

SEP 24 1974

INCLINATION REPORT

O. C. C.

ARTESIA, OFFICE

Field Name Quatar Flat (Marcum) County Eddy State New MexicoOperator Mobil Oil Corporation Address P. O. Box 633 Midland, Texas 79701Lease Name & No. Federal "12" Com. Well No. 1 Survey TotoeRECORD OF INCLINATION

Depth (feet)	Angle of Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
184	1/4	.81	.81
250	1/2	.58	1.39
550	3/4	3.93	5.32
863	1/4	1.38	6.70
986	1/4	.54	7.24
1227	3/4	3.16	10.40
1443	1/4	.95	11.35
1654	3/4	2.76	14.11
1808	3/4	2.02	16.13
2105	1 1/2	7.78	23.91
2137	1	.56	24.47
2229	1	1.61	26.08
2600	3/4	4.86	30.94
2910	3/4	4.06	35.00
3242	3/4	4.35	39.35
3545	1	5.30	44.65
3880	3/4	4.39	49.04
4201	3/4	4.21	53.25
4510	2	10.78	64.03
4590	2	2.79	66.82
4712	1 3/4	3.72	70.54
4849	1 1/4	2.99	73.53
5037	1 3/4	5.73	79.26
5255	1 1/4	4.75	84.01
5473	3/4	2.86	86.87
5721	1/2	2.18	89.05
5938	1/2	1.91	90.96
6313	1 1/4	8.18	99.14
6545	1	4.06	103.20
6748	1	3.55	106.75
7064	1 1/4	6.89	113.64
7375	1 1/4	6.78	120.42
7782	3/4	5.33	125.75
8124	1	5.98	131.73
8437	1/4	1.38	133.11
8940	3/4	6.59	139.70
9403	3/4	6.07	145.77
9903	1 1/4	10.90	156.67
10,240	1	5.90	162.57
10,445	1 1/4	4.47	167.04
10,884	1	7.68	174.72
11,400	1 3/4	15.74	190.46

Total displacement 190.46Survey was run in Open Hole Distance to the nearest lease line 660 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.

Delton Marcum
Signature

MARCUM DRILLING COMPANY
Company