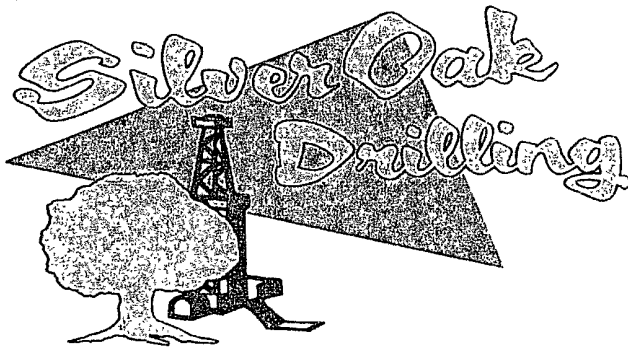


UCD Rec'd 3-25-10



PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

December 21, 2009

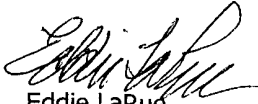
Yates Petroleum Corporation  
105 S. 4th  
Artesia, NM 88211-1395

RE: Petrogulf BJT Federal #1H  
660' FSL & 330' FEL  
Sec. 14, T24S, R31E  
Eddy County, New Mexico

Dear Sir,

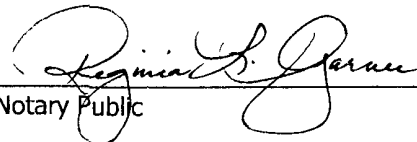
The attached is the Deviation Survey for the above captioned well.

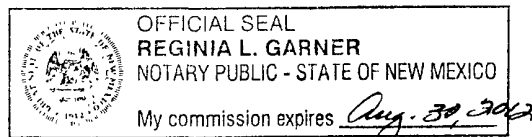
Very truly yours,

  
Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 21<sup>st</sup> day of December, 2009.

