



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

COMPANY JONES, SHELBURNE & FARMER, INCORPORATED WELL Worley # 1  
DATE March 26, 1957 COUNTY Osborne STATE Kansas  
TEST NO. # 3 TICKET NO. 6714-K TYPE TEST Open-hole (conventional)  
TEST APPROVED BY J. E. Parker WESTERN REPRESENTATIVE E. R. Cook

TEST DATA:

Tested From 2980' To 3015' Depth 3015'  
Hydrostatic Mud Pressure—Initial (A) 1600# Final (B) 1600#  
Flow Pressure—Initial (B) 0# Final (C) 0#  
Bottom Hole Pressure—Initial (F) Not taken Final (D) 800#  
Tool Open 1 Hr. - Min.; Shut-in-Initial 0 Hr. - Min.; Shut-in-Final - Hr. 20 Min.  
Chokes; Surface 1/2" Bottom 3/4" Fluid Cushion: Type None Amount \_\_\_\_\_  
Recovery: \_\_\_\_\_

105' Muddy salt water.

SURFACE DATA:

BLOW: Weak intermittent blow for 30 minutes.

Maxium Surface Pressure \_\_\_\_\_ Did Well Flow? No

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 Not given Viscosity 38  
Type Pressure Recorder Western Recorder No. 23 & 24 Date Calib. 12-1-56  
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 \_\_\_\_\_

REMARKS:



Wiley # 3

Jones, Sheelburne, Farmer

16

2/19 + D

KE SEMI-LOGARITHMIC KEUPFEL & ESSER CO. MADE IN U.S.A. 358-63 2 CYCLES X 140 DIVISIONS

BHP	890	± 20	2155
Equip H <sub>2</sub> O Head	2058	± 50	Feet
Elevation	1792		Feet
	<u>3650</u>		

