

# DEVIATION REPORT

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JUN 24 1999

OIL CON. DIV.  
DIST. 3

**Name of Company**  
BURLINGTON RESOURCES

**Lease Name and Number**  
HUERFANO UNIT #302

**Pool and Formation**  
Angels Peak Gallup

**Unit Letter**  
825FNL-1,520FEL

**Address**  
P. O. Box 4289, Farmington, NM 87499

**Sec. Twn. Rge.**  
31 027N 010W

**County**  
SAN JUAN

<u>TMD (Ft.)</u>	<u>Degrees</u>	<u>Azimuth</u>	<u>TVD (Ft.)</u>	<u>N/-S</u>	<u>E/-W</u>	<u>Dogleg</u>	<u>Vert. Section (Ft.)</u>
307	.00	.00	307.00	.00	.00	.00	0.00
416	.97	213.06	416.00	-.57	-.37	1.21	-0.18
478	.27	281.10	478.00	-.98	-.80	1.46	-0.47
540	.85	247.77	539.99	-1.13	-1.37	1.04	-0.97
602	.79	224.89	601.99	-1.60	-2.10	.53	-1.53
850	.71	262.49	849.98	-1.64	-3.56	1.05	-2.91
974	.39	256.95	973.97	-2.29	-4.10	.95	-3.24
1,408	.11	149.63	1,407.96	-3.66	-5.38	1.42	-4.06
1,904	.39	152.72	1,903.93	-7.67	-3.78	.62	-1.34
2,400	.67	211.08	2,399.92	-10.13	-4.02	.12	-0.84
3,082	1.21	237.79	3,081.84	-18.23	-10.00	.38	-4.16
3,392	.45	234.16	3,391.78	-22.77	-13.29	.83	-5.96
3,826	.60	305.27	3,825.77	-23.26	-15.63	.34	-8.04
4,322	.17	128.93	4,321.74	-18.20	-15.85	1.14	-9.74
4,756	.60	85.95	4,755.67	-17.97	-9.41	1.39	-3.67
5,158	1.07	174.98	5,157.63	-23.27	-9.10	1.77	-1.80
5,225	9.56	113.59	5,224.30	-26.13	-3.94	13.58	3.98
5,259	15.88	111.21	5,257.45	-28.94	3.00	18.65	11.43
5,291	23.31	107.71	5,287.57	-32.46	13.12	23.50	22.15
5,323	30.00	112.84	5,316.16	-37.49	26.54	22.09	36.46
5,354	31.69	107.71	5,342.78	-42.98	41.45	10.08	52.32
5,386	35.38	106.34	5,369.45	-48.15	58.35	11.77	69.99
5,418	41.00	104.21	5,394.59	-53.33	77.43	18.04	89.75
5,450	47.38	100.09	5,417.53	-57.98	99.23	21.86	111.95
5,482	53.31	95.09	5,437.95	-61.18	123.63	22.08	136.20
5,513	57.63	94.09	5,455.52	-63.22	149.08	14.19	161.11
5,545	61.06	94.21	5,471.83	-65.21	176.53	10.72	187.92
5,577	64.00	96.46	5,486.59	-67.86	204.79	11.10	215.70
5,609	67.44	98.09	5,499.75	-71.56	233.72	11.71	244.43
5,641	70.88	99.09	5,511.13	-76.03	263.29	11.14	273.99
5,673	73.44	100.84	5,520.93	-81.30	293.28	9.54	304.20
5,705	77.44	102.84	5,528.98	-87.66	323.59	13.89	335.03
5,737	80.50	104.09	5,535.10	-94.97	354.13	10.30	366.37
5,769	81.00	103.96	5,540.24	-102.63	384.77	1.61	397.90
5,801	84.44	104.59	5,544.30	-110.45	415.53	10.93	429.60
5,863	91.50	105.96	5,546.49	-126.77	475.26	11.60	491.48
5,924	92.38	105.46	5,544.43	-143.28	533.95	1.66	552.43
6,020	89.94	105.84	5,542.49	-169.17	626.36	2.57	648.36
6,084	90.38	105.59	5,542.31	-186.50	687.97	.79	712.34
6,147	90.75	105.09	5,541.69	-203.17	748.72	.99	775.30
6,212	88.88	105.09	5,541.90	-220.09	811.48	2.88	840.25
6,244	88.69	104.59	5,542.57	-228.28	842.40	1.67	872.22
6,275	89.31	105.09	5,543.11	-236.22	872.36	2.57	903.19
6,307	89.25	104.96	5,543.52	-244.51	903.27	.45	935.16
6,339	89.13	106.96	5,543.97	-253.31	934.03	6.26	967.15
6,371	88.88	107.96	5,544.53	-262.91	964.55	3.22	999.14
6,403	88.94	108.46	5,545.13	-272.91	994.94	1.57	1,031.13
6,434	86.38	108.95	5,546.40	-282.84	1,024.28	8.41	1,062.09
6,466	82.44	109.59	5,549.52	-293.35	1,054.34	12.47	1,093.91
6,561	86.06	110.59	5,559.03	-325.81	1,143.09	3.95	1,188.30
6,655	86.69	110.46	5,564.98	-358.71	1,230.95	.68	1,281.96
6,719	87.81	112.09	5,568.05	-381.90	1,290.51	3.09	1,345.72

# DEVIATION REPORT

<u>TMD (Ft.)</u>	<u>Degrees</u>	<u>Azimuth</u>	<u>TVD (Ft.)</u>	<u>Root Coordinants</u>		<u>Dogleg</u>	<u>Vert. Section (Ft.)</u>
				<u>N/-S</u>	<u>E/-W</u>		
6,814	90.94	112.09	5,569.08	-417.62	1,378.52	3.29	1,440.36
6,878	91.69	111.59	5,567.61	-441.42	1,437.91	1.41	1,504.14
6,974	87.88	111.84	5,567.97	-476.93	1,527.08	3.98	1,599.82
7,070	89.44	111.96	5,570.22	-512.73	1,616.13	1.63	1,695.48
7,166	90.94	111.09	5,569.90	-547.95	1,705.43	1.81	1,791.20
7,197	91.44	110.84	5,569.26	-559.04	1,734.37	1.80	1,822.13

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for BURLINGTON RESOURCES OIL AND GAS CO., 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.

*[Handwritten Signature]*  
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Subscribed and sworn to before me this 23rd Day of June, 1998

*[Handwritten Signature]*  
\_\_\_\_\_  
Notary Public in and for San Juan County, New Mexico  
My commission expires August 17, 2000

**RECEIVED**  
JUN 24 1998  
**OIL CON. DIV.**