



Home Office: Great Bend, Kansas

P. O. Box 793 Gladstone 3-7903

Company Pickrell Drilling Company Lease & Well No. Thomas #1
Elevation 1796' D.F. Ticket Number 4829
Date 10-2-63 Sec. 2 Twp. 28S Range 12W County Pratt State Kansas
Test Approved by George E. Link Western Representative Guy M. Kripe

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 3920' to 3935' Total Depth 3935'
Size Main Hole 7 7/8" Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged Yes ☐ No ☐
Packer Depth 3920 Ft. Size 6 3/4" Packer Depth ☐ Ft. Size ☐
Straddle ☐ Yes ☐ No ☒ Conv. ☐ B.T. ☐ Damaged Yes ☐ No ☐
Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 15 Ft. Size 5 1/2" OD

RECORDERS Depth 3926 Ft. Clock No. 6859 Depth 3930 Ft. Clock No. 3
Top Make Amerada Cap. 4200# No. 1559 Inside ☐ Outside ☐ Bottom Make Western Cap. 4000# No. 3 Inside ☐ Outside ☐
Below Straddle: Depth ☐ Clock No. ☐ Inside ☐ Outside ☐ Depth ☐ Ft. Clock No. ☐ Inside ☐ Outside ☐
Top Make ☐ Cap. ☐ No. ☐ Inside ☐ Outside ☐ Bottom Make ☐ Cap. ☐ No. ☐ Inside ☐ Outside ☐

Time Set Packer 12:20 P M
Tool Open I.F.P. From 12:21P M to 12:26P M - Hr. 5 Min. From (B) 27 P.S.I. To (C) 22 P.S.I.
Tool Closed I.C.I.P. From 12:26P M. to 12:56P M. - Hr. 30 Min. (D) 173 P.S.I.
Tool Open F.F.P. From 12:56P M. to 1:56P M. 6 Hr. 1 Min. From (E) 29 P.S.I. To (F) 29 P.S.I.
Tool Closed F.C.I.P. From 1:56P M. to 2:26P M. - Hr. 30 Min. (G) 108 P.S.I.
Initial Hydrostatic Pressure (A) 2134 P.S.I. Final Hydrostatic Pressure (H) 2130 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 throughout flow period Bottom Choke Size 3/4 in.
Did Well Flow Yes ☒ No ☐ Recovery Total Ft. 310' Gas in pipe - 20' Gas out watery mud with spots of oil

Reversed Out Yes ☒ No ☐ Mud Type Starch Viscosity 39 Weight 10.0 Maximum Temp. 122 °F
EXTRA EQUIPMENT: Dual Packers ☐ Safety Joint ☐ Jars: Size ☐ Make ☐ Ser. No. ☐
Type Circ. Sub. Plug Did Tool Plug? ☐ Where? ☐ Did Packer Hold? ☒
Length Drill Pipe 2940 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 915 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ☐ ft.
I. D. Drill Collars ☐ in. Length D. S. T. Tool 30 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

Date 10-2-63 Test Ticket No. 4829
Recorder No. 1559 Capacity 4200# Location 3926 Ft.
Clock No. 6859 Elevation 1796' D.F. Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2134</u>	P.S.I.	<u>12:20 P</u>	<u>12:20 PM</u>
B First Initial Flow Pressure	<u>27</u>	P.S.I.	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>22</u>	P.S.I.	<u>30</u> Mins.	<u>28</u> Mins.
D Initial Closed-in Pressure	<u>173</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>24</u>	P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
F Second Final Flow Pressure	<u>24</u>	P.S.I.		
G Final Closed-in Pressure	<u>108</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2130</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Press. Breakdown: 1 Inc. of 5 mins. and a final inc. of - Min.
Initial Shut-In Breakdown: 9 Inc. of 3 mins. and a final inc. of 1 Min.
Second Flow Pressure Breakdown: 12 Inc. of 5 mins. and a final inc. of - Min.
Final Shut-In Breakdown: 9 Inc. of 3 mins. and a final inc. of - Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>27</u>	<u>0</u>	<u>22</u>	<u>0</u>	<u>29</u>	<u>0</u>	<u>29</u>
P 2 <u>5</u>	<u>22</u>	<u>3</u>	<u>33</u>	<u>5</u>	<u>29</u>	<u>3</u>	<u>37</u>
P 3		<u>6</u>	<u>43</u>	<u>10</u>	<u>29</u>	<u>6</u>	<u>43</u>
P 4		<u>9</u>	<u>50</u>	<u>15</u>	<u>29</u>	<u>9</u>	<u>54</u>
P 5		<u>12</u>	<u>60</u>	<u>20</u>	<u>29</u>	<u>12</u>	<u>62</u>
P 6		<u>15</u>	<u>79</u>	<u>25</u>	<u>29</u>	<u>15</u>	<u>68</u>
P 7		<u>18</u>	<u>96</u>	<u>30</u>	<u>29</u>	<u>18</u>	<u>75</u>
P 8		<u>21</u>	<u>114</u>	<u>35</u>	<u>29</u>	<u>21</u>	<u>80</u>
P 9		<u>24</u>	<u>137</u>	<u>40</u>	<u>29</u>	<u>24</u>	<u>89</u>
P10		<u>27</u>	<u>160</u>	<u>45</u>	<u>29</u>	<u>27</u>	<u>108</u>
P11		<u>28</u>	<u>173</u>	<u>50</u>	<u>29</u>		
P12				<u>55</u>	<u>29</u>		
P13				<u>60</u>	<u>29</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							



