



Home Office: Great Bend, Kansas

P. O. Box 793

GLadstone 3-7903

Company Pack Oil Company Lease & Well No. Mickley Watts Unit #1
Elevation 1216' K.B. Ticket Number 2744
Date 2-15-63 Sec. 14 Twp. 33S Range 2W County Sumner State Kansas
Test Approved by Sam K. Pack Western Representative Jack Toelkes

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 4281' to 4292' Total Depth 4292'
Size Main Hole 7 7/8" Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐
Packer Depth 4276 Ft. Size 6 3/4" Packer Depth 4281 Ft. Size 6 3/4"
Straddle ☐ Yes ☐ No ☒ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 11 Ft. Size 5 1/2" O.D.

RECORDERS Depth 4282 Ft. Clock No. 6861 Depth 4285 Ft. Clock No. 41
Top Make Amerada Cap. 3150# No. 1563 Inside ☐ Outside ☐ Bottom Make Western Cap. 3000# No. 41 Inside ☐ Outside ☐
Below Straddle: Depth ☐ Clock No. ☐ Inside ☐ Outside ☐ Depth ☐ Ft. Clock No. ☐ Inside ☐ Outside ☐
Top Make ☐ Cap. ☐ No. ☐ Outside ☐ Bottom Make ☐ Cap. ☐ No. ☐ Outside ☐

Time Set Packer 10:16A M
Tool Open I.F.P. From 10:18A M to 10:23A M - Hr. 5 Min. From (B) 17 P.S.I. To (C) 17 P.S.I.
Tool Closed I.C.I.P. From 10:23A M. to 10:43A M. - Hr. 20 Min. (D) 1387 P.S.I.
Tool Open F.F.P. From 10:43A M. to 12:13A M. 1 Hr. 30 Min. From (E) 26 P.S.I. To (F) 89 P.S.I.
Tool Closed F.C.I.P. From 12:13P M. to 12:43P M. - Hr. 30 Min. (G) 1383 P.S.I.
Initial Hydrostatic Pressure (A) 2127 P.S.I. Final Hydrostatic Pressure (H) 2107 P.S.I.

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

BLOW Weak build up to fair Bottom Choke Size 3/4 In.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 157 157' Muddy Salt Water

Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 47 Weight 9.4 Maximum Temp. 142 °F
EXTRA EQUIPMENT: Dual Packers ☒ Safety Joint ☐ No Jars: Size ☐ No Make ☐ Ser. No. ☐
Type Circ. Sub Plug Did Tool Plug? ☐ No Where? ☐ Did Packer Hold? ☒ Yes
Length Drill Pipe 4260 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe ☐ ft. I.D. Weight Pipe ☐ in. Length Drill Collars ☐ ft.
I. D. Drill Collars ☐ in. Length D. S. T. Tool 31 ft.
Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date 2-15-63 Test Ticket No. 2744
 Recorder No. 1563 Capacity 3150# Location 4282 Ft.
 Clock No. 6861 Elevation 1216' K.B. Well Temperature 142 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2127</u> P.S.I.	Opened Tool	<u>10:18 A</u>	<u>10:18 AM</u>
B First Initial Flow Pressure	<u>17</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>17</u> P.S.I.	Initial Closed-in Pressure	<u>20</u> Mins.	<u>20</u> Mins.
D Initial Closed-in Pressure	<u>1387</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>26</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>28</u> Mins.
F Second Final Flow Pressure	<u>89</u> P.S.I.			
G Final Closed-in Pressure	<u>1383</u> P.S.I.			
H Final Hydrostatic Mud	<u>2107</u> P.S.I.			

