INCLINATION REPORT

1. FIELD NAME

2. LEASE NAME
Sundance 1 Federal #5

3. OPERATOR
Pogo Producing Company

4. ADDRESS
P.O. Box 10340, Midland, Tx. 79702

CONFIDENTIAL

5. LOCATION (Section, Block, and Survey)
Sec.1, T-24-S, R-31-E, Eddy, N.M.

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)
295	2.95	0.50	0.87	2.56	2.56
600	3.05	0.50	0.87	2.65	5.21
822	2.22	0.75	1.31	2.90	8.11
1071	2.49	0.75	1.31	3.26	11.37
1317	2.46	0.50	0.87	2.14	13.51
1654	3.37	0.50	0.87	2.93	16.44
1813	1.59	0.75	1.31	2.08	18.52
2063	2.50	0.75	1.31	3.27	21.79
2313	2.50	1.00	1.75	4.37	26.16
2562	2.49	0.75	1.31	3.26	29.42
2810	2.48	0.75	1.31	3.24	32.66
3060	2.50	0.75	1.31	3.27	35.93
3307	2.47	1.00	1.75	4.32	40.25
3584	2.77	0.75	1.31	3.62	43.87
3710	1.26	0.75	1.31	1.65	45.52
3865	1.55	1.00	1.75	2.71	48.23
4020	1.55	1.00	1.75	2.71	50.94
4357	3.37	1.75	3.05	10.27	61.21
4521	1.64	1.75	3.05	5.00	66.21
4769	2.48	1.50	2.62	6.49	72.70
5269	5.00	1.75	3.05	15.25	87.95
5766	4.97	1.00	1.75	8.69	96.64
6236	4.70	1.75	3.05	14.33	110.97
6730	4.94	1.25	2.18	10.76	121.73
7226	4.96	1.50	2.62	12.99	134.72
7722	4.96	1.50	2.62	12.99	147.71
8219	4.97	1.25	2.18	10.83	158.54
8510	2.91	1.75	3.05	8.87	167.41

Accumulative total displacement of well bore at total depth of 8510 feet = 167.41 feet.

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

Signature of Authorized Representative	Signature of Authorized Representative
L.V. Bohannon, Drilling Superintendent	
Name of Person and Title (type or print)	Name of Person and Title (type or print)
Lakota Drilling Company	
Name of Company	Name of Company
Telephone 915-570-5560	Telephone
Area Code	Area Code

Certified By: Jeanine E. Saunders Date 4/27/98

JEANINE E. SAUNDERS
Notary Public, State of Texas
My Commission Expires 9-18-2001