

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
10/16/2007	4,900.00	0.44	Gyro MS	Scientific Drilling	
10/16/2007	5,000.00	0.32	Gyro MS	Scientific Drilling	
10/16/2007	5,100.00	0.40	Gyro MS	Scientific Drilling	
10/16/2007	5,200.00	0.43	Gyro MS	Scientific Drilling	
10/16/2007	5,300.00	0.53	Gyro MS	Scientific Drilling	
10/16/2007	5,400.00	0.90	Gyro MS	Scientific Drilling	
10/16/2007	5,500.00	0.79	Gyro MS	Scientific Drilling	
10/16/2007	5,600.00	0.57	Gyro MS	Scientific Drilling	
10/16/2007	5,700.00	0.61	Gyro MS	Scientific Drilling	
10/16/2007	5,800.00	0.52	Gyro MS	Scientific Drilling	
10/16/2007	5,900.00	0.55	Gyro MS	Scientific Drilling	
10/16/2007	6,000.00	0.48	Gyro MS	Scientific Drilling	
10/16/2007	6,100.00	0.39	Gyro MS	Scientific Drilling	
10/16/2007	6,200.00	0.28	Gyro MS	Scientific Drilling	
10/16/2007	6,300.00	0.15	Gyro MS	Scientific Drilling	
10/16/2007	6,400.00	0.22	Gyro MS	Scientific Drilling	
10/16/2007	6,500.00	0.25	Gyro MS	Scientific Drilling	
10/16/2007	6,600.00	0.31	Gyro MS	Scientific Drilling	
10/16/2007	6,700.00	0.17	Gyro MS	Scientific Drilling	
10/16/2007	6,800.00	0.21	Gyro MS	Scientific Drilling	
10/16/2007	6,900.00	0.29	Gyro MS	Scientific Drilling	
10/16/2007	7,000.00	0.43	Gyro MS	Scientific Drilling	
10/16/2007	7,100.00	0.96	Gyro MS	Scientific Drilling	
10/16/2007	7,200.00	1.08	Gyro MS	Scientific Drilling	
10/16/2007	7,300.00	1.83	Gyro MS	Scientific Drilling	
10/16/2007	7,400.00	0.71	Gyro MS	Scientific Drilling	
10/16/2007	7,500.00	0.61	Gyro MS	Scientific Drilling	
10/16/2007	7,600.00	0.59	Gyro MS	Scientific Drilling	
10/16/2007	7,700.00	0.27	Gyro MS	Scientific Drilling	
10/16/2007	7,730.00	0.58	Gyro MS	Scientific Drilling	
10/14/2007	7,755.00	1.00	FINAL BHS	PHOENIX	

RCVD JUL 10 '08
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 7-8-08

Shonda S. Rogers

Notary Public in and for San Juan County, New Mexico

My Commission expires January 10, 2011



COP Deviation Report
SAN JUAN 30-5 UNIT #78N

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
10/16/2007	2,500.00	5.66	Gyro MS	Scientific Drilling	
10/6/2007	2,557.00	6.00	TEL		
10/16/2007	2,600.00	6.71	Gyro MS	Scientific Drilling	
10/6/2007	2,600.00	5.50	TEL		
10/6/2007	2,645.00	5.50	TEL		
10/6/2007	2,690.00	4.00	TEL		
10/16/2007	2,700.00	7.25	Gyro MS	Scientific Drilling	
10/6/2007	2,735.00	5.50	TEL		
10/6/2007	2,782.00	5.00	TEL		
10/16/2007	2,800.00	7.83	Gyro MS	Scientific Drilling	
10/6/2007	2,873.00	6.50	TEL		
10/16/2007	2,900.00	8.55	Gyro MS	Scientific Drilling	
10/6/2007	2,918.00	4.00	TEL		
10/16/2007	3,000.00	8.62	Gyro MS	Scientific Drilling	
10/7/2007	3,009.00	6.00	TEL		
10/7/2007	3,100.00	5.50	TEL		
10/16/2007	3,100.00	9.06	Gyro MS	Scientific Drilling	
10/7/2007	3,190.00	5.50	TEL		
10/16/2007	3,200.00	10.17	Gyro MS	Scientific Drilling	
10/7/2007	3,280.00	5.00	TEL		
10/16/2007	3,300.00	10.79	Gyro MS	Scientific Drilling	
10/16/2007	3,400.00	11.27	Gyro MS	Scientific Drilling	
10/7/2007	3,416.00	12.00	TEL		
10/7/2007	3,437.00	12.00	TEL		
10/16/2007	3,500.00	9.73	Gyro MS	Scientific Drilling	
10/16/2007	3,600.00	6.45	Gyro MS	Scientific Drilling	
10/16/2007	3,700.00	3.45	Gyro MS	Scientific Drilling	
10/9/2007	3,732.00	3.00	Incl	H&P 282	
10/16/2007	3,800.00	2.04	Gyro MS	Scientific Drilling	
10/16/2007	3,900.00	1.26	Gyro MS	Scientific Drilling	
10/16/2007	4,000.00	0.95	Gyro MS	Scientific Drilling	
10/16/2007	4,100.00	0.59	Gyro MS	Scientific Drilling	
10/16/2007	4,200.00	0.35	Gyro MS	Scientific Drilling	
10/16/2007	4,300.00	0.27	Gyro MS	Scientific Drilling	
10/16/2007	4,400.00	0.35	Gyro MS	Scientific Drilling	
10/16/2007	4,500.00	0.25	Gyro MS	Scientific Drilling	
10/16/2007	4,600.00	0.31	Gyro MS	Scientific Drilling	
10/16/2007	4,700.00	0.20	Gyro MS	Scientific Drilling	
10/16/2007	4,800.00	0.45	Gyro MS	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 _____

