

COMPANY
LEE DRILLING COMPANY

FIELD
VACUUM - ABO

WELL
STATE BP Well No. 2

SHEET NO. 1 OF 2

JOB NO. SUR-3501

COUNTY
GRANT

LEA, NEW MEXICO

SURVEY TABULATION SHEET

IN RUN

DATE 1-8-63

CORRECTED TIME	MEASURED DEPTH		VERTICAL DEPTH		DIRECTION OF INCLINATION		ANGLE OF INCLINATION	100' COURSE DISPLACEMENT				MEASURED COURSE DISPLACEMENT				TOTAL DISPLACEMENT			
	COURSE	TOTAL	COURSE	TOTAL	OBSERVED	CORR		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST
23-50	117	117	114.00	114.00	S 15 W	15	1/4												
24-21	94	213	94.00	213.00	S 13 W	13	1/4												
41-08	73	306	93.00	306.00	S 35 E	35	1/4												
42-47	24	400	94.00	400.00	S 46 E	46	1/4												
44-34	75	475	95.00	475.00	S 51 E	51	1/2												
46-06	94	589	94.00	589.00	S 62 E	62	1/2												
47-45	91	680	91.00	680.00	S 64 E	64	1/4												
49-14	94	774	94.00	774.00	S 51 E	51	1/4												
50-38	95	869	95.00	869.00	S 58 E	58	1/4												
57-06	94	963	94.00	963.00	S 54 E	54	1/4												
2-58-32	72	1056	92.00	1056.00	S 45 E	45	1/4												
3-00-00	94	1150	94.00	1150.00	S 37 E	37	1/2												
01-28	94	1244	94.00	1244.00	S 36 E	36	1/2												
02-41	93	1337	93.00	1337.00	S 30 E	30	1/4												
03-56	75	1432	95.00	1432.00	S 70 E	70	1/2												
06-02	93	1526	94.00	1526.00	S 59 E	59	1/4												
07-40	72	1619	92.00	1619.00	S 41 E	41	3/4												
01-05	95	1714	94.40	1713.60	S 54 E	54	3/4												
15-20	73	1807	92.10	1806.90	S 66 E	66	1/2												
16-35	94	1901	93.90	1900.90	S 58 E	58	3/2												
18-02	93	1994	92.48	1993.94	S 50 E	50	1/4												
19-40	71	2088	92.40	2087.12	S 49 E	49	1/4												
20-55	93	2181	92.18	2180.90	S 56 E	56	1/4												
22-24	74	2275	93.40	2274.80	S 56 E	56	1/2												
23-50	94	2369	93.10	2368.80	S 46 E	46	1/2												
25-22	90	2463	93.10	2462.80	S 40 E	40	3/4												
26-44	90	2557	93.10	2556.80	S 46 E	46	1/2												
28-35	92	2651	93.10	2650.80	S 41 E	41	1/2												
30-17	74	2745	92.10	2744.80	S 45 E	45	1/4												
37-07	94	2839	93.10	2838.80	S 44 E	44	1/4												
38-22	92	2933	91.90	2932.80	S 35 E	35	3/4												
31-35	94	3027	93.40	3026.80	S 36 E	36	1/2												
41-53	74	3121	93.30	3119.70	S 30 E	30	1/2												
34-33	92	3215	91.90	3214.70	S 21 E	21	1/2												

Checked by [Signature] Date [Date]

Calculated by [Signature] Date [Date]

Checked by [Signature] Date [Date]

SHEET NO. 2 OF 2

JOB NO. SUR-3501

DATE 1-8-63

COUNTY OR PARISH LEA, NEW MEXICO

[illegible]

