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|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------|--|-------------------------------------------------|--|---------------------------------|--|
| FLUID SAMPLE DATA                                                                                                                             |              |                                    |  | Date 6-5-73                                     |  | Ticket Number 658606            |  |
| Sampler Pressure 1300 P.S.I.G. at Surface<br>Recovery: Cu. Ft. Gas 6.713<br>cc. Oil -<br>cc. Water -<br>cc. Mud 1100<br>Tot. Liquid cc. _____ |              |                                    |  | Kind of Job OPEN HOLE                           |  | Halliburton District ARTESIA    |  |
|                                                                                                                                               |              |                                    |  | Tester MR. MURDOCK                              |  | Witness MR. TRACY               |  |
| Gravity _____ ° API @ _____ ° F.<br>Gas/Oil Ratio _____ cu. ft./bbl.                                                                          |              |                                    |  | Drilling Contractor MORANCO                     |  | BC/ic S                         |  |
|                                                                                                                                               |              |                                    |  | EQUIPMENT & HOLE DATA                           |  |                                 |  |
|                                                                                                                                               |              |                                    |  | Formation Tested Morrow                         |  |                                 |  |
|                                                                                                                                               |              |                                    |  | Elevation 3582' KB                              |  |                                 |  |
|                                                                                                                                               |              |                                    |  | Net Productive Interval 14' _____ Ft.           |  |                                 |  |
|                                                                                                                                               |              |                                    |  | All Depths Measured From 14' Above Ground Level |  |                                 |  |
|                                                                                                                                               |              |                                    |  | Total Depth 10,890' _____ Ft.                   |  |                                 |  |
|                                                                                                                                               |              |                                    |  | Main Hole/Casing Size 7 7/8"                    |  |                                 |  |
|                                                                                                                                               |              |                                    |  | Drill Collar Length 395' I.D. 2.25"             |  |                                 |  |
|                                                                                                                                               |              |                                    |  | Drill Pipe Length 10,179' I.D. 3.826"           |  |                                 |  |
|                                                                                                                                               |              |                                    |  | Packer Depth(s) 10,702' - 10,714' _____ Ft.     |  |                                 |  |
|                                                                                                                                               |              |                                    |  | Depth Tester Valve 10,671' _____ Ft.            |  |                                 |  |
| TYPE                                                                                                                                          |              | AMOUNT                             |  | Depth Back                                      |  | Surface                         |  |
| Cushion -                                                                                                                                     |              |                                    |  | Ft. Pres. Valve -                               |  | Choke 1" ADJ. Bottom Choke 3/4" |  |
| Recovered 993                                                                                                                                 |              | Feet of                            |  | Gas cut mud with trace of distillate            |  |                                 |  |
| Recovered                                                                                                                                     |              | Feet of                            |  |                                                 |  |                                 |  |
| Recovered                                                                                                                                     |              | Feet of                            |  |                                                 |  |                                 |  |
| Recovered                                                                                                                                     |              | Feet of                            |  |                                                 |  |                                 |  |
| Recovered                                                                                                                                     |              | Feet of                            |  |                                                 |  |                                 |  |
| Remarks                                                                                                                                       |              | SEE PRODUCTION TEST DATA SHEET.... |  |                                                 |  |                                 |  |
|                                                                                                                                               |              |                                    |  |                                                 |  |                                 |  |
|                                                                                                                                               |              |                                    |  |                                                 |  |                                 |  |
|                                                                                                                                               |              |                                    |  |                                                 |  |                                 |  |
|                                                                                                                                               |              |                                    |  |                                                 |  |                                 |  |
|                                                                                                                                               |              |                                    |  |                                                 |  |                                 |  |
| TEMPERATURE                                                                                                                                   |              | Gauge No. 1920                     |  | Gauge No. 1919                                  |  | Gauge No. _____                 |  |
| Depth: 10,689' Ft.                                                                                                                            |              | Depth: 10,886' Ft.                 |  | Depth: _____ Ft.                                |  | TIME                            |  |
| Est. _____ ° F.                                                                                                                               |              | 24 Hour Clock                      |  | 24 Hour Clock                                   |  | Hour Clock                      |  |
| Blanked Off NO                                                                                                                                |              | Blanked Off YES                    |  | Blanked Off                                     |  | Tool XXX                        |  |
| Actual 156°F.                                                                                                                                 |              | Pressures                          |  | Pressures                                       |  | Opened 9:15 P.M.                |  |
|                                                                                                                                               |              | Pressures                          |  | Pressures                                       |  | Tool A.M.                       |  |
|                                                                                                                                               |              | Pressures                          |  | Pressures                                       |  | Closed 3:30 XXX                 |  |
|                                                                                                                                               |              | Field Office                       |  | Field Office                                    |  | Reported Computed               |  |
| Initial Hydrostatic                                                                                                                           |              | 5491 5442                          |  | 5582 5560                                       |  | Minutes Minutes                 |  |
| First Period                                                                                                                                  | Flow Initial | - 611                              |  | 936 955                                         |  |                                 |  |
|                                                                                                                                               | Flow Final   | 1196 1224                          |  | 1375 1387                                       |  |                                 |  |
|                                                                                                                                               | Closed in    | 2798 2831                          |  | 2871 2874                                       |  | 45 40                           |  |
| Second Period                                                                                                                                 | Flow Initial | 737 749                            |  | 843 834                                         |  |                                 |  |
|                                                                                                                                               | Flow Final   | 1494 1549                          |  | 1513 1537                                       |  |                                 |  |
|                                                                                                                                               | Closed in    | 2821 2821                          |  | 2871 2862                                       |  | 150 152                         |  |
| Third Period                                                                                                                                  | Flow Initial |                                    |  |                                                 |  |                                 |  |
|                                                                                                                                               | Flow Final   |                                    |  |                                                 |  |                                 |  |
|                                                                                                                                               | Closed in    |                                    |  |                                                 |  | 45 46                           |  |
| Final Hydrostatic                                                                                                                             |              | 5469 5442                          |  | 5536 5560                                       |  | 135 137                         |  |