

LANDIS DRILLING COMPANY
P. O. Box 3579
Midland, Texas 79702

OPERATOR BTA Oil Producers ADDRESS 104 South Pecos, Midland, TX 79701
LEASE NAME 8705 JV-P Gem WELL NUMBER #1
LOCATION 660' FNL & 1980' FEL, Section 2, T-20-S, R-33-E, Lea County, New Mexico

DEPTH	ANGLE INCLINATION - DEGREES	DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
250	1	4.36	4.36
496	1 1/4	5.37	9.73
710	1 3/4	6.54	16.27
863	1 3/4	4.67	20.94
1061	1 1/2	5.18	26.12
1249	1 1/2	4.92	31.04
1350	1 1/2	2.64	33.68
1489	3/4	1.82	35.50
1680	1	3.33	38.83
1798	3/4	1.54	40.37
2116	1	5.55	45.92
2351	1 1/2	6.15	52.07
2535	1 3/4	5.62	57.69
2753	1	3.80	61.49
3001	1	4.33	65.82
3085	1 1/4	1.83	67.65
3251	1 1/4	3.62	71.27
3443	1 3/4	5.86	77.13
3710	2 3/4	12.81	89.94
3957	2	8.62	98.56
4323	2 3/4	17.56	116.12
4470	1	2.57	118.69
4726	1 1/4	5.59	124.28
5004	1	4.85	129.13
5309	1 1/2	7.98	137.11
5436	1 1/4	2.77	139.88
5929	1	8.60	148.48
6419	3/4	6.41	154.89
6911	1	8.59	163.48
7376	1 1/4	10.15	173.63
7870	1/2	4.31	177.94
8026	1	2.72	180.66
8221	1 1/4	4.25	184.91
8704	3/4	6.32	191.23
9200	1 1/2	12.99	204.22
9397	1 1/4	4.30	208.52
9851	3/4	5.94	214.46
10154	1	5.29	219.75
10630	1	8.31	228.06
11126	1/2	4.33	232.39
11507	3/4	4.99	237.38
11991	3/4	6.34	243.72
12487	1	8.66	252.38
12663	3/4	2.30	254.68
13144	1	8.39	263.07
13614	3/4	6.15	269.22
13700	1	1.50	270.72

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.



LANDIS DRILLING COMPANY

By: Gary W. Chappell
Title: Vice President - Contracts

AFFIDAVIT:

Before me, the undersigned authority, appeared Gary W. Chappell known to me to be the person whose name is subscribed hereabove, who on making deposition, under oath states that he is acting for and in behalf of the Operator of the well identified above, and that to the best of his knowledge and belief, such well was not intentionally deviated from the true vertical whatsoever.

Linnie Travis
AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 25th day of August,
1987.
LINNIE TRAVIS
Notary Public in & for
The State of Texas
My Commission Expires 2-19-88

Linnie Travis
NOTARY PUBLIC

RECEIVED

AUG 31 1967

CCD
HOBBS OFFICE