Depth to Bond

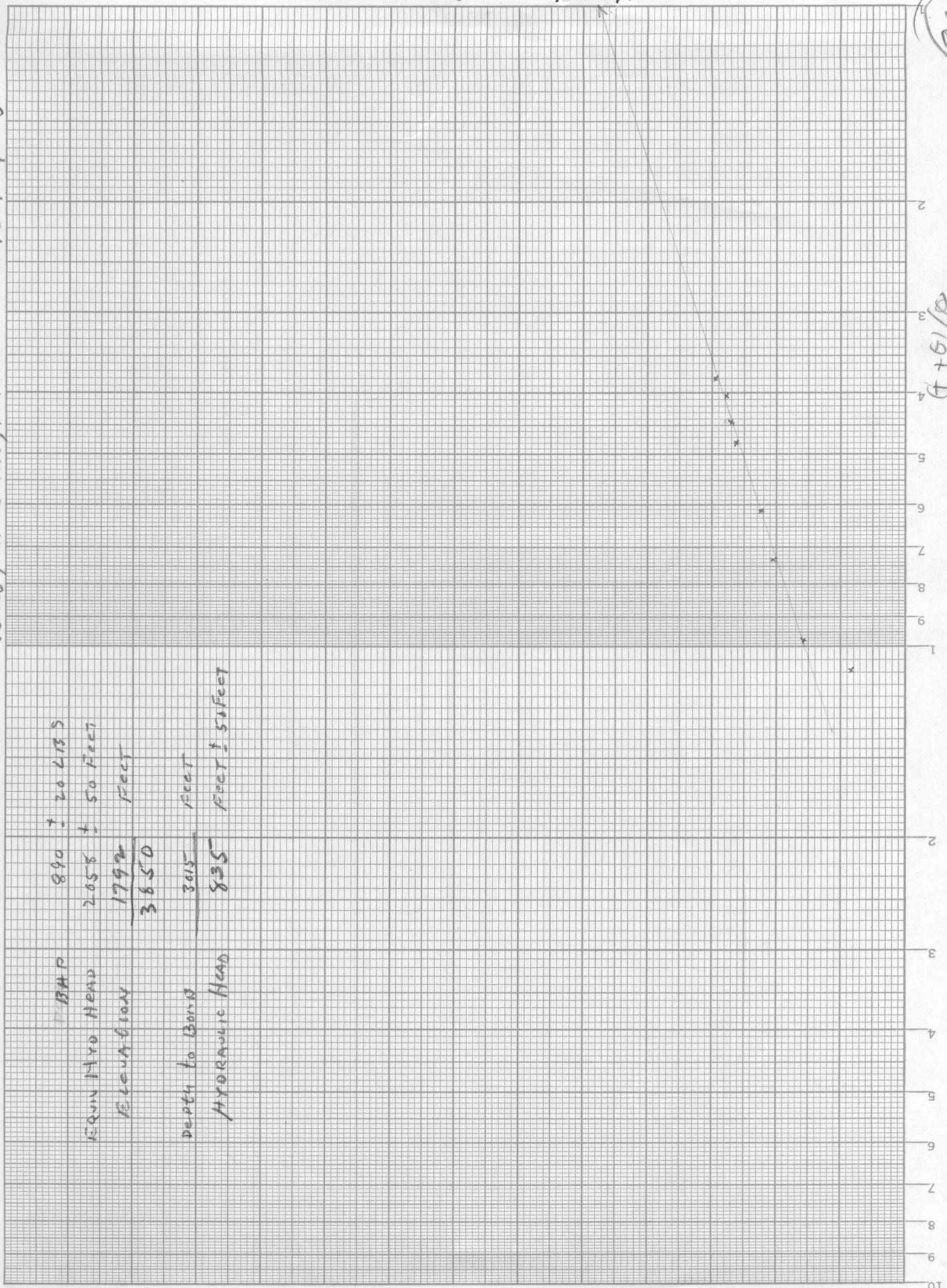
3015

Feet

Hydraulic Head

835

Feet ± 50 Feet



1000

200

890

120

200

1000

2

3

4

5

6

7

8

9

1

2

3

4

5

6

7

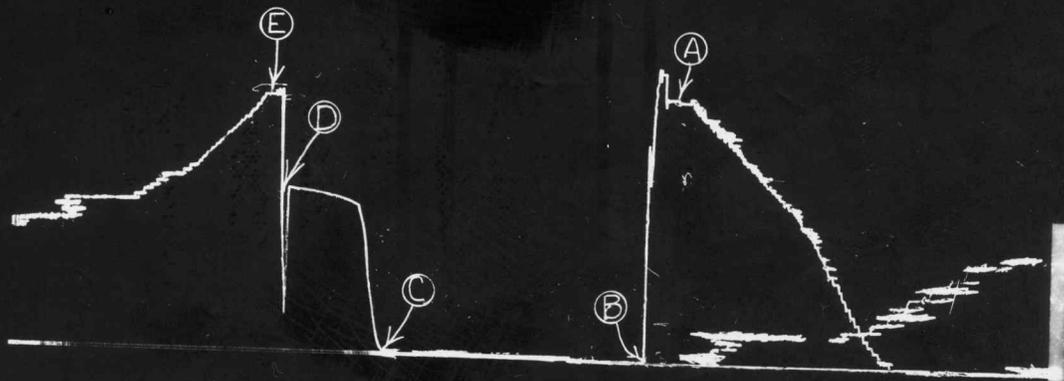
8

9

10

JONES, SHELburnE & FARMER  
 WORLEY #1

TEST #3  
 TRT #5714K



This is an actual photograph of recorder chart.

PRESSURE DATA

	Point	Pressure
(A) Initial Hydrostatic Mud		1600#
(B) Initial Flow		0#
(C) Final Flow		0#
(D) Final Shut-In		800#
(E) Final Hydrostatic Mud		1600#
(F) Initial Shut-In		Not taken



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COMPANY Jones, Shelburne & Farmer, Incorporated WELL Worley # 1  
DATE March 27, 1957 COUNTY Osborne STATE Kansas  
TEST NO. # 4 TICKET NO. 6715-K TYPE TEST Open-hole (conventional)  
TEST APPROVED BY J. E. Parker WESTERN REPRESENTATIVE E. R. Cook

TEST DATA:

