

COMPANY HUMBLE OIL & REF. CO.

SPEERY-SUN

SHEET NO. 1 OF 2

FIELD LAQUON - A80

SURVEY TABULATION SHEET

JOB NO. 502-3446

WELL STWTC B.P. N° 1

1/4 RUN

DATE 10-17-1962

COUNTY OR PARISH LEA COUNTY, ALA.

CORRECTED TIME	MEASURED DEPTH		VERTICAL DEPTH		DIRECTION OF INCLINATION		ANGLE OF INCLIN ATION	100' COURSE DISPLACEMENT				MEASURED COURSE DISPLACEMENT				TOTAL DISPLACEMENT			
	COURSE	TOTAL	COURSE	TOTAL				NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST
12-42-30	118	118	118.00	118.00			0												
44-10	92	210	92.00	210.00			0												
45-52	91	301	91.00	301.00	S 22 W	39°E	0												
47-32	90	391	90.00	391.00			0												
50-40	92	483	92.00	483.00			0												
52-10	91	574	91.00	574.00			0												
54-00	91	665	91.00	665.00			0												
12-55-28	91	756	91.00	756.00	S 35 E	40°E	0												
1-01-20	90	846	90.00	846.00	S 52 E	41°E	0												
02-35	90	936	90.00	936.00	S 66 E	50°E	0												
04-00	93	1029	93.00	1029.00	S 61 E		0												
05-00	91	1123	91.00	1123.00	S 70 E		0												
06-20	93	1213	93.00	1213.00	S 80 E		0												
07-36	90	1303	90.00	1303.00	S 95 E		0												
08-47	90	1393	90.00	1393.00	S 94 E		0												
09-55	90	1483	90.00	1483.00	S 91 E		0												
11-10	93	1576	93.00	1576.00	S 45 E		0												
13-00	94	1665	94.00	1665.00	S 56 E		0												
14-05	93	1758	93.00	1758.00	S 49 E		0												
15-55	92	1850	92.00	1850.00	S 75 E		0												
17-00	90	1940	90.00	1940.00	S 61 E		0												
18-05	90	2030	90.00	2030.00	S 46 E		0												
19-15	94	2124	94.00	2124.00	S 77 E		0												
20-01	92	2216	92.00	2216.00	S 47 E		0												
21-00	94	2310	94.00	2310.00	S 48 E		0												
22-05	90	2401	90.00	2401.00	S 49 E		0												
23-15	94	2493	94.00	2493.00	S 42 E		0												
24-01	94	2586	94.00	2586.00	S 41 E		0												
25-00	94	2678	94.00	2678.00	S 40 E		0												
26-12	91	2767	91.00	2767.00	S 40 E		0												
27-15	92	2858	92.00	2858.00	S 41 E		0												
28-42	94	2949	94.00	2949.00	S 43 E		0												
29-45	91	3041	91.00	3041.00	S 39 E		0												
30-15	94	3135	94.00	3135.00	S 39 E		0												
31-05	91	3225	91.00	3225.00	S 39 E		0												
32-32	92	3310	92.00	3310.00	S 39 E		0												
33-45	91	3393	91.00	3393.00	S 39 E		0												
1-41-02	94	3478	94.00	3478.00	S 39 E		0												

SHEET NO. 2 OF 2

JOB NO. *50E-3446*

DATE 10-17-1962

COUNTY OR PARISH LEA COUNTY, N.M.

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	CORRECTED		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST					
1-42-19	94	3224	93.98	3228.56	N	36	E	70E	N	43	E	1 1/4					1.50		1.40		21.36		33.65		
43-59	93	3322	92.99	3321.55	N	28	E		N	35	E	1					1.33		.93		22.69		34.58		
46-41	93	3415	92.99	3414.54	N	19	E		N	26	E	1					1.46		.71		24.15		35.24		
1-49-57	20	3435	20.00	3434.54	N	19	E	70E	N	26	E	1					.31		.15		24.46		35.44		

COMPANY HUMBLE OIL & REG.

SPERRY-SUN

SHEET NO. 1 OF 2

FIELD VACUUM AEO

SURVEY TABULATION SHEET

JOB NO. MS-3446

WELL STATE BP NO. 1

IN RUN

DATE 10-17-62

COUNTY OR PARISH LEA, N.M.