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

Company Pickrell Drilling Company Lease & Well No. Thomas #1
Elevation 1796' D.F. Ticket Number 3013
Date 10-4-63 Sec. 2 Twp. 28 Range 12 County Pratt State Kansas
Test Approved by George B. Link Western Representative George Tew

Formation Test No. 2 O.K. ☒ Misrun ☐ Interval Tested From 4107' to 4135' Total Depth 4135'
Size Main Hole 7 7/8" Rat Hole None Conv. ☐ B.T. ☒ Damaged Yes ☐ No ☐ Conv. ☐ B.T. ☐ Damaged Yes ☐ No ☐
Packer Depth 4107 Ft. Size 6 3/4" Packer Depth 4107 Ft. Size 6 3/4"
Straddle Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged Yes ☐ No ☐
Packer Depth 4107 Ft. Size 6 3/4"
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" PH Anchor Length 28 Ft. Size 5 1/2" OD

RECORDERS Depth 4126 Ft. Clock No. 6806 Depth 4129 Ft. Clock No. 4
Top Make Amerada Cap. 4200# No. 1558 Inside ☐ Outside ☐ Bottom Make Western Cap. 4000# No. 4 Inside ☐ Outside ☐
Below Straddle: Depth 4126 Clock No. 6806 Inside ☐ Outside ☐ Depth 4129 Ft. Clock No. 4 Inside ☐ Outside ☐
Top Make Amerada Cap. 4200# No. 1558 Inside ☐ Outside ☐ Bottom Make Western Cap. 4000# No. 4 Inside ☐ Outside ☐

Time Set Packer 5:56 P M
Tool Open I.F.P. From 5:58P M to 6:00P M - Hr. 2 Min. From (B) 54 P.S.I. To (C) 48 P.S.I.
Tool Closed I.C.I.P. From 6:00P M. to 6:30P M. - Hr. 30 Min. (D) 533 P.S.I.
Tool Open F.F.P. From 6:30P M. to 8:00P M. - Hr. 1 Min. From (E) 42 P.S.I. To (F) 42 P.S.I.
Tool Closed F.C.I.P. From 8:00P M. to 8:30P M. - Hr. 30 Min. (G) 866 P.S.I.
Initial Hydrostatic Pressure (A) 2266 P.S.I. Final Hydrostatic Pressure (H) 2251 P.S.I.

SURFACE Size Choke 1/2 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION Good throughout test M. 3/4

BLOW Good throughout test Bottom Choke Size 3/4 in.
Did Well Flow Yes ☒ No ☐ Recovery Total Ft. 20' SLT. G. C. Mud

Reversed Out Yes ☒ No ☐ Mud Type Starch Viscosity 43 Weight 10. Maximum Temp. 125 °F
EXTRA EQUIPMENT: Dual Packers ☐ Safety Joint ☐ Jars: Size No Make No Ser. No. Yes
Type Circ. Sub. Plug Did Tool Plug? ☐ Where? No Did Packer Hold? ☒
Length Drill Pipe 3222 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 870 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars 43 ft.
I. D. Drill Collars 43 in. Length D. S. T. Tool 43 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