Tested From 3020' To 3071' Depth 3071'  
Hydrostatic Mud Pressure—Initial (A) 1680# Final (E) 1680#  
Flow Pressure—Initial (B) 90# Final (C) 390#  
Bottom Hole Pressure—Initial (F) Not taken Final (D) 1000#  
Tool Open 1 Hr. — Min.; Shut-in-Initial      Hr. — Min.; Shut-in-Final      Hr. 20 Min.  
Chokes; Surface 1/2" Bottom 3/4" Fluid Cushion: Type None Amount     

Recovery:

560' Heavily gas cut oil  
150' Gassy oil  
150' Heavily oil and gas cut mud

860

SURFACE DATA:

BLOW: Strong blow throughout test. Gas to surface in 50 minutes.

Maxium Surface Pressure      Did Well Flow? No

Description of Flow	Time	Max. Pressure	Size Surface Choke

GENERAL OPERATIONAL DATA:

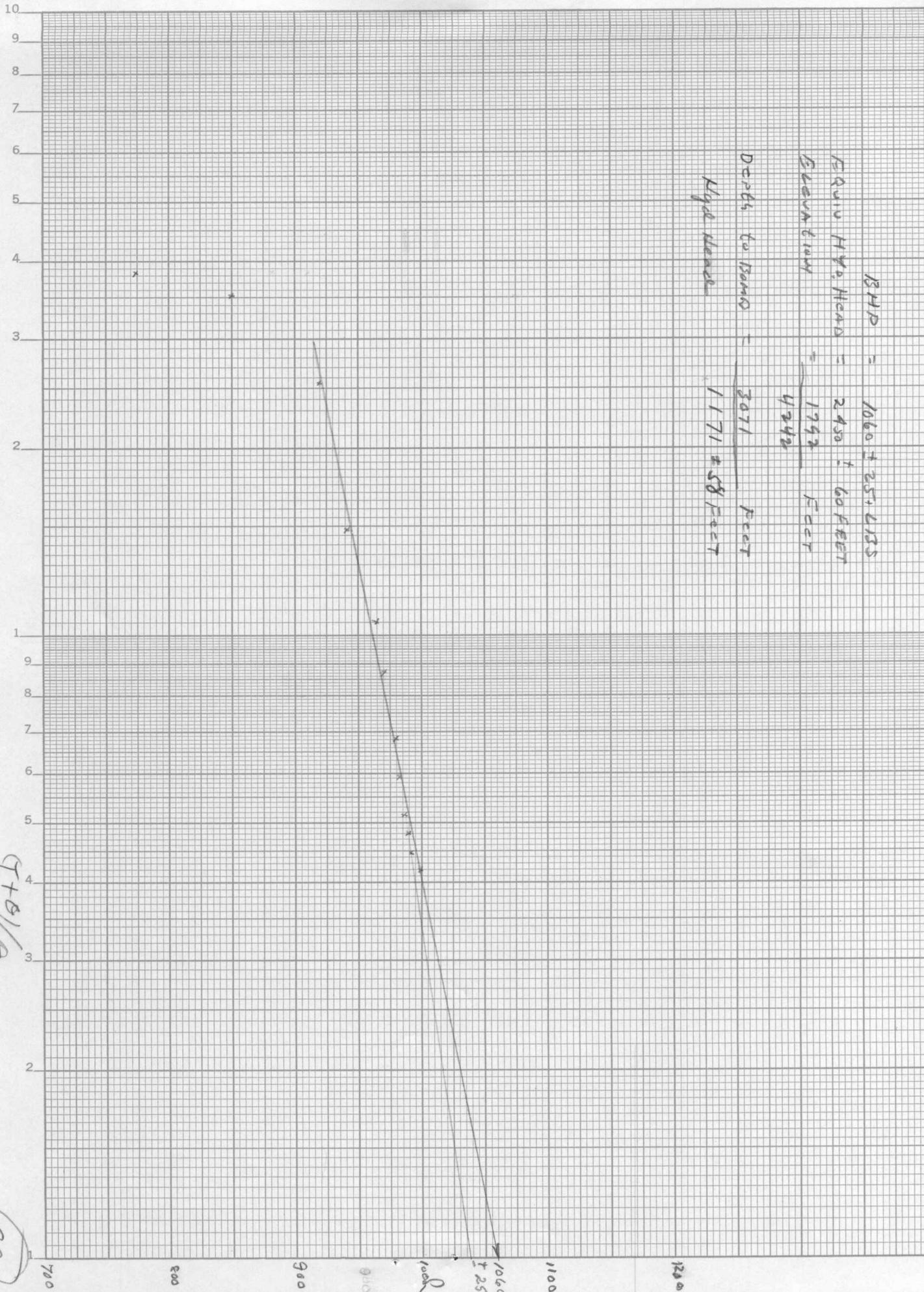
Hole Size: Main Hole 7 7/8" Rat Hole      Drill Pipe Size 4 1/2" F.H.  
Hole Condition Good Mud Weight 10.2# Viscosity 39  
Type Pressure Recorder Western Recorder No. 23 & 24 Date Calib. 12-1-56  
Extra Equipment: Dual Packer - Yes      Jars No Safety Joint No  
Was Test Recovery Reversed Out? No Bottom Hole Temperature Not taken  
Number of Copies Requested     

