

Compliance with Rule 111, New Mexico Oil Conservation Commission Rules & Regulations
below is a deviation test for the following:

LEASE & WELL NO. H. W. Sawyer No. 9

FIELD Crossroads Siluro Devonian COUNTY Lea

LOCATION 1980 FNL 990 FEL, Sec. 27, T-9-S, R-36-E, UL-H

Measured Depth	Course Length 100's of Ft.	Angle of Inclination Degrees	Displacement Per 100 Ft. Angle Sine x 100	Course Displacement Feet	Accumulative Displacement Feet
270	2.70	3/4	1.309		
780	5.10	1/2	0.873	3.53	3.53
1280	5.00	1/4	0.436	4.45	7.98
1775	4.95	3/4	1.309	2.18	10.16
2278	5.03	3/4	1.309	6.48	16.64
2815	5.37	1/2	0.873	6.58	23.22
3318	5.03	1/4	0.436	4.69	27.91
3482	1.64	1/2	0.873	2.19	30.10
3836	3.54	1	1.745	1.43	31.53
4035	1.99	3/4	1.309	6.18	37.71
4886	8.51	1/2	0.873	2.60	40.31
5530	6.44	1	1.745	7.43	47.74
6060	5.30	1/2	0.873	11.24	58.98
6606	5.46	1/2	0.873	4.63	63.61
7063	4.57	3/4	1.309	4.77	68.38
7550	4.87	1 1/4	2.181	5.98	74.36
8180	6.30	1	1.745	10.62	84.98
8698	5.16	1	1.745	10.99	95.97
8995	2.99	1	1.745	9.00	104.97
9600	6.05	1	1.745	5.22	110.19
10235	6.35	1 3/4	2.054	10.56	120.75
10720	4.85	1	1.745	19.39	140.14
11001	2.81	1	1.745	8.46	148.60
11490	4.89	1 1/4	2.181	4.90	153.50
11800	3.10	1 1/2	2.618	10.66	164.16
12068	2.68	1	1.745	8.12	172.28
				4.68	176.96

I Charles Gray being first duly sworn on oath state that I have knowledge
Charles Gray
of the facts and matter set forth and that the same are true and correct.

Charles Gray
Signature

Subscribed and sworn to before me this 17th day of November 1972.

Annie Mae Hill
Notary Public in and for ANNIE MAE HILL
Midland County, Texas