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DEVIATION REPORT

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|--|--|-------------------|---------------------|---------------------|
| Name of Company BURLINGTON RESOURCES | Address P. O. Box 4289, Farmington, NM 87499 | | | |
| Lease Name and Number HARRISON #1R | Unit Letter -570FNL-2,355FWL | Sec. 31 | Twn. 032N | Rge. 010W |
| Pool and Formation Blanco Mesaverde | County SAN JUAN | | | |

| <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> | | |
| 0 | .00 | 308.75 | .00 | .00 | .00 | .00 | 0.00 |
| 200 | .25 | 63.75 | 200.00 | .19 | .39 | .13 | -0.18 |
| 400 | .25 | 246.84 | 400.00 | .21 | .38 | .25 | -0.16 |
| 600 | .25 | 267.93 | 600.00 | .03 | -.46 | .05 | 0.37 |
| 800 | .75 | 228.59 | 799.99 | -.85 | -1.87 | .29 | 0.93 |
| 1,000 | 1.25 | 204.69 | 999.96 | -3.70 | -3.77 | .32 | 0.62 |
| 1,200 | .75 | 197.78 | 1,199.93 | -6.93 | -5.08 | .26 | -0.38 |
| 1,400 | 1.00 | 187.87 | 1,399.90 | -9.91 | -5.72 | .15 | -1.74 |
| 1,600 | 1.25 | 182.97 | 1,599.87 | -13.81 | -6.07 | .13 | -3.91 |
| 1,800 | .75 | 163.05 | 1,799.84 | -17.24 | -5.80 | .30 | -6.27 |
| 2,000 | .75 | 203.25 | 1,999.82 | -19.70 | -5.93 | .26 | -7.70 |
| 2,105 | 1.00 | 224.64 | 2,104.81 | -20.98 | -6.85 | .39 | -7.79 |
| 2,151 | 1.50 | 278.90 | 2,150.80 | -21.17 | -7.73 | 2.66 | -7.23 |
| 2,182 | 3.60 | 302.20 | 2,181.77 | -20.59 | -8.95 | 7.42 | -5.91 |
| 2,213 | 6.00 | 307.30 | 2,212.66 | -19.09 | -11.06 | 7.86 | -3.32 |
| 2,244 | 8.80 | 311.90 | 2,243.39 | -16.53 | -14.12 | 9.23 | 0.67 |
| 2,275 | 11.50 | 313.20 | 2,273.91 | -12.83 | -18.14 | 8.74 | 6.12 |
| 2,306 | 13.70 | 313.80 | 2,304.16 | -8.17 | -23.04 | 7.11 | 12.85 |
| 2,337 | 15.30 | 314.00 | 2,334.17 | -2.79 | -28.63 | 5.16 | 20.58 |
| 2,366 | 17.00 | 314.30 | 2,362.02 | 2.83 | -34.42 | 5.87 | 28.61 |
| 2,400 | 18.30 | 314.60 | 2,394.42 | 10.05 | -41.78 | 3.83 | 38.87 |
| 2,431 | 19.60 | 315.30 | 2,423.74 | 17.16 | -48.90 | 4.26 | 48.88 |
| 2,463 | 20.80 | 316.20 | 2,453.77 | 25.08 | -56.61 | 3.87 | 59.85 |
| 2,494 | 22.30 | 315.90 | 2,482.61 | 33.28 | -64.51 | 4.85 | 71.14 |
| 2,525 | 23.60 | 315.90 | 2,511.15 | 41.96 | -72.92 | 4.19 | 83.13 |
| 2,556 | 24.70 | 316.20 | 2,539.44 | 51.09 | -81.72 | 3.57 | 95.71 |
| 2,587 | 26.20 | 315.80 | 2,567.43 | 60.67 | -90.98 | 4.87 | 108.93 |
| 2,619 | 28.00 | 315.50 | 2,595.91 | 71.09 | -101.17 | 5.64 | 123.40 |
| 2,650 | 30.00 | 315.10 | 2,623.03 | 81.77 | -111.74 | 6.48 | 138.33 |
| 2,831 | 32.00 | 314.00 | 2,778.17 | 147.15 | -178.19 | 1.15 | 231.07 |
| 2,924 | 31.00 | 315.00 | 2,857.46 | 181.20 | -212.85 | 1.21 | 279.42 |
| 3,016 | 30.10 | 316.00 | 2,936.69 | 214.55 | -245.63 | 1.12 | 325.85 |
| 3,109 | 29.50 | 314.00 | 3,017.39 | 247.23 | -278.30 | 1.25 | 371.79 |
| 3,204 | 29.75 | 314.00 | 3,099.98 | 279.85 | -312.08 | .26 | 418.55 |
| 3,235 | 29.00 | 314.00 | 3,126.99 | 290.42 | -323.02 | 2.42 | 433.70 |
| 3,265 | 27.50 | 311.00 | 3,153.42 | 300.01 | -333.48 | 6.88 | 447.86 |
| 3,297 | 27.75 | 307.00 | 3,181.77 | 309.34 | -345.00 | 5.85 | 462.69 |
| 3,327 | 29.25 | 307.00 | 3,208.14 | 317.96 | -356.44 | 5.00 | 477.00 |
| 3,388 | 30.00 | 307.00 | 3,261.16 | 336.11 | -380.52 | 1.23 | 507.14 |
| 3,451 | 30.50 | 306.00 | 3,315.58 | 354.98 | -406.03 | 1.13 | 538.85 |
| 3,546 | 32.50 | 314.00 | 3,396.62 | 386.90 | -443.91 | 4.87 | 588.37 |
| 3,578 | 32.75 | 311.00 | 3,423.57 | 398.55 | -456.63 | 5.11 | 605.58 |
| 3,696 | 30.00 | 314.00 | 3,524.31 | 439.99 | -501.95 | 2.68 | 666.87 |
| 3,756 | 29.00 | 312.50 | 3,576.53 | 460.24 | -523.47 | 2.07 | 696.32 |
| 3,817 | 28.00 | 315.00 | 3,630.14 | 480.35 | -544.49 | 2.55 | 725.31 |
| 3,870 | 29.00 | 315.00 | 3,676.72 | 498.24 | -562.38 | 1.89 | 750.45 |
| 3,931 | 32.50 | 316.00 | 3,729.13 | 520.49 | -584.22 | 5.80 | 781.41 |
| 4,025 | 33.75 | 314.00 | 3,807.86 | 556.79 | -620.55 | 1.77 | 832.47 |
| 4,117 | 34.25 | 311.00 | 3,884.13 | 591.53 | -658.48 | 1.90 | 883.79 |
| 4,335 | 33.25 | 309.00 | 4,065.40 | 669.40 | -751.22 | .69 | 1,004.86 |
| 4,459 | 30.00 | 311.00 | 4,170.97 | 711.14 | -801.05 | 2.75 | 1,069.85 |
| 4,551 | 29.00 | 309.00 | 4,251.05 | 740.27 | -835.75 | 1.53 | 1,115.13 |