COMPANY LEE DRILLING COMPANY

SHEET NO. 1 OF 2

FIELD VACUUM-ABO

SURVEY TABULATION SHEET

WELL STATE RP. Well No. 2

OUT RUN

COUNTY OR-PARSON LEA, NEW MEXICO

JOB NO. M533500

DATE 1-8-63

CORRECTED TIME	MEASURED DEPTH		VERTICAL DEPTH		DIRECTION OF INCLINATION			ANGLE OF INCLINATION	100' COURSE DISPLACEMENT				MEASURED COURSE DISPLACEMENT				TOTAL DISPLACEMENT			
	COURSE	TOTAL	COURSE	TOTAL	OBSERVED	COMP.	CORRECTED		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST
		3399		3391.14	T. 84.11	5.11	SUR- 3501													
21.40	68	3466	67.98	3465.72	N 15 W	11.5	17.4	1.48									18.18			24.38
19.40	94	3561	93.97	3551.67	N 17 W		17.2	2.45									22.11			24.02
18.00	94	3654	93.97	3655.66	N 15 W		17.2	2.45									24.56			23.85
16.00	94	3748	93.96	3747.62	N 21 W		13.4	3.89									27.31			23.35
14.00	94	3842	93.94	3841.56	N 20 W		3	3.24									30.63			22.84
12.00	94	3936	93.96	3935.52	N 20 W		13.4	2.83									33.46			22.39
10.00	74	4031	93.94	4029.46	N 22 W		3	3.22									36.68			21.76
08.40	74	4124	93.94	4123.40	N 20 W		3	3.24									39.92			21.25
06.40	94	4217	93.93	4217.33	N 16 W		27.4	3.68									43.60			20.93
02.40	94	4312	93.93	4311.26	N 18 W		27.4	3.66									47.26			20.48
20.00	93	4405	92.93	4404.19	N 18 W		27.4	3.62									50.88			19.97
57.20	14	4499	93.91	4498.16	N 19 W		27.4	4.06									54.94			19.40
55.20	94	4593	93.91	4592.61	N 17 W		27.4	4.08									59.02			18.97
53.20	94	4688	93.89	4687.90	N 17 W		27.4	4.48									63.50			18.50
51.20	95	4782	94.89	4780.79	N 16 W		27.4	4.54									68.04			18.10
49.20	94	4877	93.89	4874.68	N 16 W		27.4	4.97									72.53			17.71
47.20	93	4970	92.89	4967.57	N 21 W		27.4	4.39									76.92			16.94
44.20	94	5064	93.82	5061.44	N 19 W		27.4	4.82									81.79			16.26
42.20	95	5159	94.87	5156.31	N 20 W		27.4	4.91									86.70			15.48
40.20	94	5253	93.82	5250.18	N 12 W		27.4	4.82									91.57			14.80
38.20	93	5347	92.85	5343.03	N 12 W		27.4	5.21									96.78			13.97
36.20	94	5441	93.82	5436.85	N 18 W		27.4	5.20									102.48			13.27
34.00	73	5534	92.83	5529.68	N 80 W		27.4	5.61									108.09			12.35
32.00	94	5628	93.80	5623.48	N 12 W		27.4	6.09									114.18			11.52
29.10	93	5721	92.80	5716.28	N 18 W		27.4	6.04									120.22			10.78
27.20	94	5815	93.72	5810.05	N 18 W		27.4	6.51									126.73			9.98
25.00	94	5909	93.74	5903.71	N 17 W		27.4	6.93									133.66			9.25
21.20	94	6004	93.74	5997.55	N 12 W		27.4	7.35									140.59			8.52
19.00	94	6098	93.71	6091.24	N 16 W		27.4	7.35									147.94			7.83
17.00	94	6192	93.71	6184.95	N 18 W		27.4	7.32									155.26			6.98
14.40	94	6286	93.71	6278.66	N 16 W		27.4	7.35									162.61			6.34
12.20	94	6380	93.71	6372.37	N 16 W		27.4	7.35									169.96			5.70
1.10.00	94	6474	93.74	6466.11	N 13 W		27.4	6.96									176.72			5.46

