

COP Deviation Report
SAN JUAN 28-7 UNIT #223F

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
4/20/2007	6,516.00	0.52	Gyro MS	Scientific Drilling
4/20/2007	6,616.00	0.25	Gyro MS	Scientific Drilling
4/20/2007	6,716.00	0.52	Gyro MS	Scientific Drilling
4/20/2007	6,816.00	0.25	Gyro MS	Scientific Drilling
4/20/2007	6,916.00	0.10	Gyro MS	Scientific Drilling
4/20/2007	7,016.00	0.35	Gyro MS	Scientific Drilling
4/20/2007	7,116.00	0.95	Gyro MS	Scientific Drilling
4/20/2007	7,216.00	3.11	Gyro MS	Scientific Drilling
4/20/2007	7,316.00	2.64	Gyro MS	Scientific Drilling
4/20/2007	7,416.00	1.03	Gyro MS	Scientific Drilling
4/20/2007	7,516.00	0.97	Gyro MS	Scientific Drilling
4/20/2007	7,616.00	0.70	Gyro MS	Scientific Drilling
4/20/2007	7,716.00	0.55	Gyro MS	Scientific Drilling
4/20/2007	7,780.00	0.66	Gyro MS	Scientific Drilling
3/29/2007	7,817.00	0.50	TOTCO	

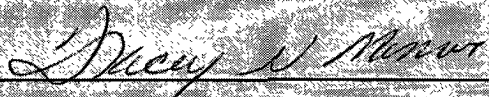
RCVD AUG 29 '07
OIL CONS. DIV.

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 29TH DAY OF AUGUST 2007



Notary Public in and for San Juan County, New Mexico

My Commission expires Jan 24 2011

**COP Deviation Report
SAN JUAN 28-7 UNIT #223F**

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
4/20/2007	2,816.00	0.46	Gyro MS	Scientific Drilling
4/20/2007	2,916.00	0.48	Gyro MS	Scientific Drilling
4/20/2007	3,016.00	0.45	Gyro MS	Scientific Drilling
4/20/2007	3,116.00	0.80	Gyro MS	Scientific Drilling
3/20/2007	3,182.00	1.00	TELEDRIFT	
4/20/2007	3,216.00	1.13	Gyro MS	Scientific Drilling
4/20/2007	3,316.00	1.39	Gyro MS	Scientific Drilling
4/20/2007	3,416.00	1.54	Gyro MS	Scientific Drilling
4/20/2007	3,516.00	1.63	Gyro MS	Scientific Drilling
4/20/2007	3,616.00	2.00	Gyro MS	Scientific Drilling
3/20/2007	3,620.00	1.00	TELEDRIFT	
4/20/2007	3,716.00	1.85	Gyro MS	Scientific Drilling
4/20/2007	3,816.00	1.20	Gyro MS	Scientific Drilling
4/20/2007	3,916.00	0.79	Gyro MS	Scientific Drilling
4/20/2007	4,016.00	0.45	Gyro MS	Scientific Drilling
4/20/2007	4,116.00	0.50	Gyro MS	Scientific Drilling
4/20/2007	4,216.00	0.45	Gyro MS	Scientific Drilling
4/20/2007	4,316.00	0.48	Gyro MS	Scientific Drilling
4/20/2007	4,416.00	0.60	Gyro MS	Scientific Drilling
4/20/2007	4,516.00	0.51	Gyro MS	Scientific Drilling
4/20/2007	4,616.00	0.35	Gyro MS	Scientific Drilling
4/20/2007	4,716.00	0.38	Gyro MS	Scientific Drilling
4/20/2007	4,816.00	0.43	Gyro MS	Scientific Drilling
4/20/2007	4,916.00	0.47	Gyro MS	Scientific Drilling
4/20/2007	5,016.00	0.58	Gyro MS	Scientific Drilling
4/20/2007	5,116.00	0.54	Gyro MS	Scientific Drilling
4/20/2007	5,216.00	0.49	Gyro MS	Scientific Drilling
4/20/2007	5,316.00	0.71	Gyro MS	Scientific Drilling
4/20/2007	5,416.00	1.11	Gyro MS	Scientific Drilling
4/20/2007	5,516.00	1.10	Gyro MS	Scientific Drilling
4/20/2007	5,616.00	0.63	Gyro MS	Scientific Drilling
4/20/2007	5,716.00	0.47	Gyro MS	Scientific Drilling
4/20/2007	5,816.00	0.49	Gyro MS	Scientific Drilling
4/20/2007	5,916.00	0.54	Gyro MS	Scientific Drilling
4/20/2007	6,016.00	0.55	Gyro MS	Scientific Drilling
4/20/2007	6,116.00	0.54	Gyro MS	Scientific Drilling
4/20/2007	6,216.00	0.72	Gyro MS	Scientific Drilling
4/20/2007	6,316.00	1.11	Gyro MS	Scientific Drilling
4/20/2007	6,416.00	1.02	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
SAN JUAN 28-7 UNIT #223F

