



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

Company Pickrell Drilling Company Lease & Well No. Pruitt #2
Elevation 1501' D.F. Ticket Number 4973
Date 11-10-63 Sec. _____ Twp. _____ Range _____ County Kingman State Kansas
Test Approved by Dan Bowles Western Representative Ray H. Roadenbaugh

Formation Test No. 1 O.K. ☒ Misrun _____ Interval Tested From 3545' to 3565' Total Depth 3565'
Size Main Hole 7 7/8" Rat Hole _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No _____
Packer Depth 3545 Ft. Size 6 3/4" Packer Depth 3540 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 4 1/2" FH Anchor Length 30 Ft. Size 5 1/2" OD

RECORDERS	Depth <u>3557</u> Ft.	Clock No. <u>6897</u>	Depth <u>3560</u> Ft.	Clock No. <u>29</u>
	Top Make <u>Amerada</u> Cap. <u>3150#</u> No. <u>1565</u>	Inside ☒ Outside ☒	Bottom Make <u>Western</u> Cap. <u>3000#</u> No. <u>29</u>	Inside ☒ Outside ☒
Below Straddle: Depth _____	Clock No. _____	Inside ☐ Outside ☐	Depth _____	Clock No. _____
Top Make _____	Cap. _____	No. _____	Bottom Make _____	Cap. _____

Time Set Packer 10:11A M
Tool Open I.F.P. From 10:12A M to 10:14A M - Hr. 2 Min. From (B) 47 P.S.I. To (C) 60 P.S.I.
Tool Closed I.C.I.P. From 10:14A M. to 10:44A M. - Hr. 30 Min. (D) 1520 P.S.I.
Tool Open F.F.P. From 10:44A M. to 11:44A M. 1 Hr. - Min. From (E) 61 P.S.I. To (F) 139 P.S.I.
Tool Closed F.C.I.P. From 11:44A M. to 12:14P M. - Hr. 30 Min. (G) 1320 P.S.I.
Initial Hydrostatic Pressure (A) 1916 P.S.I. Final Hydrostatic Pressure (H) 1906 P.S.I.

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

BLOW Strong blow throughout - 500' Gas in pipe Bottom Choke Size 3/4 in.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 330' 270' Hvy. O. & G.C.M. - 60' Gassy Muddy Oily Water
Mud _____

Reversed Out _____ Yes ☒ No _____ Mud Type Starch Viscosity 39 Weight 9.6 Maximum Temp. 118 °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 2685 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 840 ft. I.D. Weight Pipe 2.6 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D. S. T. Tool 39 ft.

Remarks _____

WESTERN TESTING CO., INC. Pressure Data

Date 11-10-63

Recorder No. 1565

Clock No. 6897

Capacity 3150#

Elevation 1501' D.F.

Test Ticket No. 4973

Location 3557 Ft.

Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1916</u>	P.S.I.	<u>10:11 A</u>	<u>10:11 AM</u>
B First Initial Flow Pressure	<u>47</u>	P.S.I.	<u>2</u> Mins.	<u>2</u> Mins.
C First Final Flow Pressure	<u>60</u>	P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>1520</u>	P.S.I.	<u>60</u> Mins.	<u>59</u> Mins.
E Second Initial Flow Pressure	<u>61</u>	P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
F Second Final Flow Pressure	<u>139</u>	P.S.I.		
G Final Closed-in Pressure	<u>1320</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1906</u>	P.S.I.		