Date 10-4-63 Test Ticket No. 3013
Recorder No. 1558 Capacity 4200 Location 4126 Ft.
Clock No. 6806 Elevation 1796' D.F. Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2266</u>	P.S.I.	<u>5:56 P</u>	<u>5:56 PM</u>
B First Initial Flow Pressure	<u>54</u>	P.S.I.	<u>2</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>48</u>	P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>533</u>	P.S.I.	<u>90</u> Mins.	<u>87</u> Mins.
E Second Initial Flow Pressure	<u>42</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>42</u>	P.S.I.		
G Final Closed-in Pressure	<u>866</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2251</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Press. Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u>-</u> Min.	Initial Shut-In Breakdown: <u>9</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.	Second Flow Pressure Breakdown: <u>17</u> Inc. of <u>5</u> mins. and a final inc. of <u>2</u> Min.	Final Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>54</u>	<u>0</u>	<u>48</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>42</u>
P 2 <u>5</u>	<u>48</u>	<u>3</u>	<u>86</u>	<u>5</u>	<u>42</u>	<u>3</u>	<u>127</u>
P 3		<u>6</u>	<u>137</u>	<u>10</u>	<u>42</u>	<u>6</u>	<u>210</u>
P 4		<u>9</u>	<u>179</u>	<u>15</u>	<u>42</u>	<u>9</u>	<u>301</u>
P 5		<u>10</u>	<u>221</u>	<u>20</u>	<u>42</u>	<u>12</u>	<u>392</u>
P 6		<u>12</u>	<u>267</u>	<u>25</u>	<u>42</u>	<u>15</u>	<u>472</u>
P 7		<u>15</u>	<u>314</u>	<u>30</u>	<u>42</u>	<u>18</u>	<u>558</u>
P 8		<u>18</u>	<u>362</u>	<u>35</u>	<u>42</u>	<u>21</u>	<u>641</u>
P 9		<u>21</u>	<u>413</u>	<u>40</u>	<u>42</u>	<u>24</u>	<u>718</u>
P10		<u>24</u>	<u>466</u>	<u>45</u>	<u>42</u>	<u>27</u>	<u>789</u>
P11		<u>27</u>	<u>533</u>	<u>50</u>	<u>42</u>	<u>30</u>	<u>866</u>
P12				<u>55</u>	<u>42</u>		
P13				<u>60</u>	<u>42</u>		
P14				<u>65</u>	<u>42</u>		
P15				<u>70</u>	<u>42</u>		
P16				<u>75</u>	<u>42</u>		
P17				<u>80</u>	<u>42</u>		
P18				<u>85</u>	<u>42</u>		
P19				<u>87</u>	<u>42</u>		
P20							

Home Office: Great Bend, Kansas
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Company Hickrell Drilling Company Lease & Well No. Thomas #1
Elevation 1796' D.F. Ticket Number 4831
Date 10-7-63 Sec. 2 Twp. 28S Range 12W County Pratt State Kansas
Test Approved by George E. Link Western Representative Guy M. Knipe

Formation Test No. 3 O.K. ☒ Misrun _____ Interval Tested From 4308' to 4350' Total Depth 4350'

Size Main Hole 7 7/8" Rat Hole _____ Conv. ☒ B.T. ☒ Damaged ☒ Yes _____ No _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No _____

Packer Depth 4305 Ft. Size 6 3/4" Packer Depth 4308 Ft. Size 6 3/4"

Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No _____

Packer Depth _____ Ft. Size _____

Tool Size 5 1/2" OD Tool Jt. Size 42" FH Anchor Length 42 Ft. Size 5 1/2" OD

RECORDERS	Depth	<u>4342</u>	Ft.	Clock No.	<u>6899</u>		Depth	<u>4345</u>	Ft.	Clock No.	<u>59</u>			
	Top Make	<u>Amerada</u>	Cap.	<u>4200#</u>	No.	<u>1559</u>	Inside	Bottom Make	<u>Western</u>	Cap.	<u>4000#</u>	No.	<u>59</u>	Inside
							Outside						Outside	
Below Straddle:	Depth		Clock No.		Inside		Depth		Ft.	Clock No.		Inside		
					Outside							Outside		
	Top Make		Cap.		Inside							Inside		
					Outside		Bottom Make		Cap.		No.		Outside	

Time Set Packer													
Tool Open	I.F.P. From	1:26 P	M	to	1:28 P	M	-	5	Min. From (B)	62	P.S.I. To (C)	54	P.S.I.
Tool Closed	I.C.I.P. From	1:33 P	M.	to	2:03 P	M.	-	30	Min. (D)	101		P.S.I.	
Tool Open	F.F.P. From	2:03 P	M.	to	3:33 P	M.	1	30	Min. From (E)	54	P.S.I. To (F)	54	P.S.I.
Tool Closed	F.C.I.P. From	3:33 P	M.	to	4:03 P	M.	-	30	Min. (G)	82		P.S.I.	
Initial Hydrostatic Pressure (A)		2388		P.S.I.		Final Hydrostatic Pressure (H)		2377		P.S.I.			

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

BLOW Fair to weak throughout flow period M.
 Did Well Flow Yes X No Recovery Total Ft. 340' Gas in pipe - 30' Gas cut mud Bottom Choke Size 3/4 in.

