

Robinson Bros. Drilling Company
1000 Gihls Tower West
Midland, Texas 79701

New Mexico Oil & Gas Commission
P. O. Box 1980
Hobbs, New Mexico 88240

Gentlemen:

We submit the following deviation surveys for your information:

Field Name _____ County _____ Lea _____ State New Mexico
Operator Penroc Oil Corp. Address Drawer 831 City Midland, Texas
Lease Name Humble City State Well No. 1 Section 15 Township T-17-S
Range R-37-E

<u>Depth(feet)</u>	<u>Inclination(degrees)</u>	<u>Displacement(feet)</u>	<u>Accumulative Displacement(feet)</u>
<u>430</u>	<u>3/4</u>	<u>5.63</u>	<u>5.63</u>
<u>930</u>	<u>3/4</u>	<u>6.54</u>	<u>12.17</u>
<u>1400</u>	<u>1/2</u>	<u>4.10</u>	<u>16.27</u>
<u>1890</u>	<u>3/4</u>	<u>6.41</u>	<u>22.68</u>
<u>2202</u>	<u>3/4</u>	<u>4.08</u>	<u>26.76</u>
<u>2682</u>	<u>1/2</u>	<u>4.19</u>	<u>30.95</u>
<u>3150</u>	<u>3/4</u>	<u>6.13</u>	<u>37.08</u>
<u>3292</u>	<u>1</u>	<u>2.48</u>	<u>39.56</u>
<u>3678</u>	<u>1</u>	<u>6.73</u>	<u>46.29</u>
<u>4178</u>	<u>1</u>	<u>8.72</u>	<u>55.01</u>
<u>4700</u>	<u>1/4</u>	<u>2.28</u>	<u>57.29</u>
<u>5152</u>	<u>1</u>	<u>7.89</u>	<u>65.18</u>
<u>5624</u>	<u>1 1/4</u>	<u>10.30</u>	<u>75.48</u>
<u>6100</u>	<u>1</u>	<u>8.31</u>	<u>83.79</u>
<u>6590</u>	<u>3/4</u>	<u>6.41</u>	<u>90.20</u>
<u>7071</u>	<u>1 1/4</u>	<u>10.49</u>	<u>100.69</u>
<u>7718</u>	<u>1</u>	<u>11.29</u>	<u>111.98</u>
<u>8200</u>	<u>3/4</u>	<u>6.31</u>	<u>118.29</u>
<u>8690</u>	<u>3/4</u>	<u>6.41</u>	<u>124.70</u>
<u>9170</u>	<u>1 1/4</u>	<u>10.47</u>	<u>135.17</u>
<u>9394</u>	<u>3/4</u>	<u>2.93</u>	<u>138.10</u>
<u>9860</u>	<u>3/4</u>	<u>6.10</u>	<u>144.20</u>
<u>10134</u>	<u>1</u>	<u>4.78</u>	<u>148.98</u>
<u>10535</u>	<u>1 1/4</u>	<u>8.73</u>	<u>157.71</u>
<u>10922</u>	<u>1 1/2</u>	<u>10.13</u>	<u>167.84</u>
<u>11422</u>	<u>1 1/4</u>	<u>10.91</u>	<u>178.75</u>
<u>11660</u>	<u>1 1/4</u>	<u>5.19</u>	<u>183.94</u>

Total Displacement 183.94

Survey was run in drill pipe

Certification of Personal Knowledge Inclination Data:

I hereby certify that I have personal knowledge of the data and facts on this form and that such information given above is true and complete.

C. M. Anderson
C. M. Anderson, President

ROBINSON BROS. DRILLING CO.

Sworn and Subscribed to me this the 21st day of November 1974

My Commission expires 6-1-75.

P. B. Zellmer
P.B. Zellmer Notary in and for
Midland County, Texas