

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 27-5 UNIT #102P (30-039-29827)	-1085 FSL -1800 FWL	12-027N-005W
Pool and Formation	County	State
BASIN DAKOTA	RIO ARRIBA	NEW MEXICO

(OH)

Depth (ft)

Deviation (degrees)

120	1.00
240	2.00
300	1.50
360	1.25
411	1.68
427	1.75
458	2.09
489	2.66
520	3.09
551	3.54
582	4.21
612	6.04
643	7.41
674	8.66
766	13.03
861	17.73
955	21.10
1,047	21.93
1,140	22.44
1,234	22.78
1,328	21.78
1,421	22.08
1,516	22.37
1,579	22.22
1,675	21.31
1,775	21.31
1,864	21.32
1,958	20.61
2,052	20.31
2,147	20.86
2,241	20.62
2,335	20.82
2,428	20.40
2,522	20.66
2,616	20.67
2,710	20.62
2,803	20.91
2,897	20.90
2,991	20.76
3,085	21.27
3,179	21.43
3,273	21.83
3,369	20.85
3,462	21.26
3,556	21.70

Surface 1085/S 1800/W
BHL 998/S 180/W

MD 8494
TVD 8224



\$ 10/6

Deviation Report

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Burlington Resources Oil & Gas Company

Address

P.O. Box 4289, Farmington, NM 87499

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SAN JUAN 27-5 UNIT #102P (30-039-29827)

Location

-1085 FSL -1800 FWL

Sec. Twn. Rge.

12-027N-005W

Pool and Formation

BASIN DAKOTA

County

RIO ARRIBA

State

NEW MEXICO

(OH)

Depth (ft)**Deviation (degrees)**

3,649	22.28
3,743	21.41
3,837	19.79
3,900	19.31
3,961	18.69
4,022	18.42
4,085	19.83
4,149	20.89
4,211	21.99
4,242	22.09
4,305	20.99
4,401	18.46
4,464	17.41
4,495	17.46
4,591	17.91
4,687	17.57
4,782	16.93
4,877	13.10
4,969	10.15
5,063	8.67
5,095	8.44
5,127	7.35
5,139	6.95
5,159	6.19
5,175	5.83
5,230	3.70
8,494	1.00



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 27-5 UNIT #102P (30-039-29827)	Location -1085 FSL -1800 FWL	Sec. Twn. Rge. 12-027N-005W
Pool and Formation BASIN DAKOTA	County RIO ARriba	State NEW MEXICO

(OH)

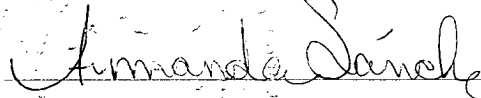
Depth (ft)

Deviation (degrees)

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 28th day of SEPTEMBER, 2006.



Notary Public in and for San Juan County, New Mexico
My commission expires March 20, 2010.



BURLINGTON RESOURCES OIL & GAS - SJD

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Deviation Summary

Legal Well Name: SAN JUAN 27-5 UNIT #102P
 Common Well Name: SAN JUAN 27-5 UNIT #102P
 Event Name: 41106316
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC
 TVD: 8,223.92 (ft)

