

OPERATOR American Quasar Petroleum Co. of New Mexico

ADDRESS 1000 Midland National Bank Tower

Midland, Texas 79701

LEASE NAME & NO. Brinninstool Well No. 2 SURVEY Totco

RECORD OF INCLINATION

Depth (feet)	Angle of Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
672	3/4	8.80	8.80
1235	1	9.85	18.65
1672	3/4	5.72	24.37
2333	1/2	5.75	30.12
2795	3/4	6.05	36.17
3014	1	3.83	40.00
3500	1	8.51	48.51
3934	1	7.60	56.11
4487	1 3/4	13.44	69.55
4872	2	11.27	80.82
5195	2	1.44	82.26
5250	1 1/2	1.44	83.70
5938	1 1/4	15.00	98.70
6435	2 3/4	23.86	122.56
6709	3	14.33	136.89
6959	3 1/4	14.18	151.07
7200	3 1/4	13.66	164.73
7447	4	17.24	181.87
7570	4 1/2	9.66	191.63
7645	4	5.24	196.87
7817	2 3/4	8.26	205.13
7967	3	7.85	212.98
8065	3	5.13	218.11
8218	1 3/4	4.67	222.78
8502	1 3/4	8.66	231.44
9028	2	18.36	249.80
9528	3/4	6.55	256.35
9980	3/4	5.92	262.27
10,477	2 1/4	19.53	281.80
10,692	1 3/4	6.56	288.36
12,047	1 1/2	35.50	323.86
12,665	1 1/4	13.47	337.33
12,727	1 1/4	1.35	338.68
13,158	1 1/4	9.40	348.08
13,335	3/4	2.32	350.40
13,540	3/4	2.69	353.09
13,800	1	4.55	357.64
14,170	3/4	4.85	362.49
14,308	1	2.42	364.91
14,926	1/4	2.72	367.63
15,000	1/4	.33	367.76
15,233	3/4	3.05	371.01
15,469	1/2	2.05	373.06
15,634	1/2	1.44	374.50
15,800	1/2	1.44	375.94

Total Displacement 375.94

Survey was run in Drill Pipe Distance to the nearest lease line 1980 feet.

Certification of personal knowledge of Inclination Data:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information given above is true and complete.

Subscribed and sworn before me this 28th day of December, 1977.

My Commission expires 7-13-79.

Notary Public

Signature

CACTUS DRILLING CORPORATION

Company

RECEIVED

11 10 1977

OIL CONSERVATION COMM.
HOBBS, N. M.