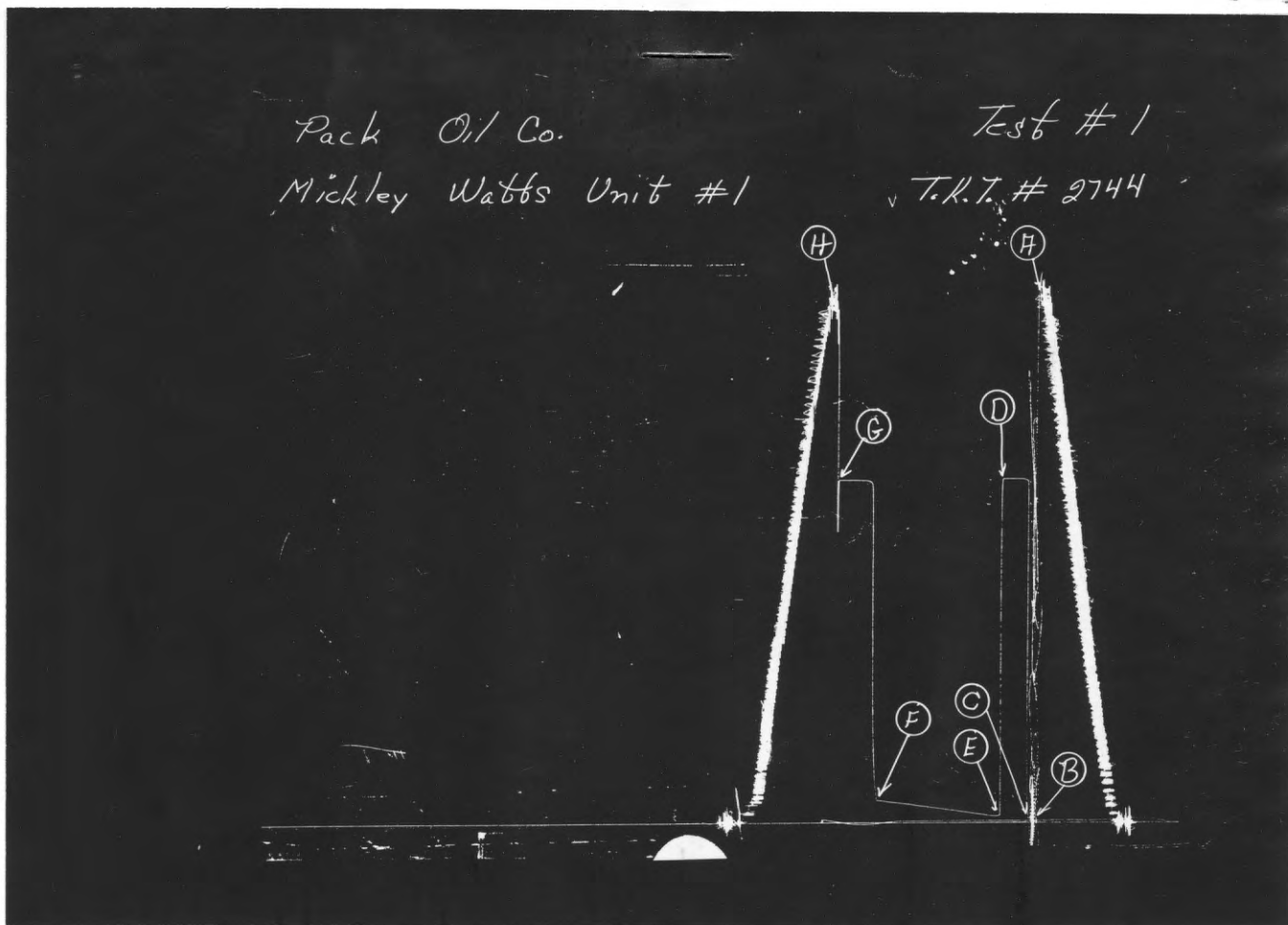
PRESSURE BREAKDOWN

First Flow Press. Initial Shut-In Second Flow Pressure Final Shut-In
 Breakdown: 1 Inc. Breakdown: 6 Inc. Breakdown: 18 Inc. Breakdown: 9 Inc.
 of 5 mins. and a of 3 mins. and a of 5 mins. and a of 3 mins. and a
 final inc. of - Min. final inc. of 2 Min. final inc. of - Min. final inc. of 1 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>17</u>	<u>0</u>	<u>17</u>	<u>0</u>	<u>26</u>	<u>0</u>	<u>89</u>
P 2 <u>5</u>	<u>17</u>	<u>3</u>	<u>1382</u>	<u>5</u>	<u>27</u>	<u>3</u>	<u>649</u>
P 3		<u>6</u>	<u>1385</u>	<u>10</u>	<u>31</u>	<u>6</u>	<u>1379</u>
P 4		<u>9</u>	<u>1387</u>	<u>15</u>	<u>35</u>	<u>9</u>	<u>1382</u>
P 5		<u>12</u>	<u>1387</u>	<u>20</u>	<u>40</u>	<u>12</u>	<u>1383</u>
P 6		<u>15</u>	<u>1387</u>	<u>25</u>	<u>43</u>	<u>15</u>	<u>1383</u>
P 7		<u>18</u>	<u>1387</u>	<u>30</u>	<u>48</u>	<u>18</u>	<u>1383</u>
P 8		<u>20</u>	<u>1387</u>	<u>35</u>	<u>52</u>	<u>21</u>	<u>1383</u>
P 9				<u>40</u>	<u>54</u>	<u>24</u>	<u>1383</u>
P10				<u>45</u>	<u>58</u>	<u>27</u>	<u>1383</u>
P11				<u>50</u>	<u>63</u>	<u>28</u>	<u>1383</u>
P12				<u>55</u>	<u>66</u>		
P13				<u>60</u>	<u>69</u>		
P14				<u>65</u>	<u>74</u>		
P15				<u>70</u>	<u>77</u>		
P16				<u>75</u>	<u>80</u>		
P17				<u>80</u>	<u>83</u>		
P18				<u>85</u>	<u>88</u>		
P19				<u>90</u>	<u>89</u>		
P20							

Pack Oil Co.
Mickley Watts Unit #1

Test # 1
T.K.T. # 2744



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud	2127	PSI
(B)	First Initial Flow Pressure	17	PSI
(C)	First Final Flow Pressure	17	PSI
(D)	Initial Closed-in Pressure	1387	PSI
(E)	Second Initial Flow Pressure	26	PSI
(F)	Second Final Flow Pressure	89	PSI
(G)	Final Closed-in Pressure	1383	PSI
(H)	Final Hydrostatic Mud	2107	PSI