

| FLUID SAMPLE DATA                                                                                                                                                                      |              |                                                  |             | Date 9-19-76                                      |               | Ticket Number 760072                |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------|-------------|---------------------------------------------------|---------------|-------------------------------------|------------|
| Sampler Pressure <u>1500</u> P.S.I.G. at Surface<br>Recovery: Cu. Ft. Gas <u>8.359</u><br>cc. Oil <u>550</u><br>cc. Water <u>950 sulphur</u><br>cc. Mud _____<br>Tot. Liquid cc. _____ |              |                                                  |             | Kind of Job <b>OPEN HOLE</b>                      |               | Halliburton District <b>ARTESIA</b> |            |
| Gravity <u>42</u> ° API @ <u>60</u> ° F.                                                                                                                                               |              |                                                  |             | Tester <b>MR. RITTER</b>                          |               | Witness <b>MR. CONE</b>             |            |
| Gas/Oil Ratio _____ cu. ft./bbl.                                                                                                                                                       |              |                                                  |             | Drilling Contractor <b>MORAN BROTHERS</b>         |               | PW IC                               |            |
| RESISTIVITY _____ CHLORIDE CONTENT _____                                                                                                                                               |              |                                                  |             | <b>EQUIPMENT &amp; HOLE DATA</b>                  |               |                                     |            |
| Recovery Water _____ @ _____ ° F. _____ ppm                                                                                                                                            |              |                                                  |             | Formation Tested <u>Cisco</u>                     |               |                                     |            |
| Recovery Mud _____ @ _____ ° F. _____ ppm                                                                                                                                              |              |                                                  |             | Elevation <u>3606'</u> GL _____ Ft.               |               |                                     |            |
| Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm                                                                                                                                     |              |                                                  |             | Net Productive Interval <u>12'</u> _____ Ft.      |               |                                     |            |
| Mud Pit Sample _____ @ _____ ° F. _____ ppm                                                                                                                                            |              |                                                  |             | All Depths Measured From <u>15' Kelly Bushing</u> |               |                                     |            |
| Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm                                                                                                                                   |              |                                                  |             | Total Depth <u>7895'</u> _____ Ft.                |               |                                     |            |
| Mud Weight <u>9.9</u> vis <u>42 SEC.</u> cp                                                                                                                                            |              |                                                  |             | Main Hole/Casing Size <u>7 7/8"</u>               |               |                                     |            |
|                                                                                                                                                                                        |              |                                                  |             | Drill Collar Length <u>540'</u> I.D. <u>2.25"</u> |               |                                     |            |
|                                                                                                                                                                                        |              |                                                  |             | Drill Pipe Length <u>7217'</u> I.D. <u>3.826"</u> |               |                                     |            |
|                                                                                                                                                                                        |              |                                                  |             | Packer Depth(s) <u>7757' - 7763'</u> _____ Ft.    |               |                                     |            |
|                                                                                                                                                                                        |              |                                                  |             | Depth Tester Valve <u>7740'</u> _____ Ft.         |               |                                     |            |
| TYPE                                                                                                                                                                                   |              | AMOUNT                                           |             | Depth Back                                        |               | Surface                             |            |
| Cushion                                                                                                                                                                                |              | -                                                |             | Ft. Pres. Valve                                   |               | Choke                               |            |
|                                                                                                                                                                                        |              |                                                  |             |                                                   |               | 1" ADJ. Bottom Choke <u>.75"</u>    |            |
| Recovered                                                                                                                                                                              |              | <u>94</u> Feet of <u>Oil</u>                     |             | Med. From Tester Valve                            |               |                                     |            |
| Recovered                                                                                                                                                                              |              | <u>180</u> Feet of <u>Oil &amp; gas cut mud</u>  |             |                                                   |               |                                     |            |
| Recovered                                                                                                                                                                              |              | <u>210</u> Feet of <u>Gas cut sulphur water</u>  |             |                                                   |               |                                     |            |
| Recovered                                                                                                                                                                              |              | Feet of _____                                    |             |                                                   |               |                                     |            |
| Recovered                                                                                                                                                                              |              | Feet of _____                                    |             |                                                   |               |                                     |            |
| Remarks <u>SEE PRODUCTION TEST DATA SHEET.</u>                                                                                                                                         |              |                                                  |             |                                                   |               |                                     |            |
| <b>RECEIVED</b>                                                                                                                                                                        |              |                                                  |             |                                                   |               |                                     |            |
| <u>JAN 5 1977</u>                                                                                                                                                                      |              |                                                  |             |                                                   |               |                                     |            |
| <u>O. G. C.</u>                                                                                                                                                                        |              |                                                  |             |                                                   |               |                                     |            |
| <u>ARTESIA, OFFICE</u>                                                                                                                                                                 |              |                                                  |             |                                                   |               |                                     |            |
