

OPERATOR BOPCO, LP
WELL/LEASE BIG EDDY UNIT 191
COUNTY EDDY RIG 46

STATE OF NEW MEXICO
DEVIATION REPORT

273	0.50	4,137	0.30	8,794	1.10
426	0.75	4,389	0.60	8,887	1.70
667	1.20	4,649	0.70	8,983	3.30
848	2.90	4,902	0.40	9,074	3.60
933	2.20	5,156	0.30	9,170	3.40
1,027	2.00	5,410	0.30	9,268	2.20
1,136	2.60	5,695	0.60	9,361	2.40
1,230	2.30	5,921	0.40	9,458	3.10
1,314	2.60	6,171	0.70	9,551	2.60
1,410	1.80	6,424	0.40	9,619	1.80
1,504	2.70	6,678	0.60	9,630	2.50
1,611	2.70	6,930	1.10	9,721	2.20
1,706	2.20	7,027	1.80	9,817	2.10
1,788	2.30	7,117	2.90	9,902	1.30
1,895	1.90	7,212	2.20	9,999	1.30
1,991	2.50	7,253	2.75	10,103	2.20
2,075	2.50	7,280	2.20	10,198	1.80
2,169	1.60	7,370	1.60	10,283	1.10
2,274	2.20	7,469	2.60	10,378	0.60
2,372	2.20	7,566	1.80	10,483	1.40
2,468	3.30	7,661	2.00	10,647	0.25
2,548	4.10	7,757	2.00	10,932	0.75
2,661	2.90	7,852	1.60	11,187	1.00
2,761	2.80	7,947	2.60	11,344	1.50
2,838	2.40	8,029	2.80	11,758	3.00
2,911	1.50	8,124	2.50	11,792	0.50
3,031	0.90	8,227	2.00	12,167	1.00
3,187	1.00	8,320	1.80	12,336	1.00
3,346	1.30	8,409	2.10	12,732	0.25
3,557	0.50	8,505	1.00		
3,665	0.40	8,600	2.10		
3,887	0.00	8,699	1.10		

BY: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LLC.

DECEMBER 29, 2008, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

SM
11/10/09

