



Home Office: Great Bend, Kansas  
P. O. Box 393 GLadstone 3-7903

COMPANY Aurora Gasoline Co. WELL Haas #1  
DATE 3-19-58 COUNTY Rush STATE Kansas  
TEST NO. #1 TICKET NO. 8752-K TYPE TEST Open hole (Conventional)  
TEST APPROVED BY Paul D. Koontz WESTERN REPRESENTATIVE W. M. Nething

#### TEST DATA:

Tested From 3816' To 3832' Depth 3832'  
 Hydrostatic Mud Pressure—Initial (A) 2130# Final (E) 2130#  
 Flow Pressure—Initial (B) 110# Final (C) 490#  
 Bottom Hole Pressure—Initial (F) 1360# Final (D) 1240#  
 Tool Open 1 Hr. Min.; Shut-in-Initial Hr. 15 Min.; Shut-in-Final Hr. 30 Min.  
 Chokes; Surface 1/2" Bottom 3/4" Fluid Cushion: Type Amount  
 Recovery:

### 930' Saltwater

#### *SURFACE DATA:*

BLOW: Fair blow throughout

### Maximum Surface Pressure

## Did Well Flow?

Description of Flow	Time	Max. Pressure	Size Surface Choke

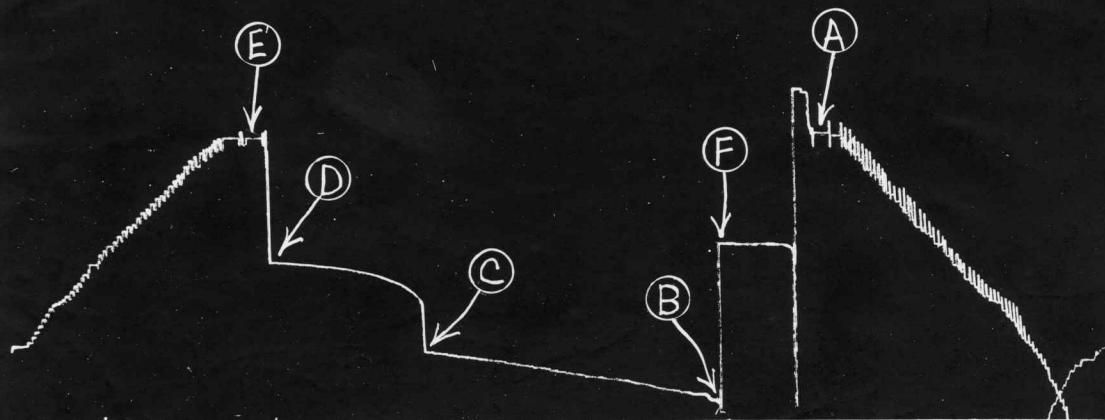
#### **GENERAL OPERATIONAL DATA:**

Hole Size: Main Hole 7 7/8" Rat Hole \_\_\_\_\_ Drill Pipe Size 4 1/2" F. H.  
 Hole Condition Good Mud Weight 51 Viscosity 10  
 Type Pressure Recorder Western Recorder No. 55 & 56 Date Calib. 12-21-57  
 Extra Equipment: Dual Packer No Jars No Safety Joint No  
 Was Test Recovery Reversed Out? Yes Bottom Hole Temperature Not Taken  
 Number of Copies Requested 4

**REMARKS:**

AURORA GASOLINE. CO.  
HAAS #1

TEST #1  
TKT #8752K



This is an actual photograph of recorder chart.

