

TAHOE DRILLING CO.



PHONE (915) 697-4173

4402 W. INDUSTRIAL

MIDLAND, TEXAS 79703

Well Name & Number FEDERAL "I" #1

Operator MEWBOURNE OIL COMPANY, P.O. BOX 5270, HOBBS, NM 88241

Location SECTION 14, T-18-S, R-35-E

County LEA COUNTY, NEW MEXICO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well, and that he has conducted deviation tests and obtained the following results:

RECORD OF INCLINATION

*11 Measured Depth (feet)	12 Course Length (Hundreds of feet)	*13 Angle of Inclination (Degrees)	14 Displacement per Hundred Feet (Sine of Angle X100)	15 Course Displacement (feet)	16 Accumulative Displacement (feet)
418	418	1/4	0.44	1.83	1.83
910	492	1/4	0.44	2.16	3.99
1312	402	1.4	0.44	1.76	5.75
1621	309	1/2	0.87	2.68	8.43
1944	323	1/2	0.87	2.81	11.24
2438	494	1/2	0.87	4.29	15.53
2903	465	1/2	0.87	4.04	19.57
3354	451	3/4	1.31	5.90	25.47
3758	404	1	1.75	7.07	32.54
3999	241	1	1.75	4.21	36.75
4496	497	3/4	1.31	6.51	43.26
4722	226	1/2	0.87	1.96	45.22
4950	228	1	1.75	3.99	49.21
5300	350	1	1.75	6.12	55.33
5572	272	1	1.75	4.76	60.09
5975	403	3/4	1.31	5.27	65.36
6445	470	3/4	1.31	6.15	71.51
6928	483	1 1/4	2.18	10.52	82.03
7348	420	1 1/4	2.18	9.15	91.18
7512	164	1	1.75	2.87	94.05
7885	373	1	1.75	6.52	100.57
8045	160	1	1.75	2.80	103.37

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Drilling Contractor: Tahoe Drilling Company

By: *J. V. Roberts*

Subscribed and sworn to before me this 3rd day of OCTOBER, 1985.

Diane Hurst

Notary Public

Commission Expires: 9-17-88

Midland County, Texas

SHIPPED OCT - 7 1985