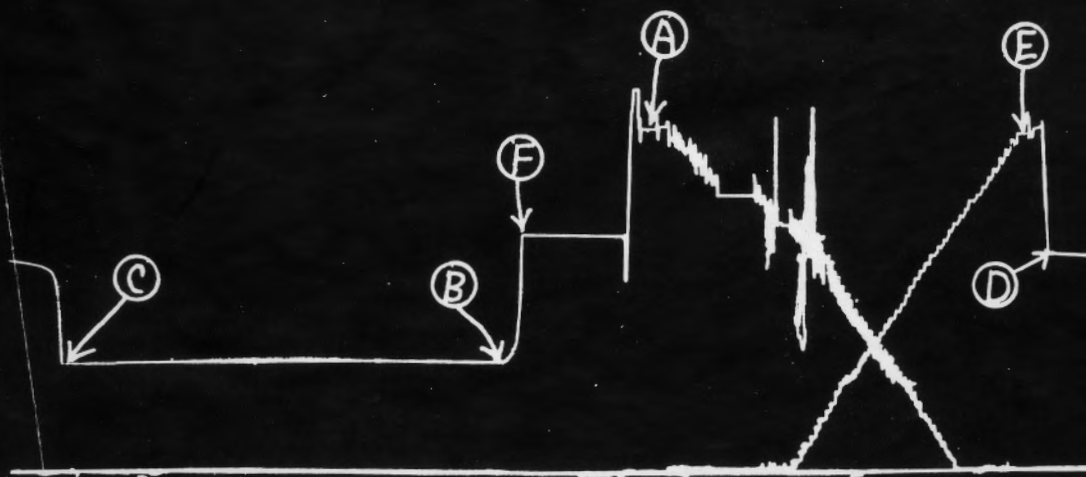


MULL DRLG. CO.
HULL #1

TEST #1
TKT #7190.K



This is an actual photograph of recorder chart.

PRESSURE DATA

(A) Initial Hydrostatic Mud	2680#
(B) Initial Flow	860#
(C) Final Flow	860#
(D) Final Shut-In	1700#
(E) Final Hydrostatic Mud	2680#
(F) Initial Shut-In	1840#

Point

Pressure



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

COMPANY Hull Drilling Co., Inc. WELL Hull #1
DATE 10-1-57 COUNTY Barber STATE Kansas
TEST NO. 1 TICKET NO. 7190 K TYPE TEST Open Hole (Conventional)
TEST APPROVED BY G. R. Sullivan WESTERN REPRESENTATIVE L. D. Smith

TEST DATA:

Tested From 4760' To 4785' Depth 4785'
Hydrostatic Mud Pressure—Initial (A) 2680# Final (E) 2680#
Flow Pressure—Initial (B) 860# Final (C) 860#
Bottom Hole Pressure—Initial (F) 1840# Final (D) 1700#
Tool Open 1 Hr. 30 Min.; Shut-in—Initial 20 Min.; Shut-in—Final 20 Min.
Chokes; Surface 3/4" Bottom 3/4" Fluid Cushion: Type Amount
Recovery:

**15' gas cut & slightly oil cut muddy water
Gas to surface 1 1/2 min.**

SURFACE DATA:

BLOW: 4,830,000 cubic ft. gas per day

Maximum Surface Pressure 4,830,000 Did Well Flow? No

Description of Flow	Time	Max. Pressure	Size Surface Choke
<u>Gas</u>	<u>5 minutes</u>	<u>4,070,000 cu. ft. per day</u>	<u>3/4"</u>
<u>"</u>	<u>10 minutes</u>	<u>4,260,000 cu. ft. per day</u>	<u>3/4"</u>
<u>"</u>	<u>15 minutes</u>	<u>4,830,000 cu. ft. per day</u>	<u>3/4"</u>
<u>"</u>	<u>30 minutes</u>	<u>4,830,000 cu. ft. per day</u>	<u>3/4"</u>
<u>"</u>	<u>45 minutes</u>	<u>4,830,000 cu. ft. per day</u>	<u>3/4"</u>
<u>"</u>	<u>1 hr.</u>	<u>4,830,000 cu. ft. per day</u>	<u>3/4"</u>
<u>"</u>	<u>1 1/2 Hr.</u>	<u>4,830,000 cu. ft. per day</u>	<u>3/4"</u>

