

COP Deviation Report

JICARILLA B #8N

Operator CONOCOPHILLIPS COMPANY	Legal WellName JICARILLA B #8N	API / UWI 3003930907	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 025-026N-004W-C	N/S Dist (ft) 1,105.00	N/S Ref FNL	E/W Dist (ft) 1,800.00	E/W Ref FWL

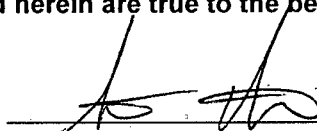
Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
11/6/2012	128.00	0.50		Inc-WL	Mo Te Drilling Inc
11/6/2012	328.00	0.50		Inc-WL	Mo Te Drilling Inc
11/7/2012	533.00	0.50		Inc-WL	Mo Te Drilling Inc
12/13/2012	989.00	2.00		Inc-MWD	Aztec Well Servicing Co Inc
12/13/2012	989.00	1.50		Inc-Drop	Aztec Well Servicing Co Inc
12/13/2012	1,250.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
12/14/2012	1,500.00	2.00		Inc-MWD	Aztec Well Servicing Co Inc
12/14/2012	1,750.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
12/14/2012	2,250.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
12/14/2012	2,706.00	2.00		Inc-MWD	Aztec Well Servicing Co Inc
12/14/2012	2,956.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
12/14/2012	3,456.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
12/15/2012	3,956.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
12/15/2012	4,456.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
12/15/2012	4,927.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
12/16/2012	5,417.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
12/17/2012	5,652.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
12/16/2012	5,652.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
12/25/2012	8,155.00	1.00		Inc-Drop	Aztec Well Servicing Co Inc

OIL CONS. DIV DIST. 3

JAN 30 2013

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 1/30/13

Aileen White

Notary Public in and for San Juan County, New Mexico

My Commission expires

5/26/15