Spud Date: 5/18/2006
 Start: 5/18/2006
 End: 6/19/2006
 Rig Release: 6/19/2006
 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	0.00	0.000	0.000	NYN	0.00	0.00	0.00	0.00	0.00	0.00	TC
OH	120.00	1.000	0.000	YNN	119.99	1.05	0.00	1.05	0.83	0.83	TC
OH	240.00	2.000	0.000	YNN	239.95	4.19	0.00	4.19	0.83	0.83	TC
OH	300.00	1.500	0.000	YNN	299.92	6.02	0.00	6.02	0.83	-0.83	TC
OH	360.00	1.250	0.000	YNN	359.91	7.46	0.00	7.46	0.42	-0.42	TC
OH	411.00	1.680	336.080	YNN	410.89	8.70	-0.30	8.70	1.45	0.84	MD
OH	427.00	1.750	351.080	YNN	426.88	9.16	-0.44	9.16	2.83	0.44	MD
OH	458.00	2.090	336.600	YNN	457.87	10.14	-0.73	10.14	1.90	1.10	MD
OH	489.00	2.660	323.630	YNN	488.84	11.24	-1.39	11.24	2.52	1.84	MD
OH	520.00	3.090	312.540	YNN	519.80	12.38	-2.43	12.38	2.26	1.39	MD
OH	551.00	3.540	293.180	YNN	550.75	13.33	-3.92	13.33	3.87	1.45	MD
OH	582.00	4.210	266.450	YNN	581.68	13.63	-5.94	13.63	6.15	2.16	MD
OH	612.00	6.040	258.660	YNN	611.56	13.25	-8.59	13.25	6.51	6.10	MD
OH	643.00	7.410	259.940	YNN	642.35	12.58	-12.15	12.58	4.45	4.42	MD
OH	674.00	8.660	259.510	YNN	673.04	11.81	-16.42	11.81	4.04	4.03	MD
OH	766.00	13.030	262.180	YNN	763.38	9.14	-33.51	9.14	4.78	4.75	MD
OH	861.00	17.730	265.650	YNN	854.95	6.58	-58.56	6.58	5.04	4.95	MD
OH	955.00	21.100	267.920	YNN	943.59	4.88	-89.75	4.88	3.67	3.59	MD
OH	1,047.00	21.930	265.800	YNN	1,029.18	3.02	-123.43	3.02	1.24	0.90	MD
OH	1,140.00	22.440	265.440	YNN	1,115.30	0.34	-158.45	0.34	0.57	0.55	MD
OH	1,234.00	22.780	263.960	YNN	1,202.07	-3.00	-194.43	-3.00	0.71	0.36	MD
OH	1,328.00	21.780	264.770	YNN	1,289.06	-6.51	-229.89	-6.51	1.11	-1.06	MD
OH	1,421.00	22.080	265.050	YNN	1,375.33	-9.59	-264.49	-9.59	0.34	0.32	MD
OH	1,516.00	22.370	265.600	YNN	1,463.27	-12.52	-300.30	-12.52	0.38	0.31	MD
OH	1,579.00	22.220	267.550	YNN	1,521.56	-13.95	-324.16	-13.95	1.20	-0.24	MD
OH	1,675.00	21.310	269.300	YNN	1,610.72	-14.93	-359.73	-14.93	1.16	-0.95	MD
OH	1,775.00	21.310	269.300	YNN	1,703.88	-15.38	-396.07	-15.38	0.00	0.00	MD
OH	1,864.00	21.320	264.120	YNN	1,786.80	-17.23	-428.34	-17.23	2.12	0.01	MD

BURLINGTON RESOURCES OIL & GAS - SJD

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Deviation Summary

Legal Well Name: SAN JUAN 27-5 UNIT #102P
Common Well Name: SAN JUAN 27-5 UNIT #102P
Event Name: ORIG DRLG
Contractor Name: AZTEC WELL SERVICE
Rig Name: AZTEC
TMD: 8,494.00 (ft)
TVD: 8,223.92 (ft)

