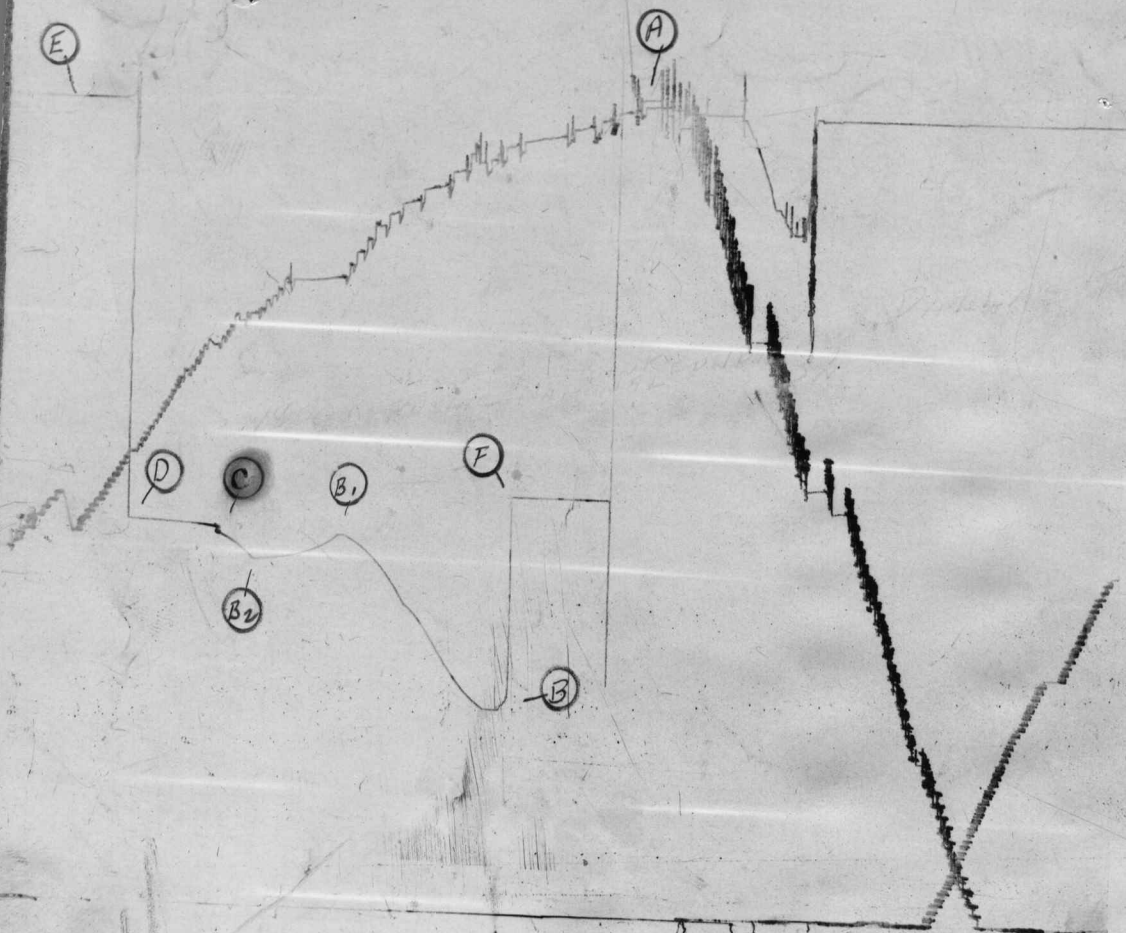


TT# 37884 N

T-63

3000 \*

5-



# OPEN HOLE TEST

## JOHNSTON TESTERS, INC.

OFFICES: Houston, Texas - Los Angeles, California - Calgary, Canada

DATE 11-4-57

OPEN HOLE TEST NO. 1 WELL: Massey WELL #2  
FIELD W. Sun City COUNTY Barber STATE Kansas