COP Deviation Report

ConocoPhillips

SAN JUAN 30-5 UNIT #78N

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 30-5 UNIT #78N	API / UWI 3003930255	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:07;TWN:030N;RNG:005W	N/S Dist (ft) 675.00	N/S Ref FSL	E/W Dist (ft) 2,075.00	E/W Ref FEL

Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/16/2007	0.00	0.00	Gyro MS	Scientific Drilling
10/16/2007	100.00	0.14	Gyro MS	Scientific Drilling
10/1/2007	120.00	0.75	A1SureShot	Mo-Te Drilling Inc.
10/16/2007	200.00	0.27	Gyro MS	Scientific Drilling
10/1/2007	220.00	0.75	A1SureShot	Mo-Te Drilling Inc.
10/16/2007	300.00	0.41	Gyro MS	Scientific Drilling
10/4/2007	320.00	2.00	TEL	
10/16/2007	400.00	0.47	Gyro MS	Scientific Drilling
10/16/2007	500.00	0.53	Gyro MS	Scientific Drilling
10/4/2007	535.00	1.00	TEL	
10/16/2007	600.00	0.60	Gyro MS	Scientific Drilling
10/16/2007	700.00	0.58	Gyro MS	Scientific Drilling
10/16/2007	800.00	0.79	Gyro MS	Scientific Drilling
10/4/2007	825.00	2.00	TEL	
10/16/2007	900.00	0.93	Gyro MS	Scientific Drilling
10/16/2007	1,000.00	1.20	Gyro MS	Scientific Drilling
10/4/2007	1,023.00	1.00	TEL	
10/16/2007	1,100.00	1.24	Gyro MS	Scientific Drilling
10/16/2007	1,200.00	1.80	Gyro MS	Scientific Drilling
10/5/2007	1,293.00	1.00	TEL	
10/16/2007	1,300.00	1.92	Gyro MS	Scientific Drilling
10/16/2007	1,400.00	1.74	Gyro MS	Scientific Drilling
10/16/2007	1,500.00	1.84	Gyro MS	Scientific Drilling
10/5/2007	1,520.00	1.00	TEL	
10/16/2007	1,600.00	2.56	Gyro MS	Scientific Drilling
10/16/2007	1,700.00	2.97	Gyro MS	Scientific Drilling
10/5/2007	1,786.00	2.00	TEL	
10/16/2007	1,800.00	3.50	Gyro MS	Scientific Drilling
10/16/2007	1,900.00	4.36	Gyro MS	Scientific Drilling
10/16/2007	2,000.00	4.56	Gyro MS	Scientific Drilling
10/5/2007	2,055.00	3.50	TEL	
10/16/2007	2,100.00	4.80	Gyro MS	Scientific Drilling
10/16/2007	2,200.00	4.50	Gyro MS	Scientific Drilling
10/5/2007	2,287.00	3.00	TEL	
10/16/2007	2,300.00	4.42	Gyro MS	Scientific Drilling
10/16/2007	2,400.00	4.77	Gyro MS	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 _____