



COP Deviation Report
SAN JUAN 31-6 UNIT #8N

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 31-6 UNIT #8N	API / UWI 3003930311	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 006-030N-006W	N/S Dist (ft) 2,155.00	N/S Ref FSL	E/W Dist (ft) 570.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
7/25/2008	227.00	1.80	MWD	HB
7/25/2008	289.00	1.90	MWD	HB
7/25/2008	351.00	2.10	MWD	HB
7/25/2008	413.00	2.50	MWD	HB
7/25/2008	475.00	3.10	MWD	HB
7/25/2008	537.00	4.20	MWD	HB
7/25/2008	599.00	5.00	MWD	HB
7/25/2008	662.00	6.20	MWD	HB
7/25/2008	722.00	7.50	MWD	HB
7/25/2008	783.00	8.30	MWD	HB
7/25/2008	845.00	9.40	MWD	HB
7/25/2008	909.00	10.50	MWD	HB
7/26/2008	973.00	11.70	MWD	HB
7/26/2008	1,037.00	12.90	MWD	HB
7/26/2008	1,100.00	14.10	MWD	HB
7/26/2008	1,164.00	15.00	MWD	HB
7/26/2008	1,227.00	16.20	MWD	HB
7/26/2008	1,291.00	17.30	MWD	HB
7/26/2008	1,354.00	18.10	MWD	HB
7/26/2008	1,417.00	19.30	MWD	HB
7/26/2008	1,481.00	20.70	MWD	HB
7/26/2008	1,544.00	21.50	MWD	HB
7/27/2008	1,671.00	21.90	MWD	HB
7/27/2008	1,766.00	22.20	MWD	HB
7/27/2008	1,861.00	21.80	MWD	HB
7/27/2008	1,956.00	19.60	MWD	HB
7/27/2008	2,051.00	19.60	MWD	HB
7/27/2008	2,146.00	19.40	MWD	HB
7/27/2008	2,242.00	19.70	MWD	HB
7/28/2008	2,337.00	19.50	MWD	HB
7/28/2008	2,433.00	19.70	MWD	HB
7/28/2008	2,529.00	19.90	MWD	HB
7/28/2008	2,624.00	20.40	MWD	HB

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

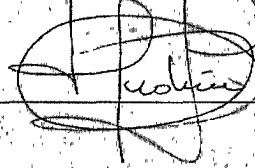
Notary Public in and for San Juan County, New Mexico

My Commission expires _____

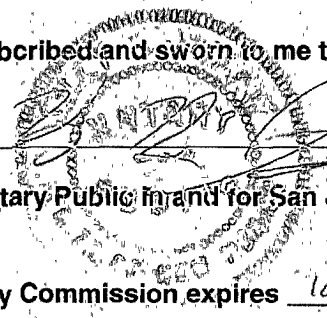
Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
7/28/2008	2,720.00	20.40	MWD	HB
7/28/2008	2,783.00	19.70	MWD	HB
7/28/2008	2,847.00	17.30	MWD	HB
7/28/2008	2,910.00	16.60	MWD	HB
7/28/2008	2,974.00	15.50	MWD	HB
7/29/2008	3,038.00	14.50	MWD	HB
7/29/2008	3,101.00	13.00	MWD	HB
7/29/2008	3,165.00	11.60	MWD	HB
7/29/2008	3,228.00	10.10	MWD	HB
7/29/2008	3,292.00	8.50	MWD	HB
7/29/2008	3,355.00	6.80	MWD	HB
7/9/2008	3,418.00	6.50	MWD	HB
7/29/2008	3,482.00	4.90	MWD	HB
7/29/2008	3,546.00	4.40	MWD	HB
7/29/2008	3,568.00	4.00	MWD	HB
7/29/2008	3,618.00	3.09	MWD	HB
8/12/2008	7,826.00	1.00	FINAL BHS	PHOENIX

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 11/7/9

 Notary Public in and for San Juan County, New Mexico

My Commission expires 10/9/12