

INCLINATION REPORT

1 FIELD NAME 3 OPERATOR Pogo Producing Company	2 LEASE NAME Covington A Fed. #19 <i>Unit A</i>
4 ADDRESS P.O. Box 10340, Midland, Tx. 79702	
5 LOCATION (Section, Block, and Survey) Sec. 26, T-22-S, R-32-E, Lea. N.M. <i>610/N & 660/E</i>	

CONFIDENTIAL

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)
263	2.63	0.50	0.87	2.28	2.28
506	2.43	0.75	1.31	3.18	5.46
800	2.94	0.75	1.31	3.85	9.31
1156	3.56	1.00	1.75	6.23	15.54
1500	3.44	0.75	1.31	4.50	20.04
1843	3.43	1.00	1.75	6.00	26.04
2200	3.57	1.00	1.75	6.24	32.28
2557	3.57	0.75	1.31	4.67	36.95
2900	3.43	1.25	2.18	7.47	44.42
3242	3.42	1.75	3.05	10.43	54.85
3859	6.17	2.00	3.49	21.53	76.38
3961	1.02	3.75	6.54	6.67	83.05
3992	0.31	4.75	8.28	2.56	85.61
4022	0.30	4.00	6.98	2.09	87.70
4056	0.34	4.00	6.98	2.37	90.07
4182	1.26	3.25	5.67	7.14	97.21
4242	0.60	3.00	5.23	3.13	100.34
4365	1.14	2.75	4.80	5.47	105.81
4637	2.72	2.75	4.80	13.05	118.86
4977	4.97	1.50	2.62	13.02	131.88
5474	4.97	0.75	1.31	6.51	138.39
5977	5.03	0.75	1.31	6.58	144.97
6476	4.99	0.50	0.87	4.34	149.31
6934	4.98	1.25	2.18	10.85	160.16
7474	5.00	1.25	2.18	10.90	171.06
7942	4.68	1.75	3.05	14.27	185.33
8579	6.37	2.25	3.93	25.03	210.36
8801	2.22	2.00	3.49	7.74	218.10

Accumulative total displacement of well bore at total depth of 4,017 feet = 218.10 feet.

Inclination measurements were made in :

☐ Tubing
 ☐ Casing
 ☐ Open Hole
 ☒ Drill Pipe

 Signature of Authorized Representative L.V. Bohannon, Drilling Superintendent Name of Person and Title (type or print) Lakota Drilling Company 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

Jeannie E. Saunders

Date 12/20/90