Reversed Out _____ Yes X No Mud Type Starch Viscosity 45 Weight 10.2 Maximum Temp. 134 °F
EXTRA EQUIPMENT: Dual Packers Yes 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 3313 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 915 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D. S. T. Tool 62 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

Date 10-7-63 Test Ticket No. 4831
Recorder No. 1559 Capacity 4200# Location 4342 Ft.
Clock No. 6859 Elevation 1796' D.P. Well Temperature 134 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2388</u>	P.S.I.	<u>1:26 P</u>	<u>1:26 PM</u>
B First Initial Flow Pressure	<u>62</u>	P.S.I.	<u>5</u>	<u>5</u>
C First Final Flow Pressure	<u>54</u>	P.S.I.	<u>30</u>	<u>28</u>
D Initial Closed-in Pressure	<u>101</u>	P.S.I.	<u>90</u>	<u>91</u>
E Second Initial Flow Pressure	<u>54</u>	P.S.I.	<u>30</u>	<u>30</u>
F Second Final Flow Pressure	<u>54</u>	P.S.I.		
G Final Closed-in Pressure	<u>82</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2377</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Press. Breakdown: 1 Inc. of 5 mins. and a final inc. of - Min.
Initial Shut-In Breakdown: 9 Inc. of 3 mins. and a final inc. of 1 Min.
Second Flow Pressure Breakdown: 18 Inc. of 5 mins. and a final inc. of 1 Min.
Final Shut-In Breakdown: 10 Inc. of 3 mins. and a final inc. of - Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>62</u>	<u>0</u>	<u>54</u>	<u>0</u>	<u>54</u>	<u>0</u>	<u>54</u>
P 2 <u>5</u>	<u>54</u>	<u>3</u>	<u>58</u>	<u>5</u>	<u>54</u>	<u>3</u>	<u>58</u>
P 3		<u>6</u>	<u>66</u>	<u>10</u>	<u>54</u>	<u>6</u>	<u>60</u>
P 4		<u>9</u>	<u>79</u>	<u>15</u>	<u>54</u>	<u>9</u>	<u>64</u>
P 5		<u>12</u>	<u>87</u>	<u>20</u>	<u>54</u>	<u>12</u>	<u>66</u>
P 6		<u>15</u>	<u>94</u>	<u>25</u>	<u>54</u>	<u>15</u>	<u>69</u>
P 7		<u>18</u>	<u>98</u>	<u>30</u>	<u>54</u>	<u>18</u>	<u>72</u>
P 8		<u>21</u>	<u>100</u>	<u>35</u>	<u>54</u>	<u>21</u>	<u>75</u>
P 9		<u>24</u>	<u>100</u>	<u>40</u>	<u>54</u>	<u>24</u>	<u>77</u>
P10		<u>27</u>	<u>101</u>	<u>45</u>	<u>54</u>	<u>27</u>	<u>80</u>
P11		<u>28</u>	<u>101</u>	<u>50</u>	<u>54</u>	<u>30</u>	<u>82</u>
P12				<u>55</u>	<u>54</u>		
P13				<u>60</u>	<u>54</u>		
P14				<u>65</u>	<u>54</u>		
P15				<u>70</u>	<u>54</u>		
P16				<u>75</u>	<u>54</u>		
P17				<u>80</u>	<u>54</u>		
P18				<u>85</u>	<u>54</u>		
P19				<u>90</u>	<u>54</u>		
P20				<u>91</u>	<u>54</u>		



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

Company Hickrell Drilling Company Lease & Well No. Thomas #1
Elevation 1796' D.F. Ticket Number 4832
Date 10-8-63 Sec. 2 Twp. 28 Range 12 County Pratt State Kansas
Test Approved by George E. Link Western Representative George Tew

Formation Test No. 4 O.K. ☒ Misrun ☐ Interval Tested From 4384' to 4410' Total Depth 4410'
Size Main Hole 7 7/8" Rat Hole None Conv. ☒ B.T. ☒ Damaged ☒ Yes ☒ No Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No
Packer Depth 4384 Ft. Size 6 3/4" Packer Depth Ft. Size
Straddle ☐ Yes ☒ No ☒ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No
Packer Depth Ft. Size
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 26 Ft. Size 5 1/2" OD

RECORDERS Depth 4403 Ft. Clock No. 6859 Depth 4406 Ft. Clock No. 59
Top Make Amerada Cap. 4200# No. 1559 Inside Outside Bottom Make Western Cap. 4000# No. 59 Inside Outside
Below Straddle: Depth Clock No. Inside Outside Depth Ft. Clock No. Inside Outside
Top Make Cap. No. Inside Outside Bottom Make Cap. No. Inside Outside

Time Set Packer 6:47P M
Tool Open I.F.P. From 6:50P M to 6:55P M - Hr. 5 Min. From (B) 121 P.S.I. To (C) 259 P.S.I.
Tool Closed I.C.I.P. From 6:55P M. to 7:25P M. - Hr. 30 Min. (D) 859 P.S.I.
Tool Open F.F.P. From 7:25P M. to 9:25P M. 2 Hr. - Min. From (E) 315 P.S.I. To (F) 782 P.S.I.
Tool Closed F.C.I.P. From 9:25P M. to 9:55P M. - Hr. 30 Min. (G) 859 P.S.I.
Initial Hydrostatic Pressure (A) 2407 P.S.I. Final Hydrostatic Pressure (H) 2402 P.S.I.

