

Legal WellName : SAN JUAN 32-9 UNIT #24B	API / UWI: 3004535208
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 005-031N-009W-P
St/Prov: NEW MEXICO	N/S Dist (ft): 890.00 - FSL
County: SAN JUAN	E/W Dist (ft): 1,168.00 - FEL

Wellbore Name : Original Hole					
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
INCLINATION SURVEY	10/28/2011	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
10/28/2011	130.00	.50	.00	Inc-WL	RCVD JAN 31 '12 OIL CONS. DIV. DIST. 3
10/28/2011	235.00	.50	.00	Inc-WL	
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
DIRECTIONAL SURVEY	11/01/2011	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/01/2011	267.00	.24	169.52	IncAzi-MWD	Scientific Drilling
11/01/2011	297.00	.08	224.51	IncAzi-MWD	Scientific Drilling
11/01/2011	328.00	.37	301.61	IncAzi-MWD	Scientific Drilling
11/01/2011	358.00	.83	313.39	IncAzi-MWD	Scientific Drilling
11/01/2011	389.00	1.37	329.90	IncAzi-MWD	Scientific Drilling
11/01/2011	420.00	1.96	333.25	IncAzi-MWD	Scientific Drilling
11/01/2011	451.00	2.92	334.78	IncAzi-MWD	Scientific Drilling
11/01/2011	482.00	3.79	333.68	IncAzi-MWD	Scientific Drilling
11/01/2011	513.00	4.45	331.28	IncAzi-MWD	Scientific Drilling
11/01/2011	544.00	5.62	332.18	IncAzi-MWD	Scientific Drilling
11/01/2011	575.00	6.43	332.63	IncAzi-MWD	Scientific Drilling
11/01/2011	605.00	7.32	331.44	IncAzi-MWD	Scientific Drilling
11/01/2011	636.00	8.23	331.52	IncAzi-MWD	Scientific Drilling
11/01/2011	665.00	9.03	332.16	IncAzi-MWD	Scientific Drilling
11/01/2011	697.00	9.84	332.73	IncAzi-MWD	Scientific Drilling
11/01/2011	728.00	10.61	332.19	IncAzi-MWD	Scientific Drilling
11/01/2011	758.00	11.52	332.37	IncAzi-MWD	Scientific Drilling
11/01/2011	789.00	12.44	332.29	IncAzi-MWD	Scientific Drilling
11/01/2011	820.00	13.06	331.99	IncAzi-Drp	Scientific Drilling
11/01/2011	851.00	14.06	332.54	IncAzi-MWD	Scientific Drilling
11/01/2011	883.00	14.94	333.38	IncAzi-MWD	Scientific Drilling
11/01/2011	914.00	15.85	333.06	IncAzi-MWD	Scientific Drilling
11/01/2011	946.00	16.80	332.55	IncAzi-MWD	Scientific Drilling
11/01/2011	977.00	17.48	333.37	IncAzi-MWD	Scientific Drilling
11/01/2011	1,009.00	18.06	333.64	IncAzi-MWD	Scientific Drilling
11/01/2011	1,041.00	18.91	333.57	IncAzi-MWD	Scientific Drilling
11/01/2011	1,073.00	19.68	332.75	IncAzi-MWD	Scientific Drilling