REMARKS:



(T+θ)/θ

92



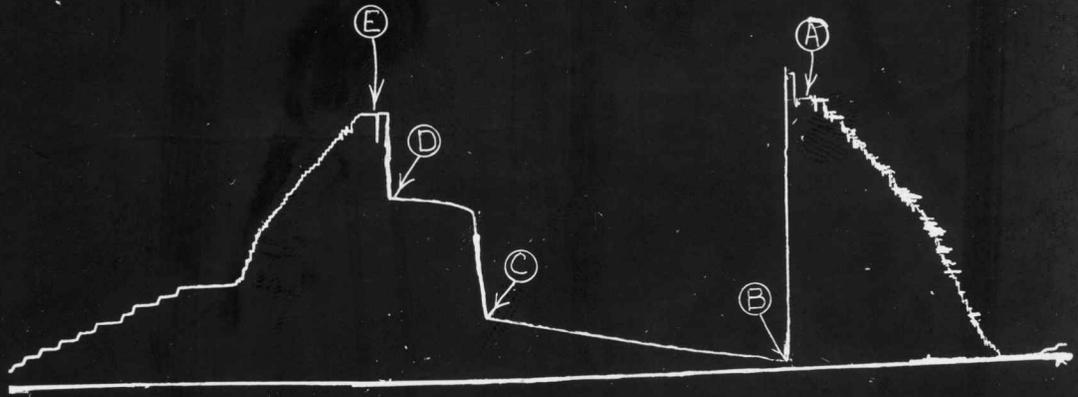
BHP = 1060 ± 25% LBS  
 EQUIV HYD HEAD = 2450 ± 60 FEET  
 ELEVATION = 1792 FEET  
 4242

Depth to Sand = 3071 Feet  
 Hyde Head = 1171 ± 58 Feet

Jones, Stolbuene, Franer  
 boiler #1 #4

JONES, SHELBURNE & FARMER  
 WORLEY #1

TEST #4  
 TKT #6715K



This is an actual photograph of recorder chart.

PRESSURE DATA

	Point	Pressure
(A) Initial Hydrostatic Mud		1680#
(B) Initial Flow		90#
(C) Final Flow		390#
(D) Final Shut-In		1000#
(E) Final Hydrostatic Mud		1680#
(F) Initial Shut-In		Not taken



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COMPANY JONES, SHELBURNE & FARMER, INCORPORATED WELL Worley # 1  
DATE March 29, 1957 COUNTY Osborne STATE Kansas  
TEST NO. # 6 TICKET NO. 6717-K TYPE TEST Open-hole (conventional)  
TEST APPROVED BY J. E. Parker WESTERN REPRESENTATIVE E. R. Cook

TEST DATA:

Tested From 3306' To 3320' Depth 3320'  
Hydrostatic Mud Pressure—Initial (A) 1860# Final (B) 1860#  
Flow Pressure—Initial (B) 90# Final (C) 430#  
Bottom Hole Pressure—Initial (F) No Taken Final (D) 820#  
Tool Open 1 Hr. - Min.; Shut-in-Initial - Hr. - Min.; Shut-in-Final - Hr. 20 Min.  
Chokes; Surface 1/2" Bottom 3/4" Fluid Cushion: Type None Amount -

Recovery:

300' Slightly oil and gas cut salt water  
360' Oil and gas cut salt water  
180' Salt Water

840

SURFACE DATA:

BLOW: Strong blow decreasing to weak blow in one hour.