SURFACE Size Choke 1/2 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION M.
 M.
 M.

BLOW Good-diminishing slightly at end of test Bottom Choke Size 3/4 in.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 1620' Muddy salt water

Reversed Out ☒ Yes ☐ No Mud Type Starch Viscosity 45 Weight 10.2 Maximum Temp. 120 °F
EXTRA EQUIPMENT: Dual Packers ☐ Safety Joint ☐ Jars: Size No Make Ser. No.
Type Circ. Sub. Plug Did Tool Plug? ☐ Where? Did Packer Hold? ☒ Yes
Length Drill Pipe 3424 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 915 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.
I. D. Drill Collars in. Length D. S. T. Tool 41 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

Date 10-8-63 Test Ticket No. 4832
 Recorder No. 1559 Capacity 4200 Location 4403 Ft.
 Clock No. 6859 Elevation 1796' D.P. Well Temperature 140 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2407</u>	P.S.I.	<u>6:47 P</u>	<u>6:47 P</u>
B First Initial Flow Pressure	<u>121</u>	P.S.I.	<u>5</u>	<u>7</u>
C First Final Flow Pressure	<u>259</u>	P.S.I.	<u>30</u>	<u>31</u>
D Initial Closed-in Pressure	<u>859</u>	P.S.I.	<u>120</u>	<u>115</u>
E Second Initial Flow Pressure	<u>315</u>	P.S.I.	<u>30</u>	<u>31</u>
F Second Final Flow Pressure	<u>782</u>	P.S.I.		
G Final Closed-in Pressure	<u>859</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2402</u>	P.S.I.		

