

COP Deviation Report
SAN JUAN 28-7 UNIT #194F

Survey Data

Date	MD (ftKB)	Incl. (°)	Method	Survey Company
4/27/2007	2,385.00	22.35	MWD	Scientific Drilling
4/27/2007	2,447.00	22.61	MWD	Scientific Drilling
4/27/2007	2,511.00	22.78	MWD	Scientific Drilling
4/27/2007	2,573.00	22.32	MWD	Scientific Drilling
4/27/2007	2,636.00	22.32	MWD	Scientific Drilling
4/27/2007	2,700.00	21.60	MWD	Scientific Drilling
4/27/2007	2,763.00	21.88	MWD	Scientific Drilling
4/27/2007	2,825.00	21.03	MWD	Scientific Drilling
4/27/2007	2,889.00	22.35	MWD	Scientific Drilling
4/28/2007	2,952.00	21.67	MWD	Scientific Drilling
4/28/2007	3,015.00	22.65	MWD	Scientific Drilling
4/28/2007	3,079.00	22.78	MWD	Scientific Drilling
4/28/2007	3,142.00	22.56	MWD	Scientific Drilling
4/28/2007	3,204.00	21.89	MWD	Scientific Drilling
4/28/2007	3,268.00	20.17	MWD	Scientific Drilling
4/28/2007	3,331.00	18.57	MWD	Scientific Drilling
4/28/2007	3,394.00	18.19	MWD	Scientific Drilling
4/28/2007	3,457.00	17.03	MWD	Scientific Drilling
4/28/2007	3,519.00	15.85	MWD	Scientific Drilling
4/28/2007	3,581.00	15.10	MWD	Scientific Drilling
4/28/2007	3,645.00	14.91	MWD	Scientific Drilling
4/28/2007	3,706.00	13.84	MWD	Scientific Drilling
4/28/2007	3,768.00	12.73	MWD	Scientific Drilling
4/28/2007	3,832.00	11.35	MWD	Scientific Drilling
4/28/2007	3,895.00	8.31	MWD	Scientific Drilling
4/28/2007	3,957.00	6.77	MWD	Scientific Drilling
4/28/2007	4,018.00	6.03	MWD	Scientific Drilling
4/28/2007	4,082.00	3.89	MWD	Scientific Drilling
4/28/2007	4,129.00	2.32	MWD	Scientific Drilling
5/19/2007	7,492.00	1.00		PHOENIX

RCVD SEP 7 '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

Macey W. Munoz

Notary Public in and for San Juan County, New Mexico

My Commission expires Jan 24, 2011

COP Deviation Report

SAN JUAN 28-7 UNIT #194F

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 28-7 UNIT #194F	API / UWI 3003930200	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:21;TWN:028N;RNG:007W	N/S Dist (ft) 1,015.00	N/S Ref FNL	E/W Dist (ft) 1,495.00	E/W Ref FEL

Survey Data				
Date	MD (ftKB)	Incl. (°)	Method	Survey Company
4/18/2007	130.00	0.50	SURE SHOT	MO TE DRLG INC
4/18/2007	220.00	0.50	SURE SHOT	MO TE DRLG INC
4/25/2007	263.00	0.79	MWD	Scientific Drilling
4/25/2007	323.00	0.48	MWD	Scientific Drilling
4/25/2007	385.00	1.60	MWD	Scientific Drilling
4/25/2007	444.00	3.77	MWD	Scientific Drilling
4/25/2007	506.00	6.12	MWD	Scientific Drilling
4/25/2007	557.00	8.19	MWD	Scientific Drilling
4/25/2007	629.00	11.49	MWD	Scientific Drilling
4/25/2007	690.00	13.91	MWD	Scientific Drilling
4/25/2007	753.00	16.46	MWD	Scientific Drilling
4/25/2007	814.00	18.89	MWD	Scientific Drilling
4/25/2007	876.00	21.81	MWD	Scientific Drilling
4/25/2007	940.00	23.93	MWD	Scientific Drilling
4/25/2007	1,003.00	24.27	MWD	Scientific Drilling
4/25/2007	1,065.00	24.54	MWD	Scientific Drilling
4/25/2007	1,128.00	24.96	MWD	Scientific Drilling
4/25/2007	1,191.00	24.68	MWD	Scientific Drilling
4/25/2007	1,253.00	24.77	MWD	Scientific Drilling
4/25/2007	1,317.00	25.11	MWD	Scientific Drilling
4/25/2007	1,379.00	24.52	MWD	Scientific Drilling
4/25/2007	1,442.00	23.06	MWD	Scientific Drilling
4/25/2007	1,506.00	23.20	MWD	Scientific Drilling
4/25/2007	1,570.00	23.43	MWD	Scientific Drilling
4/26/2007	1,632.00	23.66	MWD	Scientific Drilling
4/27/2007	1,694.00	23.82	MWD	Scientific Drilling
4/27/2007	1,757.00	24.14	MWD	Scientific Drilling
4/27/2007	1,819.00	24.63	MWD	Scientific Drilling
4/27/2007	1,882.00	23.28	MWD	Scientific Drilling
4/27/2007	1,945.00	23.67	MWD	Scientific Drilling
4/27/2007	2,009.00	23.05	MWD	Scientific Drilling
4/27/2007	2,073.00	21.78	MWD	Scientific Drilling
4/27/2007	2,136.00	22.03	MWD	Scientific Drilling
4/27/2007	2,197.00	22.18	MWD	Scientific Drilling
4/27/2007	2,260.00	22.30	MWD	Scientific Drilling
4/27/2007	2,323.00	22.10	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 _____