| TEMPERATURE                                                                                                                                                                            |              | Gauge No. <u>1114</u><br>Depth: <u>7745'</u> Ft. |             | Gauge No. <u>1113</u><br>Depth: <u>7891'</u> Ft.  |               | Gauge No. _____<br>Depth: _____ Ft. |            |
|                                                                                                                                                                                        |              | 24 Hour Clock                                    |             | 24 Hour Clock                                     |               | Hour Clock                          |            |
| Est. ° F.                                                                                                                                                                              |              | Blanked Off <u>NO</u>                            |             | Blanked Off <u>YES</u>                            |               | Blanked Off _____                   |            |
| Actual <u>133° F.</u>                                                                                                                                                                  |              | Pressures                                        |             | Pressures                                         |               | Pressures                           |            |
|                                                                                                                                                                                        |              | Field                                            | Office      | Field                                             | Office        | Field                               | Office     |
| Initial Hydrostatic                                                                                                                                                                    |              | <u>3943</u>                                      | <u>3900</u> | <u>3988</u>                                       | <u>3965</u>   |                                     |            |
| First Period                                                                                                                                                                           | Flow Initial | <u>71</u>                                        | <u>71</u>   | <u>122</u>                                        | <u>142</u>    |                                     |            |
|                                                                                                                                                                                        | Flow Final   | <u>125</u>                                       | <u>165</u>  | <u>192</u>                                        | <u>212</u>    |                                     |            |
|                                                                                                                                                                                        | Closed in    | <u>2911</u>                                      | <u>2925</u> | <u>2955</u>                                       | <u>2981</u>   |                                     |            |
| Second Period                                                                                                                                                                          | Flow Initial | <u>107</u>                                       | <u>110</u>  | <u>157</u>                                        | <u>164</u>    |                                     |            |
|                                                                                                                                                                                        | Flow Final   | <u>231</u>                                       | <u>258</u>  | <u>315</u>                                        | <u>311</u>    |                                     |            |
|                                                                                                                                                                                        | Closed in    | <u>2893</u>                                      | <u>2922</u> | <u>2937</u>                                       | <u>2979</u>   |                                     |            |
| Third Period                                                                                                                                                                           | Flow Initial |                                                  |             |                                                   |               |                                     |            |
|                                                                                                                                                                                        | Flow Final   |                                                  |             |                                                   |               |                                     |            |
|                                                                                                                                                                                        | Closed in    |                                                  |             |                                                   |               |                                     |            |
| Final Hydrostatic                                                                                                                                                                      |              | <u>3872</u>                                      | <u>3875</u> | <u>3953</u>                                       | <u>3937-Q</u> |                                     |            |
|                                                                                                                                                                                        |              | Q=Questionable                                   |             |                                                   |               |                                     |            |
| TIME                                                                                                                                                                                   |              | Tool _____ A.M.                                  |             | Tool _____ A.M.                                   |               | Tool _____ A.M.                     |            |
|                                                                                                                                                                                        |              | Opened <u>5:45</u> P.M.                          |             | Opened _____ A.M.                                 |               | Opened _____ A.M.                   |            |
|                                                                                                                                                                                        |              | Bypass <u>11:20</u> P.M.                         |             | Bypass _____ A.M.                                 |               | Bypass _____ A.M.                   |            |
|                                                                                                                                                                                        |              | Reported                                         | Computed    | Reported                                          | Computed      | Reported                            | Computed   |
|                                                                                                                                                                                        |              | Minutes                                          | Minutes     | Minutes                                           | Minutes       | Minutes                             | Minutes    |
|                                                                                                                                                                                        |              | <u>30</u>                                        | <u>29</u>   | <u>60</u>                                         | <u>61</u>     | <u>125</u>                          | <u>124</u> |
|                                                                                                                                                                                        |              | <u>120</u>                                       | <u>121</u>  |                                                   |               |                                     |            |
|                                                                                                                                                                                        |              |                                                  |             |                                                   |               |                                     |            |
|                                                                                                                                                                                        |              |                                                  |             |                                                   |               |                                     |            |
|                                                                                                                                                                                        |              |                                                  |             |                                                   |               |                                     |            |
|                                                                                                                                                                                        |              |                                                  |             |                                                   |               |                                     |            |

Legal Location  
Sec. - Twp. - Rng.

18 - 19 - 25

Field Area  
Med. From Tester Valve

County  
EDDY

State  
NEW MEXICO

MOLEY COMMUNITY

Well No. 1

Test No. 3

7763' - 7895'

ROGER C. HANKS

Lease Owner/Company Name