

W. T. HAGLER  
H. L. HAGLER  
W. M. DATES  
J. N. CASPARIS  
D. F. JONES  
A. E. O'NEIL

# WEST TEXAS Engineering SERVICE INC.

P. O. BOX 4456  
TELEPHONES:  
682-5361 • 563-1810  
2209 W. INDUSTRIAL AVE.  
MIDLAND, TEXAS 79701

RECEIVED  
FULL INSURANCE  
COVERAGE

JAN 5 1972

## INDIVIDUAL WELL DATA SHEET

Company Roger C. Hanks Lease Barbara=Federal Well No. 1  
Field Undesignated County Eddy State New Mexico

Test Date 12-18-71 Time 11:45 AM Status of Well Shut In

Top of Pay ' Total Depth ' Producing Formation Cisco

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

Casing " Depth ' Perf.  Liner  Packer

| Depth<br>Feet  | $\Delta$<br>Depth | Pressure<br>Lbs. Sq. In. | $\Delta$<br>Pressure | *Gradient<br>Lbs./Ft. |                  |                  |
|----------------|-------------------|--------------------------|----------------------|-----------------------|------------------|------------------|
| Surface        |                   | 0                        |                      |                       |                  |                  |
|                | 2500              |                          | 747                  | .298                  | Tubing Press.    | 0                |
| 2500           |                   | 747                      |                      |                       | Top of Fluid     | 370              |
|                | 2500              |                          | 975                  | .390                  | Top of Water     | 4147             |
| 5000           |                   | 1722                     |                      |                       | Hrs.- Shut In    |                  |
|                | 1800              |                          | 775                  | .430                  |                  |                  |
| 6800           |                   | 2497                     |                      |                       | Elevation        |                  |
|                | 500               |                          | 216                  | .432                  | Last Test Date   | No Previous Test |
| 7300           |                   | 2713                     |                      |                       | Press. Last Test |                  |
|                | 200               |                          | 90                   | .448                  | B.H.P. Change    |                  |
| 7500 Run Depth |                   | 2803                     |                      |                       |                  |                  |
|                |                   |                          |                      |                       | RPG              | 12949            |
|                |                   |                          |                      |                       | Calibration No.  | 225              |
| 1 Hour         |                   | 2803                     |                      |                       | Run By           | W T Hagler       |
|                |                   |                          |                      |                       | Calculated By    | H L Hagler       |
| 2 Hours        |                   | 2806                     |                      |                       |                  |                  |
| 3 Hours        |                   | 2806                     |                      |                       |                  |                  |
| 4 Hours        |                   | 2806                     |                      |                       |                  |                  |
| 4.5 Hours      |                   | 2806                     |                      |                       |                  |                  |

\* Pressure and Gradients are calculated in decimals. Pressure and  $\Delta$  pressure are shown to the nearest pound.

Calculations and Remarks: All Pressure Instruments are Temperature Compensated

Distribution