

HOBBS OCD

JAN 18 2012

# INCLINATION REPORT

OPERATOR: QUANTUM RESOURCES MANAGEMENT

LEASE NAME: M STATE 18-5 - A, 19-225-320 639/N 4531/E

API # 30-025-40299

RECEIVED

## RECORD OF INCLINATION

Measured Depth	Course Length (Hundreds of feet)	Angle of Inclination (degrees)	Displacement per Hundred Feet (Sine of Angle x 100)	Course Displacement (feet)	Accumulative Displacement (feet)
283	283	0.75	1.31	3.7	3.7
758	475	1.25	2.18	10.35	14.05
964	206	1.25	2.18	4.49	18.54
1210	246	1	1.75	4.3	22.84
1500	290	0.5	0.87	2.52	25.36
2001	501	1.25	2.18	10.92	36.28
2255	254	1.5	2.62	6.65	42.93
2500	245	2.25	3.93	9.62	52.55
2689	189	1.5	2.62	4.95	57.5
2936	247	1.25	2.18	5.38	62.88
3253	317	0.75	1.31	4.15	67.03
3503	250	0.5	0.87	2.17	69.2
3749	246	0.25	0.44	1.08	70.28
4204	455	0.25	0.44	2	72.28
4463	259	0.25	0.44	1.13	73.41
4702	239	0.75	1.31	3.13	76.54
4921	219	0.5	0.87	1.9	78.44
5138	217	0.5	0.87	1.88	80.32
5388	250	0.25	0.44	1.1	81.42
5632	244	0.25	0.44	1.07	82.49
5882	250	0.75	1.31	3.27	85.76
6133	251	0.75	1.31	3.28	89.04
6352	219	0.75	1.31	2.86	91.9
6603	251	0.5	0.87	2.18	94.08
6857	254	0.5	0.87	2.2	96.28

### Inclination Data Certification

Signature of Authorized Representative

**Danny Crow, Vice President of Operations**

Name of Person and Title

**Felderhoff Brothers Drilling**

Name of Company

**940-668-8344**

Telephone

APR 03 2012