

OPEN HOLE TEST

JOHNSTON TESTERS, INC.

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

335-6W

OPEN HOLE TEST NO. 1 WELL: Gouberding #1 DATE 9-19-57
 FIELD Wild Cat COUNTY Harper STATE Kansas
 COMPANY Heardon Drilling Company
 ADDRESS P. O. Drawer 489; Tulsa, Oklahoma
 TEST APPROVED BY W. E. Tombrison
 JOHNSTON OPERATOR Wayne W. Elder TICKET NO. 37026 N

GENERAL TEST DATA

TYPE TEST		Conventional		TOTAL DEPTH		4480'	
1. Test Interval:	4463' To 4480'			7. Fluid Cushion:	Type	None	Amount
2. Tool Open	1 Hrs. Min			8. Air Chamber Amount	7'	Size:	4 1/2"
3. Initial Shut In	Hrs. 30 Min			9. Did Packer(s) Hold?	Yes		
4. Final Shut In	Hrs. 30 Min			10. Did Tool Plug?	No	Where?	
5. Choke: Top	3/4" Bottom 1/2"			11. Was Test Reversed Out?	No		
6. Fluid Recovery	340' Total,						
150' muddy oil. 30' of water. 100' heavy gas and oil cut mud. 60' heavy oil cut mud.							

REMARKS:

SURFACE INFORMATION

1. Blow: Strong throughout test.

2. Maximum Surface Pressure - Did Well Flow? Yes, Gas

Description Or Rate of Flow	Time	Max. Pressure	Size Surface Choke
<u>Gas to surface.</u>	<u>25 Mins.</u>	<u>-</u>	<u>3/4"</u>
<u>After shut-in 1 Hr. & 25 Mins.</u>			

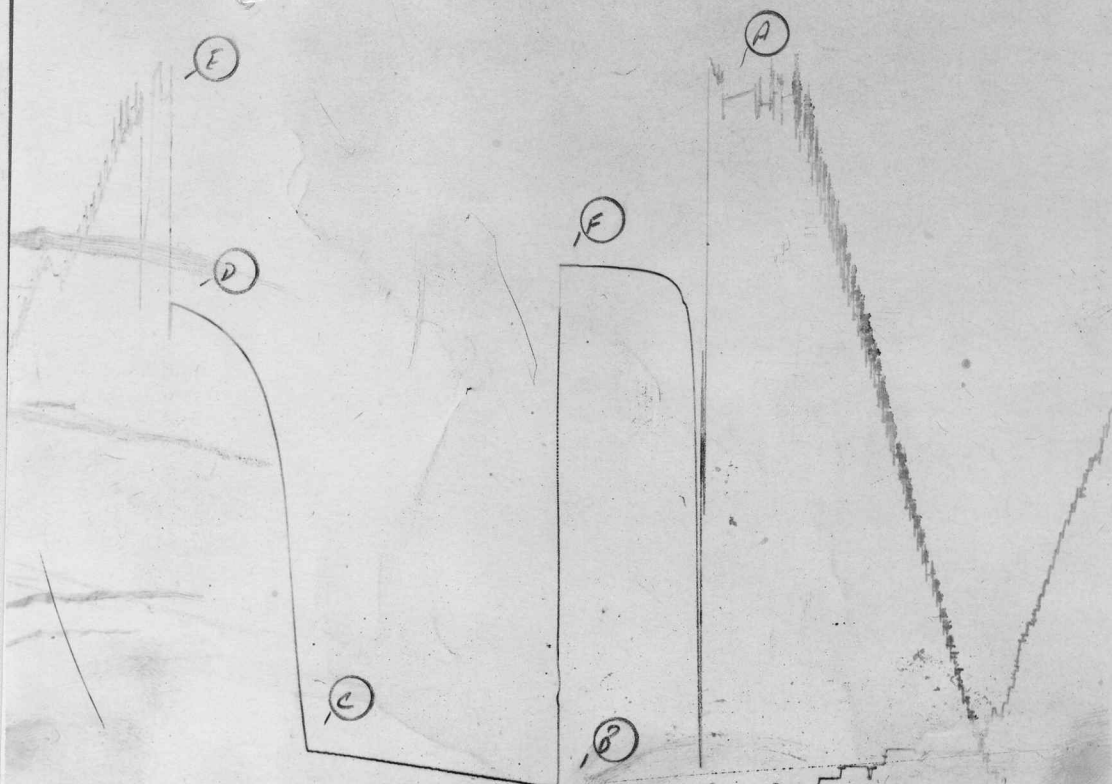
MUD, HOLE, & TOOL DATA

MUD, HOLE & JOHNSTON TOOL DATA

MUD: Type Starch Weight 10.25 Viscosity 58
 HOLE: Main Hole Size 7 7/8" Drill Pipe Size 4 1/2" FH
 Rat Hole Size -
 JOHNSTON TOOLS:
 1. Packer(s): Type Bob Tail O.D. 6 5/8" Type - O.D. -
 Set At 4463' Set At -
 2. Extra Equipment: None.

Number of Copies Requested: 5

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No. _____
Cap. _____ 3000#
Location _____ 44721

PRESSURE DATA					
A Initial Hydrostatic Mud	2432				
B Initial Flow	50				
C Final Flow	174				
D Final Shut-In	1713				
E Final Hydrostatic Mud	2427				
F "Initial Shut-In"	1853				
G Remarks:	Well Temperature 131 F.				