11/01/2011	1,104.00	20.41	331.67	IncAzi-MWD	Scientific Drilling
11/01/2011	1,136.00	21.30	331.26	IncAzi-MWD	Scientific Drilling
11/01/2011	1,168.00	22.07	331.40	IncAzi-MWD	Scientific Drilling
11/01/2011	1,200.00	22.99	331.58	IncAzi-MWD	Scientific Drilling
11/01/2011	1,231.00	23.66	331.73	IncAzi-MWD	Scientific Drilling
11/01/2011	1,263.00	24.39	332.20	IncAzi-MWD	Scientific Drilling
11/01/2011	1,295.00	25.38	332.17	IncAzi-MWD	Scientific Drilling
11/01/2011	1,327.00	26.30	331.87	IncAzi-MWD	Scientific Drilling
11/01/2011	1,390.00	27.22	332.18	IncAzi-MWD	Scientific Drilling
11/01/2011	1,453.00	26.89	331.89	IncAzi-MWD	Scientific Drilling
11/01/2011	1,517.00	27.19	331.71	IncAzi-MWD	Scientific Drilling
11/01/2011	1,580.00	27.15	331.45	IncAzi-MWD	Scientific Drilling
11/01/2011	1,643.00	27.65	331.53	IncAzi-MWD	Scientific Drilling
11/01/2011	1,706.00	28.56	331.55	IncAzi-MWD	Scientific Drilling
11/01/2011	1,769.00	28.95	331.63	IncAzi-MWD	Scientific Drilling
11/01/2011	1,832.00	29.02	331.14	IncAzi-MWD	Scientific Drilling
11/01/2011	1,895.00	28.83	333.54	IncAzi-MWD	Scientific Drilling
11/01/2011	1,958.00	28.72	333.36	IncAzi-MWD	Scientific Drilling
11/02/2011	2,021.00	29.06	333.15	IncAzi-MWD	Scientific Drilling
11/02/2011	2,084.00	28.71	332.78	IncAzi-MWD	Scientific Drilling
11/02/2011	2,148.00	28.47	332.60	IncAzi-MWD	Scientific Drilling
11/02/2011	2,211.00	28.16	333.09	IncAzi-MWD	Scientific Drilling
11/02/2011	2,274.00	27.60	331.82	IncAzi-MWD	Scientific Drilling
11/02/2011	2,338.00	27.55	331.62	IncAzi-MWD	Scientific Drilling
11/02/2011	2,401.00	28.00	332.24	IncAzi-MWD	Scientific Drilling
11/02/2011	2,465.00	28.66	332.16	IncAzi-MWD	Scientific Drilling
11/02/2011	2,527.00	28.88	332.85	IncAzi-MWD	Scientific Drilling
11/02/2011	2,591.00	28.65	332.21	IncAzi-MWD	Scientific Drilling
11/02/2011	2,654.00	28.31	331.76	IncAzi-MWD	Scientific Drilling
11/02/2011	2,717.00	28.14	331.40	IncAzi-MWD	Scientific Drilling
11/02/2011	2,780.00	28.11	331.25	IncAzi-MWD	Scientific Drilling
11/02/2011	2,844.00	27.50	332.45	IncAzi-MWD	Scientific Drilling
11/02/2011	2,907.00	26.29	334.37	IncAzi-MWD	Scientific Drilling
11/02/2011	2,971.00	24.66	335.64	IncAzi-MWD	Scientific Drilling
11/02/2011	3,034.00	22.68	336.16	IncAzi-MWD	Scientific Drilling
11/02/2011	3,097.00	20.93	335.44	IncAzi-MWD	Scientific Drilling
11/02/2011	3,160.00	19.45	334.86	IncAzi-MWD	Scientific Drilling
11/02/2011	3,224.00	17.82	333.05	IncAzi-MWD	Scientific Drilling
11/03/2011	3,287.00	16.17	332.45	IncAzi-MWD	Scientific Drilling
11/03/2011	3,350.00	14.61	330.10	IncAzi-MWD	Scientific Drilling
11/03/2011	3,414.00	13.60	328.70	IncAzi-MWD	Scientific Drilling
11/03/2011	3,477.00	12.45	327.97	IncAzi-MWD	Scientific Drilling
11/03/2011	3,540.00	11.44	326.35	IncAzi-MWD	Scientific Drilling
11/03/2011	3,603.00	9.22	323.78	IncAzi-MWD	Scientific Drilling
11/03/2011	3,666.00	7.78	320.80	IncAzi-MWD	Scientific Drilling
11/03/2011	3,729.00	7.20	316.10	IncAzi-MWD	Scientific Drilling

Wellbore Name : SIDETRACK 1

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
DIRECTIONAL SURVEY	11/11/2011	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/13/2011	.00	.00	.00	IncAzi-MWD	Scientfic Drilling
11/13/2011	267.00	.24	169.52	IncAzi-MWD	Scientfic Drilling
11/13/2011	297.00	.08	224.51	IncAzi-MWD	Scientfic Drilling
11/13/2011	328.00	.37	301.61	IncAzi-MWD	Scientfic Drilling
11/13/2011	358.00	.83	313.39	IncAzi-MWD	Scientfic Drilling
11/13/2011	389.00	1.37	329.90	IncAzi-MWD	Scientfic Drilling
11/13/2011	420.00	1.96	333.25	IncAzi-MWD	Scientfic Drilling
11/13/2011	451.00	2.92	334.78	IncAzi-MWD	Scientfic Drilling
11/13/2011	482.00	3.79	333.68	IncAzi-MWD	Scientfic Drilling
11/13/2011	513.00	4.45	331.28	IncAzi-MWD	Scientfic Drilling
11/13/2011	544.00	5.62	332.18	IncAzi-MWD	Scientfic Drilling
11/13/2011	575.00	6.43	332.63	IncAzi-MWD	Scientfic Drilling
11/13/2011	605.00	7.32	331.44	IncAzi-MWD	Scientfic Drilling
11/13/2011	636.00	8.23	331.52	IncAzi-MWD	Scientfic Drilling
11/13/2011	665.00	9.03	332.16	IncAzi-MWD	Scientfic Drilling
11/13/2011	697.00	9.84	332.73	IncAzi-MWD	Scientfic Drilling
11/13/2011	728.00	10.61	332.19	IncAzi-MWD	Scientfic Drilling
11/13/2011	758.00	11.52	332.37	IncAzi-MWD	Scientfic Drilling
11/13/2011	789.00	12.44	332.29	IncAzi-MWD	Scientfic Drilling
11/13/2011	820.00	13.06	331.99	IncAzi-MWD	Scientfic Drilling
11/13/2011	851.00	14.06	332.54	IncAzi-MWD	Scientfic Drilling
11/13/2011	883.00	14.94	333.38	IncAzi-MWD	Scientfic Drilling
11/13/2011	914.00	15.85	333.06	IncAzi-MWD	Scientfic Drilling
11/13/2011	946.00	16.80	332.55	IncAzi-MWD	Scientfic Drilling
11/13/2011	977.00	17.48	333.37	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,009.00	18.06	333.64	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,041.00	18.91	333.57	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,073.00	19.68	332.75	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,104.00	20.41	331.67	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,136.00	21.30	331.26	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,168.00	22.07	331.40	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,200.00	22.99	331.58	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,231.00	23.66	331.73	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,263.00	24.39	332.20	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,295.00	25.38	332.17	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,327.00	26.30	331.87	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,390.00	27.22	332.18	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,453.00	26.89	331.89	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,517.00	27.19	331.71	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,580.00	27.15	331.45	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,643.00	27.65	331.53	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,706.00	28.56	331.55	IncAzi-MWD	Scientfic Drilling
11/13/2011	1,769.00	28.95	331.63	IncAzi-MWD	Scientfic Drilling