  
Notary Public



# Pason DataHub Deviation Survey 2009/12/18 15:09:45

# Well Dossier 1257172714 - PETROGULF BJTFED 1H

#

| # | Date       | Depth | Deviation | Direction | TVD     | Horiz Disp |
|---|------------|-------|-----------|-----------|---------|------------|
|   | 11/2/2009  | 200   | 0.40      | 0.00      | 0.00    | 0.00       |
|   | 11/3/2009  | 480   | 0.60      | 0.00      | 0.00    | 0.00       |
|   | 11/4/2009  | 690   | 0.90      | 0.00      | 0.00    | 0.00       |
|   | 11/4/2009  | 909   | 1.00      | 0.00      | 0.00    | 0.00       |
|   | 11/6/2009  | 952   | 0.62      | 35.61     | 0.00    | 0.00       |
|   | 11/6/2009  | 1201  | 0.79      | 40.56     | 0.00    | 0.00       |
|   | 11/6/2009  | 1328  | 0.97      | 37.25     | 0.00    | 0.00       |
|   | 11/6/2009  | 1456  | 1.58      | 27.92     | 0.00    | 0.00       |
|   | 11/6/2009  | 1583  | 0.88      | 4.08      | 0.00    | 0.00       |
|   | 11/6/2009  | 1710  | 1.23      | 2.29      | 0.00    | 0.00       |
|   | 11/6/2009  | 1837  | 1.14      | 287.50    | 1836.86 | 0.00       |
|   | 11/6/2009  | 1964  | 1.49      | 291.87    | 0.00    | 0.00       |
|   | 11/6/2009  | 2091  | 0.18      | 101.04    | 0.00    | 0.00       |
|   | 11/6/2009  | 2217  | 0.49      | 102.49    | 0.00    | 0.00       |
|   | 11/7/2009  | 2344  | 0.70      | 81.42     | 0.00    | 0.00       |
|   | 11/7/2009  | 2598  | 1.06      | 90.92     | 0.00    | 0.00       |
|   | 11/7/2009  | 2471  | 0.88      | 89.19     | 0.00    | 0.00       |
|   | 11/7/2009  | 2725  | 1.41      | 165.49    | 0.00    | 0.00       |
|   | 11/7/2009  | 2851  | 1.41      | 218.56    | 0.00    | 0.00       |
|   | 11/7/2009  | 2979  | 0.70      | 238.69    | 0.00    | 0.00       |
|   | 11/7/2009  | 3105  | 0.62      | 251.20    | 3104.60 | 0.00       |
|   | 11/7/2009  | 3232  | 0.88      | 274.40    | 0.00    | 0.00       |
|   | 11/8/2009  | 3359  | 0.79      | 333.82    | 0.00    | 0.00       |
|   | 11/8/2009  | 3486  | 0.88      | 338.53    | 0.00    | 0.00       |
|   | 11/8/2009  | 3613  | 1.14      | 349.20    | 0.00    | 0.00       |
|   | 11/8/2009  | 3740  | 1.14      | 33.64     | 3739.61 | 0.00       |
|   | 11/8/2009  | 3867  | 1.06      | 105.31    | 0.00    | 0.00       |
|   | 11/9/2009  | 3994  | 0.26      | 125.67    | 0.00    | 0.00       |
|   | 11/9/2009  | 4120  | 1.23      | 103.40    | 0.00    | 0.00       |
|   | 11/9/2009  | 4248  | 2.02      | 130.25    | 0.00    | 0.00       |
|   | 11/9/2009  | 4374  | 1.58      | 139.38    | 0.00    | 0.00       |
|   | 11/11/2009 | 4581  | 1.50      | 0.00      | 0.00    | 0.00       |
|   | 11/11/2009 | 4833  | 1.20      | 0.00      | 0.00    | 0.00       |
|   | 11/11/2009 | 5093  | 0.80      | 0.00      | 0.00    | 0.00       |
|   | 11/12/2009 | 5596  | 0.40      | 0.00      | 0.00    | 0.00       |
|   | 11/12/2009 | 6041  | 0.40      | 0.00      | 0.00    | 0.00       |
|   | 11/12/2009 | 6552  | 0.40      | 0.00      | 0.00    | 0.00       |
|   | 11/13/2009 | 7055  | 0.60      | 0.00      | 0.00    | 0.00       |
|   | 11/13/2009 | 7627  | 0.40      | 0.00      | 0.00    | 0.00       |
|   | 11/15/2009 | 8170  | 0.60      | 0.00      | 0.00    | 0.00       |
|   | 11/15/2009 | 8645  | 0.70      | 0.00      | 0.00    | 0.00       |
|   | 11/16/2009 | 9120  | 3.10      | 0.00      | 0.00    | 0.00       |
|   | 11/18/2009 | 9525  | 3.10      | 0.00      | 0.00    | 0.00       |
|   | 11/23/2009 | 7833  | 5.01      | 251.21    | 0.00    | 0.00       |
|   | 11/23/2009 | 7865  | 9.06      | 253.61    | 7863.94 | 0.00       |
|   | 11/23/2009 | 7897  | 12.93     | 255.71    | 7895.35 | 0.00       |
|   | 11/23/2009 | 7928  | 16.36     | 258.32    | 7925.34 | 0.00       |
|   | 11/23/2009 | 7960  | 19.61     | 261.86    | 7955.77 | 0.00       |
|   | 11/24/2009 | 7992  | 22.51     | 266.13    | 7985.00 | 0.00       |
|   | 11/24/2009 | 8055  | 28.58     | 270.03    | 8042.00 | 0.00       |
|   | 11/24/2009 | 8024  | 25.76     | 267.77    | 8014.00 | 0.00       |
|   | 11/24/2009 | 8088  | 31.33     | 271.93    | 8071.00 | 0.00       |
|   | 11/24/2009 | 8120  | 33.70     | 273.94    | 8097.98 | 0.00       |
|   | 11/25/2009 | 8151  | 36.05     | 276.10    | 8123.00 | 0.00       |