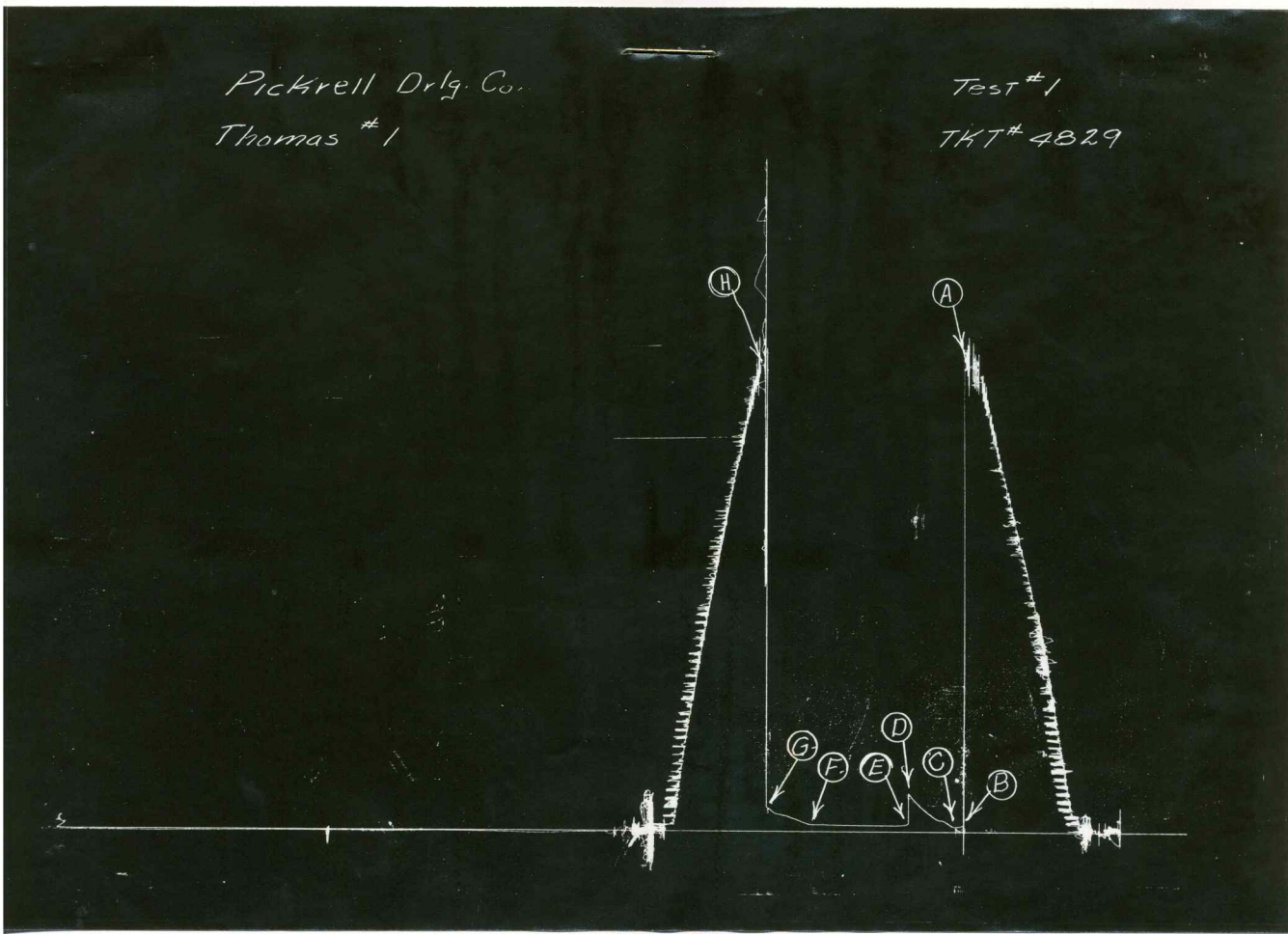
PRESSURE BREAKDOWN

First Flow Press. Breakdown: 1 Inc. of 5 mins. and a final inc. of 2 Min.
Initial Shut-In Breakdown: 10 Inc. of 3 mins. and a final inc. of 1 Min.
Second Flow Pressure Breakdown: 23 Inc. of 5 mins. and a final inc. of - Min.
Final Shut-In Breakdown: 10 Inc. of 3 mins. and a final inc. of 1 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>121</u>	<u>0</u>	<u>259</u>	<u>0</u>	<u>315</u>	<u>0</u>	<u>782</u>
P 2 <u>5</u>	<u>221</u>	<u>3</u>	<u>728</u>	<u>5</u>	<u>392</u>	<u>3</u>	<u>822</u>
P 3 <u>7</u>	<u>259</u>	<u>6</u>	<u>776</u>	<u>10</u>	<u>472</u>	<u>6</u>	<u>834</u>
P 4		<u>9</u>	<u>803</u>	<u>15</u>	<u>497</u>	<u>9</u>	<u>841</u>
P 5		<u>12</u>	<u>818</u>	<u>20</u>	<u>522</u>	<u>12</u>	<u>845</u>
P 6		<u>15</u>	<u>830</u>	<u>25</u>	<u>549</u>	<u>15</u>	<u>849</u>
P 7		<u>18</u>	<u>839</u>	<u>30</u>	<u>570</u>	<u>18</u>	<u>853</u>
P 8		<u>21</u>	<u>843</u>	<u>35</u>	<u>593</u>	<u>21</u>	<u>855</u>
P 9		<u>24</u>	<u>849</u>	<u>40</u>	<u>616</u>	<u>24</u>	<u>857</u>
P10		<u>27</u>	<u>853</u>	<u>45</u>	<u>633</u>	<u>27</u>	<u>859</u>
P11		<u>30</u>	<u>859</u>	<u>50</u>	<u>647</u>	<u>30</u>	<u>859</u>
P12		<u>31</u>	<u>859</u>	<u>55</u>	<u>662</u>	<u>31</u>	<u>859</u>
P13				<u>60</u>	<u>674</u>		
P14				<u>65</u>	<u>687</u>		
P15				<u>70</u>	<u>699</u>		
P16				<u>75</u>	<u>712</u>		
P17				<u>80</u>	<u>722</u>		
P18				<u>85</u>	<u>730</u>		
P19				<u>90</u>	<u>739</u>		
P20				<u>95</u>	<u>753</u>		
				<u>100</u>	<u>766</u>		
				<u>105</u>	<u>774</u>		
				<u>110</u>	<u>778</u>		
				<u>115</u>	<u>782</u>		

Pickrell Drlg. Co.
Thomas #1

Test #1
TKT# 4829



This is an actual photograph of recorder chart.

