



Home Office: Great Bend, Kansas  
 P. O. Box 793 Gladstone 3-7903

Company Pickrell Drilling Company Lease & Well No. Beltz #1  
 Elevation 2250 Derrick Floor; Formation-Miss. Ticket Number 5468  
 Date Oct. 15, 1964 Sec. 9 Twp. 20 Range 21 County Ness State Kansas  
 Test Approved by Dan Bowles Western Representative Jack Toelkes

Formation Test No. 1 O.K.  Misrun \_\_\_\_\_ Interval Tested From 4358' to 4390' Total Depth 4390'  
 Size Main Hole 7 7/8 Rat Hole \_\_\_\_\_ Conv. \_\_\_\_\_ B.T.  Damaged \_\_\_\_\_ Yes  No \_\_\_\_\_ Conv. \_\_\_\_\_ B.T.  Damaged \_\_\_\_\_ Yes  No \_\_\_\_\_  
 Packer Depth 4353 Ft. Size 6 3/4 Packer Depth 4358 Ft. Size 6 3/4  
 Straddle \_\_\_\_\_ Yes  No \_\_\_\_\_ Conv. \_\_\_\_\_ B.T. \_\_\_\_\_ Damaged \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_  
 Packer Depth \_\_\_\_\_ Ft. Size \_\_\_\_\_  
 Tool Size 5 1/2 O. D. Tool Jt. Size 4 1/2 P. H. Anchor Length 32 Ft. Size 5 1/2 O. D.

RECORDERS Depth 4383 Ft. Clock No. 6892 Depth 4386 Ft. Clock No. 142  
 Top Make Amerada Cap. 4382 No. 1567 Inside Outside Bottom Make Western Cap. 3000 No. 30 Inside Outside  
 Below Straddle: Depth \_\_\_\_\_ Clock No. \_\_\_\_\_ Inside \_\_\_\_\_ Outside \_\_\_\_\_  
 Top Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ Inside \_\_\_\_\_ Outside \_\_\_\_\_  
 Bottom Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ Inside \_\_\_\_\_ Outside \_\_\_\_\_

Time Set Packer 6:31 A. M  
 Tool Open I.F.P. From 6:32 A. M to 6:35 M Hr. 3 Min. From (B) 41 P.S.I. To (C) 41 P.S.I.  
 Tool Closed I.C.I.P. From 6:35 A. M. to 7:05 M. Hr. 30 Min. (D) 1385 P.S.I.  
 Tool Open F.F.P. From 7:05 M. to 8:35 A. M. 1 Hr. 30 Min. From (E) 54 P.S.I. To (F) 149 P.S.I.  
 Tool Closed F.C.I.P. From 8:35 A. M. to 9:05 A. M. Hr. 30 Min. (G) 1098 P.S.I.  
 Initial Hydrostatic Pressure (A) 2405 P.S.I. Final Hydrostatic Pressure (H) 2392 P.S.I.

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

BLOW Fair Bottom Choke Size 3/4 In.  
 Did Well Flow \_\_\_\_\_ Yes  No \_\_\_\_\_ Recovery Total Ft. 100' gas in pipe - 80' heavy mud cut oil - 240' mud cut oil

Reversed Out \_\_\_\_\_ Yes  No \_\_\_\_\_ Mud Type starch Viscosity 43 Weight 10.2 Maximum Temp. 123 °F  
 EXTRA EQUIPMENT: Dual Packers yes Safety Joint \_\_\_\_\_ Jars: Size \_\_\_\_\_ Make \_\_\_\_\_ Ser. No. \_\_\_\_\_  
 Type Circ. Sub. plug Did Tool Plug? no Where? \_\_\_\_\_ Did Packer Hold? yes  
 Length Drill Pipe 3289 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 1050 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars \_\_\_\_\_ ft.  
 I. D. Drill Collars \_\_\_\_\_ in. Length D. S. T. Tool 51 ft.

Remarks \_\_\_\_\_

# WESTERN TESTING CO., INC.

## Pressure Data

Date October 15, 1964 Test Ticket No. 5468  
 Recorder No. 1567 Capacity 4300 Location 4383 Ft.  
 Clock No. 6892 Elevation 2250 Derrick Floor Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2405</u> P.S.I.	Opened Tool	<u>6:31</u> A M	
B First Initial Flow Pressure	<u>41</u> P.S.I.	First Flow Pressure	<u>3</u> Mins.	<u>3</u> Mins.
C First Final Flow Pressure	<u>41</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1385</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>88</u> Mins.
E Second Initial Flow Pressure	<u>54</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>32</u> Mins.
F Second Final Flow Pressure	<u>149</u> P.S.I.			
G Final Closed-in Pressure	<u>1098</u> P.S.I.			
H Final Hydrostatic Mud	<u>2392</u> P.S.I.			

