

ROGERS

Lease Name

Well No.

Test No.

8903' - 8940'

Tested Interval

WILLIAM G. ROSS

Lease Owner/Company Name

Legal Location

3 - 18 - 26

Field Area

ATOKA

County

EDDY

State

NEW MEXICO

| FLUID SAMPLE DATA                              |             |                 |                           | Date 7-24-75                                      |               | Ticket Number 773784         |  |
|------------------------------------------------|-------------|-----------------|---------------------------|---------------------------------------------------|---------------|------------------------------|--|
| Sample Pressure _____ P.S.I.G. at Surface      |             |                 |                           | Kind of Job OPEN HOLE TEST                        |               | Holliburton District ARTESIA |  |
| Recovery: Cu. Ft. Gas _____                    |             |                 |                           | Tester RITTER                                     |               | Witness C. MORGAN            |  |
| cc. Oil _____                                  |             |                 |                           | Drilling Contractor MORANCO DRILLING COMPANY TH S |               |                              |  |
| cc. Water _____                                |             |                 |                           | EQUIPMENT & HOLE DATA                             |               |                              |  |
| cc. Mud _____                                  |             |                 |                           | Formation Tested Morrow                           |               |                              |  |
| Tot. Liquid cc. _____                          |             |                 |                           | Elevation 3322' Ground Level Ft.                  |               |                              |  |
| Gravity _____ ° API @ _____ ° F.               |             |                 |                           | Net Productive Interval 20' Ft.                   |               |                              |  |
| Gas/Oil Ratio _____ cu. ft./bbl.               |             |                 |                           | All Depths Measured From Kelly Bushing            |               |                              |  |
| RESISTIVITY _____ CHLORIDE CONTENT _____       |             |                 |                           | Total Depth 8940' Ft.                             |               |                              |  |
| Recovery Water @ _____ ° F. _____ ppm          |             |                 |                           | Main Hole/Casing Size 7 7/8"                      |               |                              |  |
| Recovery Mud @ _____ ° F. _____ ppm            |             |                 |                           | Drill Collar Length 465' I.D. 2.25"               |               |                              |  |
| Recovery Mud Filtrate @ _____ ° F. _____ ppm   |             |                 |                           | Drill Pipe Length 8385' I.D. 3.826"               |               |                              |  |
| Mud Pit Sample @ _____ ° F. _____ ppm          |             |                 |                           | Packer Depth(s) 8897' - 8903' Ft.                 |               |                              |  |
| Mud Pit Sample Filtrate @ _____ ° F. _____ ppm |             |                 |                           | Depth Tester Valve 8870' Ft.                      |               |                              |  |
| Mud Weight 9.0 vis 35 cp                       |             |                 |                           |                                                   |               |                              |  |
| Cushion                                        |             | TYPE            | AMOUNT                    | Depth Back Pres. Valve                            | Surface Choke | Bottom Choke                 |  |
|                                                |             | NONE            |                           | NONE                                              | 1" Adj.       | .75"                         |  |
| Recovered                                      | 20          | Feet of         | clear condensate.         |                                                   |               |                              |  |
| Recovered                                      | 355         | Feet of         | gas & condensate cut mud. |                                                   |               |                              |  |
| Recovered                                      |             | Feet of         |                           |                                                   |               |                              |  |
| Recovered                                      |             | Feet of         |                           |                                                   |               |                              |  |
| Recovered                                      |             | Feet of         |                           |                                                   |               |                              |  |
| Remarks SEE PRODUCTION TEST DATA SHEET.        |             |                 |                           |                                                   |               |                              |  |
|                                                |             |                 |                           |                                                   |               |                              |  |
|                                                |             |                 |                           |                                                   |               |                              |  |
|                                                |             |                 |                           |                                                   |               |                              |  |
| TEMPERATURE                                    |             | Gauge No. 1114  | Gauge No. 1113            | Gauge No.                                         | TIME          |                              |  |
| Depth: 8936 Ft.                                |             | Depth: 8975 Ft. |                           |                                                   |               |                              |  |
| 24 Hour Clock                                  |             | 24 Hour Clock   |                           |                                                   |               |                              |  |
| Est. ° F.                                      | Blanked Off | Blanked Off     | Blanked Off               |                                                   | Tool          | A.M.                         |  |
|                                                |             |                 |                           |                                                   | Opened        | 0900 P.M.                    |  |
|                                                |             |                 |                           |                                                   | Opened        | A.M.                         |  |
| Actual 148 ° F.                                |             |                 |                           |                                                   | Bypass        | 0600 P.M.                    |  |
|                                                | Pressures   |                 | Pressures                 |                                                   | Pressures     |                              |  |
|                                                | Field       | Office          | Field                     | Office                                            | Field         | Office                       |  |
| Initial Hydrostatic                            | 4235        | 4235            | 4259                      | 4262                                              |               |                              |  |
| First Period Flow                              | Initial     | 106             | 542                       | 586                                               |               |                              |  |
|                                                | Final       | 793             | 800                       | 803                                               | 813           |                              |  |
|                                                | Closed in   | 3349            | 3342                      | 3326                                              | 3350          |                              |  |
| Second Period Flow                             | Initial     | 635             | 657                       | 681                                               | 684           |                              |  |
|                                                | Final       | 565             | 594                       | 577                                               | 605           |                              |  |
|                                                | Closed in   | 3066            | 3094                      | 3079                                              | 3102          |                              |  |
| Third Period Flow                              | Initial     |                 |                           |                                                   |               |                              |  |
|                                                | Final       |                 |                           |                                                   |               |                              |  |
|                                                | Closed in   |                 |                           |                                                   |               |                              |  |
| Final Hydrostatic                              | 4199        | 4208            | 4241                      | 4236                                              |               |                              |  |

FORMATION TEST DATA

LIST E &amp; G 10/11/74