

~~SEP 3 1997~~

INCLINATION REPORT

1. FIELD NAME	MIDLAND	2. LEASE NAME	Covington A Federal #15	Unit A
3. OPERATOR	Pogo Producing Company			
4. ADDRESS	P.O. Box 10340, Midland, tx. 79702			
5. LOCATION (Section, Block, and Survey)	Sec. 25, T-22-S, R-32-E, Lea, N.M.			
	30-D25-33319			
	CONFIDENTIAL			
	330 N 4 1300 E			

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)
240	2.40	0.50	0.87	2.08	2.08
521	2.80	0.75	1.31	3.66	5.74
831	3.11	1.25	2.18	6.77	12.51
1043	2.12	0.75	1.31	2.77	15.28
1326	2.83	0.75	1.31	3.70	18.98
1607	2.81	0.75	1.31	3.68	22.66
1825	2.18	0.75	1.31	2.85	25.51
2069	2.41	0.75	1.31	3.19	28.70
2317	2.48	0.75	1.31	3.24	31.94
2567	2.50	1.00	1.75	4.37	36.31
2816	2.49	1.00	1.75	4.35	40.66
3065	2.49	1.25	2.18	5.42	46.08
3316	2.51	2.00	3.49	8.75	54.83
3563	2.47	1.50	2.62	6.47	61.30
3806	2.43	2.25	3.93	9.54	70.84
3962	1.56	2.75	4.80	7.48	78.32
4119	1.57	2.50	4.36	6.84	85.16
4275	1.56	3.50	6.10	9.51	94.67
4367	0.92	3.25	5.67	5.21	99.88
4501	1.34	3.00	5.23	7.00	106.88
4705	2.04	2.00	3.49	7.11	113.99
4958	2.53	2.00	3.49	8.82	122.81
5459	5.01	1.00	1.75	8.76	131.57
5958	4.99	1.00	1.75	8.73	140.30
6457	5.98	1.00	1.75	10.46	150.76
6927	4.70	1.25	2.18	10.24	161.00
7426	4.99	2.00	3.49	17.41	178.41
7676	2.50	1.75	3.05	7.62	186.03
7959	2.83	1.75	3.05	8.63	194.66
8425	4.16	2.00	3.49	16.26	210.92
9010	5.85	2.00	3.49	20.41	231.33

Accumulative total displacement of well bore at total depth of

9010

feet =

231.33 feet.

Inclination measurements were made in :

Tubing

Casing

Open Hole

X 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 915-570-5560 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

Date _____

9-2-97