

**WEST TEXAS**  
**Engineering**  
**SERVICE**  
**INC.**

FULL INSURANCE  
COVERAGE

RECEIVED  
JAN 5 1972  
O. C. C.  
ARTESIA, OFF

Company Roger C. Hanks Lease Penny Federal Well No. 1  
N-23-20-24

Test Date 12-13-71 Time 10:00 Status of Well                      Shut In 6:00

Top of Pay 7754 ' Total Depth 7936 ' Producing Formation Cisco

Tubing \_\_\_\_\_" Depth \_\_\_\_\_' B.H.C. \_\_\_\_\_ Packer \_\_\_\_\_ Pressure Datum \_\_\_\_\_

Casing 5 1/2 " Depth 7919 ' Perf. 7754-7800 Liner \_\_\_\_\_ Packer \_\_\_\_\_

| Depth<br>Feet  | Δ<br>Depth | Pressure<br>Lbs. Sq. In. | Δ<br>Pressure | *Gradient<br>Lbs./Ft. |                  |              |
|----------------|------------|--------------------------|---------------|-----------------------|------------------|--------------|
| Surface        |            | 0                        |               |                       |                  |              |
|                | 2500       |                          | 699           | .279                  | Tubing Press.    | 0            |
| 2500           |            | 699                      |               |                       | Top of Fluid     | 880          |
|                | 2500       |                          | 1093          | .437                  | Top of Water     | 945          |
| 5000           |            | 1792                     |               |                       | Hrs.- Shut In    | Not Produced |
|                | 1800       |                          | 785           | .436                  |                  |              |
| 6800           |            | 2577                     |               |                       | Elevation        |              |
|                | 500        |                          | 208           | .416                  | Last Test Date   | No Previous  |
| 7300           |            | 2785                     |               |                       | Press. Last Test | Record       |
|                | 200        |                          | 78            | .390                  | B.H.P. Change    |              |
| 7500 Run Depth |            | 2863                     |               |                       |                  |              |
|                |            |                          |               |                       | RPG              | 12262        |
|                | + .25 Hr.  | 2865                     |               |                       | Calibration No.  | 225          |
|                | .50 Hr.    | 2871                     |               |                       | Run By           | W.T. Hagler  |
|                | .75 Hr.    | 2873                     |               |                       | Calculated By    | W.T. Hagler  |
|                | 1.00 Hr.   | 2875                     |               |                       |                  |              |
|                | 2.00 Hr.   | 2875                     |               |                       |                  |              |
|                | 3.00 Hr.   | 2875                     |               |                       |                  |              |
|                | 4.00 Hr.   | 2875                     |               |                       |                  |              |
|                | 5.00 Hr.   | 2875                     |               |                       |                  |              |

Calculations and Remarks: All Pressure Instruments are Temperature Compensated

### Distribution