

30-025-40736

<b>NEW MEXICO INCLINATION REPORT</b> Copy Must Be Filed With Each Completion Report.)		(One)	6. RRC District NMPM
		<b>HOBBS OCD</b>	7. RRC Lease Number. (Oil completions only)
1. FIELD NAME (as per RRC Records or Wildcat) VACUUM	2. LEASE NAME VGEU	FEB 07 2013	8. Well Number 37-31
3. OPERATOR CONOCO PHILLIPS COMPANY		<b>RECEIVED</b>	9. RRC Identification Number (Gas completions only)
4. ADDRESS ATTN: ALVA FRANCO 3300N "A" ST. BLDG 6 #247 MIDLAND, TX 79710			10. County LEA
5. LOCATION (Section, Block, and Survey) SEC 31, TOWNSHIP 17 S, RANGE 35 E, NMPM			

**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)
438	4.38	0.80	1.40	6.12	6.12
856	4.18	0.70	1.22	5.11	11.23
1350	4.94	1.10	1.92	9.48	20.71
1451	1.01	1.00	1.75	1.76	22.47
1651	2.00	0.20	0.35	0.70	23.17
1756	1.05	0.20	0.35	0.37	23.54
1935	1.79	2.40	4.19	7.50	31.04
2114	1.79	2.30	4.01	7.18	38.22
2293	1.79	2.20	3.84	6.87	45.09
2518	2.25	2.40	4.19	9.42	54.51
2627	1.09	3.50	6.10	6.65	61.16
2707	0.80	4.60	8.02	6.42	67.58
2801	0.94	5.60	9.76	9.17	76.75
2892	0.91	6.80	11.84	10.77	87.52
2986	0.94	6.60	11.49	10.80	98.32
3076	0.90	6.90	12.01	10.81	109.13

**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)
3164	0.88	7.90	13.74	12.10	121.23
3235	0.71	8.70	15.13	10.74	131.97
3369	1.34	7.60	13.23	17.72	149.69
3593	2.24	8.00	13.92	31.17	180.86
3878	2.85	8.60	14.95	42.62	223.48
3972	0.94	9.40	16.33	15.35	238.83
4041	0.69	8.80	15.30	10.56	249.39
4176	1.35	9.80	17.02	22.98	272.37
4266	0.90	9.90	17.19	15.47	287.84
4355	0.89	9.60	16.68	14.84	302.68
4445	0.90	9.60	16.68	15.01	317.69
4534	0.89	9.20	15.99	14.23	331.92
4624	0.90	8.80	15.30	13.77	345.69
4713	0.89	9.80	17.02	15.15	360.84
5027	3.14	9.20	15.99	50.20	411.04
5116	0.89	9.30	16.16	14.38	425.42
5206	0.90	9.70	16.85	15.16	440.58
5296	0.90	9.70	16.85	15.16	455.74
5341	0.45	9.70	16.85	7.58	463.32
5475	1.34	9.60	16.68	22.35	485.67
5565	0.90	9.40	16.33	14.70	500.37
5654	0.89	9.30	16.16	14.38	514.75
5744	0.90	9.10	15.82	14.23	528.98
5923	1.79	8.80	15.30	27.38	556.36

JAN 07 2014



ANGLE	RADIANS	SINE OF ANGLE	(INPUT LA CK)
0.25	0.004363323	0.004363	0.00436
0.5	0.008726646	0.008727	0.00873
0.75	0.013089969	0.01309	0.01309
1	0.017453293	0.017452	0.017545

(WHERE PI = 3.141592654 )