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	CORN	CORRECTED		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST
1-33-40	63	3435	62.44	3434.54	07	E	18	1/4	1.05				24.46		1.34		25.51		35.44	
36-20	62	3560	61.94	3557.52	04	E	15	1/4	1.31				26.82		1.35		28.82		36.13	
38-00	94	3654	63.16	3653.50	02	E	13	1/4	2.00				30.45		1.46		32.04		36.51	
39-40	94	3748	63.19	3747.49	05	W	06		1.63				33.04		1.17		33.57		36.76	
41-20	92	3840	61.14	3834.48	20	W	09		1.57				33.57		1.25		35.13		36.51	
50-00	92	3932	61.94	3931.47	29	W	18		1.52				33.57		1.50		35.13		36.51	
51-40	90	4022	61.18	4021.46	33	W	22		1.46				35.13		1.57		36.14		36.51	
53-00	90	4112	61.18	4111.44	27	W	16		1.81				36.14		1.54		36.14		34.84	
54-40	92	4204	61.18	4203.42	37	W	26		1.80				38.72		1.82		38.72		34.60	
58-20	92	4296	61.17	4295.39	38	W	27		1.15				40.87		1.07		40.87		32.11	
1-57-40	84	4385	61.17	4384.36	37	W	26		1.12				42.16		1.02		42.16		31.81	
2-00-40	94	4479	63.17	4478.33	34	W	23		2.27				45.22		1.46		45.22		30.15	
02-20	91	4570	60.17	4567.30	38	W	27		2.12				47.78		1.08		47.78		27.25	
03-40	91	4661	60.18	4660.26	40	W	21		2.43				49.78		1.35		49.78		24.50	
05-00	93	4754	62.46	4753.22	40	W	21		2.18				51.26		1.38		51.26		27.12	
06-20	92	4846	61.16	4845.18	39	W	26		2.48				54.74		1.32		54.74		25.80	
07-40	92	4938	61.16	4937.14	35	W	24		2.57				57.31		1.14		57.31		24.60	
07-00	90	5028	61.16	5027.11	32	W	31		2.10				51.51		1.84		51.51		23.82	
10-20	90	5118	61.16	5117.08	31	W	20		2.67				61.72		1.81		61.72		22.11	
11-40	92	5210	61.16	5209.04	28	W	17		2.67				64.41		1.82		64.41		22.11	
15-20	93	5303	62.44	5301.98	33	W	22		3.01				67.42		1.22		67.42		20.17	
17-00	93	5396	62.44	5394.92	39	W	28		2.87				76.27		1.52		76.27		19.45	
18-20	93	5489	62.44	5487.86	39	W	28		2.87				78.16		1.52		78.16		17.13	
20-00	94	5583	63.44	5581.80	35	W	24		3.00				76.16		1.35		76.16		16.60	
21-20	94	5677	63.44	5675.74	31	W	20		3.05				77.24		1.12		77.24		15.48	
23-00	93	5770	62.44	5768.67	33	W	22		3.31				82.63		1.37		82.63		14.11	
24-20	93	5863	62.44	5861.60	33	W	22		3.31				86.02		1.37		86.02		12.74	
26-00	91	5954	60.18	5952.53	29	W	18		3.40				81.42		1.10		81.42		11.64	
27-20	93	6047	62.41	6045.44	18	W	07		4.03				93.45		1.49		93.45		11.15	
29-00	93	6140	62.43	6138.37	15	W	04		3.64				97.03		1.25		97.03		10.40	
30-20	91	6231	60.15	6229.32	12	W	01		3.18				100.27		1.06		100.27		10.84	
37-40	92	6323	61.16	6321.28	07	W	02		2.81				103.08		1.10		103.08		10.34	
38-20	90	6413	61.16	6411.24	06	W	01		2.74				105.82		1.24		105.82		11.18	
2-40-40	94	6507	63.44	6505.18	05	W	06		3.26				109.04		1.34		109.04		11.52	

COMPANY HUMBLE OIL & REFIN.
FIELD VACUUM AEO
WELL STATE T&P No. 1

COUNTY OR PARISH LEA, N.M.

SPERRY-SUN
SURVEY TABULATION SHEET

SHEET NO. 2 OF 2
MS-3448
JOB NO 55-S-3450
DATE 10-17-62

IN RUN

CORRECTED TIME	MEASURED DEPTH	VERTICAL DEPTH	DIRECTION OF INCLINATION			ANGLE OF INCLINATION	100' COURSE DISPLACEMENT				MEASURED COURSE DISPLACEMENT				TOTAL DISPLACEMENT			
							NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST
242-20	91	6578	90.95	6576.13	N 05 W	11E					3.16		.33		112.24		11.85	
44-00	94	6692	93.91	6690.04	N 05 W						4.08		.43		116.32		12.28	
45-20	92	6784	91.91	6781.15	N 05 W						3.34		.77		120.26		13.05	
47-00	91	6875	90.90	6872.85	N 03 E						4.24		1.06		124.50		14.11	
48-40	93	6968	92.80	6965.45	N 03 E						5.35		1.68		130.35		15.77	
50-00	89	7057	88.76	7054.41	N 04 E						6.37		1.71		136.72		17.50	
52-56-00	93	7150	92.68	7147.09	N 05 E						7.40		2.12		144.12		19.62	
54-1-20	19	7169	18.94	7166.93	N 05 E						1.47		.41		145.55		20.03	
55-00-00	11	7180	10.96	7176.94	N 09 E						.86		.31		146.41		20.84	
55-00-00	163	7343	162.61	7331.66	N 07 E						10.81		3.52		157.22		23.86	
55-00-00	120	7463	119.68	7451.38	N 04 E						8.35		3.04		165.57		26.10	
55-00-00	259	7722	258.12	7717.40	N 04 E						20.72		5.54		186.29		32.44	

189.11
ELEV AT HIGH - 109' 52" EAST