



Home Office: Great Bend, Kansas

P. O. Box 793 Gladstone 3-7903

Company Pack Oil Company Lease & Well No. Mancil-Moore #1
Elevation 1026 Kelly Bushings Ticket Number 3771
Date August 8, 1964 Sec. 14 Twp. 30s Range 10e County Elk State Kansas
Test Approved by K. W. Johnson Western Representative Ray H. Roadenbaugh

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 1990' to 2015' Total Depth 2015'
Size Main Hole 7 7/8 Rat Hole ☒ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☐ No ☐ Conv. ☒ B.T. ☒ Damaged ☐ Yes ☒ No ☐
Packer Depth 1990 Ft. Size 6 3/4 Packer Depth 1985 Ft. Size 6 3/4
Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
Tool Size 5 1/2 Packer Depth 3 1/2 Ft. Size 25 Size 5 1/2 O. D.
Tool Jt. Size 3 1/2 I.F. Anchor Length 25 Ft.

RECORDERS Depth 2004 Ft. Clock No. 6897 Depth 2007 Ft. Clock No. 29
Top Make Amerada Cap. 3150 No. 1565 Inside Inside Bottom Make Western Cap. 3000 No. 29 Inside Inside
Below Straddle: Depth Clock No. Outside Outside Depth Ft. Clock No. Outside Outside
Top Make Cap. No. Inside Inside Bottom Make Cap. No. Inside Inside

Time Set Packer 6:29 A M
Tool Open I.F.P. From 6:32 A M to 6:37 A M Hr. 5 Min. From (B) 39 P.S.I. To (C) 39 P.S.I.
Tool Closed I.C.I.P. From 6:37 A M to 6:57 A M Hr. 20 Min. (D) 668 P.S.I.
Tool Open F.F.P. From 6:57 A M to 7:15 A M Hr. 22 Min. From (E) 39 P.S.I. To (F) 39 P.S.I.
Tool Closed F.C.I.P. From 7:15 A M to 7:30 A M Hr. 15 Min. (G) 349 P.S.I.
Initial Hydrostatic Pressure (A) 1037 P.S.I. Final Hydrostatic Pressure (H) 1026 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION M. M. M.

BLOW Weak blow for 2 minutes Bottom Choke Size 3/4 in.
Did Well Flow Yes ☒ No ☐ Recovery Total Ft. 20% slightly oil specked mud.

Reversed Out Yes ☒ No ☐ Mud Type chemical Viscosity 34 Weight 9.5 Maximum Temp. 99 °F
EXTRA EQUIPMENT: Dual Packers yes Safety Joint Jars: Size Make Ser. No.
Type Circ. Sub. plug type Did Tool Plug? no Where? Did Packer Hold? yes
Length Drill Pipe 1198.01 ft. I.D. Drill Pipe 2.6 In. Length Weight Pipe ft. I.D. Weight Pipe In. Length Drill Collars 170.19 ft.
I. D. Drill Collars 2.4 in. Length D. S. T. Tool 46.80 ft.

Remarks

WESTERN TESTING CO., INC. **Pressure Data**

Date August 8, 1964 Test Ticket No. 3771
 Recorder No. 1565 Capacity 3150 Location 2004 Ft.
 Clock No. 6897 Elevation 1026 Kelly Bushings Well Temperature 99 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1037</u> P.S.I.	Opened Tool	<u>6:29</u> A M.	
B First Initial Flow Pressure	<u>39</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>39</u> P.S.I.	Initial Closed-in Pressure	<u>20</u> Mins.	<u>21</u> Mins.
D Initial Closed-in Pressure	<u>668</u> P.S.I.	Second Flow Pressure	<u>22</u> Mins.	<u>20</u> Mins.
E Second Initial Flow Pressure	<u>39</u> P.S.I.	Final Closed-in Pressure	<u>15</u> Mins.	<u>18</u> Mins.
F Second Final Flow Pressure	<u>39</u> P.S.I.			
G Final Closed-in Pressure	<u>349</u> P.S.I.			
H Final Hydrostatic Mud	<u>1026</u> P.S.I.			

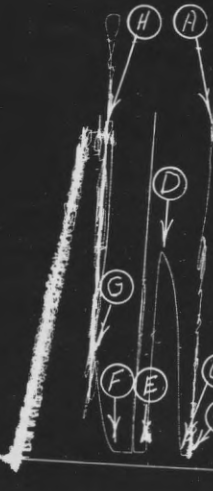
PRESSURE BREAKDOWN

First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>1</u> Inc.	Breakdown: <u>7</u> Inc.	Breakdown: <u>4</u> Inc.	Breakdown: <u>6</u> Inc.
of <u>5</u> mins. and a	of <u>3</u> mins. and a	of <u>5</u> mins. and a	of <u>3</u> mins. and a
final Inc. of <u>0</u> Min.	final Inc. of <u>0</u> Min.	final Inc. of <u>0</u> Min.	final Inc. of <u>0</u> Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>39</u>	<u>0</u>	<u>39</u>	<u>0</u>	<u>39</u>	<u>0</u>	
P 2 <u>5</u>	<u>39</u>	<u>3</u>	<u>188</u>	<u>5</u>	<u>39</u>	<u>3</u>	<u>64</u>
P 3		<u>6</u>	<u>302</u>	<u>10</u>	<u>39</u>	<u>6</u>	<u>113</u>
P 4		<u>9</u>	<u>485</u>	<u>15</u>	<u>39</u>	<u>9</u>	<u>182</u>
P 5		<u>12</u>	<u>570</u>	<u>20</u>	<u>39</u>	<u>12</u>	<u>256</u>
P 6		<u>15</u>	<u>626</u>			<u>15</u>	<u>329</u>
P 7		<u>18</u>	<u>656</u>			<u>18</u>	<u>349</u>
P 8		<u>21</u>	<u>668</u>				
P 9							
P 10							
P 11							
P 12							
P 13							
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							

Pack Oil Co.
Mancil - Moore #1

Test #1
TKT #3771



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A) Initial Hydrostatic Mud	1037	PSI
(B) First Initial Flow Pressure	39	PSI
(C) First Final Flow Pressure	39	PSI
(D) Initial Closed-in Pressure	668	PSI
(E) Second Initial Flow Pressure	39	PSI
(F) Second Final Flow Pressure	39	PSI
(G) Final Closed-in Pressure	349	PSI
(H) Final Hydrostatic Mud	1026	PSI