

ConocoPhillips

COP Deviation Report

HARDIE #1N

Operator CONOCOPHILLIPS COMPANY	Legal WellName HARDIE #1N	API / UWI 3004534878	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 026-029N-008W-L	N/S Dist (ft) 2,124.00	N/S Ref FSL	E/W Dist (ft) 999.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
3/23/2009	130.00	1.00	DEVIATION	MOTE
3/23/2009	230.00	1.00	DEVIATION	MOTE
3/30/2009	491.00	1.00	TEL	H&P DRLG
3/30/2009	1,003.00	1.00	TEL	H&P DRLG
3/31/2009	1,543.00	1.00	TEL	H&P DRLG
3/31/2009	2,038.00	1.00	TEL	H&P DRLG
3/31/2009	2,533.00	1.00	TEL	H&P DRLG
3/31/2009	3,028.00	1.00	TEL	H&P DRLG
4/1/2009	3,575.00	1.00	TEL	H&P DRLG
4/13/2009	7,716.00	1.00	FINAL BHS	PHOENIX

RCVD JUL 21 '09
OIL CONS. DIV.

DIST. 3

I, the undersigned, certify that I acting in my capacity as 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.

Laurie Lefler

Subscribed and sworn to me this

July 17th

Ethel Tally

Notary Public in and for San Juan County, New Mexico

My Commission expires

Oct 1, 2012