

COP Deviation Report
SAN JUAN 32-8 UNIT #16M

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/25/2006	2,616.00	16.80	MWD	Scientific Drilling
10/25/2006	2,676.00	14.69	MWD	Scientific Drilling
10/25/2006	2,739.00	11.36	MWD	Scientific Drilling
10/26/2006	2,802.00	10.41	MWD	Scientific Drilling
10/26/2006	2,864.00	8.41	MWD	Scientific Drilling
10/26/2006	2,927.00	6.69	MWD	Scientific Drilling
10/26/2006	2,989.00	4.82	MWD	Scientific Drilling
10/26/2006	3,021.00	4.31	MWD	Scientific Drilling
10/26/2006	3,052.00	3.91	MWD	Scientific Drilling
10/27/2006	3,147.00	2.75	TOTCO	Scientific Drilling
10/30/2006	3,873.00	1.25	TOTCO	
10/27/2006	3,873.00	1.25	TOTCO	Scientific Drilling
11/15/2006	8,170.00	2.25	TOTCO	Phoenix

RCVD OCT 3 '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 12TH DAY OF SEPTEMBER 2007



Notary Public in and for San Juan County, New Mexico

My Commission expires Jan 24, 2011

COP Deviation Report
SAN JUAN 32-8 UNIT #16M

Operator CONOCOPHILLIPS CO	Legal WellName SAN JUAN 32-8 UNIT #16M	API / UWI 300453369900	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location NMPM-31N-08W-15-D		N/S Dist (ft) 1,090.00	N/S Ref N	E/W Dist (ft) 1,080.00
				E/W Ref W

Survey Data					
Date	MD (ftKB)	Incl. (°)	Method	Survey Company	
10/19/2006	120.00	0.50	A1SURSHOT	MOTE DRLG INC	
10/19/2006	240.00	0.75	A1SURSHOT	MOTE DRLG INC	
10/23/2006	438.00	1.00	TOTCO / WL	RIG	
10/23/2006	518.00	1.22	MWD	Scientific Drilling	
10/23/2006	623.00	1.00	TOTCO / WL	RIG	
10/23/2006	759.00	1.82	MWD	Scientific Drilling	
10/23/2006	803.00	2.00	TOTCO / WL	RIG	
10/23/2006	943.00	2.42	MWD	Scientific Drilling	
10/23/2006	996.00	2.00	TOTCO	RIG	
10/24/2006	1,005.00	2.79	MWD	Scientific Drilling	
10/24/2006	1,068.00	4.05	MWD	Scientific Drilling	
10/24/2006	1,131.00	5.00	MWD	Scientific Drilling	
10/24/2006	1,193.00	5.85	MWD	Scientific Drilling	
10/24/2006	1,256.00	7.38	MWD	Scientific Drilling	
10/24/2006	1,319.00	9.16	MWD	Scientific Drilling	
10/24/2006	1,379.00	9.70	MWD	Scientific Drilling	
10/24/2006	1,441.00	10.39	MWD	Scientific Drilling	
10/24/2006	1,504.00	12.66	MWD	Scientific Drilling	
10/24/2006	1,567.00	15.52	MWD	Scientific Drilling	
10/24/2006	1,629.00	17.43	MWD	Scientific Drilling	
10/24/2006	1,691.00	19.45	MWD	Scientific Drilling	
10/24/2006	1,722.00	20.07	MWD	Scientific Drilling	
10/24/2006	1,753.00	20.40	MWD	Scientific Drilling	
10/24/2006	1,815.00	21.52	MWD	Scientific Drilling	
10/25/2006	1,875.00	21.47	MWD	Scientific Drilling	
10/25/2006	1,938.00	21.13	MWD	Scientific Drilling	
10/25/2006	1,998.00	21.16	MWD	Scientific Drilling	
10/25/2006	2,061.00	20.93	MWD	Scientific Drilling	
10/25/2006	2,122.00	21.48	MWD	Scientific Drilling	
10/25/2006	2,182.00	22.59	MWD	Scientific Drilling	
10/25/2006	2,243.00	22.50	MWD	Scientific Drilling	
10/25/2006	2,305.00	21.97	MWD	Scientific Drilling	
10/25/2006	2,366.00	21.57	MWD	Scientific Drilling	
10/25/2006	2,429.00	20.88	MWD	Scientific Drilling	
10/25/2006	2,491.00	19.35	MWD	Scientific Drilling	
10/25/2006	2,554.00	18.26	MWD	Scientific Drilling	

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 _____