	-0 45	0	0	.0	67.55	1.23	67.55 N	-.43 E	66.97
92	3764	.84	472.36	-0 45	0	0	.1	68.73	1.20	68.73 N	-.68 E	68.17
94	3858	.85	566.35	-0 45	0	0	.2	69.92	1.23	69.91 N	1.00 E	69.38
94	3952	.86	660.34	-0 45	0	0	.2	71.10	1.23	71.09 N	1.30 E	70.60
93	4045	.86	753.34	-0 45	0	0	.0	72.31	1.22	72.29 N	1.51 E	71.82
93	4140	.87	848.33	-0 15	.5	0	.5	73.13	.41	73.11 N	1.65 E	72.64
92	4232	.87	940.33	-0 30	.3	0	.3	73.69	.80	73.67 N	1.85 E	73.23
92	4324	.87	1032.33	-0 15	.3	0	.3	74.21	.40	74.18 N	2.16 E	73.77
94	4418	.87	1126.33	-0 15	0	0	.0	74.53	.41	74.49 N	2.42 E	74.12
94	4512	.88	1220.32	-0 30	.3	0	.3	75.03	.82	74.98 N	2.80 E	74.66
94	4606	.88	1314.32	-0 15	.3	0	.3	75.45	.41	75.38 N	3.24 E	75.11
93	4699	.88	1407.32	-0 15	0	0	.1	75.69	.41	75.60 N	3.57 E	75.38
93	4792	.88	1500.32	-0 15	0	0	.1	76.04	.41	75.94 N	3.77 E	75.74
92	4884	.89	1592.31	-0 45	.5	0	.6	76.74	1.20	76.62 N	4.19 E	76.47
93	4977	.89	1685.31	-0 45	0	0	.3	77.62	1.22	77.45 N	5.05 E	77.41
95	5072	.90	1780.30	1 -0	.3	0	.3	78.64	1.66	78.40 N	6.14 E	78.50
93	5165	.92	1873.28	1 -0	0	0	0	79.91	1.62	79.58 N	7.24 E	79.83
93	5258	.93	1966.27	-0 30	.5	0	.7	80.67	.81	80.25 N	8.20 E	80.61
93	5351	.93	2059.27	-0 15	.3	0	.3	80.89	.41	80.41 N	8.78 E	80.86
94	5445	.93	2153.27	-0 30	.3	0	.4	80.96	.82	80.41 N	9.36 E	80.94
94	5539	.93	2247.27	-0 15	.3	0	.4	81.04	.41	80.43 N	9.94 E	81.03
94	5633	.94	2341.26	-0 45	.5	0	.5	81.59	1.23	80.90 N	10.60 E	81.59
94	5727	.95	2435.25	-0 45	0	0	.2	82.55	1.23	81.74 N	11.49 E	82.55
93	5820	.96	2528.24	1 -0	.3	0	.3	83.66	1.62	82.72 N	12.51 E	83.65
93	5913	.97	2621.23	-0 45	.3	0	.3	84.62	1.22	83.51 N	13.68 E	84.59
94	6007	.98	2715.22	-0 45	0	0	.2	85.19	1.23	83.88 N	14.84 E	85.13
94	6101	.98	2809.22	-0 30	.3	0	.4	85.67	.82	84.20 N	15.80 E	85.57
94	6195	.99	2903.21	-0 15	.3	0	.6	86.08	.41	84.57 N	16.01 E	85.97
93	6288	.99	2996.21	-0 30	.3	0	.4	86.61	.81	85.13 N	15.94 E	86.51
94	6382	.99	3090.21	-0 45	.3	0	.7	87.39	1.23	85.81 N	16.55 E	87.27

