



COP Deviation Report

LEO MANNING #100S

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName LEO MANNING #100S	API / UWI 3004534668	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 011-029N-011W-N	N/S Dist (ft) 1,129.00	N/S Ref FSL	E/W Dist (ft) 2,459.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
7/18/2008	60.00	0.50	Incl	MOTE
7/18/2008	130.00	0.75	Incl	MOTE
8/7/2008	509.00	0.50	Incl	AWS
8/7/2008	1,008.00	0.75	Incl	AWS
8/7/2008	1,500.00	1.50	Incl	AWS
8/7/2008	2,000.00	1.25	Incl	AWS
8/7/2008	2,180.00	1.25	Incl	AWS

RCVD DEC 18 '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.

Subscribed and sworn to me this 12-17-08

Notary Public in and for San Juan County, New Mexico

My Commission expires 10-9-12