

INCLINATION REPORT

1. FIELD NAME
Pitchfork Ranch (Morrow)

2. LEASE NAME
Vaca Ridge 21 Fed Com #1

3. OPERATOR
Southland Royalty Company

4. ADDRESS
21 Desta Drive, Midland TX 79705

5. LOCATION (Section, Block, and Survey)
Sec. 21, T-24-S, R-34-E

County

Loc

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)
350	3.50	1.00	1.75	6.13	6.13
996	6.46	0.25	0.44	2.84	8.97
1,440	4.44	1.25	2.18	9.68	10.65
2,000	5.60	0.75	1.31	7.34	25.09
2,504	5.04	0.75	1.31	6.60	32.59
3,010	5.06	0.75	1.31	6.63	39.22
3,537	5.27	1.00	1.75	9.22	48.44
4,275	7.38	1.50	2.62	19.34	67.78
5,172	8.97	1.75	3.05	27.36	95.14
5,689	5.17	1.00	1.75	9.05	104.19
6,215	5.26	1.25	2.18	11.47	115.66
7,175	9.50	0.50	0.87	8.35	124.01
7,800	6.25	0.75	1.31	8.19	132.20
8,505	7.05	0.25	0.44	3.10	135.30
8,935	4.30	0.75	1.31	5.63	140.93
9,170	2.35	1.50	2.62	6.16	147.09

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 15,200 feet = 317.94 feet.

19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe

Notary Seal

Subscribed and sworn to before me this 7th day of June 1955
Notary Public County Texas

INCLINATION DATA CERTIFICATION

H. L. Jennings
 Signature of Authorized Representative
H. L. Jennings, Administrative Mgr.
 Name of Person and Title (type or print)
Parker Drilling Company
 Name of Company

Telephone: 915 366-3658
 Area Code

OPERATOR CERTIFICATION

Darrell Roberts
 Signature of Authorized Representative
Darrell Roberts, Operations Engineer
 Name of Person and Title (type or print)

Southland Royalty Company
 Operator
 Telephone: 915 686-5600
 Area Code