14802

STANDARD OIL COMPANY OF TEXAS
CONTINENTAL STATE WELL NO. 2
STATELINE FIELD
LEA COUNTY, NEW MEXICO

CONTINENTAL SHELL NO. 2														
STATE FIELD														
LEA COUNTY, NEW MEXICO														
TRUE														
DRIFT ANGLE														
DRIFT DIRECTION														
DISTANCE														
RECTANGULAR COORDINATE														
GRID														
COURSE														
MEAS.														
DEPTH														
LOSS IN														
SUB SEA														
DEPTH														
RATE OF														
CHANGE														
DEC MIN														
DOG LEG														
DEG/100														
SURFACE														
COURSE														
DEV.														
LATITUDE														
DEPARTURE														
VERTICAL														
SECTION														
92	6474	6473.00	1.00	3182.20	-0 15	.5	S-64--OE	56.5	.7	87.70	.40	85.98 N	17.27 E	87.54
92	6566	6564.99	1.01	3274.19	1 -0	.8	S-73--OE	9.8	.8	87.58	1.61	85.66 N	18.22 E	87.35
95	6661	6659.98	1.02	3369.18	1 15	.3	S-49--OE	25.3	.6	87.02	2.07	84.74 N	19.80 E	86.65
94	6755	6753.96	1.04	3463.16	-0 45	.5	S-46--OE	3.2	.5	86.24	1.23	83.64 N	21.01 E	85.73
94	6849	6847.95	1.05	3557.15	1 -0	.3	S-63--OE	18.1	.4	85.76	1.64	82.84 N	22.19 E	85.10
93	6942	6940.94	1.06	3650.14	-0 45	.3	S-25--OE	40.9	.7	85.13	1.22	81.92 N	23.17 E	84.32
94	7036	7034.93	1.07	3744.13	1 -0	.3	S-59--OE	36.2	.6	84.46	1.64	80.94 N	24.13 E	83.49
94	7130	7128.92	1.08	3838.12	-0 45	.3	S-65--OE	6.4	.3	84.18	1.23	80.26 N	25.39 E	82.98
94	7224	7222.90	1.10	3932.10	1 15	.5	S-34--OE	33.0	.8	83.47	2.05	79.13 N	26.52 E	82.04
93	7317	7315.88	1.12	4025.08	1 -0	.3	S-28--OE	6.5	.3	82.31	1.62	77.59 N	27.47 E	80.63
94	7411	7409.87	1.13	4119.07	1 -0	0	S-39--OE	11.7	.2	81.34	1.64	76.23 N	28.37 E	79.40
93	7504	7502.85	1.15	4212.05	1 15	.3	S-59--OE	21.5	.5	80.76	2.03	75.07 N	29.75 E	78.45
94	7598	7596.84	1.16	4306.04	-0 45	.5	S-72--OE	13.8	.6	80.64	1.23	74.36 N	31.22 E	77.94
94	7692	7690.82	1.18	4400.02	1 -0	.3	S-16--OE	59.6	.9	80.06	1.64	73.38 N	32.03 E	77.08
94	7786	7784.82	1.18	4494.02	-0 15	.8	N-86--OE	83.0	1.0	79.53	.41	72.60 N	32.46 E	76.37
93	7879	7877.82	1.18	4587.02	-0 -0	.3	N--0--OE	92.5	.3	79.62	0	72.62 N	32.66 E	76.41
94	7973	7971.82	1.18	4681.02	-0 -0	0	N--0--OE	0	0	79.62	0	72.62 N	32.66 E	76.41
92	8065	8063.82	1.18	4773.02	-0 15	.3	N-21--OE	22.8	.3	79.82	.40	72.81 N	32.73 E	76.61
92	8157	8155.81	1.19	4865.01	-0 30	.3	S-53--OE	115.2	.7	79.94	.80	72.75 N	33.12 E	76.61
94	8251	8249.81	1.19	4959.01	-0 45	.3	S-79--OE	27.7	.4	80.00	1.23	72.39 N	34.06 E	76.38
93	8344	8342.80	1.20	5052.00	1 -0	.3	N-33--OE	73.1	1.1	80.95	1.62	72.95 N	35.10 E	77.08
94	8438	8436.77	1.23	5145.97	1 45	.8	N-21--OE	12.8	.9	83.20	2.87	74.98 N	36.06 E	79.22
93	8531	8529.71	1.29	5238.91	2 15	.5	N-23--OE	2.2	.5	86.44	3.65	77.99 N	37.28 E	82.36
92	8623	8621.60	1.40	5330.80	3 15	1.1	N- 9--OE	15.2	1.3	90.75	5.22	82.22 N	38.39 E	86.72
93	8716	8714.44	1.56	5423.64	3 30	.3	N-11--OE	2.2	.3	96.04	5.68	87.61 N	39.35 E	92.19
94	8810	8808.28	1.72	5517.48	3 15	.3	N-22--OE	11.7	.7	101.50	5.33	92.90 N	40.89 E	97.63
95	8905	8903.10	1.90	5612.30	3 45	.5	N-22--OE	0	.5	107.30	6.21	98.28 N	43.07 E	103.26
92	8997	8994.90	2.10	5704.10	3 45	0	N-14--OE	8.7	.6	113.27	6.02	103.99 N	44.92 E	109.17
93	9090	9087.69	2.31	5796.89	4 -0	.3	N-13--OE	1.1	.3	119.47	6.49	110.10 N	46.39 E	115.42
94	9184	9181.46	2.54	5890.66	4 -0	0	N-12--OE	1.1	.1	125.93	6.56	116.50 N	47.80 E	121.96
93	9277	9274.22	2.78	5983.42	4 15	.3	N- 9--OE	3.2	.4	132.48	6.89	123.08 N	49.02 E	128.64
93	9370	9366.98	3.02	6076.18	4 -0	.3	N- 8--OE	1.1	.3	139.00	6.49	129.69 N	50.01 E	135.33
93	9463	9459.76	3.24	6168.96	3 45	.3	N-12--OE	4.3	.4	145.17	6.08	135.88 N	51.09 E	141.61

