

OPEN HOLE TEST

JOHNSTON TESTERS, INC.

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

15-29-74

OPEN HOLE TEST NO. 3 WELL: Joran #1 DATE 7-26-57
 FIELD Basil COUNTY Kingman STATE Kansas
 COMPANY W. J. Coppinger
 ADDRESS 507 Union National Bank Building, Wichita, Kansas
 TEST APPROVED BY Lee Paulsen
 JOHNSTON OPERATOR Wayne W. Elder TICKET NO. 24726 N

GENERAL TEST DATA

TYPE TEST <u>Conventional</u>		TOTAL DEPTH <u>4180'</u>	
1. Test Interval: <u>4156'</u> To <u>4180'</u>	7. Fluid Cushion: Type <u>None</u> Amount		
2. Tool Open <u>1</u> Hrs. Min	8. Air Chamber Amount <u>7'</u> Size: <u>4 1/2"</u>		
3. Initial Shut In Hrs. <u>10</u> Min	9. Did Packer(s) Hold? <u>Yes</u>		
4. Final Shut In Hrs. <u>20</u> Min	10. Did Tool Plug? <u>No</u> Where?		
5. Choke: Top <u>3/4"</u> Bottom <u>1/2"</u>	11. Was Test Reversed Out? <u>No</u>		
6. Fluid Recovery <u>70'</u> <u>of gas cut drilling mud.</u>			

REMARKS:

SURFACE INFORMATION

1. Blow: strong blow.

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

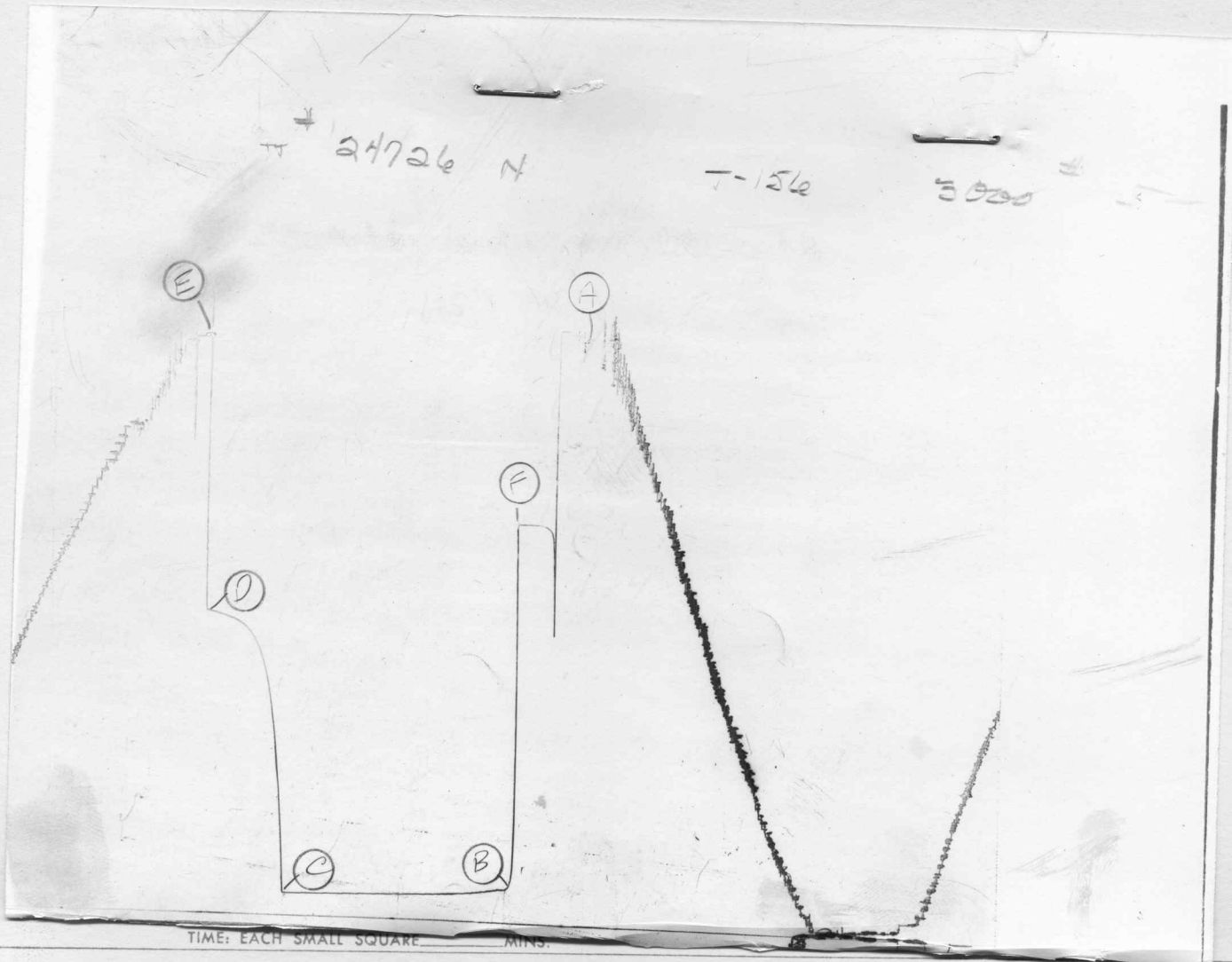
Description Or Rate of Flow	Time	Max. Pressure	Size Surface Choke
Gas to surface	3 Mins.		3/4"
606,000 cubic feet of gas per day.	10 Mins.		
517,000 cubic feet of gas per day.	20 Mins.		
460,000 cubic feet of gas per day.	30 Mins.		
428,000 cubic feet of gas per day.	40 Mins.		
402,000 cubic feet of gas per day.	50 Mins.		
396,000 cubic feet of gas per day.	60 Mins.		

MUD, HOLE, & TOOL DATA

MUD, HOLE & JOHNSTON TOOL DATA

MUD: Type Starch, Weight 10 Viscosity 45
 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 4156' Set At -
 2. Extra Equipment: None.

Number of Copies Requested: 5



Test Ticket No. <u>24726 N</u>	Pressure Recorder:	No. <u>T-156</u>
Chart Number _____		Cap. <u>3000#</u>
		Location <u>4172'</u>

PRESSURE DATA		Point	Pressure	Point	Pressure
A	Initial Hydrostatic Mud		2293		
B	Initial Flow		130		
C	Final Flow		87		
D	Final Shut-In		1192		
E	Final Hydrostatic Mud		2265		
F	"Initial Shut-In"		1566		
Remarks: <u>Well temperature 110°F.</u>					