Spud Date: 5/18/2006
Start: 5/18/2006
End: 6/19/2006
Rig Release: 6/19/2006
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	1,968.00	20.610	264.250	YNN	1,874.57	-20.64	-461.80	-20.64	0.76	-0.76	MD
OH	2,052.00	20.310	267.260	YNN	1,962.65	-23.08	-494.56	-23.08	1.16	-0.32	MD
OH	2,147.00	20.860	266.550	YNN	2,051.58	-24.89	-527.91	-24.89	0.64	0.58	MD
OH	2,241.00	20.620	268.020	YNN	2,139.49	-26.46	-561.16	-26.46	0.61	-0.26	MD
OH	2,335.00	20.820	267.150	YNN	2,227.41	-27.87	-594.38	-27.87	0.39	0.21	MD
OH	2,428.00	20.400	267.760	YNN	2,314.46	-29.32	-627.09	-29.32	0.51	-0.45	MD
OH	2,522.00	20.660	266.780	YNN	2,402.49	-30.89	-660.01	-30.89	0.46	0.28	MD
OH	2,616.00	20.670	266.410	YNN	2,490.44	-32.86	-693.13	-32.86	0.14	0.01	MD
OH	2,710.00	20.620	266.120	YNN	2,578.40	-35.02	-726.20	-35.02	0.12	-0.05	MD
OH	2,803.00	20.910	265.750	YNN	2,665.36	-37.36	-759.09	-37.36	0.34	0.31	MD
OH	2,897.00	20.900	265.020	YNN	2,753.18	-40.06	-792.52	-40.06	0.28	-0.01	MD
OH	2,991.00	20.760	266.900	YNN	2,841.03	-42.42	-825.86	-42.42	0.73	-0.15	MD
OH	3,085.00	21.270	266.720	YNN	2,928.78	-44.29	-859.52	-44.29	0.55	0.54	MD
OH	3,179.00	21.430	266.710	YNN	3,016.33	-46.25	-893.68	-46.25	0.17	0.17	MD
OH	3,273.00	21.830	267.320	YNN	3,103.71	-48.06	-928.28	-48.06	0.49	0.43	MD
OH	3,369.00	20.850	265.310	YNN	3,193.13	-50.29	-963.14	-50.29	1.27	-1.02	MD
OH	3,462.00	21.260	264.920	YNN	3,279.92	-53.13	-996.43	-53.13	0.47	0.44	MD
OH	3,556.00	21.700	264.590	YNN	3,367.39	-56.28	-1,030.71	-56.28	0.49	0.47	MD
OH	3,649.00	22.280	263.700	YNN	3,453.62	-59.84	-1,065.35	-59.84	0.72	0.62	MD
OH	3,743.00	21.410	264.430	YNN	3,540.87	-63.46	-1,100.14	-63.46	0.97	-0.93	MD
OH	3,837.00	19.790	267.100	YNN	3,628.86	-65.93	-1,133.11	-65.93	1.99	-1.72	MD
OH	3,900.00	19.310	264.610	YNN	3,688.23	-67.45	-1,154.13	-67.45	1.53	-0.76	MD
OH	3,961.00	18.690	265.330	YNN	3,745.91	-69.19	-1,173.91	-69.19	1.09	-1.02	MD
OH	4,022.00	18.420	265.360	YNN	3,803.74	-70.77	-1,193.26	-70.77	0.44	-0.44	MD
OH	4,085.00	19.830	268.310	YNN	3,863.26	-71.89	-1,213.86	-71.89	2.71	2.24	MD
OH	4,149.00	20.890	269.890	YNN	3,923.26	-72.23	-1,236.13	-72.23	1.87	1.66	MD
OH	4,211.00	21.990	269.320	YNN	3,980.97	-72.39	-1,258.79	-72.39	1.81	1.77	MD
OH	4,242.00	22.090	268.380	YNN	4,009.70	-72.62	-1,270.42	-72.62	1.18	0.32	MD

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OH	4,305.00	20.990	267.000	YNN	4,068.30	-73.55	-1,293.53	-73.55	1.92	-1.75	MD
OH	4,401.00	18.460	264.130	YNN	4,158.67	-76.00	-1,325.82	-76.00	2.82	-2.64	MD
OH	4,464.00	17.410	264.250	YNN	4,218.60	-77.96	-1,345.12	-77.96	1.67	-1.67	MD
OH	4,495.00	17.460	264.650	YNN	4,248.18	-78.86	-1,354.37	-78.86	0.42	0.16	MD
OH	4,591.00	17.910	266.430	YNN	4,339.64	-81.13	-1,383.44	-81.13	0.73	0.47	MD
OH	4,687.00	17.570	268.260	YNN	4,431.08	-82.48	-1,412.66	-82.48	0.68	-0.35	MD
OH	4,782.00	16.930	268.830	YNN	4,521.80	-83.20	-1,440.82	-83.20	0.70	-0.67	MD
OH	4,877.00	13.100	266.750	YNN	4,613.54	-84.10	-1,465.40	-84.10	4.07	-4.03	MD
OH	4,969.00	10.150	264.250	YNN	4,703.65	-85.50	-1,483.88	-85.50	3.25	-3.21	MD
OH	5,063.00	8.670	260.430	YNN	4,796.38	-87.51	-1,499.11	-87.51	1.71	-1.57	MD
OH	5,095.00	8.440	258.010	YNN	4,828.03	-88.40	-1,503.79	-88.40	1.33	-0.72	MD
OH	5,127.00	7.350	256.560	YNN	4,859.72	-89.36	-1,508.07	-89.36	3.46	-3.41	MD
OH	5,139.00	6.950	256.950	YNN	4,871.63	-89.70	-1,509.53	-89.70	3.36	-3.33	MD
OH	5,159.00	6.190	256.700	YNN	4,891.50	-90.22	-1,511.76	-90.22	3.80	-3.80	MD
OH	5,175.00	5.830	256.040	YNN	4,907.41	-90.62	-1,513.39	-90.62	2.29	-2.25	MD
OH	5,230.00	3.700	256.700	YNN	4,962.22	-91.70	-1,517.82	-91.70	3.87	-3.87	MD
OH	8,494.00	1.000	0.000	YNN	8,223.92	-87.44	-1,620.36	-87.44	0.12	-0.08	TC