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 28-7 UNIT #223F	API / UWI 3003927257	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location NMPM, 026-028N-007W		N/S Dist (ft) 15.00	N/S Ref N	E/W Dist (ft) 2,435.00
				E/W Ref E

Survey Data				
Date	MD (ftKB)	Incl. (°)	Method	Survey Company
4/20/2007	16.00	0.00	Gyro MS	Scientific Drilling
3/7/2007	100.00	0.25	SURE SHOT	MO-TE
4/20/2007	116.00	0.76	Gyro MS	Scientific Drilling
4/20/2007	216.00	1.62	Gyro MS	Scientific Drilling
3/7/2007	220.00	1.50	SURE SHOT	MO-TE
4/20/2007	316.00	1.66	Gyro MS	Scientific Drilling
4/20/2007	416.00	1.69	Gyro MS	Scientific Drilling
3/19/2007	426.00	1.00	TELEDRIFT	
4/20/2007	516.00	1.69	Gyro MS	Scientific Drilling
4/20/2007	616.00	1.73	Gyro MS	Scientific Drilling
4/20/2007	716.00	1.62	Gyro MS	Scientific Drilling
3/19/2007	741.00	1.00	TELEDRIFT	
4/20/2007	816.00	1.53	Gyro MS	Scientific Drilling
4/20/2007	916.00	1.47	Gyro MS	Scientific Drilling
4/20/2007	1,016.00	1.38	Gyro MS	Scientific Drilling
4/20/2007	1,116.00	1.29	Gyro MS	Scientific Drilling
3/19/2007	1,207.00	1.00	TELEDRIFT	
4/20/2007	1,216.00	1.11	Gyro MS	Scientific Drilling
4/20/2007	1,316.00	1.00	Gyro MS	Scientific Drilling
4/20/2007	1,416.00	1.11	Gyro MS	Scientific Drilling
4/20/2007	1,516.00	0.94	Gyro MS	Scientific Drilling
4/20/2007	1,616.00	1.25	Gyro MS	Scientific Drilling
4/20/2007	1,716.00	1.42	Gyro MS	Scientific Drilling
3/20/2007	1,791.00	1.00	TELEDRIFT	
4/20/2007	1,816.00	1.62	Gyro MS	Scientific Drilling
4/20/2007	1,916.00	1.52	Gyro MS	Scientific Drilling
4/20/2007	2,016.00	1.35	Gyro MS	Scientific Drilling
4/20/2007	2,116.00	1.31	Gyro MS	Scientific Drilling
3/20/2007	2,200.00	1.00	TELEDRIFT	
4/20/2007	2,216.00	1.22	Gyro MS	Scientific Drilling
4/20/2007	2,316.00	1.28	Gyro MS	Scientific Drilling
4/20/2007	2,416.00	0.97	Gyro MS	Scientific Drilling
4/20/2007	2,516.00	0.62	Gyro MS	Scientific Drilling
4/20/2007	2,616.00	0.69	Gyro MS	Scientific Drilling
3/20/2007	2,641.00	1.00	TELEDRIFT	
4/20/2007	2,716.00	0.41	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 _____