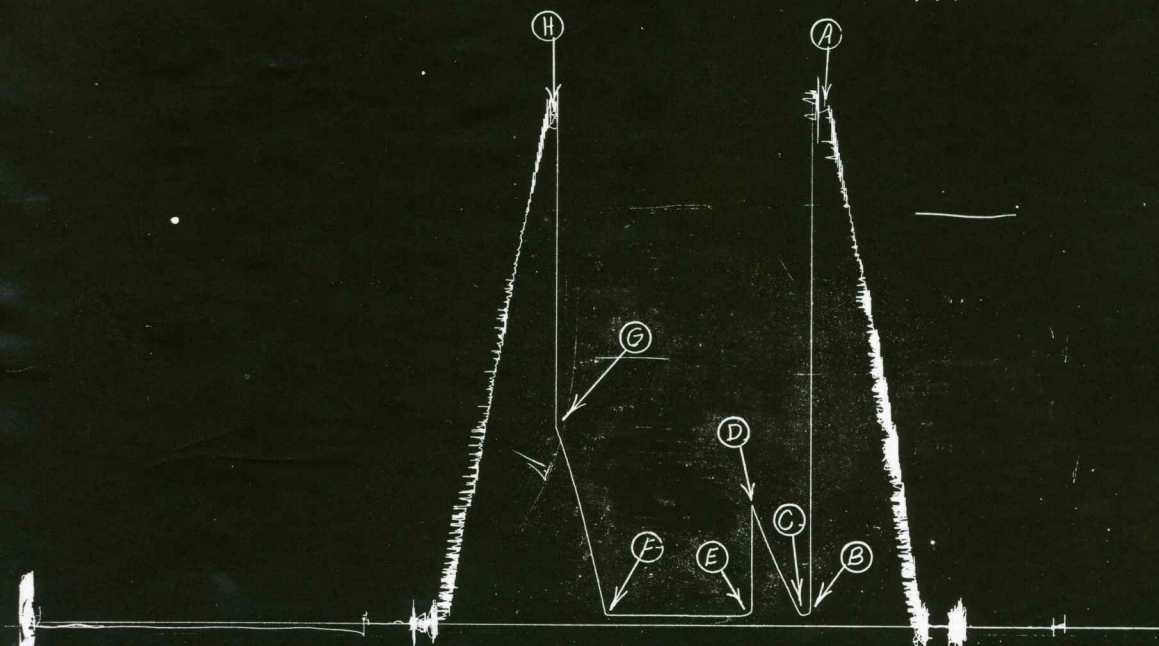
POINT

PRESSURE

(A)	Initial Hydrostatic Mud	2134	PSI
(B)	First Initial Flow Pressure	27	PSI
(C)	First Final Flow Pressure	22	PSI
(D)	Initial Closed-in Pressure	173	PSI
(E)	Second Initial Flow Pressure	29	PSI
(F)	Second Final Flow Pressure	29	PSI
(G)	Final Closed-in Pressure	108	PSI
(H)	Final Hydrostatic Mud	2130	PSI

Pickrell Drlg. Co.
Thomas #1

Test #2
TKT#3013



This is an actual photograph of recorder chart.

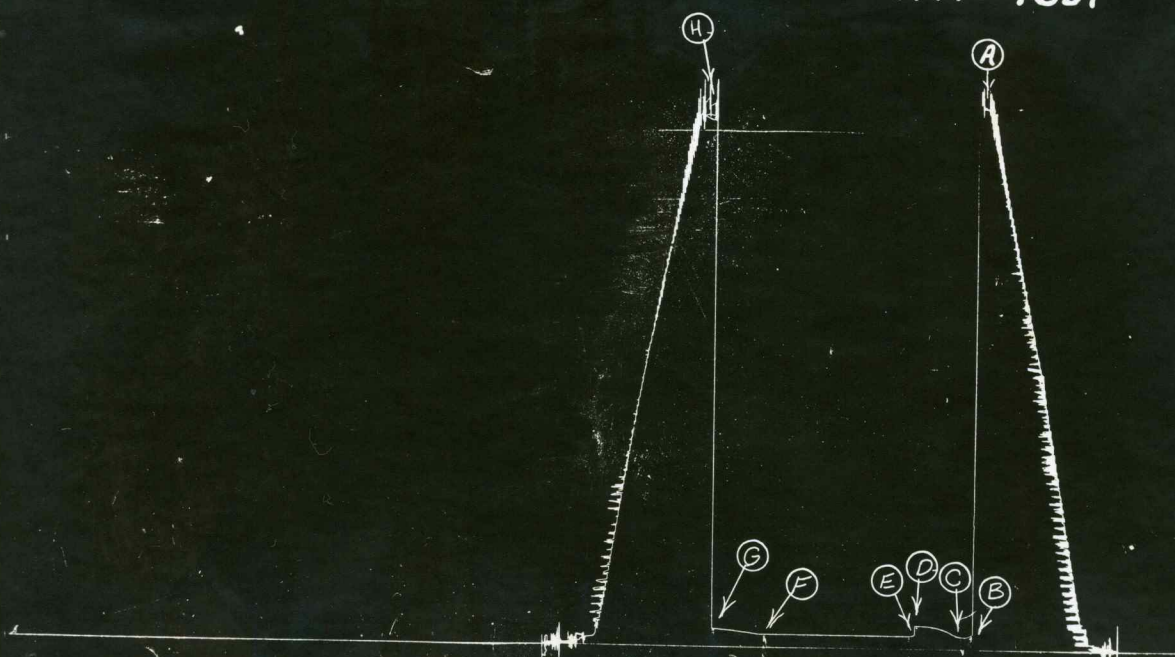
POINT

PRESSURE

(A)	Initial Hydrostatic Mud	2266	PSI
(B)	First Initial Flow Pressure	54	PSI
(C)	First Final Flow Pressure	48	PSI
(D)	Initial Closed-in Pressure	533	PSI
(E)	Second Initial Flow Pressure	42	PSI
(F)	Second Final Flow Pressure	42	PSI
(G)	Final Closed-in Pressure	866	PSI
(H)	Final Hydrostatic Mud	2251	PSI

Pickrell Drlg. Co.
Thomas #1

Test #3
TKT # 4831



This is an actual photograph of recorder chart.