Calculated by W.S. 11/11/62

Checked by W.S. 11/11/62

Checked by W.S. 11/11/62

Checked by W.S. 11/11/62

Checked by W.S. 11/11/62

Checked by W.S. 11/11/62

Checked by W.S. 11/11/62

Checked by W.S. 11/11/62

Checked by W.S. 11/11/62

Checked by W.S. 11/11/62

Checked by W.S. 11/11/62

Checked by W.S. 11/11/62

COMPANY LEE DRILLING COMPANY
FIELD VACUUM-ABO
WELL STATE BP Well No 2

SPEERRY-SUN
SURVEY TABULATION SHEET

SHEET NO. 2 OF 2
JOB NO. MS-3500
DATE 1-8-63

COUNTY PARSON LEA, NEW MEXICO

CORRECTED TIME	MEASURED DEPTH		VERTICAL DEPTH		DIRECTION OF INCLINATION			ANGLE OF INCLINATION	100' COURSE DISPLACEMENT				MEASURED COURSE DISPLACEMENT				TOTAL DISPLACEMENT			
	COURSE	TOTAL	COURSE	TOTAL	OBSERVED	COMP	CORRECTED		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST
08.00	94	6568	93.74	6551.85	N 15	W 11E	N 04 W	4 1/4					6.95			.49	183.87		4.37	
05.40	95	6663	94.74	6654.57	N 14	W	N 03 W	4 1/4					7.03			.37	190.90		4.60	
03.20	93	6756	93.71	6747.30	N 14	W	N 03 W	4 1/4					7.28			.31	198.18		4.03	
1-01.00	94	6850	93.71	6841.01	N 14	W	N 03 W	4 1/4					7.36			.39	205.54		3.70	
56.20	95	6944	94.71	6935.72	N 11	W	N 03 W	4 1/4					7.45				212.71		3.70	
54.00	94	7038	93.71	7029.42	N 11	W	N 03 W	4 1/4					7.38				220.37		3.70	
51.40	95	7133	94.67	7124.10	N 09	W	N 02 E	4 1/4					7.86			.87	228.23		3.97	
49.20	98	7225	91.65	7215.75	N 08	W	N 02 E	5					8.01			.26	236.24		4.25	
47.00	94	7319	93.64	7309.37	N 06	W	N 02 E	5					8.16			.71	244.40		4.96	
44.40	94	7414	92.64	7402.03	N 02	W	N 02 E	5					8.09			1.28	252.41		6.24	
42.20	94	7508	93.61	7496.64	N 05	W	N 06 E	5 1/4					8.55			.90	261.04		7.14	
40.00	94	7602	93.61	7590.25	N 04	W	N 07 E	5 1/4					8.54			1.05	269.58		8.19	
38.00	94	7696	93.64	7683.89	N 04	W	N 05 E	5					8.16			.71	277.74		8.90	
35.40	75	7791	94.67	7778.56	N 07	W	N 04 E	9 3/4					7.85			.55	285.51		9.45	
33.00	95	7886	94.71	7873.27	N 07	W	N 04 E	9 1/2					7.43			.52	293.02		9.97	
30.40	95	7981	94.71	7967.98	N 03	W	N 06 E	9 1/2					7.38			1.04	300.40		11.01	
28.20	93	8074	93.71	8060.69	N 04	W	N 07 E	9 1/4					7.24			.89	307.64		11.90	
26.00	93	8167	93.63	8153.37	N 04	W	N 07 E	9 3/4					7.70			.27	315.34		12.17	
23.00	94	8261	93.61	8246.98	N 11	W	N 07 E	5 1/4					8.60				323.94		12.17	
12.19.40	33	8394	33.86	8273.84	N 15	W 11E	N 04 W	5 1/4					3.01			.31	326.95		11.96	

HORIZONTAL DISPLACEMENT = 327.17 FT. AT NORTH 02° 0' EAST

W.C. HARRIS
C.H. HARRIS
C.H. HARRIS
R.H. HARRIS
R.H. HARRIS
R.H. HARRIS
CALCULATED BY C. HARRIS
CHECKED BY D. HARRIS

SHEET NO. 1 OF 1

JOB NO. MS-3511

DATE 1-16-63

COUNTY OR PARISH LEA, New Mexico

CONNECTED TIME	MEASURED DEPTH	VERTICAL DEPTH	DIRECTION OF INCLINATION			ANGLE OF INCLINATION	100' COURSE DISPLACEMENT				MEASURED COURSE DISPLACEMENT				TOTAL DISPLACEMENT				
			COURSE	TOTAL	OBSERVED		CORR	CORRECTED	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST
2-07-00	19	8294	18.92	8298.76	N 12 W	11E	TAKEN FROM N14-3500												
10-00	95	8408	94.64	8393.40	N 01 W	N 01 E	5												
11-30	94	8502	93.68	8487.08	N 10 W	N 01 E	4 3/4												
13-00	93	8595	92.62	8579.73	N 07 W	N 04 E	5												
14-00	95	8690	91.60	8674.33	N 08 W	N 03 E	5 1/4												
15-20	94	8784	90.61	8767.94	N 08 W	N 03 E	5 1/4												
16-40	94	8878	89.64	8861.58	N 07 W	N 04 E	5												
20-40	94	8972	88.71	8955.29	N 08 W	N 03 E	4 1/2												
2-23-20	28	9000	27.91	8983.20	N 08 W	N 03 E	4 1/2												
HORIZONTAL DISPLACEMENT = 388.12 FT. AT NORTH 02° 11' EAST																			

OK

CALCULATED BY D. V. S. / 6 CHECKED BY