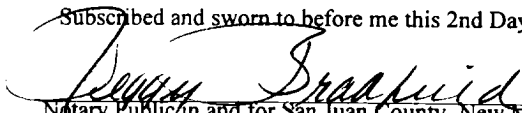
DEVIATION REPORT

| <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> | | |
| 4,650 | 29.00 | 313.00 | 4,337.64 | 771.74 | -871.95 | 1.96 | 1,163.07 |
| 4,772 | 29.75 | 311.00 | 4,443.96 | 811.77 | -916.42 | 1.01 | 1,222.81 |
| 4,865 | 30.50 | 310.00 | 4,524.40 | 842.08 | -951.92 | .97 | 1,269.46 |
| 4,989 | 32.00 | 309.00 | 4,630.40 | 882.98 | -1,001.56 | 1.28 | 1,333.78 |
| 5,082 | 33.00 | 309.00 | 4,708.84 | 914.43 | -1,040.39 | 1.08 | 1,383.75 |
| 5,176 | 34.00 | 308.00 | 4,787.22 | 946.72 | -1,081.00 | 1.22 | 1,435.63 |
| 5,297 | 35.00 | 307.00 | 4,886.94 | 988.43 | -1,135.37 | .95 | 1,504.14 |
| 5,419 | 36.50 | 306.00 | 4,985.95 | 1,030.82 | -1,192.67 | 1.32 | 1,575.36 |
| 5,541 | 36.50 | 306.00 | 5,084.02 | 1,073.47 | -1,251.38 | .00 | 1,647.85 |
| 5,664 | 37.50 | 305.00 | 5,182.25 | 1,116.45 | -1,311.65 | .95 | 1,721.75 |
| 5,789 | 37.75 | 304.00 | 5,281.26 | 1,159.67 | -1,374.54 | .53 | 1,797.85 |
| 5,972 | 37.50 | 301.00 | 5,426.21 | 1,219.69 | -1,468.73 | 1.01 | 1,908.87 |

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.



Subscribed and sworn to before me this 2nd Day of April, 1998



Notary Public in and for San Juan County, New Mexico
My commission expires August 17, 2000