

Deviation Report

Name of Company	Address	
Burlington Resources Oil & Gas Company	P.O. Box 4289, Farmington, NM 87499	
Lease Name and Number (API Number)	Location	Sec. Twn. Rge.
SAN JUAN 27-4 UNIT COM #34N (30-039-26903)	-370 FSL 20 FEL	34-027N-004W
Pool and Formation	County	State
BASIN DAKOTA	RIO ARRIBA	NEW MEXICO

(OH)

Depth (ft)

Deviation (degrees)

250	1.00
340	1.00
462	0.50
920	1.04
952	1.35
983	1.75
1,014	2.49
1,045	3.01
1,077	3.04
1,107	3.27
1,138	3.70
1,169	4.47
1,201	4.82
1,292	5.91
1,387	7.65
1,487	7.67
1,577	9.20
1,673	12.11
1,767	14.20
1,861	16.43
1,955	18.27
2,050	20.42
2,144	21.32
2,238	21.98
2,333	21.91
2,425	21.86
2,487	22.03
2,550	22.09
2,613	21.71
2,706	21.85
2,802	19.15
2,897	17.84
2,991	18.65
3,023	18.72
3,117	18.42
3,210	17.80
3,305	16.85
3,336	16.28
3,366	16.08
3,398	16.14
3,493	15.04
3,586	13.80
3,681	11.71
3,772	8.79
3,867	6.53



Deviation Report

Name of Company Burlington Resources Oil & Gas Company	Address P.O. Box 4289, Farmington, NM 87499	
Lease Name and Number (API Number) SAN JUAN 27-4 UNIT COM #34N (30-039-26903)	Location -370 FSL 20 FEL	Sec. Twn. Rge. 34-027N-004W
Pool and Formation BASIN DAKOTA	County RIO ARriba	State NEW MEXICO

(OH)

Depth (ft)

Deviation (degrees)

3,962	4.45
4,054	3.46
4,147	2.45
4,179	1.73
4,190	1.46
4,235	0.36
8,318	1.25



Air Hammer Used? YES / NO

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for Burlington Resources Oil & Gas Company, am authorized by said Company to make this report; and that this 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 before me this 9th day of AUGUST, 2006.

Notary Public in and for San Juan County, New Mexico

My commission expires March 20, 2010.

BURLINGTON RESOURCES OIL & GAS - SJD

Deviation Summary

Legal Well Name: SAN JUAN 27-4 UNIT COM #34N
 Common Well Name: SAN JUAN 27-4 UNIT COM #34N
 Event Name: ORIG DRLG
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC
 TMD: 8,318.00 (ft) TVD: 8,106.67 (ft)

Spud Date: 5/13/2006
 Start: 5/11/2006
 End: 5/27/2006
 Rig Release: 5/27/2006
 Rig Number: 673
 Calculation Method: Minimum Curvature

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/S (ft)	E/W (ft)	Section (ft)	DIS (°/100ft)	BUR (°/100ft)	Type
OH	97.00	0.500	0.000	NYN	0.00	0.00	0.00	0.00	0.00	0.00	TC
OH	250.00	1.000	0.000	YNN	152.99	2.00	0.00	0.85	0.33	0.33	TC
OH	340.00	1.000	0.000	YNN	242.97	3.57	0.00	1.51	0.00	0.00	TC
OH	462.00	0.500	0.000	YNN	364.96	5.17	0.00	2.19	0.41	-0.41	TC
OH	920.00	1.040	253.520	YNN	822.93	5.99	-3.99	6.14	0.28	0.12	IN
OH	952.00	1.350	258.010	YNN	854.93	5.83	-4.63	6.66	1.01	0.97	IN
OH	983.00	1.750	274.220	YNN	885.92	5.79	-5.46	7.40	1.90	1.29	IN
OH	1,014.00	2.490	276.170	YNN	916.89	5.90	-6.60	8.48	2.40	2.39	IN
OH	1,045.00	3.010	283.730	YNN	947.86	6.16	-8.06	9.91	2.04	1.68	IN
OH	1,077.00	3.040	286.120	YNN	979.81	6.60	-9.70	11.57	0.41	0.09	IN
OH	1,107.00	3.270	289.790	YNN	1,009.77	7.11	-11.26	13.21	1.02	0.77	IN
OH	1,138.00	3.700	293.860	YNN	1,040.71	7.81	-13.01	15.09	1.60	1.39	IN
OH	1,169.00	4.470	297.170	YNN	1,071.63	8.77	-15.00	17.30	2.60	2.48	IN
OH	1,201.00	4.820	297.880	YNN	1,103.53	9.96	-17.30	19.89	1.11	1.09	IN
OH	1,292.00	5.910	299.330	YNN	1,194.13	14.05	-24.76	28.38	1.21	1.20	MD
OH	1,387.00	7.650	299.460	YNN	1,288.46	19.55	-34.53	39.56	1.83	1.83	MD
OH	1,487.00	7.670	300.600	YNN	1,387.57	26.22	-46.07	52.84	0.15	0.02	MD
OH	1,577.00	9.200	299.400	YNN	1,476.59	32.81	-57.51	65.99	1.71	1.70	MD
OH	1,673.00	12.110	299.300	YNN	1,570.93	41.51	-72.98	83.69	3.03	3.03	MD
OH	1,767.00	14.200	299.110	YNN	1,662.45	51.95	-91.66	105.02	2.22	2.22	MD
OH	1,861.00	16.430	297.650	YNN	1,753.11	63.73	-113.51	129.80	2.41	2.37	MD
OH	1,955.00	18.270	299.750	YNN	1,842.83	77.21	-138.08	157.77	2.07	1.96	MD
OH	2,050.00	20.420	299.440	YNN	1,932.46	92.74	-165.44	189.14	2.27	2.26	MD
OH	2,144.00	21.320	292.370	YNN	2,020.31	107.31	-195.53	222.56	2.84	0.96	MD
OH	2,238.00	21.980	292.760	YNN	2,107.68	120.62	-227.55	257.21	0.72	0.70	MD
OH	2,333.00	21.910	292.500	YNN	2,195.79	134.28	-260.32	292.68	0.13	-0.07	MD
OH	2,425.00	21.860	294.780	YNN	2,281.16	148.03	-291.73	326.96	0.93	-0.05	MD
OH	2,487.00	22.030	295.090	YNN	2,338.67	157.80	-312.74	350.13	0.33	0.27	MD