## PRESSURE DATA

- (A) Initial Hydrostatic Mud 2130#  
(B) Initial Flow 140#  
(C) Final Flow 490#  
(D) Final Shut-In 1240#  
(E) Final Hydrostatic Mud 2130#  
(F) Initial Shut-In 1360#

### Point

## Pressure

OPEN HOLE  
TEST

## JOHNSTON TESTERS, INC.

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

DATE 3/22/58

OPEN HOLE TEST NO. 2 WELL: Haas #1  
 FIELD Wild Cat COUNTY Rush STATE Kansas

COMPANY Aurora Gasoline Company  
 ADDRESS 1107 Union National Building; Wichita, Kansas  
 TEST APPROVED BY Paul D. Koontz  
 JOHNSTON OPERATOR Jerry Swertfeger TICKET NO. 16914 N

TYPE TEST	Conventional		TOTAL DEPTH	4245'
1. Test Interval:	4232'	To	4245'	
2. Tool Open	1	Hrs.	Min	
3. Initial Shut In		Hrs. 15	Min	
4. Final Shut In		Hrs. 40	Min	
5. Choke: Top	$\frac{1}{2}$ "	Bottom	$\frac{1}{2}$ "	
6. Fluid Recovery	1150'	Total,		
1150' salt water, slightly gas cut with few spots of oil.				

GENERAL TEST DATA

REMARKS:

SURFACE INFORMATION

1. Blow:	Good blow.			
2. Maximum Surface Pressure	-	Did Well Flow?	No	
Description Or Rate of Flow	Time	Max. Pressure	Size Surface Choke	

MUD, HOLE &amp; TOOL DATA

## MUD, HOLE &amp; JOHNSTON TOOL DATA

MUD: Type	Starch	, Weight	9.7	Viscosity	63
HOLE: Main Hole Size	7 7/8"			Drill Pipe Size	$4\frac{1}{2}$ "
Rat Hole Size	-				
JOHNSTON TOOLS:					
1. Packer(s): Type	Bob tail	O.D.	6 5/8"	Type	O.D.
Set At	4232'			Set At	
2. Extra Equipment:	None.				

Number of Copies Requested: 5x

650 773

7#16914 N

T-157

3000#

5-



16914 N  
Part Number

Pressure Recorder: Cap. 3000 ft  
Location 4223'

<b>PRESSURE DATA</b>	
Initial Hydrostatic Mud	2339
Initial Flow	70
Final Flow	512
Final Shut-In	1163
Final Hydrostatic Mud	2339
"Initial Shut-In"	1277

marks: Well temperature  $125^{\circ}\text{F}$ .

OPEN HOLE  
TEST

## JOHNSTON TESTERS, INC.

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

DATE 3/22/58

OPEN HOLE TEST NO. 3 WELL: Haas #1  
 FIELD Wild Cat COUNTY Rush STATE Kansas

COMPANY Aurora Gasoline Company  
 ADDRESS 1107 Union National Building, Wichita, Kansas  
 TEST APPROVED BY Paul D. Koontz  
 JOHNSTON OPERATOR Jerry Swertfeger TICKET NO. 16915 N

TYPE TEST	Conventional		TOTAL DEPTH	4272'
1. Test Interval:	4263'	To	4272'	
2. Tool Open	1	Hrs.	Min	
3. Initial Shut In		Hrs. 15	Min	
4. Final Shut In		Hrs. 30	Min	
5. Choke: Top	$\frac{1}{2}$ "	Bottom	$\frac{1}{2}$ "	
6. Fluid Recovery	30'	Total,		
		30' mud.		
		120' gas in drill pipe.		

## REMARKS:

Hit bridge while going in hole, thermometer and clock broke.

## SURFACE INFORMATION

1. Blow: Very weak blow for 25 minutes, by-passed tool after 40 minutes;  
very weak blow for 1 minute.

2. Maximum Surface Pressure - Did Well Flow? No

Description Or Rate of Flow	Time	Max. Pressure	Size Surface Choke

## MUD, HOLE &amp; JOHNSTON TOOL DATA

MUD: Type Starch, Weight 10.1 Viscosity 48  
 HOLE: Main Hole Size 7 7/8" Drill Pipe Size 4 1/2"

