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** 955	**Sec. Twn. Rge.**
CUNDIFF #100 (30-045-31794)	1000 FNL 930 FEL	19-032N-012W
Pool and Formation	**County**	**State**
BASIN FRUITLAND COAL	SAN JUAN	NEW MEXICO

(OH)

Depth (ft)	Deviation (degrees)
60	0.75
100	0.68
120	1.00
200	1.26
242	1.75
300	2.46
400	2.84
455	3.00
500	3.41
548	3.50
600	3.63
642	3.25
700	4.09
737	3.00
800	4.24
831	3.25
900	5.02
925	4.25
1,000	5.46
1,020	5.50
1,082	5.50
1,100	5.31
1,146	5.25
1,200	5.41
1,209	5.25
1,273	6.00
1,300	6.75
1,343	7.00
1,400	7.00
1,423	7.75
1,486	6.25
1,500	6.38
1,549	6.25
1,600	7.37
1,612	7.25
1,674	5.00
1,700	9.41
1,737	10.00
1,800	10.25
1,800	11.21
1,863	11.25
1,900	10.56
1,925	10.25
2,000	9.39
2,030	10.00

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** 855	**Sec. Twn. Rge.**
CUNDIFF #100 (30-045-31794)	955 ~~1000~~ FNL ~~930~~ FEL	19-032N-012W
Pool and Formation	**County**	**State**
BASIN FRUITLAND COAL	SAN JUAN	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.

Jennifer M McCarthy

Subscribed and sworn to before me this 4th day of April, 2005.

Patricia L. Clugston

Notary Public in and for San Juan County, New Mexico

My commission expires September 15, 2008.

BURLINGTON RESOURCES OIL & GAS - SJD

Deviation Summary

Legal Well Name: CUNDIFF #100
Common Well Name: CUNDIFF #100
Event Name: ORIG DRLG
Contractor Name: BEARCAT
Rig Name: BEARCAT
TMD: 2,000.00 (ft) TVD: 1,988.68 (ft)

Spud Date: 1/21/2005
Start: 1/21/2005
End: 2/2/2005
Rig Release: 2/2/2005
Rig Number: 4
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	100.00	0.680	352.330	YNN	100.00	0.59	-0.08	0.59	0.68	0.68	GS
OH	200.00	1.260	356.320	YNN	199.98	2.27	-0.23	2.27	0.58	0.58	GS
OH	300.00	2.460	4.870	YNN	299.93	5.51	-0.12	5.51	1.23	1.20	GS
OH	400.00	2.840	1.200	YNN	399.82	10.12	0.12	10.12	0.42	0.38	GS
OH	500.00	3.410	359.380	YNN	499.67	15.58	0.14	15.58	0.58	0.57	GS
OH	600.00	3.630	355.190	YNN	599.48	21.70	-0.16	21.70	0.34	0.22	GS
OH	700.00	4.090	356.040	YNN	699.26	28.42	-0.87	28.42	0.46	0.46	GS
OH	800.00	4.240	353.820	YNN	798.99	35.65	-1.32	35.65	0.22	0.15	GS
OH	900.00	5.020	348.000	YNN	898.67	43.60	-2.62	43.60	0.91	0.78	GS
OH	1,000.00	5.460	347.280	YNN	998.25	52.52	-4.58	52.52	0.44	0.44	GS
OH	1,100.00	5.310	348.250	YNN	1,097.81	61.69	-6.57	61.69	0.18	-0.15	GS
OH	1,200.00	5.410	348.610	YNN	1,197.37	70.85	-8.45	70.85	0.11	0.10	GS
OH	1,300.00	6.750	351.590	YNN	1,296.80	81.28	-10.24	81.28	1.38	1.34	GS
OH	1,400.00	7.000	349.660	YNN	1,396.09	93.09	-12.19	93.09	0.34	0.25	GS
OH	1,500.00	6.380	348.970	YNN	1,495.40	104.54	-14.35	104.54	0.63	-0.62	GS
OH	1,600.00	7.370	346.380	YNN	1,594.68	116.23	-16.92	116.23	1.04	0.99	GS
OH	1,700.00	9.410	346.090	YNN	1,693.61	130.40	-20.40	130.40	2.04	2.04	GS
OH	1,800.00	11.210	345.510	YNN	1,791.99	147.74	-24.79	147.74	1.80	1.80	GS
OH	1,900.00	10.580	345.220	YNN	1,890.19	166.01	-29.56	166.01	0.65	-0.65	GS
OH	2,000.00	9.390	343.660	YNN	1,988.68	182.70	-34.20	182.70	1.20	-1.17	GS

