



COP Deviation Report

HARTMAN 23 #1F

Operator BURLINGTON RESOURCES O&G CO LP	Legal WellName HARTMAN 23 #1F	API / UWI 3004533887	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location NMPM,023-030N-011W	N/S Dist (ft) 1,480.00	N/S Ref N	E/W Dist (ft) 1,540.00	E/W Ref W

Survey Data				
Date	MD (ftKB)	Incl (")	Method	Survey Company
10/30/2006	120.00	0.75	SURE SHOT	MO-TE
10/30/2006	218.00	0.50	SURE SHOT	MO-TE
11/20/2006	359.00	0.25	TELE-DRIFT	RIG
11/20/2006	454.00	0.25	TELE-DRIFT	RIG
11/20/2006	954.00	1.00	TELE-DRIFT	RIG
11/20/2006	1,416.00	0.50	TOTCO	RIG
11/21/2006	1,885.00	0.50	TOTCO	RIG
11/21/2006	2,395.00	1.50	TOTCO	RIG
11/21/2006	2,863.00	1.25	TOTCO	RIG
11/21/2006	3,363.00	0.50	TOTCO	RIG
11/22/2006	3,848.00	0.75	TOTCO	RIG
11/22/2006	4,346.00	2.25	TOTCO	RIG
12/7/2006	6,940.00	0.75	TOTCO	RIG
12/7/2006	6,955.00	0.75	PHOENIX	RIG

RCVD MAR20'07
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 19th DAY OF MARCH 2007

Notary Public in and for San Juan County, New Mexico

My Commission expires 6/24/2011