

INCLINATION REPORT

1 FIELD NAME Loving BRUSHY Canyon East	2 LEASE NAME SCB #23-13 (South Culebra Bluff)
3 OPERATOR Ram Energy, Tx.	
4 ADDRESS 601 N. Marienfeld, Suite 102, Midland Tx. 79701	
5 LOCATION (Section, Block, and Survey) Sec.23 T-23-S, R-28-E, Eddy, N.M.	

RECORD OF INCLINATION

11. Measure d 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	2.49	0.50	0.87	2.16	2.16
540	2.91	2.00	3.49	10.15	12.31
740	2.02	3.00	5.23	10.56	22.87
820	0.87	3.00	5.23	4.55	27.42
900	1.26	3.25	5.67	7.14	34.56
1000	1.28	2.50	4.36	5.58	40.14
1200	1.56	2.25	3.93	6.13	46.27
1500	2.81	1.50	2.62	7.36	53.63
1700	2.16	1.00	1.75	3.78	57.41
1900	2.49	2.75	4.80	11.95	69.36
2100	1.23	4.25	7.41	9.11	78.47
2199	0.91	4.75	8.28	7.53	86.00
2263	0.64	4.50	7.85	5.02	91.02
2295	0.32	4.00	6.98	3.19	94.21
2357	0.62	4.00	6.98	4.32	98.53
2389	0.32	4.00	6.98	2.23	100.76
2419	0.30	3.50	6.10	1.83	102.59
2451	0.32	3.25	5.67	1.81	104.40
2482	0.31	2.75	4.80	1.48	105.88
2586	1.04	2.25	3.93	4.08	109.96
2671	0.85	1.50	2.62	2.22	112.18
2799	1.28	1.25	2.18	2.79	114.97
3016	2.17	0.75	1.31	2.84	117.81
3232	2.16	0.75	1.31	2.82	120.63
3450	2.18	0.50	0.87	1.89	122.52
3667	2.17	0.75	1.31	2.84	125.36
3916	2.49	1.00	1.75	4.35	129.71
4131	2.15	0.75	1.31	2.81	132.52
4439	3.08	0.75	1.31	4.03	136.55
4782	3.43	1.50	2.62	8.98	145.53
4890	1.08	1.50	2.62	2.82	148.35
5028	1.38	1.75	3.05	4.20	152.55
5368	3.40	1.75	3.05	10.37	162.92
5555	1.87	1.50	2.62	6.76	169.68
5741	1.86	1.50	2.62	4.87	174.55
6022	2.81	1.50	2.62	7.36	181.91
6350	3.28	1.75	3.05	10.00	191.91

Accumulative total displacement of well bore at total depth of

6350

feet =

191.91 feet.

Inclination measurements were made in :

☐ Tubing

☐ Casing

☐ Open Hole

☒ Drill Pipe

Signature of Authorized Representative <i>L.V. Bohannon</i> 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 <i>Tom S. Carrens</i> TOM S. CARRENS - Pres. Name of Person and Title (type or print) TLC CONSULTING SERVICES, Agent Name of Company Telephone (915) 682-0095 Area Code
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Certified By

John Ellis Davis

Date

5/29/98

Lanetta June Cooper



LANETTA JUNE COOPER
 MY COMMISSION EXPIRES
 January 06, 2002

OPERATOR RAM ENERGY, INC. ADDRESS 601 N. Marienfeld, Suite 102 Midland, Tx
 LEASE SOUTH CULEBRA BLUFF 23 WELL NO. 13 FIELD LOVING BRUSHY CANYON EAST
 LOCATION 1650 FNL, 1650' FWL, SEC. 23 TWSHP 23-S LOVING COUNTY, NEW MEXICO

degrees @

SEE ATTACHMENT

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information given above is true and complete.

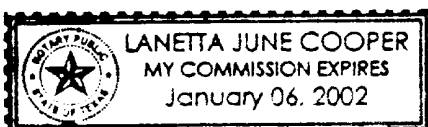
Tom S. Carrens Tom S. Carrens
 Signature
TLC Consulting Services, Agent
 Company

PERATOR AFFIDAVIT:

Before me, the undersigned authority, on this day, personally appeared TOM S. CARRENS, known to me to be the person whose name is subscribed hereto, who after being duly sworn, on oath states that he is acting for and in behalf of the operator of the well identified above, and that such well was not intentionally deviated from the vertical whatsoever.

Tom S. Carrens, TLC Consulting Services
 Signature and Title Agent

SWORN and SUBSCRIBED to before me, this the 25th day of June, 1998.



Lanetta June Cooper
 Notary Public in and for
 Borden County, Texas.

Commission Expires: 1/6/02