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DEVIATION REPORT

Name of Company  
BURLINGTON RESOURCES  
Lease Name and Number  
SAN JUAN 29-7 UNIT #57B  
Pool and Formation  
Blanco Mesaverde

OIL CON. DIV.  
DIST. 3

Unit Letter  
1,500 ' FSLI,660 ' FSL

Address  
P. O. Box 4289, Farmington, NM 87499  
Sec. 11 Twn. 029N Rge. 007W  
County  
RIO ARRIBA

| TMD (Ft.) | Degrees | Azimuth | TVD (Ft.) | Root Coordinants |         | Dogleg | Vert. Section (Ft.) |
|-----------|---------|---------|-----------|------------------|---------|--------|---------------------|
|           |         |         |           | N-S              | E-W     |        |                     |
| 500       | .00     | 231.07  | 500.00    | .00              | .00     | .00    | 0.00                |
| 512       | 1.75    | .00     | .00       | .00              | .00     | .00    | 0.00                |
| 528       | 1.60    | 332.50  | 528.00    | .35              | -.18    | 5.71   | -0.08               |
| 557       | 1.70    | 326.50  | 556.98    | 1.06             | -.60    | .69    | -0.20               |
| 586       | 1.80    | 302.90  | 585.97    | 1.67             | -1.22   | 2.49   | -0.10               |
| 615       | 2.30    | 276.60  | 614.95    | 1.98             | -2.19   | 3.63   | 0.45                |
| 644       | 3.10    | 263.20  | 643.92    | 1.96             | -3.54   | 3.50   | 1.52                |
| 673       | 4.20    | 251.30  | 672.86    | 1.53             | -5.33   | 4.59   | 3.18                |
| 705       | 5.60    | 247.00  | 704.74    | .54              | -7.87   | 4.52   | 5.79                |
| 735       | 7.30    | 246.00  | 734.55    | -.81             | -10.96  | 5.68   | 9.04                |
| 766       | 9.00    | 244.60  | 765.24    | -2.65            | -14.95  | 5.52   | 13.30               |
| 797       | 10.50   | 242.10  | 795.79    | -5.01            | -19.64  | 5.03   | 18.43               |
| 826       | 11.80   | 239.70  | 824.24    | -7.74            | -24.54  | 4.76   | 23.95               |
| 856       | 13.40   | 236.50  | 853.52    | -11.21           | -30.08  | 5.82   | 30.45               |
| 887       | 15.60   | 235.10  | 883.53    | -15.58           | -36.50  | 7.19   | 38.18               |
| 918       | 17.70   | 233.00  | 913.23    | -20.80           | -43.68  | 7.05   | 47.05               |
| 950       | 19.50   | 231.90  | 943.56    | -27.02           | -51.77  | 5.73   | 57.25               |
| 982       | 21.30   | 230.50  | 973.55    | -34.02           | -60.46  | 5.83   | 68.41               |
| 1,012     | 23.10   | 230.90  | 1,001.32  | -41.19           | -69.23  | 6.02   | 79.74               |
| 1,043     | 25.40   | 231.60  | 1,029.59  | -49.16           | -79.16  | 7.48   | 92.47               |
| 1,074     | 27.70   | 230.50  | 1,057.32  | -57.87           | -89.93  | 7.59   | 106.33              |
| 1,105     | 29.70   | 229.50  | 1,084.51  | -67.45           | -101.33 | 6.63   | 121.21              |
| 1,136     | 31.60   | 229.50  | 1,111.17  | -77.71           | -113.35 | 6.13   | 137.01              |
| 1,167     | 33.30   | 229.50  | 1,137.33  | -88.51           | -126.00 | 5.48   | 153.63              |
| 1,198     | 35.20   | 230.20  | 1,162.96  | -99.76           | -139.33 | 6.26   | 171.07              |
| 1,258     | 38.40   | 231.60  | 1,210.99  | -122.41          | -167.23 | 5.51   | 207.01              |
| 1,289     | 38.90   | 231.90  | 1,235.20  | -134.39          | -182.44 | 1.72   | 226.37              |
| 1,319     | 40.00   | 230.90  | 1,258.37  | -146.29          | -197.33 | 4.23   | 245.43              |
| 1,350     | 40.70   | 230.20  | 1,282.00  | -159.04          | -212.83 | 2.69   | 265.50              |
| 1,381     | 40.90   | 230.20  | 1,305.46  | -172.01          | -228.39 | .65    | 285.75              |
| 1,412     | 41.20   | 229.80  | 1,328.84  | -185.09          | -243.99 | 1.29   | 306.11              |
| 1,443     | 41.40   | 230.20  | 1,352.13  | -198.25          | -259.66 | 1.07   | 326.56              |
| 1,474     | 41.90   | 229.50  | 1,375.29  | -211.53          | -275.41 | 2.20   | 347.16              |
| 1,505     | 42.20   | 229.50  | 1,398.31  | -225.01          | -291.19 | .97    | 367.92              |
| 1,535     | 41.10   | 229.50  | 1,420.73  | -237.96          | -306.36 | 3.67   | 387.85              |
| 1,567     | 40.70   | 228.80  | 1,444.92  | -251.67          | -322.20 | 1.90   | 408.79              |
| 1,597     | 41.00   | 228.80  | 1,467.61  | -264.59          | -336.97 | 1.00   | 428.39              |
| 1,628     | 41.30   | 228.80  | 1,490.95  | -278.03          | -352.32 | .97    | 448.78              |
| 1,659     | 41.50   | 228.80  | 1,514.21  | -291.53          | -367.74 | .65    | 469.26              |
| 1,691     | 41.70   | 229.10  | 1,538.13  | -305.48          | -383.76 | .88    | 490.49              |
| 1,722     | 40.30   | 229.80  | 1,561.53  | -318.71          | -399.22 | 4.75   | 510.82              |
| 1,753     | 39.30   | 229.80  | 1,585.35  | -331.51          | -414.37 | 3.23   | 530.66              |
| 1,784     | 39.40   | 230.50  | 1,609.32  | -344.11          | -429.46 | 1.47   | 550.31              |
| 1,815     | 39.50   | 230.90  | 1,633.26  | -356.58          | -444.70 | .88    | 570.01              |
| 1,847     | 39.60   | 230.90  | 1,657.93  | -369.43          | -460.52 | .31    | 590.38              |
| 1,878     | 39.70   | 231.20  | 1,681.80  | -381.87          | -475.90 | .70    | 610.17              |
| 1,910     | 39.70   | 231.60  | 1,706.42  | -394.62          | -491.88 | .80    | 630.61              |
| 1,942     | 39.60   | 232.30  | 1,731.06  | -407.21          | -507.95 | 1.43   | 651.02              |
| 1,974     | 39.90   | 232.60  | 1,755.66  | -419.68          | -524.18 | 1.11   | 671.48              |
| 2,006     | 39.90   | 232.60  | 1,780.21  | -432.15          | -540.48 | .00    | 692.00              |
| 2,036     | 40.00   | 233.00  | 1,803.21  | -443.79          | -555.83 | .92    | 711.25              |
| 2,067     | 40.30   | 233.00  | 1,826.90  | -455.82          | -571.79 | .97    | 731.23              |

