

Operator BURLINGTON RESOURCES OIL & GAS COMPANY	Legal WellName MCMANUS #13R	API / UWI 3004532604	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 004-25N-008W	N/S Dist (ft) 1,810.00	N/S Ref FSL	E/W Dist (ft) 1,455.00	E/W Ref FWL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
4/1/2008	115.00	0.75	DEVIATION	MOTE
4/1/2008	215.00	0.75	DEVIATION	MOTE
4/15/2008	500.00	1.00	TEL	AZTEC
4/15/2008	1,000.00	0.50	TEL	AZTEC
4/15/2008	1,500.00	3.00	TEL	AZTEC
4/15/2008	1,750.00	0.50	TEL	AZTEC
4/15/2008	2,000.00	0.50	TEL	AZTEC
4/15/2008	2,310.00	0.25	TOTCO	AZTEC

RCVD SEP 24 '08

OIL CONS. DIV.
DIST. 3

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Tom Williams

Subscribed and sworn to me this 9/20/08

Sasha N Spangler

Notary Public in and for San Juan County, New Mexico

My Commission expires March 24th, 2012