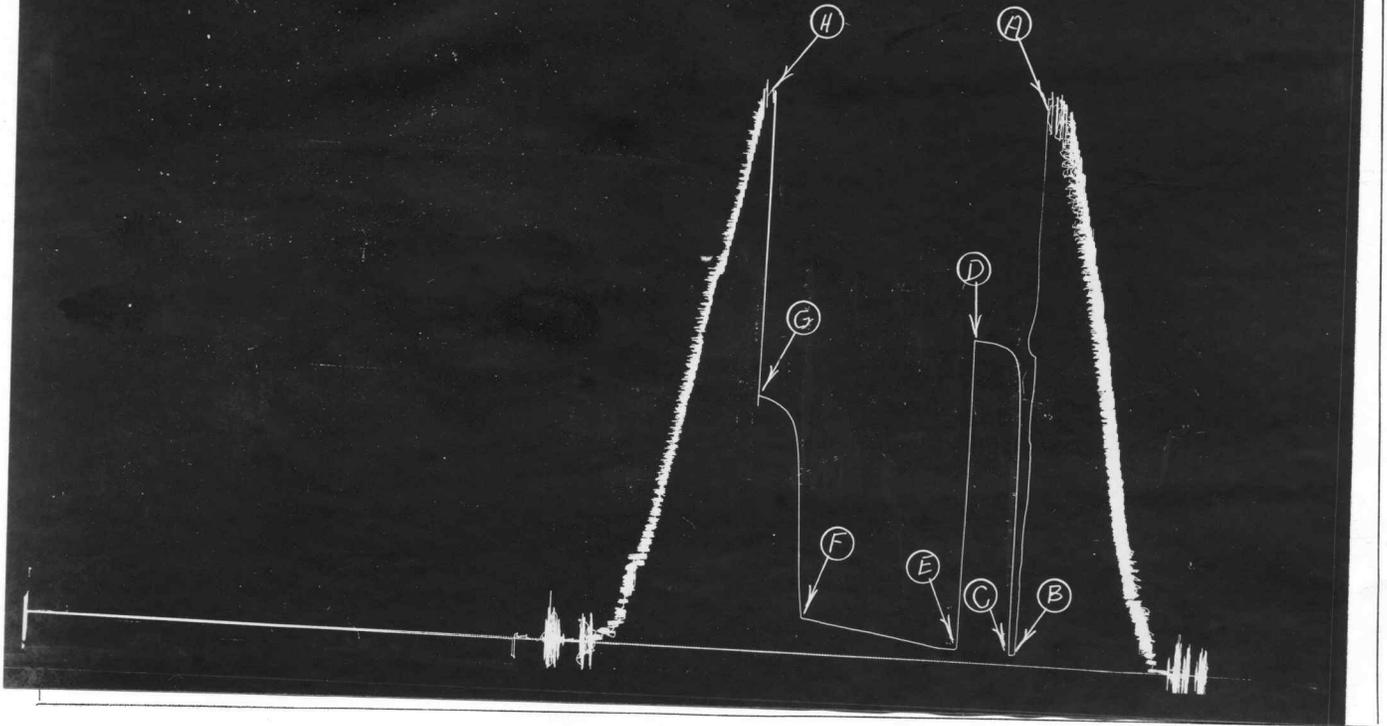
### PRESSURE BREAKDOWN

<b>First Flow Press.</b> Breakdown: <u>1</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	<b>Initial Shut-In</b> Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	<b>Second Flow Pressure</b> Breakdown: <u>17</u> Inc. of <u>5</u> mins. and a final inc. of <u>3</u> Min.	<b>Final Shut-In</b> Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>2</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>41</u>	<u>0</u>	<u>41</u>	<u>0</u>	<u>54</u>	<u>0</u>	<u>149</u>
P 2	<u>41</u>	<u>3</u>	<u>633</u>	<u>5</u>	<u>55</u>	<u>3</u>	<u>343</u>
P 3		<u>6</u>	<u>1253</u>	<u>10</u>	<u>56</u>	<u>6</u>	<u>631</u>
P 4		<u>9</u>	<u>1335</u>	<u>15</u>	<u>60</u>	<u>9</u>	<u>896</u>
P 5		<u>12</u>	<u>1359</u>	<u>20</u>	<u>66</u>	<u>12</u>	<u>993</u>
P 6		<u>15</u>	<u>1368</u>	<u>25</u>	<u>75</u>	<u>15</u>	<u>1030</u>
P 7		<u>18</u>	<u>1374</u>	<u>30</u>	<u>82</u>	<u>18</u>	<u>1055</u>
P 8		<u>21</u>	<u>1379</u>	<u>35</u>	<u>88</u>	<u>21</u>	<u>1070</u>
P 9		<u>24</u>	<u>1381</u>	<u>40</u>	<u>95</u>	<u>24</u>	<u>1081</u>
P10		<u>27</u>	<u>1383</u>	<u>45</u>	<u>101</u>	<u>27</u>	<u>1088</u>
P11		<u>30</u>	<u>1385</u>	<u>50</u>	<u>108</u>	<u>30</u>	<u>1092</u>
P12				<u>55</u>	<u>114</u>	<u>32</u>	<u>1098</u>
P13				<u>60</u>	<u>118</u>		
P14				<u>65</u>	<u>125</u>		
P15				<u>70</u>	<u>127</u>		
P16				<u>75</u>	<u>133</u>		
P17				<u>80</u>	<u>142</u>		
P18				<u>85</u>	<u>146</u>		
P19				<u>88</u>	<u>149</u>		
P20							

Pickrell Drilling Co.  
Beltz #1

Test # 1  
TKT#5468



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud .....	2405	PSI
(B) First Initial Flow Pressure .....	41	PSI
(C) First Final Flow Pressure .....	41	PSI
(D) Initial Closed-in Pressure .....	1385	PSI
(E) Second Initial Flow Pressure .....	54	PSI
(F) Second Final Flow Pressure .....	119	PSI
(G) Final Closed-in Pressure .....	1098	PSI
(H) Final Hydrostatic Mud .....	2392	PSI