

INCLINATION REPORT

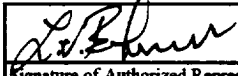
1. FIELD NAME West Lovington Strawn	2. LEASE NAME Townsend State #1 <i>Unit P</i>
3. OPERATOR UMC Petroleum Corporation	
4. ADDRESS 410 17th Street, Suite 14 Denver Co. 80202	
5. LOCATION (Section, Block, and Survey) Sec. 2, T-16-S, R-35-E, Lea County, N.M.	

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)
400	4.00	1.00	1.75	7.00	7.00
806	4.06	0.75	1.31	5.31	12.31
1208	4.02	0.75	1.31	5.26	17.57
1751	5.43	1.00	1.75	9.50	27.07
1914	1.63	1.00	1.75	2.85	29.92
2408	4.94	1.50	2.62	12.94	42.86
2905	4.97	0.50	0.87	4.32	47.18
3402	4.97	1.00	1.75	8.69	55.87
3900	4.98	1.00	1.75	8.71	64.58
4400	5.00	3.00	5.23	26.15	90.73
4500	1.10	3.00	5.23	5.75	96.48
4757	2.57	1.50	2.62	6.73	103.21
5217	4.60	1.50	2.62	12.05	115.26
5685	4.68	1.50	2.62	12.26	127.52
6184	4.99	1.00	1.75	8.73	136.25
6573	3.89	1.00	1.75	6.80	143.05
7052	4.79	0.50	0.87	4.16	147.21
7549	4.97	1.00	1.75	8.69	155.90
8015	4.66	0.50	0.87	4.05	159.95
8513	4.98	1.25	2.18	10.85	170.80
8795	2.82	1.00	1.75	4.93	175.73
9292	4.97	1.25	2.18	10.83	186.56
9726	4.34	0.50	0.87	3.77	190.33
10162	4.36	0.50	0.87	3.79	194.12
10332	1.70	0.50	0.87	1.48	195.60
10623	2.91	0.50	0.87	2.53	198.13
10940	3.17	0.75	1.31	4.15	202.28
11042	1.02	0.75	1.31	1.33	203.61
11362	3.10	0.50	0.87	2.69	206.30
11482	1.20	1.50	2.62	3.14	209.44
11800	3.18	3.25	5.67	18.03	227.47

Accumulative total displacement of well bore at total depth of 11,800' feet = 227.47 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 Telephone 915-570-5560 Area Code	 Signature of Authorized Representative Scott M. Webb/Regulatory Coordinator Name of Person and Title (type or print) UMC Petroleum Corporation Name of Company Telephone (303) 573-4721 Area Code
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Certified By *John Ellis Dean* Date 3-31-97