

COP Deviation Report

HARVEY A #3N

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName HARVEY A #3N	API / UWI 3003930727	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 032-027N-007W-A	N/S Dist (ft) 710 00	N/S Ref FNL	E/W Dist (ft) 710.00	E/W Ref FEL

Date	MD (ftKB)	Incl (°)	Method	Survey Company
4/20/2011	130.00	0.75	Inc-WL	MOTE
4/20/2011	239.00	1.00	Inc-WL	MOTE
6/3/2011	450.00	1.00	Inc-MWD	Aztec Well Servicing Co Inc
6/3/2011	945.00	1.00	Inc-MWD	Aztec Well Servicing Co Inc
6/3/2011	1,440.00	1.00	Inc-MWD	Aztec Well Servicing Co Inc
6/3/2011	1,940.00	1.00	Inc-MWD	Aztec Well Servicing Co Inc
6/4/2011	2,433.00	1.00	Inc-MWD	Aztec Well Servicing Co Inc
6/4/2011	2,941.00	1.00	Inc-MWD	Aztec Well Servicing Co Inc
6/4/2011	3,436.00	1.00	Inc-MWD	Aztec Well Servicing Co Inc
6/4/2011	3,931.00	1.00	Inc-MWD	Aztec Well Servicing Co Inc
6/4/2011	4,430.00	1.00	Inc-MWD	Aztec Well Servicing Co Inc
6/4/2011	4,796.00	1.75	Inc-Drop	Aztec Well Servicing Co Inc
6/11/2011	7,390.00	1.00	Inc-WL	Phoenix Services LLC
6/9/2011	7,465.00	1.00	Inc-MWD	Aztec Well Servicing Co Inc



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 7/18/11

Mane J. Jaramillo

Notary Public in and for San Juan County, New Mexico

My Commission expires 7/28/14