



COP Deviation Report

FEDERAL #11M

Operator CONOCOPHILLIPS COMPANY	Legal WellName FEDERAL #11M	API / UWI 3003930673	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 023-026N-006W-I	N/S Dist (ft) 2,445.00	N/S Ref FSL	E/W Dist (ft) 785.00	E/W Ref FEL

Survey Data							Survey Company
Date	MD, (ftKB)	Incl. (°)	Azm (°)	Method			
4/9/2012	128.00	0.75	0.00	Inc-Drop			MO-TE DRILLING INC.
4/9/2012	248.00	1.00	0.00	Inc-Drop			MO-TE DRILLING INC.
4/10/2012	359.00	1.00	0.00	Inc-Drop			MO-TE DRILLING INC.
4/16/2012	500.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/16/2012	736.00	1.00	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/16/2012	1,053.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/17/2012	1,598.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/17/2012	2,082.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/17/2012	2,553.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/17/2012	3,064.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/17/2012	3,584.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/18/2012	4,064.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/18/2012	4,564.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/23/2012	5,064.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/23/2012	5,500.00	1.00	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/24/2012	6,000.00	1.00	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/24/2012	6,500.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/26/2012	7,000.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc
4/26/2012	7,318.00	0.50	0.00	Inc-MWD			Aztec Well Servicing Co Inc

RCVD JUN 28 '12

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 6/22/12

Notary Public in and for San Juan County, New Mexico

My Commission expires 7/28/14