



COP Deviation Report

HELMS FEDERAL #1F

Operator BURLINGTON RESOURCES O&G CO LP	Legal WellName HELMS FEDERAL #1F	API / UWI 3004534049	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location NMPM,022-030N-010W	N/S Dist (ft) 2,610.00	N/S Ref S	E/W Dist (ft) 820.00	E/W Ref W

Survey Data					
Date	MD (ft)	Incl (")	Method	Survey Company	
1/19/2007	120.00	0.50	SURE SHOT	MO-TE	
1/20/2007	230.00	1.00	SURE SHOT	MO-TE	
2/23/2007	700.00	1.00	TELEDIFT	PATTERSON	
2/23/2007	1,195.00	1.00	TELEDIFT	PATTERSON	
2/23/2007	1,693.00	1.00	TELEDIFT	PATTERSON	
2/23/2007	2,220.00	1.00	TELEDIFT	PATTERSON	
2/24/2007	2,725.00	2.00	TELEDIFT	PATTERSON	
2/24/2007	3,071.00	1.00	TELEDIFT	PATTERSON	
3/7/2007	7,353.00	1.75	TELEDIFT	PHOENIX	

RCVD MAR23'07

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 21ST DAY OF MARCH 2007

Notary Public in and for San Juan County, New Mexico

My Commission expires Jun 24, 2011