



P. O. Box 952, Odessa, Texas 79760  
 (915) 381-6910 or 563-2023  
 Toll Free In Texas (800) 592-4551

NMOCC

INCLINATION REPORT

LEASE NAME: HUMPHREY QUEEN UNIT 31  
 OPERATOR: MOBIL PRODUCING TEXAS & NEW MEXICO, INC.  
 ADDRESS: NINE GREENWAY PLAZA, SUITE 2700, HOUSTON TEXAS 77046  
 COUNTY: LEA  
 LOCATION (Section Block, and Survey) 1750' FWL & 1200 FSL SEC #, TWP  
 South Range 37 East

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)
222	2.22	1/2	.87	1.93	1.93
424	2.02	3/4	1.31	2.54	4.58
709	2.85	1	1.75	4.99	9.57
1332	6.23	1	1.75	10.90	20.47
1611	2.79	1	1.75	4.88	25.35
1894	2.83	3/4	1.31	3.71	29.06
2301	4.07	2 1/2	4.36	17.75	46.81
2457	1.56	3 1/4	5.67	8.85	55.66
2517	.60	2 3/4	4.80	7.49	63.15
2642	1.25	2 1/4	3.93	4.91	68.06
2704	.62	2 3/4	4.80	2.98	71.04
2860	1.56	2 1/2	4.36	6.80	77.84
2991	1.31	2	3.49	4.57	82.41
3050	.59	1 1/2	2.62	1.44	83.96
3242	1.92	1 3/4	3.05	5.86	89.82
3340	.98	1 3/4	3.05	2.99	92.81
3640	3.00	1 3/4	3.05	9.15	101.96

Accumulative Total Displacement of well bore at total depth of 3640 Feet = 101.96 feet.

*A.T. Lewis*

Signature of Authorized Representative

A. T. LEWIS, VICE PRESIDENT OF OPERATIONS  
 Name of Person and Title (type or print)

VERNA DRILLING CORP. - ODESSA, TEXAS  
 Name of Company

TELEPHONE 914 381-6910

*Janet Moore*  
 Janet Moore, Notary Public  
 State of Texas

Comm Exp: 10-18-84