Maxium Surface Pressure \_\_\_\_\_ Did Well Flow? No

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 10.2# Viscosity 41  
Type Pressure Recorder Western Recorder No. 23 & 24 Date Calib. 12-1-56  
Extra Equipment: Dual Packer Yes Jars Yes Safety Joint Yes  
Was Test Recovery Reversed Out? No Bottom Hole Temperature Not taken  
Number of Copies Requested \_\_\_\_\_

REMARKS:

Jones Shelburne Farmer 4 Wberley 3306-3320 255106  
27-105-15W KS, Cherokee

120  
FHP

154  
124.5185  
mm

200  
180  
160  
170

19.38	825.00
18.03	820.00
16.46	807.4
14.89	815.8
12.4	800.72
9.72	788.53
7.92	775.73
6.12	763.13
4.32	744.23
1.135	706.43
5.67	567.67

40  
30

FHP

110  
120  
130

50  
40  
FHP

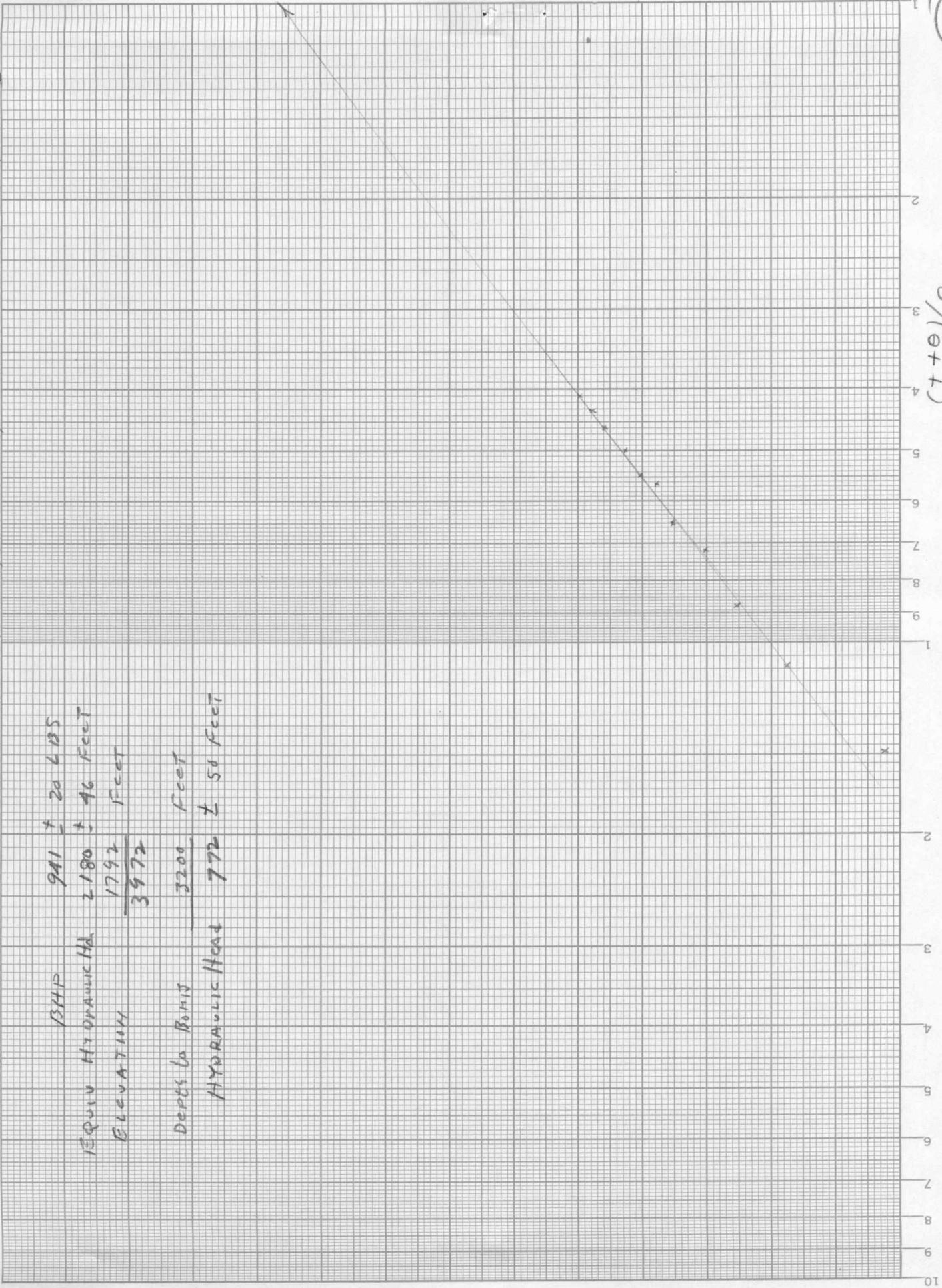
Jones, Shelburne, Farmer

Wotley # 1 # 6

93

KE SEMI-LOGARITHMIC  
KEUFFEL & ESSER CO. MADE IN U.S.A. 358-63  