COMPANY Aylward Drilling Company  
ADDRESS 813 First National Bank Building, Wichita, Kansas  
TEST APPROVED BY Toby Elster  
JOHNSTON OPERATOR R. B. Evans TICKET NO. 37884 N

### GENERAL TEST DATA

|                                                      |                    |                                       |                       |
|------------------------------------------------------|--------------------|---------------------------------------|-----------------------|
| TYPE TEST <u>Conventional</u>                        |                    | TOTAL DEPTH <u>4503'</u>              |                       |
| 1. Test Interval: <u>4487'</u>                       | <u>4503'</u>       | 7. Fluid Cushion: Type <u>None</u>    | Amount <u>None</u>    |
| 2. Tool Open <u>1</u> Hrs.                           | <u>Min</u>         | 8. Air Chamber Amount <u>5'</u>       | Size <u>4 1/2"</u> FH |
| 3. Initial Shut In <u>Hrs.</u>                       | <u>20 Min</u>      | 9. Did Packer(s) Hold? <u>Yes</u>     |                       |
| 4. Final Shut In <u>Hrs.</u>                         | <u>20 Min</u>      | 10. Did Tool Plug? <u>No</u>          | Where? <u>Yes</u>     |
| 5. Choke: Top <u>3/4"</u>                            | Bottom <u>1/2"</u> | 11. Was Test Reversed Out? <u>Yes</u> |                       |
| 6. Fluid Recovery <u>Reversed out</u> Total,         |                    |                                       |                       |
| <u>Reversed out approximately 40 barrels of oil.</u> |                    |                                       |                       |

REMARKS:

### SURFACE INFORMATION

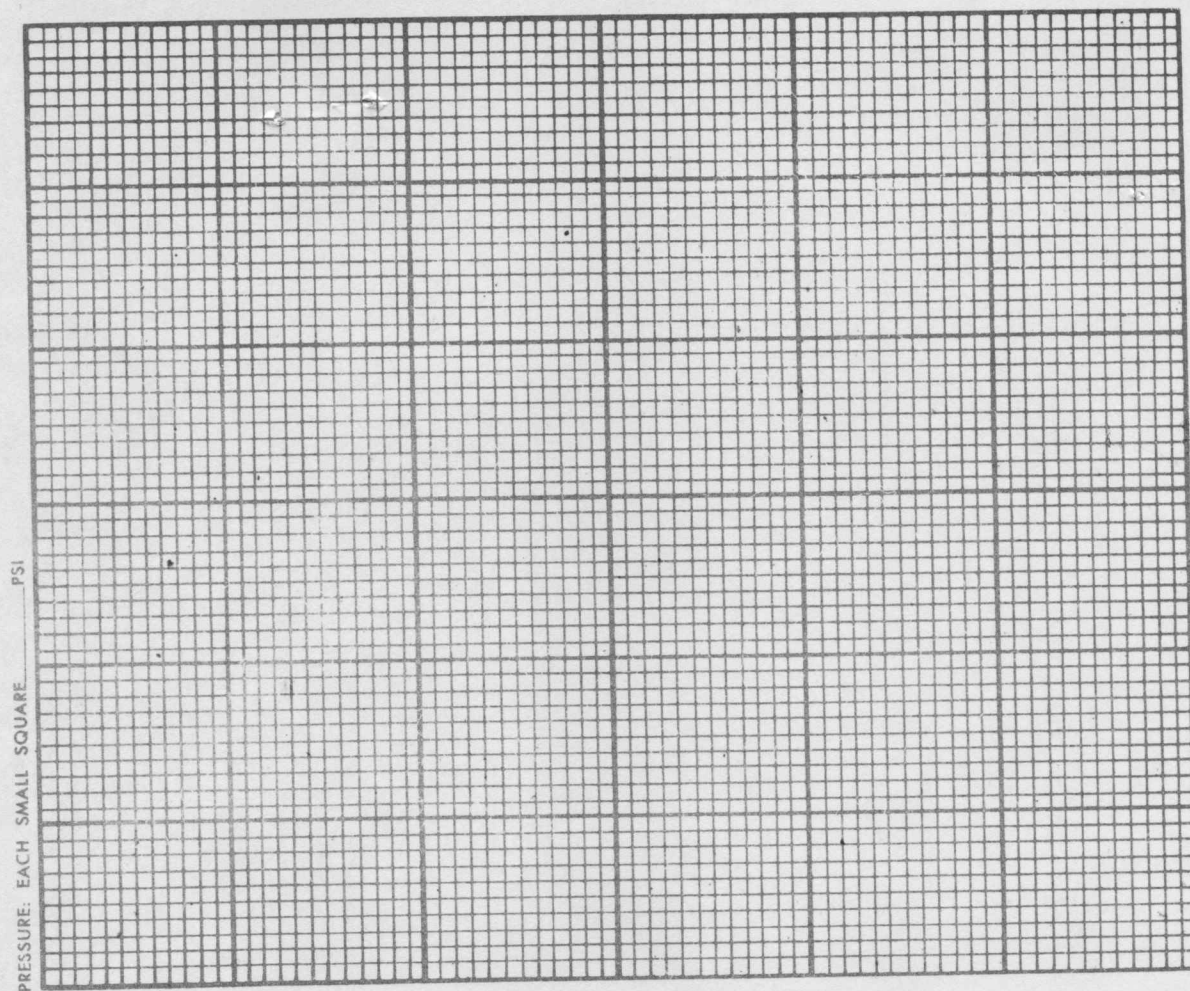
|                                      |                 |                           |                    |
|--------------------------------------|-----------------|---------------------------|--------------------|
| 1. Blow: <u>-</u>                    |                 |                           |                    |
| 2. Maximum Surface Pressure <u>-</u> |                 | Did Well Flow? <u>Yes</u> |                    |
| Description Or Rate of Flow          | Time            | Max. Pressure             | Size Surface Choke |
| <u>Gas to surface.</u>               | <u>4 Mins.</u>  |                           | <u>3/4"</u>        |
| <u>139 M. C. F. gas per day.</u>     | <u>10 Mins.</u> |                           |                    |
| <u>Mud to surface.</u>               | <u>16 Mins.</u> |                           |                    |
| <u>Oil to surface.</u>               | <u>19 Mins.</u> |                           |                    |
| <u>20 barrels of oil in-</u>         | <u>20 Mins.</u> |                           |                    |

