

INCLINATION REPORT

RECEIVED

1. FIELD NAME	2. LEASE NAME
3. OPERATOR	
4. ADDRESS	
5. LOCATION (Section, Block, and Survey)	

CONFIDENTIAL

MAR 24 1998

Covington Federal #3 Unit E

Pogo Producing Company

MIDLAND

30-025-3244E

P.O. Box 10340, Midland, tx. 79702

Sec. 25, T-25-S, R-32-E, Lea, N.M. 2310/2 & 1300/2

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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)
243	2.43	0.50	0.44	1.06	1.06
817	5.74	0.75	1.31	7.51	8.57
1068	2.51	0.75	1.31	1.88	10.45
1317	2.49	1.00	1.75	4.35	14.80
1567	2.50	0.75	1.31	3.27	18.07
1816	2.49	0.75	1.31	3.26	21.33
2065	2.49	0.50	0.87	2.16	23.49
2315	2.50	1.00	1.75	4.37	27.86
2563	2.48	0.75	1.31	3.24	31.10
2815	2.52	0.75	1.31	3.30	34.40
3063	2.48	1.00	1.75	4.34	38.74
3309	2.46	1.00	1.75	4.30	43.04
3561	2.52	1.00	1.75	4.41	47.45
3809	2.48	0.75	1.31	3.24	50.69
3966	1.57	1.50	2.62	4.11	54.80
4119	1.53	1.25	2.18	3.33	58.13
4274	1.55	2.00	3.49	5.40	63.53
4429	1.55	2.75	4.80	7.44	70.97
4675	2.46	3.00	5.23	12.86	83.83
4953	2.78	1.75	3.05	8.47	92.30
5451	4.98	1.00	1.75	8.71	101.01
5919	4.68	1.00	1.75	8.19	109.20
6416	4.97	0.75	1.31	6.51	115.71
6916	5.00	0.50	0.87	4.35	120.06
7416	5.00	1.50	2.62	13.10	133.16
7757	3.41	1.00	1.75	5.96	139.12
8135	3.78	1.25	2.18	8.24	147.36
8571	4.36	2.00	3.49	15.21	162.57
8950	3.79	1.25	2.18	8.26	170.83

Accumulative total displacement of well bore at total depth of 8950 feet = 170.83 feet.

Inclination measurements were made in : Tubing Casing Open Hole Drill Pipe

Signature of Authorized Representative <u>L.V. Bohannon, Drilling Superintendent</u> Name of Person and Title (type or print) <u>Lakota Drilling Company</u> Name of Company Telephone <u>915-570-5560</u> Area Code	Signature of Authorized Representative Name of Person and Title (type or print) Name of Company Telephone Area Code
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Certified By Jeanine E. Saunders Date 3/23/98

