

INCLINATION REPORT

1. FIELD NAME Pitchfork Ranch (Atoka)	2. LEASE NAME Madera Ridge "24" No. 1
3. OPERATOR Southland Royalty Company	
4. ADDRESS 21 Desta Drive, Midland Texas, 79705	
5. LOCATION (Section, Block, and Survey) Sec. 24, TN-24-S, R-33-E	

County

Lea

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 X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
226	2.26	.50	.87	1.97	1.97
331	1.05	.50	.87	.91	2.88
405	.74	.50	.87	.64	3.52
492	.87	1.00	1.75	1.52	5.04
682	1.90	.75	1.31	2.49	7.53
961	2.79	.50	.87	2.43	9.96
1,116	1.55	.50	.87	1.35	11.31
1,334	2.18	.25	.44	.96	12.27
1,551	2.17	.50	.87	1.89	14.16
1,800	2.49	.50	.87	2.17	16.33
2,018	2.18	1.00	1.75	3.82	20.15
2,232	2.14	1.00	1.75	3.75	23.90
2,478	2.46	.50	.87	2.14	26.04
2,718	2.40	.75	1.31	3.14	29.18
2,935	2.17	.50	.87	1.89	31.07
3,397	4.62	.50	.87	4.02	35.09

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 15,600 feet = 422.37 feet.
19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe

Notary Seal

Subscribed and sworn to before me this 14 day of March 1985
Christina Meyer Ector
 Notary Public County Texas

INCLINATION DATA CERTIFICATION <u>Darrell Roberts</u> Signature of Authorized Representative <u>Darrell Roberts</u> Name of Person and Title (type or print) Southland Royalty Company Operator Telephone: <u>915</u> <u>366-3658</u> Area Code	OPERATOR CERTIFICATION <u>Darrell Roberts</u> Signature of Authorized Representative <u>Darrell Roberts</u> Name of Person and Title (type or print) Southland Royalty Company Operator Telephone: <u>915</u> <u>686-5600</u> Area Code
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RECORD OF INCLINATION (Continued from reverse side)

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
3,613	2.16	.50	.87	1.88	36.97
3,824	2.11	.50	.87	1.84	38.81
4,067	2.43	.50	.87	2.11	40.92
4,253	1.86	1.00	1.75	3.26	44.18
4,501	2.48	.75	1.31	3.25	47.43
4,717	2.16	.75	1.31	2.83	50.26
5,024	3.07	.75	1.31	4.02	54.28
5,403	3.79	1.00	1.75	6.63	60.91
5,741	3.38	1.00	1.75	5.92	66.83
6,051	3.10	.75	1.31	4.06	70.89
6,327	2.76	.50	.87	2.40	73.29
6,664	3.37	.50	.87	2.93	76.22
6,973	3.09	.50	.87	2.69	78.91
7,285	3.12	.75	1.31	4.09	83.00
7,628	3.43	1.25	2.18	7.48	90.48
7,780	1.52	1.25	2.18	3.31	93.79
8,063	2.83	1.75	3.05	8.63	102.42
8,247	1.84	1.75	3.05	5.61	108.03
8,434	1.87	1.75	3.05	5.70	113.73
8,618	1.84	1.75	3.05	5.61	119.34
8,806	1.88	1.25	2.18	4.10	123.44
8,993	1.87	1.75	3.05	5.70	129.14
9,183	1.90	1.75	3.05	5.80	134.94
9,526	3.43	1.75	3.05	10.46	145.40
9,729	2.03	2.00	3.49	7.08	152.48
9,885	1.56	1.50	2.62	4.09	156.57
10,103	2.18	1.75	3.05	6.65	163.22
10,292	1.89	1.75	3.05	5.76	168.98
10,474	1.82	1.75	3.05	5.55	174.53
10,691	2.17	2.75	4.80	10.42	184.95
10,817	1.26	2.00	3.49	4.40	189.35
11,135	3.18	1.75	3.05	9.70	199.05
11,358	2.23	1.75	3.05	6.80	205.85
11,548	1.90	1.50	2.62	4.98	210.83
11,800	2.52	1.25	2.18	5.49	216.32
12,331	5.31	1.25	2.18	11.58	227.90
12,583	2.52	1.00	1.75	4.41	232.31
13,788	12.05	2.75	4.80	57.84	290.15
14,618	8.30	4.00	6.98	57.93	348.08
14,940	3.22	4.00	6.98	22.48	370.56
15,600	6.60	4.50	7.85	51.81	422.37

If additional space is needed, attach separate sheet and check here. ☐

REMARKS:

RECEIVED

MAR 20 1985

NO 10 1985