### MUD, HOLE, & TOOL DATA

#### MUD, HOLE & JOHNSTON TOOL DATA

|                                    |                               |                     |
|------------------------------------|-------------------------------|---------------------|
| MUD: Type <u>Starch</u>            | Weight <u>10.2</u>            | Viscosity <u>50</u> |
| HOLE: Main Hole Size <u>7 7/8"</u> | Drill Pipe Size <u>4 1/2"</u> | FH <u>4 1/2"</u>    |
| Rat Hole Size <u>None</u>          |                               |                     |
| JOHNSTON TOOLS:                    |                               |                     |
| 1. Packer(s): Type <u>Bob Tail</u> | O.D. <u>7 7/8"</u>            | Type <u>O.D.</u>    |
| Set At <u>4487'</u>                |                               | Set At <u></u>      |
| 2. Extra Equipment: <u>None.</u>   |                               |                     |

Number of Copies Requested: 5x



TIME: EACH SMALL SQUARE \_\_\_\_\_ MINS.

est Ticket No. 37884 N

Chart Number\_\_\_\_\_

**Pressure Recorder:**

No. \_\_\_\_\_ T-63

Cap, 3000#

Location 4475'

| PRESSURE DATA           |      |
|-------------------------|------|
| Initial Hydrostatic Mud | 2538 |
| Initial Flow            | 640  |
| Final Flow              | 1160 |
| Final Shut-In           | 1185 |
| Final Hydrostatic Mud   | 2496 |
| "Initial Shut-In"       | 1285 |

[illegible][illegible]

Remarks: Well Temperature 125 F.