Printed: 4/2/2005 12:47:51 PM

BURLINGTON RESOURCES OIL & GAS - SJD

Deviation Summary

Legal Well Name:	CUNDIFF #100	Spud Date:	1/21/2005
Common Well Name:	CUNDIFF #100	Start:	1/21/2005
Event Name:	ORIG DRLG	End:	2/2/2005
Contractor Name:	BEARCAT	Rig Release:	2/2/2005
Rig Name:	BEARCAT	Rig Number:	4
TMD: 2,000.00 (ft)	TVD: 1,988.68 (ft)	Calculation Method:	Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.00

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	60.00	0.750	0.000	YNN	60.00	0.39	0.00	0.39	1.25	1.25	TC
OH	120.00	1.000	0.000	YNN	119.99	1.31	0.00	1.31	0.42	0.42	TC
OH	242.00	1.750	0.000	YNN	241.96	4.24	0.00	4.24	0.61	0.61	TC
OH	455.00	3.000	0.000	YNN	454.77	13.06	0.00	13.06	0.59	0.59	TC
OH	548.00	3.500	0.000	YNN	547.62	18.34	0.00	18.34	0.54	0.54	TC
OH	642.00	3.250	0.000	YNN	641.46	23.87	0.00	23.87	0.27	-0.27	TC
OH	737.00	3.000	0.000	YNN	736.31	29.05	0.00	29.05	0.26	-0.26	TC
OH	831.00	3.250	0.000	YNN	830.17	34.17	0.00	34.17	0.27	0.27	TC
OH	925.00	4.250	0.000	YNN	923.97	40.32	0.00	40.32	1.06	1.06	TC
OH	1,020.00	5.500	0.000	YNN	1,018.83	48.39	0.00	48.39	1.32	1.32	TC
OH	1,082.00	5.500	0.000	YNN	1,080.34	54.34	0.00	54.34	0.00	0.00	TC
OH	1,146.00	5.250	0.000	YNN	1,144.06	60.33	0.00	60.33	0.39	-0.39	TC
OH	1,209.00	5.250	0.000	YNN	1,206.79	66.10	0.00	66.10	0.00	0.00	TC
OH	1,273.00	6.000	0.000	YNN	1,270.49	72.37	0.00	72.37	1.17	1.17	TC
OH	1,343.00	7.000	0.000	YNN	1,340.04	80.29	0.00	80.29	1.43	1.43	TC
OH	1,423.00	7.750	0.000	YNN	1,419.37	90.56	0.00	90.56	0.94	0.94	TC
OH	1,486.00	6.250	0.000	YNN	1,481.90	98.24	0.00	98.24	2.38	-2.38	TC
OH	1,549.00	0.000	0.000	YNY	0.00	0.00	0.00	0.00	0.00	0.00	TC
OH	1,548.00	6.250	0.000	YNN	1,544.53	105.10	0.00	105.10	0.00	0.00	TC
OH	1,612.00	7.250	0.000	YNN	1,607.09	112.50	0.00	112.50	1.59	1.59	TC
OH	1,674.00	5.000	0.000	YNN	1,668.73	119.12	0.00	119.12	3.63	-3.63	TC
OH	1,737.00	10.000	0.000	YNN	1,731.17	127.34	0.00	127.34	7.94	7.94	TC
OH	1,800.00	10.250	0.000	YNN	1,793.19	138.41	0.00	138.41	0.40	0.40	TC
OH	1,863.00	11.250	0.000	YNN	1,855.09	150.16	0.00	150.16	1.59	1.59	TC
OH	1,925.00	10.250	0.000	YNN	1,916.00	161.73	0.00	161.73	1.61	-1.61	TC
OH	2,030.00	10.000	0.000	YNN	2,019.36	180.19	0.00	180.19	0.24	-0.24	TC
OH	0.00	0.000	0.000	NYN	0.00	0.00	0.00	0.00	0.00	0.00	