



COP Deviation Report
SAN JUAN 28-5 UNIT #91N

Operator BURLINGTON RESOURCES OIL & GAS COMPANY	Legal WellName SAN JUAN 28-5 UNIT #91N	API / UWI 3003930446	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 014-028N-005W-E	N/S Dist (ft) 1,425.00	N/S Ref FNL	E/W Dist (ft) 910.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
8/11/2008	145.00	1.50	Inc-Drop	MOTE
8/11/2008	270.00	2.00	Inc-Drop	MOTE
7/28/2009	305.00	2.43	MWD	Scientific Drilling
7/28/2009	335.00	1.84	MWD	Scientific Drilling
7/28/2009	366.00	1.18	MWD	Scientific Drilling
7/28/2009	397.00	0.42	MWD	Scientific Drilling
7/28/2009	428.00	0.94	MWD	Scientific Drilling
7/28/2009	459.00	1.92	MWD	Scientific Drilling
7/28/2009	489.00	2.83	MWD	Scientific Drilling
7/28/2009	520.00	3.64	MWD	Scientific Drilling
7/28/2009	550.00	4.28	MWD	Scientific Drilling
7/28/2009	580.00	5.31	MWD	Scientific Drilling
7/28/2009	611.00	6.23	MWD	Scientific Drilling
7/28/2009	641.00	7.52	MWD	Scientific Drilling
7/28/2009	672.00	8.26	MWD	Scientific Drilling
7/28/2009	703.00	8.98	MWD	Scientific Drilling
7/28/2009	734.00	10.13	MWD	Scientific Drilling
7/28/2009	765.00	11.12	MWD	Scientific Drilling
7/28/2009	796.00	12.03	MWD	Scientific Drilling
7/28/2009	827.00	13.11	MWD	Scientific Drilling
7/28/2009	857.00	14.09	MWD	Scientific Drilling
7/28/2009	888.00	15.52	MWD	Scientific Drilling
7/28/2009	919.00	16.07	MWD	Scientific Drilling
7/28/2009	950.00	17.24	MWD	Scientific Drilling
7/28/2009	981.00	18.23	MWD	Scientific Drilling
7/28/2009	1,012.00	19.44	MWD	Scientific Drilling
7/28/2009	1,045.00	20.29	MWD	Scientific Drilling
7/28/2009	1,077.00	20.84	MWD	Scientific Drilling
7/28/2009	1,108.00	21.64	MWD	Scientific Drilling
7/29/2009	1,171.00	22.14	MWD	Scientific Drilling
7/29/2009	1,234.00	22.33	MWD	Scientific Drilling
7/29/2009	1,297.00	22.91	MWD	Scientific Drilling
7/29/2009	1,360.00	23.72	MWD	Scientific Drilling
7/29/2009	1,423.00	24.45	MWD	Scientific Drilling
7/29/2009	1,486.00	24.49	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 _____

RCVD DEC 2 10 09

REC. CONE. DIST.

