

Coquina Oil Corporation - Patterson Federal No. 1, Eddy County, New Mexico

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Following is a summary of slope tests taken with the best instruments available on the above captioned well. These tests indicate inclination from vertical.

FEB 2 1979

D. C. C.

Accumulative Displacement

Depth (Feet)	Angle Inclination (Degrees)	Displacement (Feet)	Displacement (Feet)
181	0	1.81	1.81
393	1	5.71	7.52
517	1	2.17	9.69
700	1 1/2	1.59	11.28
886	3/4	2.43	13.71
1166	1/2	2.43	16.14
1476	1/2	2.69	18.83
1601	3/4	1.63	20.46
1875	3/4	3.58	24.04
2118	3/4	3.18	27.22
2400	1/2	2.45	29.67
2646	0	2.46	32.13
2895	1/4	1.09	33.22
3340	1	7.78	41.00
3603	1/2	2.28	43.28
3851	3/4	3.24	46.52
4128	1/4	1.21	47.73
4558	1 1/4	9.37	57.10
4650	1	1.61	58.71
4826	2 3/4	8.44	67.15
4928	2 3/4	4.89	72.04
5019	2 3/4	4.36	76.40
5110	2	3.17	79.57
5350	2 1/4	9.43	89.00
5447	1 3/4	2.95	91.95
5549	1 3/4	3.11	95.06
5632	1 1/2	2.17	97.23
5970	1 1/4	7.36	104.59
6190	1 3/4	6.71	111.30
6351	1 1/2	4.21	115.51
6495	1 1/2	3.77	119.28
6682	1 1/2	4.89	124.17
6937	1 1/2	7.99	132.16
7091	2 1/4	4.08	136.24
7206	1	2.01	138.25
7391	2	6.45	144.70
7484	2 1/4	3.65	148.35
7544	2 3/4	2.88	151.23
7728	3	9.62	160.85
7780	3	2.71	163.56
7884	3 1/4	5.89	169.45
7976	3	4.81	174.26
8130	2 1/2	6.71	180.97
8223	3	4.86	185.83
8286	2 3/4	3.02	188.85
8408	3	6.38	195.23
8540	3	6.90	202.13
8750	2 3/4	10.08	212.21
8969	3	11.45	223.66
9247	3	14.53	238.19
9371	2 3/4	5.95	244.14
9678	2 3/4	14.73	258.87
9957	2 1/2	12.16	271.03
10170	2 1/2	9.28	280.31

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U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

DELTA DRILLING COMPANY

Ken Heathman

KEN HEATHMAN, Drilling Engineer

STATE OF TEXAS
COUNTY OF ECTOR

BEFORE ME, the undersigned authority, on this day personally appeared KEN HEATHMAN, known to me to be the person whose name is subscribed to the foregoing instrument.

Given under my hand and seal of office this the 23rd day of January, 1979.

Beverly Nelson
Beverly Nelson