

| FLUID SAMPLE DATA   |              |   |  | Date <b>8-16-72</b>   |  | Ticket Number <b>388051</b>                        |  |
|---|--------------|---|--|---|--|--|--|
| Sampler Pressure _____ P.S.I.G. at Surface<br>Recovery: Cu. Ft. Gas _____<br>cc. Oil _____<br>cc. Water _____<br>cc. Mud _____<br>Tot. Liquid cc. _____   |              |   |  | Kind of Job <b>OPEN HOLE</b><br>Halliburton District <b>ARTESIA</b>   |  | <b>MR. DENNY</b><br><b>MR. WILSHER</b>             |  |
|   |              |   |  | Tester <b>MR. HARTLEY</b>   |  | Witness <b>MR. WILSHER</b>                         |  |
| Gravity _____ ° API @ _____ °F.<br>Gas/Oil Ratio _____ cu. ft./bbl.   |              |   |  | Drilling Contractor <b>BIG WEST DRILLING COMPANY BC</b>   |  |  |  |
| EQUIPMENT & HOLE DATA   |              |   |  |   |  |  |  |
|   |              |   |  | Formation Tested <b>Morrow</b>  |  |  |  |
|   |              |   |  | Elevation _____ Ft.<br>Net Productive Interval <b>15'</b> _____ Ft.<br>All Depths Measured From <b>Kelly Bushing</b><br>Total Depth <b>11330'</b> _____ Ft.   |  |  |  |
|   |              |   |  | Main Hole/Casing Size <b>8.75"</b><br>Drill Collar Length <b>379'</b> I.D. <b>2.25"</b><br>Drill Pipe Length <b>10733'</b> I.D. <b>3.826"</b><br>Packer Depth(s) <b>11144' - 11150'</b> _____ Ft.<br>Depth Tester Valve <b>11112'</b> _____ Ft. |  |  |  |
| Recovery Water _____ @ _____ °F. _____ ppm<br>Recovery Mud _____ @ _____ °F. _____ ppm<br>Recovery Mud Filtrate _____ @ _____ °F. _____ ppm<br>Mud Pit Sample _____ @ _____ °F. _____ ppm<br>Mud Pit Sample Filtrate <b>9.5</b> @ _____ °F. _____ ppm<br>Mud Weight <b>9.5</b> vis <b>31</b> cp   |              | RESISTIVITY _____<br>CHLORIDE CONTENT _____ |  |   |  |  |  |
| TYPE <b>Cushion</b>   |              | AMOUNT <b>814</b>                           |  | Depth Back <b>1"</b>  |  | Surface Choke <b>ADJ.</b> Bottom Choke <b>None</b> |  |
| Recovered   |              | Feet of                                     |  | Slightly gas cut drilling fluid   |  |  |  |
| Recovered   |              | Feet of                                     |  |   |  |  |  |
| Recovered   |              | Feet of                                     |  |   |  |  |  |
| Recovered   |              | Feet of                                     |  |   |  |  |  |
| Recovered   |              | Feet of                                     |  |   |  |  |  |
| Remarks Tool opened for a 30 minute first flow with a very weak blow, increasing slightly. Closed tool for 61 minute first closed in pressure. Reopened tool for 60 minute second flow with a weak blow, increasing slightly. Closed tool for 174 minute second closed in pressure. Reopened tool for 31 minute third flow with a strong blow. Gas to surface in 5 hours and 40 minutes. Closed tool for 1 minute third closed in pressure. |              |   |  |   |  |  |  |
| TEMPERATURE   |              | Gauge No. 1639                              |  | Gauge No. 1638  |  | Gauge No.  |  |
| Depth: <b>11128'</b> Ft.  |              | Depth: <b>11325'</b> Ft.                    |  | Depth: _____ Ft.  |  | TIME   |  |
| 12 Hour Clock   |              | 24 Hour Clock                               |  | Hour Clock  |  | Tool _____ A.M.                                    |  |
| Est. _____ °F.  |              | Blanked Off No                              |  | Blanked Off Yes   |  | Opened <b>3:10</b> <del>P.M.</del>                 |  |
| Actual <b>186 °F.</b>   |              | Pressures                                   |  | Pressures   |  | Tool _____ A.M.                                    |  |
|   |              | Field Office                                |  | Field Office  |  | Closed _____ P.M.                                  |  |
|   |              | Field Office                                |  | Field Office  |  | Reported _____ Minutes                             |  |
|   |              | Field Office                                |  | Field Office  |  | Computed _____ Minutes                             |  |
| Initial Hydrostatic   |              | <b>5540 5565</b>                            |  | <b>5671 5664</b>  |  |  |  |
| First Period  | Flow Initial | <b>88 113</b>                               |  | <b>175 212</b>  |  | <b>30</b>  |  |
|   | Flow Final   | <b>221 215</b>                              |  | <b>306 293</b>  |  | <b>61</b>  |  |
|   | Closed in    | <b>708 737</b>                              |  | <b>873 830</b>  |  |  |  |
| Second Period   | Flow Initial | <b>265 308</b>                              |  | <b>393 410</b>  |  | <b>60</b>  |  |
|   | Flow Final   | <b>398 385</b>                              |  | <b>458 437</b>  |  | <b>174</b>   |  |
|   | Closed in    | <b>929 923</b>                              |  | <b>961 965</b>  |  |  |  |
| Third Period  | Flow Initial | <b>265 312</b>                              |  | <b>306 325</b>  |  | <b>31</b>  |  |
|   | Flow Final   | <b>310 314</b>                              |  | <b>437 413</b>  |  | <b>1</b>   |  |
|   | Closed in    | <b>334</b>                                  |  | <b>428</b>  |  |  |  |
| Final Hydrostatic   |              | <b>5517 5500</b>                            |  | <b>5649 5583</b>  |  |  |  |

FORMATION TEST DATA

LITTLE'S

Legal Location  
 Sec. - Twp. - Rng.  
 Lease Name **GOPOGO**  
 Well No. **2**  
 Test No. **4**  
 Tested Interval **11150' - 11330'**  
 County **EDDY**  
 State **NEW MEXICO**  
 Lease Owner/Company Name **CORRINE GRACE**