

MESA PETROLEUM CO.
Yesso State No. 1
1980' FNL & 1980' FWL, Sec. 13, T18S, R34E
Lea County, New Mexico

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 X 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
100	1.00	1/4	.44	.44	.44
300	2.00	1/4	.44	.88	1.32
400	1.00	1/2	.87	.87	2.19
628	2.28	1/2	.87	1.98	4.17
942	3.14	1/2	.87	2.73	6.90
1264	3.22	3/4	1.31	4.22	11.12
1507	2.43	3/4	1.31	3.18	14.30
1923	4.16	3/4	1.31	5.45	19.75
2000	.77	1/2	.87	.67	20.42
2300	3.00	3/4	1.31	3.93	24.35
2603	3.03	1-1/2	2.62	7.94	32.29
2950	3.47	1	1.75	6.07	38.36
3198	2.48	1	1.75	4.34	42.70
3515	3.17	1	1.75	5.55	48.25
3949	4.34	1/4	.44	1.91	50.16
4292	3.43	1/2	.87	2.98	53.14
4800	5.08	3/4	1.31	6.65	59.79
5025	2.25	1	1.75	3.94	63.73
5320	2.95	1	1.75	5.16	68.89
5620	3.00	1	1.75	5.25	74.14
5880	2.60	1	1.75	4.55	78.69
6195	3.15	1-1/4	2.18	6.87	85.56
6510	3.15	2-1/4	3.93	12.38	97.94
6791	2.81	3	5.23	14.69	112.63
6889	.98	2-1/4	3.93	3.85	116.48
7050	1.61	3-1/4	5.67	9.13	125.61
7134	.84	4	6.98	5.86	131.47
7177	.43	5	8.72	3.75	135.22
7226	.49	3-3/4	6.54	3.20	138.42
7350	1.24	3-1/4	5.67	7.03	145.45
7540	1.90	2-1/2	4.36	8.28	153.73
7634	.94	2	3.49	3.28	157.01
7830	1.96	2-3/4	4.80	9.41	166.42
7937	1.07	4	6.98	7.47	173.89
8029	.92	3-3/4	6.54	6.02	179.91
8123	.94	4	6.98	6.56	186.47
8194	.71	4	6.98	4.96	191.43
8287	.93	4	6.78	6.49	197.92
8380	.93	4-3/4	8.28	7.70	205.62
8470	.90	4-3/4	8.28	7.45	213.07
8521	.51	4	6.98	3.56	216.63
8656	1.35	4	6.98	9.42	226.05
8770	1.14	3-3/4	6.54	7.46	233.51
8836	.66	3-1/2	6.10	4.03	237.54
8865	.29	3-1/2	6.10	1.77	239.31
8947	.82	4	6.98	5.72	245.03
9061	1.14	4-1/4	7.41	8.45	253.48
9125	.64	4	6.98	4.47	257.95
9240	1.15	5	8.72	10.03	267.98
9340	1.00	4-3/4	8.28	8.28	276.26
9371	.31	4-1/2	7.85	2.43	278.69
9465	.94	4-3/4	8.28	7.78	286.47
9545	.80	3-1/2	6.10	4.88	291.35
9610	.65	4-1/4	7.41	4.82	296.17
9733	1.23	4-3/4	8.28	10.18	306.35
9835	1.02	4-1/2	7.85	8.01	314.36
9900	.65	4-1/2	7.85	5.10	319.46

INCLINATION DATA CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.

J.W. Meador
Signature of Authorized Representative

J.W. Meador
Name of Person and Title (type or print)
Dual Drilling Company

Name of Company
Telephone: 915 381-1170
Area Code

OPERATOR CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.

R.E. Mathis
Signature of Authorized Representative

R. E. Mathis, Regulatory Coordinator

Name of Person and Title (type or print)

Mesa Petroleum Co.

Operator

Telephone: 806 378-4886
Area Code

Subscribed and sworn to before me this
third day of June, 1983.

Chris Dietz
Notary Public in and for Potter County,
Texas.

Commission expires: 1-26-87