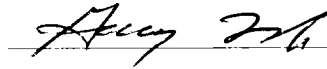
# DEVIATION REPORT

| <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> |               |                            |
| 2,098            | 39.20          | 231.60         | 1,850.74         | -467.94                 | -587.48     | 4.57          | 751.05                     |
| 2,129            | 38.50          | 231.60         | 1,874.88         | -480.02                 | -602.72     | 2.26          | 770.49                     |
| 2,158            | 38.70          | 231.90         | 1,897.55         | -491.22                 | -616.92     | .94           | 788.58                     |
| 2,189            | 38.80          | 231.90         | 1,921.72         | -503.19                 | -632.19     | .32           | 807.98                     |
| 2,221            | 39.00          | 232.30         | 1,946.63         | -515.54                 | -648.05     | 1.00          | 828.07                     |
| 2,252            | 39.10          | 232.60         | 1,970.70         | -527.44                 | -663.53     | .69           | 847.60                     |
| 2,283            | 39.20          | 232.30         | 1,994.74         | -539.37                 | -679.05     | .69           | 867.17                     |
| 2,313            | 39.20          | 233.00         | 2,017.99         | -550.87                 | -694.12     | 1.47          | 886.12                     |
| 2,344            | 39.40          | 233.30         | 2,041.98         | -562.65                 | -709.83     | .89           | 905.74                     |
| 2,374            | 39.60          | 232.60         | 2,065.13         | -574.14                 | -725.06     | 1.63          | 924.81                     |
| 2,405            | 39.80          | 232.30         | 2,088.98         | -586.21                 | -740.76     | .89           | 944.61                     |
| 2,437            | 38.80          | 233.30         | 2,113.74         | -598.47                 | -756.91     | 3.70          | 964.87                     |
| 2,468            | 38.20          | 233.30         | 2,138.00         | -610.00                 | -772.38     | 1.94          | 984.15                     |
| 2,499            | 38.40          | 233.70         | 2,162.33         | -621.43                 | -787.82     | 1.03          | 1,003.35                   |
| 2,530            | 38.40          | 233.30         | 2,186.62         | -632.88                 | -803.30     | .80           | 1,022.58                   |
| 2,560            | 38.20          | 233.30         | 2,210.17         | -643.99                 | -818.21     | .67           | 1,041.16                   |
| 2,591            | 38.30          | 233.70         | 2,234.51         | -655.41                 | -833.64     | .86           | 1,060.34                   |
| 2,622            | 38.50          | 233.70         | 2,258.81         | -666.81                 | -849.16     | .65           | 1,079.57                   |
| 2,652            | 38.60          | 234.00         | 2,282.27         | -677.84                 | -864.25     | .71           | 1,098.25                   |
| 2,684            | 38.70          | 233.30         | 2,307.26         | -689.68                 | -880.35     | 1.40          | 1,118.21                   |
| 2,715            | 38.50          | 233.30         | 2,331.49         | -701.24                 | -895.86     | .65           | 1,137.54                   |
| 2,746            | 38.50          | 233.30         | 2,355.75         | -712.77                 | -911.33     | .00           | 1,156.82                   |
| 2,778            | 38.50          | 232.60         | 2,380.79         | -724.78                 | -927.23     | 1.36          | 1,176.73                   |
| 2,809            | 38.40          | 233.70         | 2,405.07         | -736.34                 | -942.65     | 2.23          | 1,195.99                   |
| 2,840            | 38.30          | 233.30         | 2,429.38         | -747.78                 | -958.11     | .86           | 1,215.21                   |
| 2,870            | 38.60          | 233.30         | 2,452.88         | -758.93                 | -973.07     | 1.00          | 1,233.85                   |
| 2,901            | 37.40          | 233.00         | 2,477.30         | -770.37                 | -988.34     | 3.92          | 1,252.92                   |
| 2,933            | 37.20          | 235.10         | 2,502.76         | -781.75                 | -1,004.04   | 4.03          | 1,272.29                   |
| 2,962            | 36.40          | 233.30         | 2,525.98         | -791.91                 | -1,018.13   | 4.63          | 1,289.63                   |
| 2,994            | 35.60          | 234.00         | 2,551.87         | -803.06                 | -1,033.28   | 2.81          | 1,308.42                   |