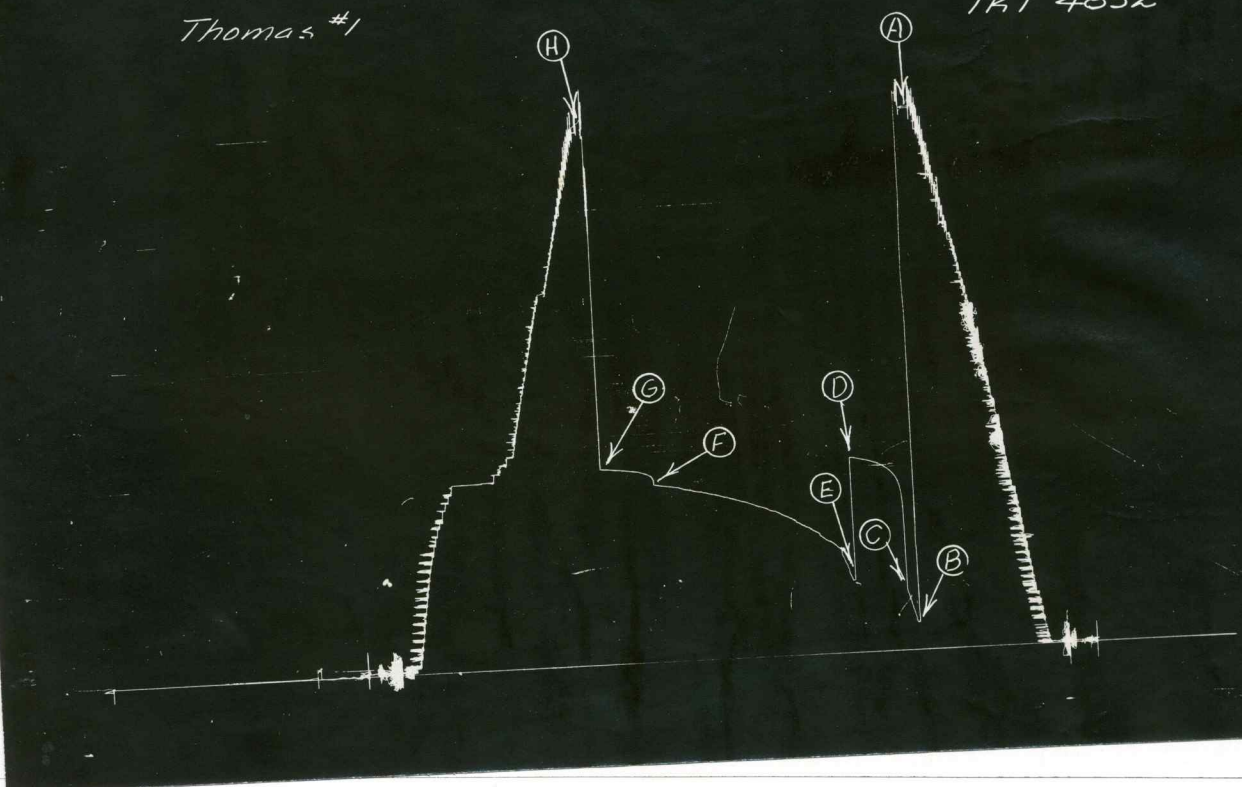
POINT

PRESSURE

(A)	Initial Hydrostatic Mud	2388	PSI
(B)	First Initial Flow Pressure	62	PSI
(C)	First Final Flow Pressure	54	PSI
(D)	Initial Closed-in Pressure	101	PSI
(E)	Second Initial Flow Pressure	54	PSI
(F)	Second Final Flow Pressure	54	PSI
(G)	Final Closed-in Pressure	82	PSI
(H)	Final Hydrostatic Mud	2377	PSI

Pickrell Drilling Co.
Thomas #1

Test # 4
TKT # 4832



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A) Initial Hydrostatic Mud	2407	PSI
(B) First Initial Flow Pressure	121	PSI
(C) First Final Flow Pressure	259	PSI
(D) Initial Closed-in Pressure	859	PSI
(E) Second Initial Flow Pressure	315	PSI
(F) Second Final Flow Pressure	782	PSI
(G) Final Closed-in Pressure	859	PSI
(H) Final Hydrostatic Mud	2402	PSI