

INCLINATION REPORT

1. FIELD NAME

2. LEASE NAME

Harroun 15- #5

3. OPERATOR

Pogo Producing Company

4. ADDRESS

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

5. LOCATION (Section, Block, and Survey)

Sec. 15, T-24-S, R-29-E, Eddy N.M.

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)
215	2.15	0.50	0.87	1.87	1.87
396	1.81	0.75	1.31	2.37	4.24
524	1.28	0.50	0.87	1.11	5.35
674	1.50	0.75	1.31	1.96	7.31
825	1.51	0.50	0.87	1.31	8.62
977	1.52	0.50	0.87	1.32	9.94
1446	4.69	1.00	1.75	8.20	18.14
1634	1.88	0.75	1.31	2.46	20.60
1790	1.56	1.00	1.75	2.73	23.33
1947	1.57	1.25	2.18	3.42	26.75
2099	1.52	0.50	0.87	1.32	28.07
2254	1.55	1.00	1.75	2.71	30.78
2409	1.55	1.75	2.62	4.06	34.84
2563	1.54	1.75	3.05	4.69	39.53
2719	1.56	2.25	3.93	6.13	45.66
2900	1.81	2.50	4.36	7.89	53.55
2995	0.95	1.00	1.75	1.66	55.21
3244	2.49	1.00	1.75	4.35	59.56
3711	4.67	0.75	1.31	6.11	65.67
4178	4.67	0.75	1.31	6.11	71.78
4450	2.72	0.50	0.87	2.36	74.14
4954	5.04	1.25	2.18	10.98	85.12
5453	4.99	1.25	2.18	10.87	95.99
5930	4.77	1.25	2.18	10.39	106.38
6428	4.98	1.75	3.05	15.18	121.56
6648	2.20	1.25	2.18	4.79	126.35
6897	2.49	0.50	0.87	2.16	128.51
7147	2.50	0.25	0.44	1.10	129.61
7397	2.50	3.75	6.54	16.35	145.96
7491	0.94	3.75	6.54	6.14	152.10
7589	0.98	3.00	5.23	5.12	157.22
7680	0.91	2.25	3.93	3.57	160.79
7784	1.04	2.00	3.49	3.62	164.41
8050	2.66	1.75	3.05	8.11	172.52

Accumulative total displacement of well bore at total depth of

8050'

feet =

172.52 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 Lakota Drilling 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

3-31-97