| 3,024            | 34.80          | 234.40         | 2,576.38         | -813.18                 | -1,047.30   | 2.78          | 1,325.69                   |
| 3,055            | 34.40          | 234.00         | 2,601.90         | -823.48                 | -1,061.58   | 1.48          | 1,343.26                   |
| 3,086            | 33.40          | 233.00         | 2,627.63         | -833.76                 | -1,075.48   | 3.69          | 1,360.54                   |
| 3,118            | 32.70          | 231.60         | 2,654.45         | -844.43                 | -1,089.29   | 3.24          | 1,377.98                   |
| 3,149            | 31.50          | 231.20         | 2,680.71         | -854.70                 | -1,102.16   | 3.93          | 1,394.46                   |
| 3,181            | 30.60          | 230.90         | 2,708.13         | -865.08                 | -1,115.00   | 2.85          | 1,410.96                   |
| 3,212            | 29.40          | 231.20         | 2,734.98         | -874.82                 | -1,127.05   | 3.90          | 1,426.46                   |
| 3,244            | 28.80          | 231.20         | 2,762.94         | -884.58                 | -1,139.18   | 1.88          | 1,442.02                   |
| 3,275            | 27.20          | 231.20         | 2,790.31         | -893.69                 | -1,150.52   | 5.16          | 1,456.58                   |
| 3,307            | 26.30          | 230.90         | 2,818.88         | -902.75                 | -1,161.72   | 2.84          | 1,470.98                   |
| 3,338            | 24.30          | 231.60         | 2,846.91         | -911.04                 | -1,172.05   | 6.52          | 1,484.23                   |
| 3,369            | 22.60          | 234.40         | 2,875.35         | -918.47                 | -1,181.89   | 6.56          | 1,496.55                   |
| 3,400            | 21.40          | 235.00         | 2,904.09         | -925.18                 | -1,191.37   | 3.94          | 1,508.14                   |
| 3,431            | 20.60          | 236.10         | 2,933.03         | -931.47                 | -1,200.53   | 2.88          | 1,519.22                   |
| 3,461            | 19.20          | 235.40         | 2,961.24         | -937.22                 | -1,208.97   | 4.73          | 1,529.39                   |
| 3,492            | 18.40          | 235.40         | 2,990.58         | -942.89                 | -1,217.20   | 2.58          | 1,539.36                   |
| 3,522            | 16.70          | 234.00         | 3,019.19         | -948.11                 | -1,224.58   | 5.84          | 1,548.38                   |
| 3,554            | 15.70          | 233.00         | 3,049.91         | -953.42                 | -1,231.76   | 3.24          | 1,557.30                   |
| 3,585            | 15.20          | 232.60         | 3,079.79         | -958.41                 | -1,238.34   | 1.65          | 1,565.56                   |
| 3,617            | 13.50          | 232.50         | 3,110.79         | -963.23                 | -1,244.63   | 5.31          | 1,573.49                   |
| 3,647            | 12.80          | 233.00         | 3,140.01         | -967.37                 | -1,250.07   | 2.36          | 1,580.31                   |
| 3,678            | 10.70          | 233.00         | 3,170.36         | -971.16                 | -1,255.11   | 6.77          | 1,586.62                   |
| 3,710            | 9.80           | 232.60         | 3,201.85         | -974.61                 | -1,259.64   | 2.82          | 1,592.31                   |
| 3,740            | 9.20           | 229.10         | 3,231.43         | -977.73                 | -1,263.48   | 2.78          | 1,597.26                   |
| 3,770            | 8.60           | 228.40         | 3,261.07         | -980.79                 | -1,266.97   | 2.03          | 1,601.89                   |
| 3,800            | 8.10           | 227.40         | 3,290.75         | -983.71                 | -1,270.21   | 1.74          | 1,606.24                   |
| 3,831            | 7.80           | 225.60         | 3,321.46         | -986.66                 | -1,273.32   | 1.26          | 1,610.52                   |
| 3,863            | 7.90           | 226.30         | 3,353.16         | -989.70                 | -1,276.46   | .43           | 1,614.87                   |
| 3,894            | 7.10           | 229.80         | 3,383.89         | -992.40                 | -1,279.46   | 2.97          | 1,618.91                   |
| 3,925            | 5.50           | 232.30         | 3,414.70         | -994.55                 | -1,282.10   | 5.24          | 1,622.31                   |
| 3,956            | 4.70           | 234.70         | 3,445.58         | -996.19                 | -1,284.31   | 2.67          | 1,625.06                   |

