

COP Deviation Report
SAN JUAN 29-7 UNIT #105E

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
12/10/2008	4,608.00	7.21	MWD	Scientific Drilling
12/10/2008	4,639.00	5.96	MWD	Scientific Drilling
12/10/2008	4,670.00	4.58	MWD	Scientific Drilling
12/10/2008	4,725.00	2.95	MWD	Scientific Drilling
12/15/2008	4,740.00		Extrap.	Scientific Drilling
4/9/2009	7,974.00	0.75	FINAL BHS	PHOENIX

4/30/09

RCVD APR 16 '09

OIL CONS. DIV.
DIST. 3

I, the undersigned, certify that I acting in my capacity as SR 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 15th April

James L. Goodwin

Notary Public in and for San Juan County, New Mexico

My Commission expires

Feb 28, 2012

COP Deviation Report SAN JUAN 29-7 UNIT #105E

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
12/10/2008	3,379.00	19.79	MWD	Scientific Drilling	
12/10/2008	3,410.00	20.00	MWD	Scientific Drilling	
12/10/2008	3,441.00	19.12	MWD	Scientific Drilling	
12/10/2008	3,473.00	18.57	MWD	Scientific Drilling	
12/10/2008	3,504.00	18.13	MWD	Scientific Drilling	
12/10/2008	3,535.00	18.42	MWD	Scientific Drilling	
12/10/2008	3,567.00	19.59	MWD	Scientific Drilling	
12/10/2008	3,599.00	20.84	MWD	Scientific Drilling	
12/10/2008	3,631.00	20.94	MWD	Scientific Drilling	
12/10/2008	3,662.00	20.55	MWD	Scientific Drilling	
12/10/2008	3,694.00	20.45	MWD	Scientific Drilling	
12/10/2008	3,725.00	20.04	MWD	Scientific Drilling	
12/10/2008	3,757.00	20.09	MWD	Scientific Drilling	
12/10/2008	3,788.00	19.31	MWD	Scientific Drilling	
12/10/2008	3,820.00	19.04	MWD	Scientific Drilling	
12/10/2008	3,851.00	18.06	MWD	Scientific Drilling	
12/10/2008	3,883.00	17.45	MWD	Scientific Drilling	
12/10/2008	3,915.00	17.14	MWD	Scientific Drilling	
12/10/2008	3,947.00	16.57	MWD	Scientific Drilling	
12/10/2008	3,979.00	14.85	MWD	Scientific Drilling	
12/10/2008	4,010.00	12.90	MWD	Scientific Drilling	
12/10/2008	4,042.00	12.14	MWD	Scientific Drilling	
12/10/2008	4,074.00	12.08	MWD	Scientific Drilling	
12/10/2008	4,105.00	12.13	MWD	Scientific Drilling	
12/10/2008	4,135.00	12.05	MWD	Scientific Drilling	
12/10/2008	4,167.00	11.92	MWD	Scientific Drilling	
12/10/2008	4,198.00	11.88	MWD	Scientific Drilling	
12/10/2008	4,230.00	11.68	MWD	Scientific Drilling	
12/10/2008	4,262.00	11.92	MWD	Scientific Drilling	
12/10/2008	4,294.00	12.34	MWD	Scientific Drilling	
12/10/2008	4,325.00	13.04	MWD	Scientific Drilling	
12/10/2008	4,357.00	12.51	MWD	Scientific Drilling	
12/10/2008	4,389.00	10.95	MWD	Scientific Drilling	
12/10/2008	4,420.00	9.74	MWD	Scientific Drilling	
12/10/2008	4,452.00	9.00	MWD	Scientific Drilling	
12/10/2008	4,483.00	9.17	MWD	Scientific Drilling	
12/10/2008	4,515.00	9.20	MWD	Scientific Drilling	
12/10/2008	4,546.00	8.90	MWD	Scientific Drilling	
12/10/2008	4,578.00	8.31	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 _____



