

Gene Black

Lease Name

F-1

Well No.

9

Test No.

Venus Oil Company

Lease Owner

San Antonio, Texas

Owners District

|                                     |           |         |                                                                                                                                                    |             |                           |                                                                                                             |
|-------------------------------------|-----------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------------------------------------------------------------------------------------------|
| First Flow                          | 30        | Minutes | <div style="text-align: center;"> <del>30</del><br/> <b>bomin</b><br/> <b>BOMIN TESTING</b><br/> <b>BOX 782</b><br/> <b>LIBERAL, KANSAS</b> </div> | Date        | 5-15-70                   | LOCATION Sec. 11-34s-31w<br><br><br><br>FIELD W.C.<br><br><br><br>COUNTY Seward<br><br><br><br>STATE Kansas |
| First CIP                           | 90        | Minutes |                                                                                                                                                    | Ticket No.  | 4956                      |                                                                                                             |
| Second Flow                         | 180       | Minutes |                                                                                                                                                    | DISTRICT    | Liberal, Kansas           |                                                                                                             |
| Second CIP                          | 90        | Minutes |                                                                                                                                                    | Kind of Job | Straddle Test             |                                                                                                             |
| Depth Top Gauge                     | 5946      | Ft.     | Blanked Off                                                                                                                                        | No          | CONTRACTOR                | Stickley Drlg. Co.                                                                                          |
| Recorder No.                        | 8214      |         | 12                                                                                                                                                 | Hr. Clock   | HOLE & TOOL DATA          |                                                                                                             |
| Pressure Readings                   | Field     |         | Office Corrected                                                                                                                                   |             | Elevation                 | 2705'                                                                                                       |
| Initial Hydro Mud Pressure          | A-2824    |         | 2826                                                                                                                                               |             | Top Packer Depth          | 5926'                                                                                                       |
| First Flow                          | B-69-183  |         | 70-184                                                                                                                                             |             | Bottom Packer Depth       | 6071'                                                                                                       |
| First CIP                           | C-1774    |         | 1774                                                                                                                                               |             | Casing or Hole Size       | 8 3/4"                                                                                                      |
| Second Flow                         | D-206-337 |         | 208-339                                                                                                                                            |             | Size & Type Wall Packer   | 7 1/2" B.T.                                                                                                 |
| Second CIP                          | E-1443    |         | 1444                                                                                                                                               |             | Liner or Rathole Size     | Size Bottom Choke 1/2"                                                                                      |
| Final Hydro Mud Pressure            | F-2733    |         | 2735                                                                                                                                               |             | Interval Tested           | 5925'<br>6071'                                                                                              |
| Depth Bottom Gauge                  | 6131      | Ft.     | Blanked Off                                                                                                                                        | Yes         | Size Surface Choke        | 1"                                                                                                          |
| Recorder No.                        | SS-4      |         | 4                                                                                                                                                  | Hr. Clock   | Formation Tested          | St. Louis                                                                                                   |
| Pressure Readings                   | Field     |         | Office Corrected                                                                                                                                   |             | ID & Length Drill Collars | 2 1/2' x 504'                                                                                               |
| Initial Hydro Mud Pressure          |           |         |                                                                                                                                                    |             | Est. Gauge Depth Temp.    | 130                                                                                                         |
| First Flow                          |           |         |                                                                                                                                                    |             | Size Drill Pipe           | 4 1/2" F.H.                                                                                                 |
| First CIP                           |           |         |                                                                                                                                                    |             | MUD DATA Weight           | 8.9                                                                                                         |
| Second Flow                         |           |         |                                                                                                                                                    |             | Viscosity                 | 47                                                                                                          |
| Second CIP                          |           |         |                                                                                                                                                    |             | All depths measured from  | K.B.                                                                                                        |
| Final Hydro Mud Pressure            |           |         |                                                                                                                                                    |             | No. Folders Reproduced    | 5                                                                                                           |
| REMARKS: 30 min. pre-flow with fair |           |         |                                                                                                                                                    |             |                           |                                                                                                             |
| blow. Shut tool in for 90 min. Re-  |           |         |                                                                                                                                                    |             |                           |                                                                                                             |
| open tool with weak blow throughout |           |         |                                                                                                                                                    |             |                           |                                                                                                             |
| test. Shut tool in for 90 min.      |           |         |                                                                                                                                                    |             |                           |                                                                                                             |
| Chl: 2800 WL: 9.6                   |           |         |                                                                                                                                                    |             |                           |                                                                                                             |
| 730 Feet of: Gas filled pipe        |           |         |                                                                                                                                                    |             |                           |                                                                                                             |
| Recovered                           | 60        | Feet of | Gas & sl. oil cut mud                                                                                                                              |             |                           |                                                                                                             |
| Recovered                           | 90        | Feet of | Hvy oil & gas cut mud                                                                                                                              |             |                           |                                                                                                             |
| Recovered                           | 90        | Feet of | Hvy oil & sl. gas cut mud                                                                                                                          |             |                           |                                                                                                             |
| Recovered                           | 270       | Feet of | Oil & gas cut salty water                                                                                                                          |             |                           |                                                                                                             |
| Witnessed By Dale Jewett            |           |         |                                                                                                                                                    |             |                           |                                                                                                             |
| Amount-Type of Cushion              |           |         | Tester Tom Brown                                                                                                                                   |             |                           |                                                                                                             |