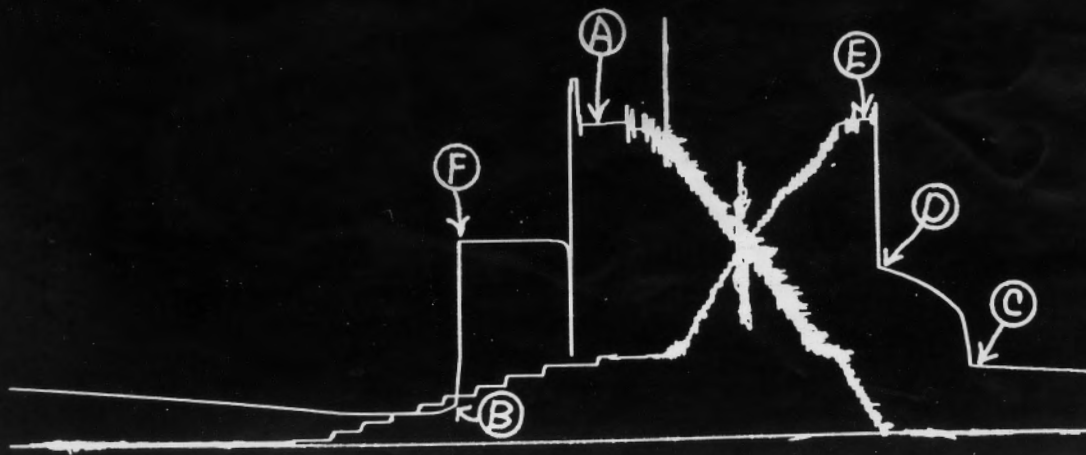
GENERAL OPERATIONAL DATA:

Hole Size: Main Hole 7 7/8" Rat Hole Drill Pipe Size 4 1/2" F. H.
Hole Condition 3 bridges Mud Weight 10.2 Viscosity 45
Type Pressure Recorder Western Recorder No. 37 & 38 Date Calib. 4-4-57
Extra Equipment: Dual Packer Yes Jars No Safety Joint No
Was Test Recovery Reversed Out? No Bottom Hole Temperature Not taken
Number of Copies Requested 4

REMARKS:

MULL DRUG. CO.
HULL #1

TEST #2
TKT #7191.K



This is an actual photograph of recorder chart.

PRESSURE DATA

(A) Initial Hydrostatic Mud	2680#
(B) Initial Flow	240#
(C) Final Flow	540#
(D) Final Shut-In	1480#
(E) Final Hydrostatic Mud	2680#
(F) Initial Shut-In	1780#

Point

Pressure



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

COMPANY Mull Drilling Co., Inc. WELL Hull #1
DATE 10-1-57 COUNTY Barber STATE Kansas
TEST NO. 2 TICKET NO. 7191 K TYPE TEST Open Hole (Conventional)
TEST APPROVED BY J. F. Mull WESTERN REPRESENTATIVE L. D. Smith

TEST DATA:

Tested From 4785' To 4803' Depth 4803'
Hydrostatic Mud Pressure—Initial (A) 2680# Final (B) 2680#
Flow Pressure—Initial (B) 240# Final (C) 540#
Bottom Hole Pressure—Initial (F) 1780# Final (D) 1480#
Tool Open 2 Hr. Min.; Shut-in-Initial 20 Hr. Min.; Shut-in-Final 20 Min.
Chokes; Surface 3/4" Bottom 3/4" Fluid Cushion: Type Amount
Recovery:
1050' fluid 60' gassey oily mud
90' gas out light muddy oil
700' free oil
90' oil with water approx. 10%
90' oil & water 50-50
20' water

SURFACE DATA:

BLOW: Strong throughout test. Gas to surface 6 min.

Maximum Surface Pressure Did Well Flow? No

Estimated	Description of Flow	Time	Max. Pressure	Size Surface Choke
	<u>Gas</u>	<u>per day</u>	<u>250,000 cu. ft.</u>	<u>3/4"</u>
		<u>diminishing to</u>	<u>small amount (prob. 100,000)</u>	

GENERAL OPERATIONAL DATA:

Hole Size: Main Hole 7 7/8" Rat Hole Drill Pipe Size 4 1/2" F. H.
Hole Condition 1 bridge Mud Weight 10.2 Viscosity 45
Type Pressure Recorder Western Recorder No. 37 & 38 Date Calib. 4-4-57
Extra Equipment: Dual Packer Yes Jars No Safety Joint No
Was Test Recovery Reversed Out? No Bottom Hole Temperature Not taken
Number of Copies Requested 4

REMARKS: