

TOTALS					
WE	THEY	WE	THEY	WE	THEY
H.D 334.22 @ N 16° 45' W					
M.D 87.69' =					
N 320.04 }					
W 96.30 }					

COMPANY ROMAN DRILLING CO., INC.

SPERRY-SUN

SHEET NO. 1 OF 2

FIELD VACUUM-ABO

SURVEY TABULATION SHEET

JOB NO. MS-3430
353-3432

WELL STATE AN N° 6

CUT RUN

DATE 9-17-1962

COUNTY OR PARISH LEAS COUNTY, N.M.

CONNECTED 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
4-50.20	32	3321		3321.00	ASSUMED	VERTICAL	70	3321 FEET												
44.00	94	3353	31.99	3352.99	N 10° 11' E	N 01° 01' E	1° 12		2.05				2.05				2.89		.02	
45.00	93	3447	93.78	3446.97	N 18° 18' W	N 01° 01' W	1° 14		2.03				2.03				4.92			.02
46.00	94	3540	92.98	3539.93	N 08° 17' W	N 03° 03' E	1° 14													
38.00	94	3634	93.91	3633.92	N 17° 17' W	N 06° 06' W	1° 12		2.45				2.45				7.37			1.17
36.00	92	3728	93.96	3727.88	N 20° 18' W	N 09° 09' W	1° 34		3.83				3.83				10.20			1.62
34.00	93	3820	91.94	3819.82	N 38° 38' W	N 22° 22' W	2		2.98				2.98				13.18			1.82
32.20	94	4007	93.93	4006.68	N 37° 37' W	N 26° 26' W	2° 14		3.32				3.32				16.46			3.42
30.20	94	4101	93.93	4100.61	N 41° 41' W	N 30° 30' W	2° 44		3.20				3.20				19.78			5.04
28.20	94	4195	93.93	4194.54	N 38° 38' W	N 27° 27' W	2° 44		3.29				3.29				22.98			6.88
26.20	93	4288	92.89	4287.43	N 38° 38' W	N 30° 30' W	2° 44		3.86				3.86				26.27			8.56
24.20	94	4382	93.91	4381.34	N 42° 42' W	N 33° 33' W	2° 12		3.44				3.44				30.13			10.79
22.20	93	4475	92.91	4474.25	N 42° 42' W	N 31° 31' W	2° 12		3.48				3.48				33.57			13.02
20.20	93	4568	92.92	4567.18	N 42° 42' W	N 31° 31' W	2° 14		3.13				3.13				37.05			15.11
18.20	93	4661	92.93	4660.11	N 49° 49' W	N 38° 38' W	3° 14		2.88				2.88				40.18			16.99
16.20	94	4755	93.93	4754.04	N 49° 49' W	N 33° 33' W	2° 14		3.09				3.09				43.06			19.24
14.00	94	4849	93.93	4847.97	N 49° 49' W	N 33° 33' W	2° 14		3.09				3.09				46.15			21.25
12.00	93	4942	92.93	4940.90	N 42° 42' W	N 31° 31' W	2° 14		3.13				3.13				49.24			23.26
10.00	93	5035	92.91	5033.81	N 37° 37' W	N 36° 36' W	2° 42		3.65				3.65				52.37			25.14
08.00	94	5129	93.93	5127.74	N 44° 44' W	N 34° 34' W	2° 14		3.23				3.23				56.02			26.92
06.00	93	5222	92.93	5220.67	N 44° 44' W	N 31° 31' W	2° 14		3.13				3.13				59.25			28.71
04.00	94	5316	93.89	5314.56	N 39° 39' W	N 38° 38' W	2° 34		3.98				3.98				62.38			30.59
02.00	92	5408	91.89	5406.45	N 42° 42' W	N 31° 31' W	2° 34		3.78				3.78				66.36			32.71
00.00	93	5501	92.85	5499.30	N 40° 40' W	N 39° 39' W	3° 14		4.61				4.61				70.14			34.98
54.00	92	5593	91.85	5591.15	N 39° 39' W	N 38° 38' W	3° 14		4.96				4.96				74.95			37.54
52.00	94	5687	93.82	5684.97	N 38° 38' W	N 37° 37' W	3° 12		5.32				5.32				79.71			39.15
50.00	94	5781	93.82	5778.79	N 32° 32' W	N 31° 31' W	3° 12		5.36				5.36				85.03			41.80
48.00	92	5874	91.83	5870.42	N 34° 34' W	N 28° 28' W	3° 12		5.17				5.17				90.39			43.36
46.00	93	5967	92.83	5963.45	N 37° 37' W	N 26° 26' W	3° 12		5.10				5.10				95.56			45.55
44.00	92	6060	92.83	6056.28	N 34° 34' W	N 23° 23' W	3° 12		5.23				5.23				100.66			48.04
42.00	94	6152	91.85	6148.13	N 32° 32' W	N 21° 21' W	3° 12		4.87				4.87				105.89			50.26
40.00	94	6246	92.82	6241.95	N 29° 29' W	N 18° 18' W	3° 12		5.46				5.46				110.76			52.13
38.00	92	6338	91.85	6333.80	N 30° 30' W	N 19° 19' W	3° 14		4.93				4.93				121.15			53.69

COMPANY ROUAN DRILLING CO., INC.

FIELD VACUUM - H80

WELL STATE AN N² 6

COUNTY OR PARISH LEA COUNTY, N.M.

SPERRY-SUN

SURVEY TABULATION SHEET

CUT RUN

SHEET NO. 2 OF 2

MS - 3430
SS - 3432
JOB NO. 23-3-3434

DATE 9-17-62

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
30.20	93	6431	92.83	6426.63	N 34 W	11°	33	31/2					5.23				2.22	126.38		57.82
37.40	92	6523	91.85	6518.48	N 32 W		21	31/4					4.87				1.87	131.25		59.64
25.00	94	6617	93.82	6612.30	N 24 W		23	31/2					5.28				2.24	136.53		61.93
22.40	93	6710	92.85	6705.15	N 38 W		17	31/4					5.04				1.54	141.57		63.47
20.00	93	6803	92.85	6798.00	N 26 W		15	31/4					5.09				1.36	146.66		64.93
17.40	92	6895	91.85	6889.85	N 25 W		14	31/4					5.06				1.26	151.72		66.09
15.00	94	6989	93.82	6983.70	N 19 W		08	31/4					5.28				.74	157.00		68.39
12.20	93	7082	92.82	7076.53	N 20 W		16	31/2					5.46				1.56	162.46		70.57
10.00	93	7175	92.80	7169.33	N 32 W		21	33/4					5.68				2.18	168.14		72.94
07.20	92	7267	91.75	7261.08	N 21 W		10	41/4					6.71				1.18	174.85		74.95
03.00	92	7359	91.72	7352.80	N 25 W		14	41/2					7.00				1.75	181.85		76.50
1.00.20	93	7452	92.71	7445.51	N 32 W		09	41/2					7.21				1.14	189.06		78.64
57.40	93	7545	92.71	7538.22	N 25 W		14	41/2					7.08				1.77	196.14		80.85
55.20	93	7638	92.74	7630.76	N 21 W		10	41/4					6.79				1.20	202.93		82.94
52.40	92	7730	91.72	7722.68	N 20 W		09	41/2					7.12				1.13	210.05		84.98
50.00	95	7825	92.71	7817.39	N 21 W		10	41/2					7.34				1.30	217.39		86.98
46.00	94	7919	93.68	7911.07	N 17 W		06	41/2					7.74				.81	225.13		88.98
43.20	92	8011	91.72	8002.79	N 20 W		11	51/4					7.12				1.13	232.25		90.98
39.20	94	8103	91.61	8094.40	N 22 W		14	53/4					8.26				1.61	240.51		92.97
36.40	94	8197	93.53	8187.93	N 25 W		14	53/4					9.14				2.38	249.65		94.97
34.00	93	8290	92.49	8280.42	N 25 W		14	53/4					9.43				2.35	258.08		96.97
31.40	93	8383	92.49	8372.91	N 25 W		14	53/4					9.43				2.35	268.57		98.97
12.24.40	76	8459	75.58	8448.49	N 21 W		10	53/4					7.82				1.38	276.93		100.97
50.00.20	113	8572	112.53	8561.02	N 19 W		08	53/4					10.24				1.44	286.57		102.97
"	93	8665	92.61	8653.63	N 18 W		07	51/4					8.44				1.04	295.01		104.97
"	90	8758	89.66	8743.24	N 16 W		05	51/4					7.81				.68	302.52		106.97
"	89	8844	88.66	8831.95	N 16 W		05	51/4					7.73				.68	310.55		108.97
"	93	8937	92.68	8924.63	N 14 W		03	43/4					7.69				.40	318.24		110.97
"	98	9025	87.76	9012.39	N 19 W		03	44					6.51				.34	324.75		112.97
HORIZONTAL DISPLACEMENT = 33.80 FEET AT NORTH																				
										160.39' WEST										

SPERRY-SUN WELL SURVEYING COMPANY

FOR

ROWAN DRILLING COMPANY, INC.

STATE AN # 6 WELL

VACUUM-ABO FIELD

LEA COUNTY, NEW MEXICO

MAGNETIC MULTI SHOT SURVEY #3430

MAGNETIC SINGLE SHOT SURVEY #3432

MAGNETIC SINGLE SHOT SURVEY #3434

SEPTEMBER 17, 1962

