

**OPEN HOLE TEST**

**JOHNSTON TESTERS, INC.**

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

DATE 12-16-56

OPEN HOLE TEST NO. 1 WELL: Koehn #9  
 FIELD - COUNTY Kiowa STATE Kans.

COMPANY Gulf Oil Corporation  
 ADDRESS Box 2233 Wichita, Kans.  
 TEST APPROVED BY P.L. Mullin  
 JOHNSTON OPERATOR H.M. Raymer TICKET NO. 16101 N

GENERAL TEST DATA

TYPE TEST <u>Conv.</u>		TOTAL DEPTH <u>4949'</u>
1. Test Interval: <u>4919'</u> To <u>4949'</u>	7. Fluid Cushion: Type <u>-</u> Amount <u>-</u>	
2. Tool Open Hrs. <u>30</u> Min	8. Air Chamber Amount <u>-</u> Size: <u>-</u>	
3. Initial Shut In Hrs. <u>-</u> Min	9. Did Packer(s) Hold? <u>Yes</u>	
4. Final Shut In Hrs. <u>30</u> Min	10. Did Tool Plug? <u>-</u> Where? <u>-</u>	
5. Choke: Top <u>5/8"</u> Bottom <u>5/8"</u>	11. Was Test Reversed Out? <u>Yes</u>	
6. Fluid Recovery <u>Reversed out</u> Total,		
<u>Gas 4 mins.</u>		
<u>Mud 12 mins.</u>		
<u>Oil 15 mins.</u>		

REMARKS: -

SURFACE INFORMATION

1. Blow: Strong.

2. Maximum Surface Pressure - Did Well Flow? Yes

Description Or Rate of Flow	Time	Max. Pressure	Size Surface Choke
<u>Gas to surface in 4 mins. Est. 2,000,000 M.C.F.</u>	<u>4 mins.</u>	<u>2,000,000 M.C.F.</u>	<u>5/8"</u>
<u>Est. 5 BBLs. oil per hour.</u>			

MUD, HOLE, & TOOL DATA

**MUD, HOLE & JOHNSTON TOOL DATA**

MUD: Type Starch, Weight 9.3 Viscosity 44

HOLE: Main Hole Size 7 7/8" Drill Pipe Size 4 1/2" F.H.

Rat Hole Size -

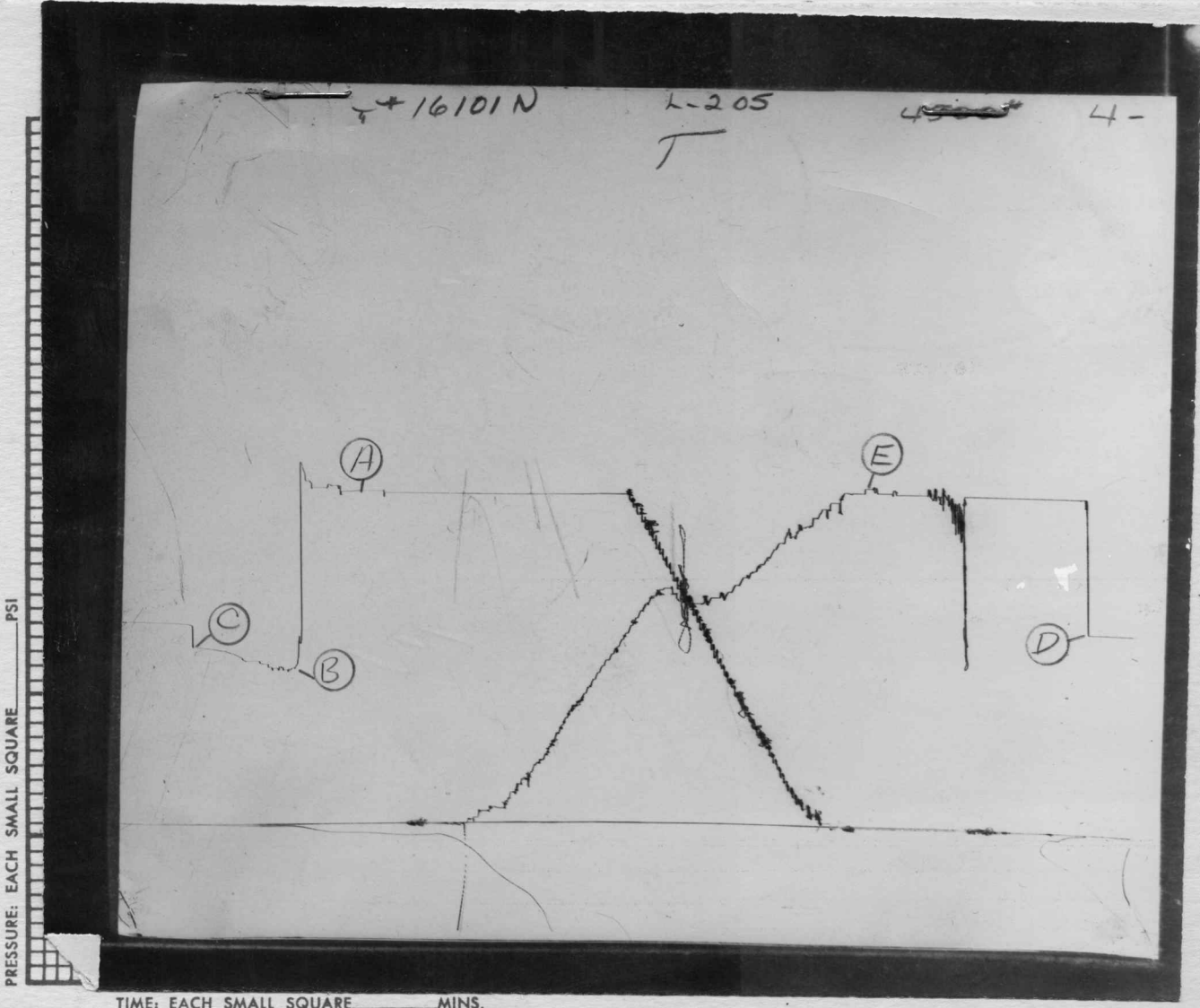
JOHNSTON TOOLS:

1. Packer(s): Type B.T. O.D. 6 5/8" Type - O.D. -

Set At 4919' Set At -

2. Extra Equipment: Jars.

Number of Copies Requested: 4



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

Test Ticket No. <u>16101 N</u>	Pressure Recorder: _____	No. <u>L-205</u>	
Chart Number _____		Cap. <u>4500#</u>	
		Location <u>4948'</u>	

PRESSURE DATA		Point	Pressure	Point	Pressure
A	Initial Hydrostatic Mud		2660		
B	Initial Flow		1240		
C	Final Flow		1390		
D	Final Shut-In		1585		
E	Final Hydrostatic Mud		2715		
F	"Initial Shut-In"				
Remarks: <u>Well temp. 121°F</u>					