

## JOHNSTON TESTERS, INC.

## SURFACE INFORMATION

## TOOL, HOLE & MUD DATA

| Well Flowed   | Amount       |
|---------------|--------------|
| GAS (MAXIMUM) | 78,000CF/DAY |
|               |              |
|               |              |
|               |              |
|               |              |

| Reversed Out | Amount |
|--------------|--------|
| NO           |        |
|              |        |
|              |        |
|              |        |

[illegible]

Blow GOOD THROUGHOUT TEST.

| Maximum Surface Pressure   |      |                     |               |
|----------------------------|------|---------------------|---------------|
| Description (Rate of Flow) | Time | Pressure (P.S.I.G.) | Surface Choke |
| Opened Tool                | 0752 | -                   | 1 1/2"        |
| CLOSED FOR INITIAL SHUT-IN | 0754 | -                   | "             |
| RE-OPENED TOOL             | 0824 | -                   | "             |
| GAS TO SURFACE             | 0829 | -                   | "             |
| GAS 49MCF/DAY              | 0839 | 2                   | "             |
| GAS 55MCF/DAY              | 0849 | 3.6                 | "             |
| GAS 74MCF/DAY              | 0859 | 4.6                 | "             |
| GAS 77MCF/DAY              | 0900 | 5                   | "             |
| GAS 78MCF/DAY              | 0910 | 5.1                 | "             |
| GAS 74MCF/DAY              | 0920 | 4.6                 | 1 1/2"        |
|                            |      |                     |               |
|                            |      |                     |               |

Remarks:

Type Test \_\_\_\_\_ CONVENTIONAL  
Formation Tested \_\_\_\_\_ RED CLAY  
Elevation \_\_\_\_\_ - \_\_\_\_\_ Ft.  
All Depths Measured From \_\_\_\_\_ - \_\_\_\_\_

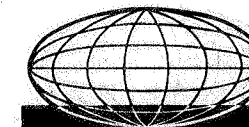
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|                    |        |               |          |
|--------------------|--------|---------------|----------|
| Total Depth        | 1350   |               | Ft.      |
| Main Hole Size     | 7 7/8" | Rat Hole Size | -        |
| Casing Size        | -      | Liner Size    | -        |
| Bottom Choke Size  | 3/4"   | Mud Type      | GEL OPEN |
| Mud. Wt.           | 8.7    | Mud Viscosity | 38       |
| Air Chamber Length | -      | Ft.           | I.D.     |

| Cushion Type | Amount | Pressure |
|--------------|--------|----------|
|              |        |          |
|              |        |          |

| TIME DATA       |   |      |          |
|-----------------|---|------|----------|
| Initial Shut-in | — | Hrs. | 30 Mins. |
| Flow Period     | 1 | Hrs. | 30 Mins. |
| Final Shut-in   | — | Hrs. | 30 Mins. |

Company PANHANDLE EASTERN PIPE LINE COMPANY, BOX 979, LIBERAL, KANSAS Date 3-18-62  
Well SHANK #1 Field W. ELKHART Location 8-35-43  
Test Interval 1287' TO 1350' Formation Test # 1 Casing Test # -  
County MORTON State KANSAS Field Report No. 64041 L  
Tester O. K. CHANCE Test Approved By Mrs. M. SUTTON No. DST Reports Requested 5