## # Well Dossier 1257172714 - PETROGULF BJTFED 1H

#

| # Date     | Depth | Deviation | Direction | TVD     | Horiz Disp |
|------------|-------|-----------|-----------|---------|------------|
| 11/25/2009 | 8215  | 41.42     | 276.09    | 8173.00 | 0.00       |
| 11/25/2009 | 8183  | 38.69     | 276.48    | 8148.00 | 0.00       |
| 11/25/2009 | 8246  | 44.40     | 276.91    | 0.00    | 0.00       |
| 11/25/2009 | 8278  | 48.01     | 275.29    | 0.00    | 0.00       |
| 11/25/2009 | 8310  | 51.44     | 274.18    | 8238.85 | 0.00       |
| 11/25/2009 | 8341  | 56.19     | 272.96    | 8257.00 | 0.00       |
| 11/26/2009 | 8373  | 60.50     | 271.80    | 8273.00 | 0.00       |
| 11/26/2009 | 8405  | 64.19     | 270.92    | 8288.00 | 0.00       |
| 11/26/2009 | 8436  | 66.74     | 269.92    | 0.00    | 0.00       |
| 11/26/2009 | 8468  | 69.73     | 269.24    | 8513.52 | 0.00       |
| 11/26/2009 | 8500  | 73.02     | 268.81    | 8323.00 | 0.00       |
| 11/27/2009 | 8532  | 77.38     | 268.79    | 8331.00 | 0.00       |
| 11/27/2009 | 8563  | 81.95     | 268.62    | 8337.00 | 0.00       |
| 11/27/2009 | 8595  | 83.80     | 268.02    | 8341.00 | 0.00       |
| 11/27/2009 | 8617  | 84.24     | 267.41    | 8343.00 | 0.00       |
| 11/28/2009 | 8649  | 85.30     | 267.79    | 8346.00 | 0.00       |
| 11/28/2009 | 8681  | 88.29     | 268.04    | 8348.00 | 0.00       |
| 11/28/2009 | 8712  | 89.87     | 268.69    | 8348.00 | 0.00       |
| 11/28/2009 | 8744  | 90.13     | 268.73    | 8348.00 | 605.00     |
| 11/28/2009 | 8839  | 90.22     | 268.14    | 8348.00 | 700.00     |
| 11/28/2009 | 8934  | 90.31     | 268.80    | 8348.00 | 795.00     |
| 11/28/2009 | 9029  | 89.69     | 268.42    | 8348.00 | 890.00     |
| 11/28/2009 | 9124  | 89.25     | 267.07    | 8348.80 | 985.25     |
| 11/28/2009 | 9219  | 90.31     | 266.68    | 8348.90 | 1080.00    |
| 11/28/2009 | 9315  | 89.96     | 266.15    | 8348.00 | 1175.00    |
| 11/29/2009 | 9410  | 91.01     | 266.98    | 8347.00 | 1270.00    |
| 11/29/2009 | 9505  | 90.80     | 267.50    | 8346.00 | 1365.00    |
| 11/29/2009 | 9600  | 91.01     | 268.21    | 8345.00 | 1460.00    |
| 11/29/2009 | 9696  | 91.10     | 268.32    | 8343.20 | 1556.00    |
| 11/29/2009 | 9790  | 90.66     | 268.00    | 8341.80 | 1650.50    |
| 11/29/2009 | 9886  | 91.28     | 267.35    | 8340.19 | 1746.00    |
| 11/30/2009 | 9981  | 92.15     | 267.17    | 8337.00 | 1841.00    |
| 11/30/2009 | 10076 | 92.42     | 269.61    | 8333.00 | 1936.00    |
| 11/30/2009 | 10171 | 92.59     | 268.89    | 8329.00 | 2031.00    |
| 11/30/2009 | 10266 | 91.98     | 269.54    | 8325.00 | 2126.00    |
| 11/30/2009 | 10361 | 92.33     | 269.92    | 8322.00 | 2221.00    |
| 12/1/2009  | 10456 | 91.63     | 269.76    | 8318.00 | 2315.00    |
| 12/2/2009  | 10551 | 91.36     | 270.80    | 8316.29 | 2410.00    |
| 12/2/2009  | 10647 | 89.43     | 271.60    | 8315.00 | 2509.00    |
| 12/2/2009  | 10742 | 89.60     | 271.02    | 8316.40 | 2601.80    |
| 12/3/2009  | 10837 | 91.98     | 271.14    | 8315.12 | 2696.51    |
| 12/4/2009  | 10932 | 89.87     | 272.43    | 8313.00 | 0.00       |
| 12/6/2009  | 11027 | 89.08     | 272.29    | 8314.00 | 2886.00    |
| 12/6/2009  | 11122 | 85.47     | 270.85    | 8318.00 | 2985.00    |
| 12/6/2009  | 11218 | 86.53     | 270.40    | 8325.00 | 3081.00    |
| 12/6/2009  | 11313 | 88.55     | 271.44    | 8329.00 | 3176.00    |
| 12/7/2009  | 11408 | 88.37     | 271.24    | 8332.00 | 3271.00    |
| 12/7/2009  | 11503 | 88.64     | 270.93    | 8334.00 | 3366.00    |
| 12/7/2009  | 11598 | 89.16     | 270.99    | 8336.00 | 3461.00    |
| 12/7/2009  | 11693 | 89.25     | 270.84    | 8337.00 | 3631.00    |
| 12/7/2009  | 11788 | 89.16     | 270.66    | 8339.00 | 3651.00    |
| 12/8/2009  | 11883 | 90.04     | 270.38    | 8339.00 | 3746.00    |
| 12/11/2009 | 11978 | 93.39     | 271.19    | 8336.00 | 3841.00    |
| 12/11/2009 | 12073 | 92.24     | 268.89    | 8332.00 | 3935.00    |
| 12/11/2009 | 12168 | 92.59     | 268.40    | 8328.20 | 4030.80    |

# Well Dossier 1257172714 - PETROGULF BJTFED 1H

#

| # | Date       | Depth | Deviation | Direction | TVD     | Horiz Disp |
|---|------------|-------|-----------|-----------|---------|------------|
|   | 12/12/2009 | 12263 | 91.45     | 266.08    | 8325.00 | 4125.00    |
|   | 12/13/2009 | 12358 | 91.63     | 265.07    | 8322.00 | 4220.00    |
|   | 12/13/2009 | 12453 | 92.15     | 263.79    | 8319.00 | 4314.00    |
|   | 12/13/2009 | 12548 | 92.15     | 262.85    | 8315.76 | 4409.00    |

# EOF