



COP Deviation Report

JICARILLA D #21

Operator CONOCOPHILLIPS COMPANY	Legal WellName JICARILLA D #21	API / UWI 3003930116	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 030-026N-003W-N	N/S Dist (ft) 1,170.00	N/S Ref FSL	E/W Dist (ft) 1,590.00	E/W Ref FWL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
9/9/2009	130.00	1.00	A1SureShot	Mo-Te Drilling Inc.
9/9/2009	230.00	0.75	A1SureShot	Mo-Te Drilling Inc
9/9/2009	355.00	0.50	A1SureShot	Mo-Te Drilling Inc.
9/19/2009	516.00	1.00	TEL	H&P DRILLING
9/19/2009	997.00	2.00	TEL	H&P DRILLING
9/19/2009	1,537.00	2.00	TEL	H&P DRILLING
9/19/2009	2,032.00	1.00	TEL	H&P DRILLING
9/20/2009	2,526.00	1.00	TEL	H&P DRILLING
9/20/2009	3,021.00	1.00	TEL	H&P DRILLING
9/20/2009	3,516.00	1.00	TEL	H&P DRILLING
9/20/2009	4,079.00	1.00	TEL	H&P DRILLING
9/29/2009	6,285.00	1.00	FINAL BHS	PHOENIX

RCVD DEC 30 '09

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 Dec 29, 2009

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010