DIST. 3

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

COP Deviation Report

SAN JUAN 28-5 UNIT #91N

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
7/29/2009	1,549.00	24.71	MWD	Scientific Drilling
7/29/2009	1,612.00	25.43	MWD	Scientific Drilling
7/29/2009	1,675.00	25.40	MWD	Scientific Drilling
7/29/2009	1,738.00	24.69	MWD	Scientific Drilling
7/29/2009	1,801.00	22.89	MWD	Scientific Drilling
7/29/2009	1,864.00	23.24	MWD	Scientific Drilling
7/29/2009	1,927.00	23.57	MWD	Scientific Drilling
7/29/2009	1,989.00	23.90	MWD	Scientific Drilling
7/29/2009	2,052.00	24.65	MWD	Scientific Drilling
7/29/2009	2,115.00	24.92	MWD	Scientific Drilling
7/29/2009	2,179.00	24.79	MWD	Scientific Drilling
7/29/2009	2,242.00	24.71	MWD	Scientific Drilling
7/29/2009	2,305.00	25.19	MWD	Scientific Drilling
7/29/2009	2,368.00	24.85	MWD	Scientific Drilling
7/29/2009	2,431.00	25.10	MWD	Scientific Drilling
7/29/2009	2,493.00	24.67	MWD	Scientific Drilling
7/29/2009	2,556.00	23.49	MWD	Scientific Drilling
7/29/2009	2,619.00	23.19	MWD	Scientific Drilling
7/29/2009	2,682.00	23.00	MWD	Scientific Drilling
7/29/2009	2,746.00	22.60	MWD	Scientific Drilling
7/29/2009	2,809.00	22.63	MWD	Scientific Drilling
7/30/2009	2,872.00	22.69	MWD	Scientific Drilling
7/30/2009	2,935.00	22.47	MWD	Scientific Drilling
7/30/2009	2,998.00	22.43	MWD	Scientific Drilling
7/30/2009	3,060.00	22.65	MWD	Scientific Drilling
7/30/2009	3,124.00	22.40	MWD	Scientific Drilling
7/30/2009	3,186.00	22.18	MWD	Scientific Drilling
7/30/2009	3,250.00	22.09	MWD	Scientific Drilling
7/30/2009	3,313.00	22.10	MWD	Scientific Drilling
7/30/2009	3,376.00	21.82	MWD	Scientific Drilling
7/30/2009	3,439.00	22.15	MWD	Scientific Drilling
7/30/2009	3,502.00	22.52	MWD	Scientific Drilling
7/30/2009	3,565.00	22.80	MWD	Scientific Drilling
7/30/2009	3,596.00	23.27	MWD	Scientific Drilling
7/30/2009	3,628.00	22.86	MWD	Scientific Drilling
7/30/2009	3,660.00	21.50	MWD	Scientific Drilling
7/30/2009	3,692.00	20.69	MWD	Scientific Drilling
7/30/2009	3,723.00	19.76	MWD	Scientific Drilling
7/30/2009	3,755.00	19.59	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 _____

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
7/30/2009	3,786.00	18.90	MWD	Scientific Drilling
7/30/2009	3,818.00	18.22	MWD	Scientific Drilling
7/30/2009	3,849.00	17.98	MWD	Scientific Drilling
7/30/2009	3,880.00	16.79	MWD	Scientific Drilling
7/30/2009	3,912.00	16.09	MWD	Scientific Drilling
7/30/2009	3,943.00	14.98	MWD	Scientific Drilling
7/30/2009	3,974.00	13.39	MWD	Scientific Drilling
7/30/2009	4,006.00	11.96	MWD	Scientific Drilling
7/30/2009	4,037.00	11.22	MWD	Scientific Drilling
7/30/2009	4,069.00	10.74	MWD	Scientific Drilling
7/31/2009	4,101.00	9.72	MWD	Scientific Drilling
7/31/2009	4,132.00	8.73	MWD	Scientific Drilling
7/31/2009	4,164.00	7.96	MWD	Scientific Drilling
7/31/2009	4,194.00	7.31	MWD	Scientific Drilling
7/31/2009	4,227.00	7.32	MWD	Scientific Drilling
7/31/2009	4,259.00	7.16	MWD	Scientific Drilling
7/31/2009	4,290.00	6.89	MWD	Scientific Drilling
7/31/2009	4,321.00	6.35	MWD	Scientific Drilling
7/31/2009	4,353.00	5.72	MWD	Scientific Drilling
7/31/2009	4,384.00	5.26	MWD	Scientific Drilling
7/31/2009	4,412.00	4.40	MWD	Scientific Drilling
8/17/2009	8,505.00	1.00	Inc-WL	PHOENIX

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.

[Signature]

Subscribed and sworn to me this Nov 30, 2009

[Signature]

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010