Rat Hole Size -

## JOHNSTON TOOLS:

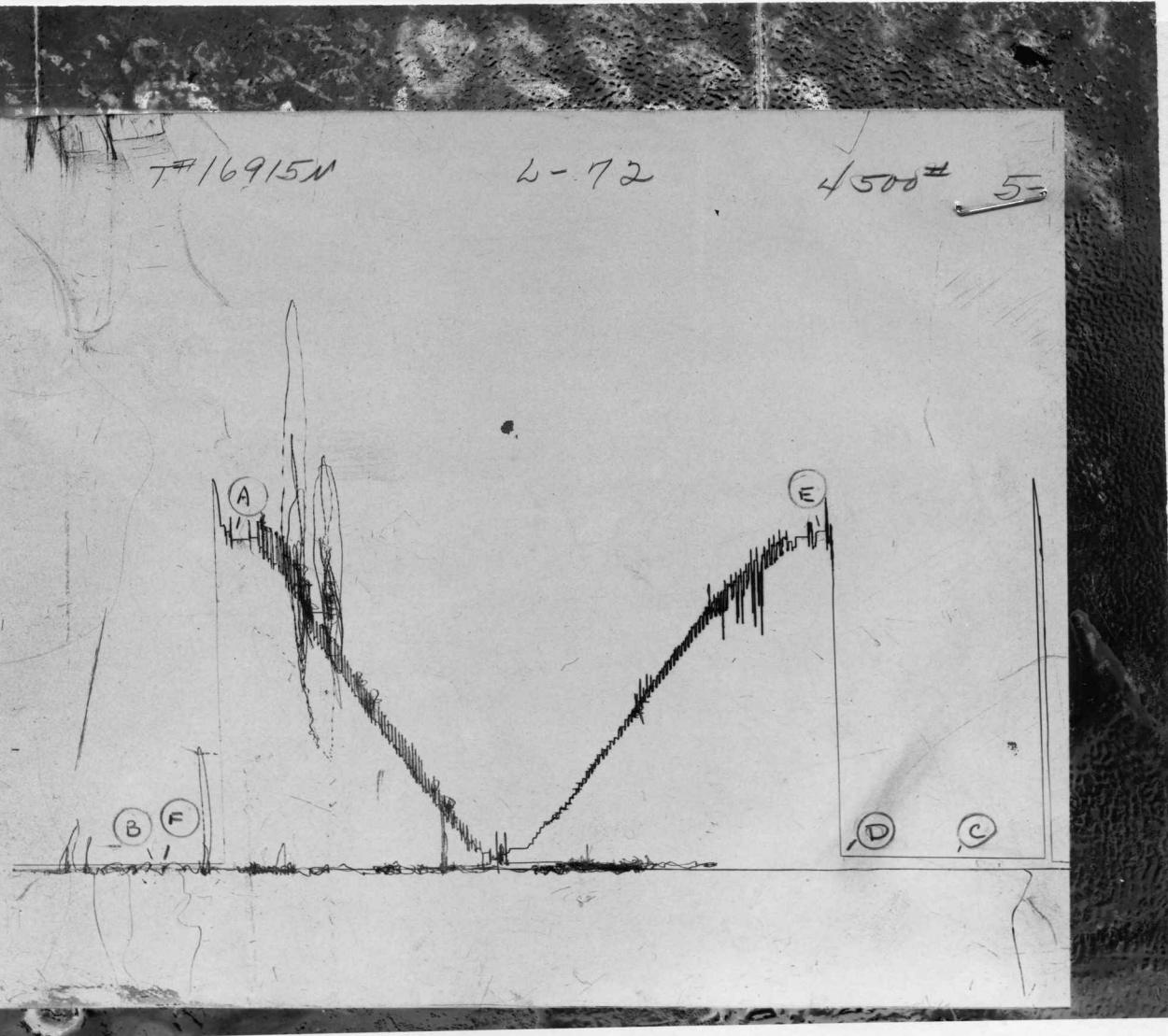
1. Packer(s): Type Bob tail O.D. 6 5/8" Type O.D.  
 Set At 4263' Set At

## 2. Extra Equipment:

None.

## MUD, HOLE, &amp; TOOL DATA

650773



1 Ticket No. 16915 N  
Part Number

### Pressure Recorder:

No. L-72  
Cap. 4500#  
Location 4268'

PRESSURE DATA	
Initial Hydrostatic Mud	2320
Initial Flow	1
Final Flow	46
Final Shut-In	51
Final Hydrostatic Mud	2385
"Initial Shut-In"	7

marks: \_\_\_\_\_