BURLINGTON RESOURCES OIL & GAS - SJD

Page 2 of 2

Deviation Summary

Legal Well Name: SAN JUAN 27-4 UNIT COM #34N
Common Well Name: SAN JUAN 27-4 UNIT COM #34N
Event Name: ORIG DRLG
Contractor Name: AZTEC WELL SERVICE
Rig Name: AZTEC
TMD: 8,318.00 (ft)
TVD: 8,106.67 (ft)

Spud Date: 5/13/2006
Start: 5/11/2006
End: 5/27/2006
Rig Release: 5/27/2006
Rig Number: 673
Calculation Method: Minimum Curvature

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/S (ft)	E/W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	2,550.00	22.090	295.400	YNN	2,397.06	167.89	-334.14	373.79	0.21	0.10	MD
OH	2,613.00	21.710	295.000	YNN	2,455.51	177.89	-355.41	397.29	0.65	-0.60	MD
OH	2,706.00	21.850	295.200	YNN	2,541.87	192.53	-386.65	431.80	0.17	0.15	MD
OH	2,802.00	19.150	293.050	YNN	2,631.79	206.31	-417.31	465.40	2.92	-2.81	MD
OH	2,897.00	17.840	294.230	YNN	2,721.88	218.38	-444.92	495.53	1.43	-1.38	MD
OH	2,991.00	18.650	296.720	YNN	2,811.15	231.05	-471.48	524.95	1.20	0.86	MD
OH	3,023.00	18.720	297.320	YNN	2,841.47	235.70	-480.61	535.20	0.64	0.22	MD
OH	3,117.00	18.420	297.560	YNN	2,930.57	249.50	-507.18	565.10	0.33	-0.32	MD
OH	3,210.00	17.800	297.270	YNN	3,018.97	262.81	-532.84	593.99	0.67	-0.67	MD
OH	3,305.00	16.850	296.890	YNN	3,109.66	275.69	-558.03	622.26	1.01	-1.00	MD
OH	3,336.00	16.280	295.930	YNN	3,139.37	279.62	-565.94	631.09	2.04	-1.84	MD
OH	3,366.00	16.080	296.930	YNN	3,168.18	283.34	-573.43	639.45	1.14	-0.67	MD
OH	3,398.00	16.140	296.480	YNN	3,198.92	287.33	-581.36	648.32	0.43	0.19	MD
OH	3,493.00	15.040	292.260	YNN	3,290.43	297.89	-604.59	673.84	1.66	-1.16	MD
OH	3,586.00	13.800	292.830	YNN	3,380.50	306.77	-625.98	696.98	1.34	-1.33	MD
OH	3,681.00	11.710	294.440	YNN	3,473.15	315.15	-645.20	717.94	2.23	-2.20	MD
OH	3,772.00	8.790	295.610	YNN	3,562.69	321.98	-659.88	734.13	3.22	-3.21	MD
OH	3,867.00	6.530	299.650	YNN	3,656.83	327.79	-671.12	746.77	2.44	-2.38	MD
OH	3,962.00	4.450	298.800	YNN	3,751.39	332.24	-679.05	755.84	2.19	-2.19	MD
OH	4,054.00	3.460	295.320	YNN	3,843.17	335.15	-684.69	762.17	1.11	-1.08	MD
OH	4,147.00	2.450	279.980	YNN	3,936.05	336.69	-689.18	766.90	1.37	-1.09	MD
OH	4,179.00	1.730	271.550	YNN	3,968.03	336.82	-690.34	768.00	2.44	-2.25	MD
OH	4,190.00	1.460	270.600	YNN	3,979.02	336.83	-690.64	768.28	2.47	-2.45	MD
OH	4,235.00	0.360	266.710	YNN	4,024.02	336.83	-691.36	768.93	2.45	-2.44	MD
OH	8,318.00	1.250	0.000	YNN	8,106.67	380.63	-704.16	799.05	0.03	0.02	TC