

Date 11/12/58 Well Stumph-Smith #3-A County Barber State Kansas  
Formation Test No. 1 Casing Test No. - Test Interval 4620' to 4649' Field SEC NW  
Company Avward Drilling Company Address 813 First National Bank Building, Wichita, Kansas  
Tester Harold Piper Test Approved By Toby Elster No. of DST Reports Requested 5x  
SURFACE INFORMATION  
TOOL, HOLE & MUD DATA

Well Flowed: Gas Amount -  
Type Test Conventional  
Formation Tested Mississippi Elevation 1871 Ft.  
All Depths Measured From Kelly Bushing.

Reversed Out: No Amount -  
4458' of 4 1/2" F.H. Drill Pipe, 3.8" I.D. -

Recovered: - Amount -  
4 1/2" Sleeve Type Circ. Sub  
120' of 4 1/2" F.H. Drill Pipe, 3.8" I.D. -

Blow Yes.  
4 1/2" F.H. Disc. Valve -  
Cross-over Sub -  
7' of 4 1/2" F.H. Air Chamber, 3.8" I. D. -

Maximum Surface Pressure -  
Description (rate of flow) -  
3 1/2" Reg. Shut-in Tool -

Opened Tool: Opened tool to surface  
Time 3:32 Pressure (P.S.I.G.) - Surface Choke 3 1/4"  
Gas to surface 4:02 - 3 1/4"

1,350,000 C.F. gas per day 4:04 - 3 1/4"  
1,630,000 C.F. gas per day 4:07 - 3 1/4"  
1,930,000 C.F. gas per day 4:12 - 3 1/4"  
1,930,000 C.F. gas per day 4:17 - 3 1/4"  
1,930,000 C.F. gas per day 4:22 - 3 1/4"

6' T Recorder Carrier -  
4' L Recorder Carrier -  
Total Depth 4649 Ft.  
Main Hole Size 7 7/8" Rat Hole Size -  
Casing Size - Liner Size -  
Bottom Choke Size 1 1/2" Mud Type Starch  
Mud Weight 10.1 Mud Viscosity 45

Remarks: -

Cushion Type \_\_\_\_\_ Amount \_\_\_\_\_ Pressure \_\_\_\_\_  
 None \_\_\_\_\_

TIME DATA

Initial Shut-in \_\_\_\_\_ Hrs. \_\_\_\_\_ Mins.  
 Flow Period \_\_\_\_\_ Hrs. \_\_\_\_\_ Mins.  
 Final Shut-in \_\_\_\_\_ Hrs. \_\_\_\_\_ Mins.

PRESSURE READING (P.S.I.G.)

Recorder No. T-142  
 Capacity (P.S.I.G.) 3000  
 Location 4641'

A Initial Hyd. Mud. 2544  
 B Initial Shut-in 1638  
 C Initial Flow 347  
 D Final Flow 351  
 E Final Shut-in 1592  
 F Final Hyd. Mud 2534

REMARKS

Recorder No. \_\_\_\_\_  
 Capacity (P.S.I.G.) \_\_\_\_\_  
 Location \_\_\_\_\_

A Initial Hyd. Mud \_\_\_\_\_  
 B Initial Shut-in \_\_\_\_\_  
 C Initial Flow \_\_\_\_\_  
 D Final Flow \_\_\_\_\_  
 E Final Shut-in \_\_\_\_\_  
 F Final Hyd. Mud \_\_\_\_\_

REMARKS

Well Temperature 119 °F.