COP Deviation Report
SAN JUAN 29-7 UNIT #105E

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
12/10/2008	1,485.00	17.59	MWD	Scientific Drilling
12/10/2008	1,548.00	17.83	MWD	Scientific Drilling
12/10/2008	1,580.00	18.09	MWD	Scientific Drilling
12/10/2008	1,611.00	17.51	MWD	Scientific Drilling
12/10/2008	1,675.00	16.71	MWD	Scientific Drilling
12/11/2008	1,737.00	16.88	MWD	Scientific Drilling
12/11/2008	1,812.00	17.65	MWD	Scientific Drilling
12/11/2008	1,832.00	17.69	MWD	Scientific Drilling
12/11/2008	1,864.00	18.27	MWD	Scientific Drilling
12/11/2008	1,895.00	18.85	MWD	Scientific Drilling
12/11/2008	1,959.00	18.66	MWD	Scientific Drilling
12/11/2008	2,020.00	19.14	MWD	Scientific Drilling
12/11/2008	2,081.00	20.03	MWD	Scientific Drilling
12/11/2008	2,113.00	20.62	MWD	Scientific Drilling
12/11/2008	2,144.00	21.14	MWD	Scientific Drilling
12/11/2008	2,176.00	21.47	MWD	Scientific Drilling
12/11/2008	2,208.00	21.38	MWD	Scientific Drilling
12/11/2008	2,240.00	22.15	MWD	Scientific Drilling
12/11/2008	2,272.00	22.39	MWD	Scientific Drilling
12/11/2008	2,304.00	22.96	MWD	Scientific Drilling
12/11/2008	2,336.00	23.30	MWD	Scientific Drilling
12/11/2008	2,367.00	23.73	MWD	Scientific Drilling
12/11/2008	2,431.00	23.83	MWD	Scientific Drilling
12/11/2008	2,491.00	23.38	MWD	Scientific Drilling
12/11/2008	2,554.00	22.97	MWD	Scientific Drilling
12/11/2008	2,618.00	23.83	MWD	Scientific Drilling
12/11/2008	2,681.00	24.27	MWD	Scientific Drilling
12/10/2008	2,745.00	23.54	MWD	Scientific Drilling
12/10/2008	2,809.00	22.24	MWD	Scientific Drilling
12/10/2008	2,871.00	23.12	MWD	Scientific Drilling
12/10/2008	2,935.00	22.82	MWD	Scientific Drilling
12/10/2008	2,998.00	23.05	MWD	Scientific Drilling
12/10/2008	3,061.00	22.35	MWD	Scientific Drilling
12/10/2008	3,124.00	21.54	MWD	Scientific Drilling
12/10/2008	3,188.00	20.69	MWD	Scientific Drilling
12/10/2008	3,252.00	21.07	MWD	Scientific Drilling
12/10/2008	3,284.00	20.91	MWD	Scientific Drilling
12/10/2008	3,315.00	19.86	MWD	Scientific Drilling
12/10/2008	3,347.00	19.32	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 _____



COP Deviation Report

SAN JUAN 29-7 UNIT #105E

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 29-7 UNIT #105E	API / UWI 3003930519	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 036-029N-007W-H	N/S Dist (ft) 1,705.00	N/S Ref FNL	E/W Dist (ft) 1,025.00	E/W Ref FEL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
11/4/2008	129.00	0.50	A1SureShot	Mo-Te Drilling Inc.
11/4/2008	229.00	0.00	A1SureShot	Mo-Te Drilling Inc.
11/4/2008	355.00	0.75	A1SureShot	Mo-Te Drilling Inc.
12/10/2008	390.00	0.86	MWD	Scientific Drilling
12/10/2008	421.00	0.82	MWD	Scientific Drilling
12/10/2008	452.00	0.83	MWD	Scientific Drilling
12/10/2008	483.00	1.07	MWD	Scientific Drilling
12/10/2008	513.00	1.94	MWD	Scientific Drilling
12/10/2008	544.00	2.83	MWD	Scientific Drilling
12/10/2008	572.00	3.70	MWD	Scientific Drilling
12/10/2008	605.00	4.55	MWD	Scientific Drilling
12/10/2008	636.00	5.57	MWD	Scientific Drilling
12/10/2008	667.00	6.55	MWD	Scientific Drilling
12/10/2008	696.00	7.27	MWD	Scientific Drilling
12/10/2008	727.00	8.13	MWD	Scientific Drilling
12/10/2008	757.00	9.06	MWD	Scientific Drilling
12/10/2008	789.00	9.85	MWD	Scientific Drilling
12/10/2008	820.00	11.00	MWD	Scientific Drilling
12/10/2008	852.00	11.99	MWD	Scientific Drilling
12/10/2008	884.00	13.25	MWD	Scientific Drilling
12/10/2008	916.00	14.42	MWD	Scientific Drilling
12/10/2008	946.00	15.74	MWD	Scientific Drilling
12/10/2008	978.00	16.76	MWD	Scientific Drilling
12/10/2008	1,010.00	17.65	MWD	Scientific Drilling
12/10/2008	1,042.00	18.69	MWD	Scientific Drilling
12/10/2008	1,074.00	19.39	MWD	Scientific Drilling
12/10/2008	1,105.00	20.34	MWD	Scientific Drilling
12/10/2008	1,137.00	20.77	MWD	Scientific Drilling
12/10/2008	1,169.00	20.68	MWD	Scientific Drilling
12/10/2008	1,201.00	20.40	MWD	Scientific Drilling
12/10/2008	1,233.00	19.52	MWD	Scientific Drilling
12/10/2008	1,294.00	19.10	MWD	Scientific Drilling
12/10/2008	1,326.00	18.84	MWD	Scientific Drilling
12/10/2008	1,358.00	17.93	MWD	Scientific Drilling
12/10/2008	1,421.00	17.29	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

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