14803

STANDARD OIL COMPANY OF TEXAS
CONTINENTAL STATE WELL NO. 2

STATELINE FIELD
LEA COUNTY, NEW MEXICO

CONTINENTAL SHELL NO. 2										GRID	
STATELINE FIELD										---	
LEA COUNTY, NEW MEXICO										---	
TRUE										---	
COURSE MEAS.		VERTICAL		LOSS IN		SUB SEA		DRIFT ANGLE		DRIFT DIRECTION	
DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEG MIN	CHANGE	DEG MIN	CHANGE
LENGTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEG MIN	CHANGE	DEG MIN	CHANGE
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94	9557	9553.56	3.44	6262.76	3 45	0	N-15--0E	3.2			
94	9651	9647.36	3.64	6356.56	3 45	0	N-13--0E	2.1			
94	9745	9741.15	3.85	6450.35	4 -0	.3	N-10--0E	3.2			
93	9838	9833.91	4.09	6543.11	4 15	.3	N- 4--0E	6.5			
93	9931	9926.65	4.35	6635.85	4 15	0	N-10--0W	15.1			
93	10024	10019.38	4.62	6728.58	4 30	.3	N-17--0W	7.5			
92	10116	10111.09	4.91	6820.29	4 30	0	N-22--0W	5.4			
94	10210	10204.79	5.21	6913.99	4 45	.3	N-20--0W	2.1			
93	10303	10297.45	5.55	7006.65	5 -0	.3	N-21--0W	1.1			
94	10397	10391.08	5.92	7100.28	5 15	.3	N-24--0W	3.2			
93	10490	10483.70	6.30	7192.90	5 -0	.3	N-26--0W	2.2			
93	10583	10576.33	6.67	7285.53	5 15	.3	N-22--0W	4.3			
92	10675	10667.95	7.05	7377.15	5 15	0	N-17--0W	5.4			
94	10769	10761.57	7.43	7470.77	5 -0	.3	N-11--0W	6.4			
94	10863	10855.17	7.83	7564.37	5 30	.5	N- 3--0W	8.5			
93	10956	10947.77	8.23	7656.97	5 15	.3	N-14--0E	18.3			
94	11050	11041.35	8.65	7750.55	5 30	.3	N-19--0E	5.3			
95	11145	11135.95	9.05	7845.15	5 -0	.5	N-23--0E	4.2			
94	11239	11229.58	9.42	7938.78	5 15	.3	N-20--0E	3.2			
93	11332	11322.19	9.81	8031.39	5 15	0	N-20--0E	0			
93	11425	11414.78	10.22	8123.98	5 30	.3	N-12--0E	8.6			
94	11519	11508.30	10.70	8217.50	6 -0	.5	N-11--0E	1.1			
92	11611	11599.60	11.40	8308.80	8 -0	2.2	N- 4--0W	16.3			
91	11702	11689.69	12.31	8398.89	8 15	.3	N- 8--0W	4.4			
21	11723	11710.47	12.53	8419.67	8 15	0	N- 9--0W	4.8			

NOTE: SUB Sea Depths AS Shown
ARE 10' HIGH YEACHAL
BECAUSE OF error in
13 ELEVATION ON DATA SHEET

HORIZONTAL DISPLACEMENT = 331.65 FEET AT
NORTH 7 DEG. 53 MIN. EAST (GRID)

KELLY BUSHING TO MEAN LOW TIDE = ~~3290.80~~ FEET
3280.80

160-
9-20-65