2 CYCLES X 140 DIVISIONS

(t+0)/0



BHP 941 ± 20 LBS  
 EQUIV HYDRAULIC HD 2180 ± 46 FEET  
 ELEVATION 1792 FEET  
3972

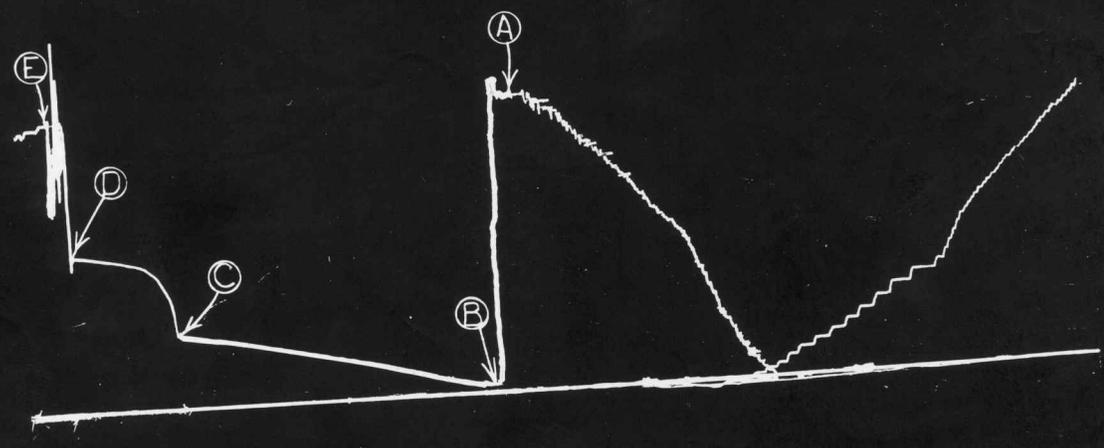
DEPTS TO PUMPS 3200 FEET  
 HYDRAULIC HEAD 772 ± 50 FEET

1100  
1000  
900  
800  
700

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

JONES, SHELBURNE, FARMER  
WORLEY # 1

TEST #6  
TKT #0717 K



This is an actual photograph of recorder chart.

PRESSURE DATA

- (A) Initial Hydrostatic Mud \_\_\_\_\_
- (B) Initial Flow \_\_\_\_\_
- (C) Final Flow \_\_\_\_\_
- (D) Final Shut-In \_\_\_\_\_
- (E) Final Hydrostatic Mud \_\_\_\_\_
- (F) Initial Shut-In \_\_\_\_\_

Point

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Pressure

- 1860# \_\_\_\_\_
- 90# \_\_\_\_\_
- 430# \_\_\_\_\_
- 820# \_\_\_\_\_
- 1860# \_\_\_\_\_
- Not Taken \_\_\_\_\_