11/13/2011	1,832.00	29.02	333.14	IncAzi-MWD	Scientific Drilling
11/13/2011	1,895.00	28.83	333.54	IncAzi-MWD	Scientific Drilling
11/13/2011	1,958.00	28.72	333.36	IncAzi-MWD	Scientific Drilling
11/13/2011	2,021.00	29.06	333.15	IncAzi-MWD	Scientific Drilling
11/13/2011	2,084.00	28.71	332.78	IncAzi-MWD	Scientific Drilling
11/13/2011	2,148.00	28.47	332.60	IncAzi-MWD	Scientific Drilling
11/13/2011	2,211.00	28.16	333.09	IncAzi-MWD	Scientific Drilling
11/13/2011	2,274.00	27.60	331.82	IncAzi-MWD	Scientific Drilling
11/13/2011	2,338.00	27.55	331.62	IncAzi-MWD	Scientific Drilling
11/13/2011	2,401.00	28.00	332.24	IncAzi-MWD	Scientific Drilling
11/13/2011	2,465.00	28.66	332.16	IncAzi-MWD	Scientific Drilling
11/13/2011	2,527.00	28.88	332.85	IncAzi-MWD	Scientific Drilling
11/13/2011	2,591.00	28.65	332.21	IncAzi-MWD	Scientific Drilling
11/13/2011	2,654.00	28.31	331.76	IncAzi-MWD	Scientific Drilling
11/13/2011	2,717.00	28.14	331.40	IncAzi-MWD	Scientific Drilling
11/13/2011	2,780.00	28.11	331.25	IncAzi-MWD	Scientific Drilling
11/13/2011	2,844.00	27.50	332.45	IncAzi-MWD	Scientific Drilling
11/13/2011	2,872.00	27.09	337.00	IncAzi-MWD	Scientific Drilling
11/13/2011	2,906.00	25.12	340.68	IncAzi-MWD	Scientific Drilling
11/13/2011	3,033.00	23.80	343.88	IncAzi-MWD	Scientific Drilling
11/13/2011	3,064.00	23.53	341.93	IncAzi-MWD	Scientific Drilling
11/13/2011	3,096.00	23.54	339.55	IncAzi-MWD	Scientific Drilling
11/13/2011	3,160.00	23.39	337.27	IncAzi-MWD	Scientific Drilling
11/13/2011	3,192.00	23.15	341.81	IncAzi-MWD	Scientific Drilling
11/13/2011	3,255.00	20.63	337.87	IncAzi-MWD	Scientific Drilling
11/13/2011	3,319.00	18.90	337.01	IncAzi-MWD	Scientific Drilling
11/13/2011	3,382.00	16.45	340.81	IncAzi-MWD	Scientific Drilling
11/13/2011	3,445.00	14.62	333.83	IncAzi-MWD	Scientific Drilling
11/13/2011	3,509.00	13.11	337.68	IncAzi-MWD	Scientific Drilling
11/13/2011	3,572.00	11.48	332.28	IncAzi-MWD	Scientific Drilling
11/13/2011	3,635.00	9.49	338.76	IncAzi-MWD	Scientific Drilling
11/14/2011	3,698.00	7.52	336.78	IncAzi-MWD	Scientific Drilling
11/14/2011	3,762.00	6.05	328.46	IncAzi-MWD	Scientific Drilling
11/14/2011	3,825.00	5.76	333.99	IncAzi-MWD	Scientific Drilling
11/14/2011	3,926.00	4.65	335.50	Projection	Scientific Drilling
11/18/2011	4,110.00	3.00	.00	Inc-Drop	MD Totco

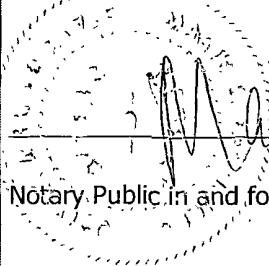
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	11/28/2011	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/28/2011	8,350.00	1.00	.00	Inc-WL	Phoenix Services LLC

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.

Ed
Subscribed and sworn to me this

1/31/12



Notary Public in and for San Juan County, New Mexico

My Commission expires

7/28/14