A WORLD OF EXPERIENCE

JOHNSTON TESTERS

Pressure  
Log\*

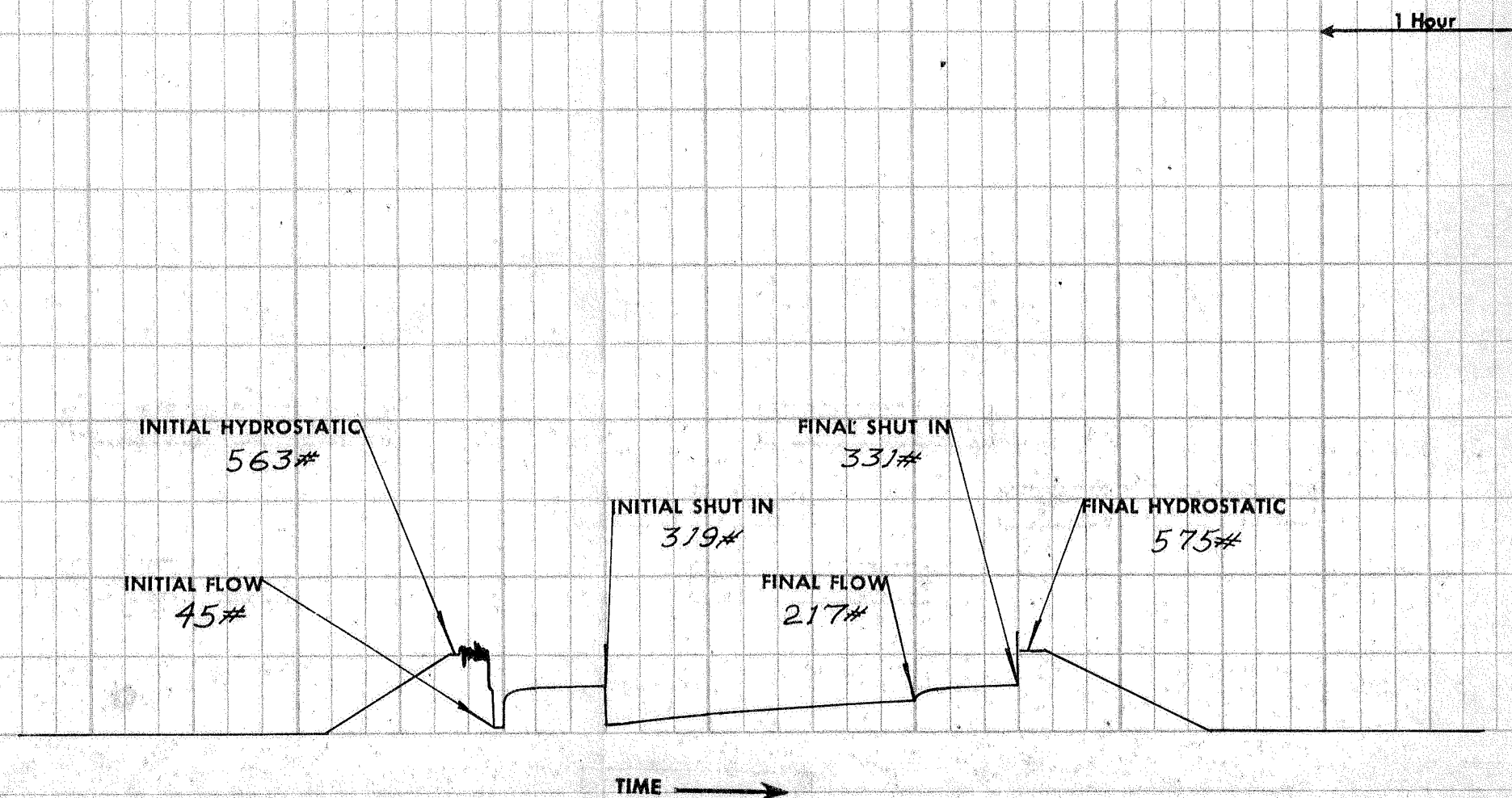
Field Report No. 64041L

Recorder No. T-256

Capacity 5000 p.s.i.

Recorder Depth 1270 ft.

\*a continuous tracing of the original chart



# JOHNSTON TESTERS, INC.

Pressure Data

Field Report No. 64041 L

|                              |       |  |  |  |  |
|------------------------------|-------|--|--|--|--|
| Recorder No.                 | T-256 |  |  |  |  |
| Capacity (P.S.I.G.)          | 5000  |  |  |  |  |
| Recorder Depth               | 1270' |  |  |  |  |
| Pressure Gradient P.S.I./Ft. | -     |  |  |  |  |
| Well Temperature °F.         | 75    |  |  |  |  |
| A Initial Hydrostatic Mud    | 563   |  |  |  |  |
| B Initial Shut-in            | *319  |  |  |  |  |
| C Initial Flow               | 45    |  |  |  |  |
| D Final Flow                 | 217   |  |  |  |  |
| E Final Shut-in              | *331  |  |  |  |  |
| F Final Hydrostatic Mud      | 575   |  |  |  |  |

Remarks:      G-1      45  
                      G-2      51

\*Shut in pressure did not reach static reservoir pressure.