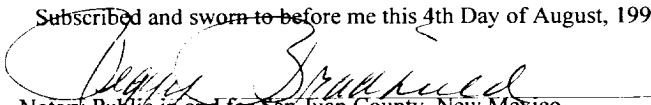
# DEVIATION REPORT

| <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> |               |                            |
| 3,988            | 3.70           | 241.40         | 3,477.49         | -997.44                 | -1,286.29   | 3.48          | 1,627.39                   |
| 4,246            | 2.50           | 236.55         | 3,735.11         | -1,004.53               | -1,298.29   | .48           | 1,641.18                   |
| 4,528            | 2.00           | 231.45         | 4,016.89         | -1,010.99               | -1,307.27   | .19           | 1,652.22                   |
| 4,809            | 1.50           | 56.45          | 4,297.85         | -1,012.01               | -1,308.04   | 1.24          | 1,653.46                   |
| 5,185            | .75            | 61.45          | 4,673.77         | -1,008.11               | -1,301.78   | .20           | 1,646.14                   |
| 5,465            | .50            | 196.45         | 4,953.77         | -1,008.41               | -1,300.52   | .41           | 1,645.35                   |
| 5,775            | .75            | 246.45         | 5,263.75         | -1,010.52               | -1,302.76   | .19           | 1,648.42                   |
| 6,080            | .75            | 151.45         | 5,568.73         | -1,013.07               | -1,303.64   | .36           | 1,650.70                   |
| 6,267            | 1.50           | 136.45         | 5,755.70         | -1,015.92               | -1,301.36   | .43           | 1,650.72                   |

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for BURLINGTON RESOURCES OIL & 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 4th Day of August, 1997

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