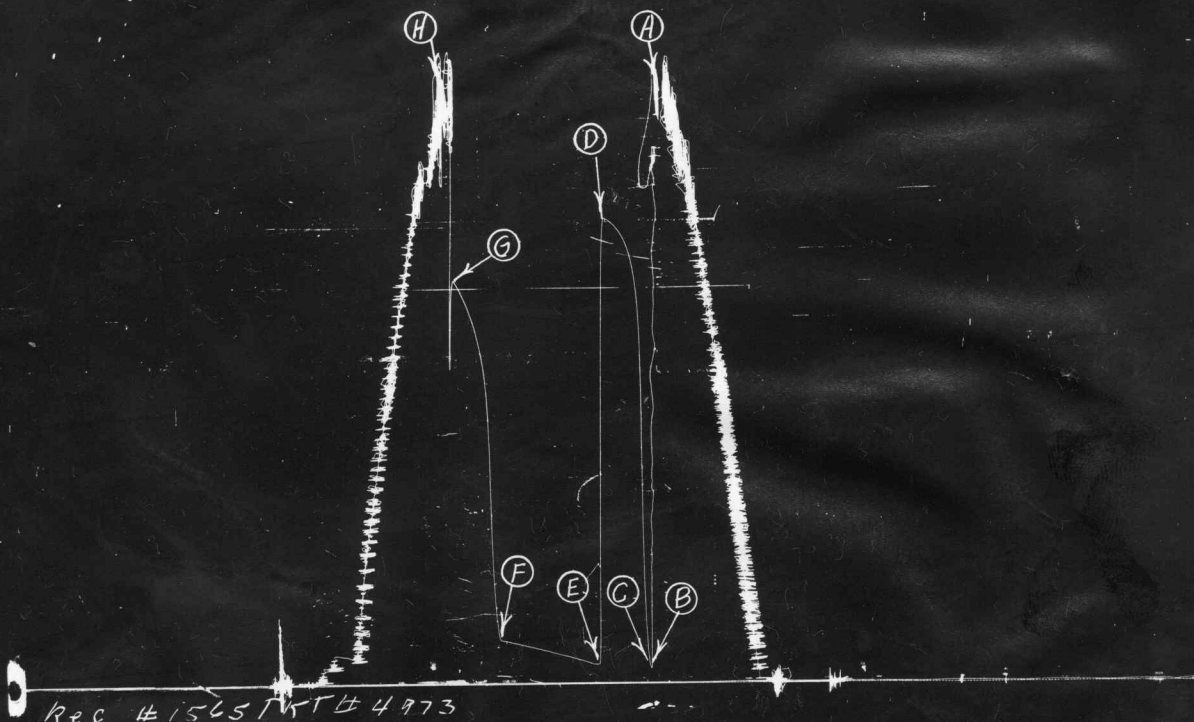
PRESSURE BREAKDOWN

First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>1</u> Inc.	Breakdown: <u>9</u> Inc.	Breakdown: <u>11</u> Inc.	Breakdown: <u>9</u> Inc.
of <u>2</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>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>4</u> Min.	final inc. of <u>-</u> Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>47</u>	<u>0</u>	<u>60</u>	<u>0</u>	<u>61</u>	<u>0</u>	<u>139</u>
P 2 <u>2</u>	<u>60</u>	<u>3</u>	<u>348</u>	<u>5</u>	<u>64</u>	<u>3</u>	<u>285</u>
P 3		<u>6</u>	<u>879</u>	<u>10</u>	<u>72</u>	<u>6</u>	<u>700</u>
P 4		<u>9</u>	<u>1306</u>	<u>15</u>	<u>81</u>	<u>9</u>	<u>979</u>
P 5		<u>12</u>	<u>1404</u>	<u>20</u>	<u>89</u>	<u>12</u>	<u>1085</u>
P 6		<u>15</u>	<u>1452</u>	<u>25</u>	<u>97</u>	<u>15</u>	<u>1158</u>
P 7		<u>18</u>	<u>1480</u>	<u>30</u>	<u>103</u>	<u>18</u>	<u>1210</u>
P 8		<u>21</u>	<u>1500</u>	<u>35</u>	<u>111</u>	<u>21</u>	<u>1253</u>
P 9		<u>24</u>	<u>1514</u>	<u>40</u>	<u>117</u>	<u>24</u>	<u>1288</u>
P10		<u>27</u>	<u>1520</u>	<u>45</u>	<u>124</u>	<u>27</u>	<u>1320</u>
P11				<u>50</u>	<u>130</u>		
P12				<u>55</u>	<u>136</u>		
P13				<u>59</u>	<u>139</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Pickrell Drilling Co.
Pruitt #2

Test # 1
TKT # 4973



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud	1916	PSI
(B)	First Initial Flow Pressure	47	PSI
(C)	First Final Flow Pressure	60	PSI
(D)	Initial Closed-in Pressure	1520	PSI
(E)	Second Initial Flow Pressure	61	PSI
(F)	Second Final Flow Pressure	139	PSI
(G)	Final Closed-in Pressure	1320	PSI
(H)	Final Hydrostatic Mud	1906	PSI



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Company Pickrell Drilling Company Lease & Well No. Pruitt #2
Elevation 1501' D.F. Ticket Number 4974
Date 11-11-63 Sec. _____ Twp. _____ Range _____ County Kingman State Kansas
Test Approved by Dan Bowles Western Representative Ray H. Roadenbaugh

Formation Test No. 2 O.K. ☒ Misrun _____ Interval Tested From 3576' to 3610' Total Depth 3610'
Size Main Hole 7 7/8" Rat Hole _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No _____
Packer Depth 3576 Ft. Size 6 3/4" Packer Depth 3571 Ft. Size 6 3/4"
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No _____
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" Tool Jt. Size 4 1/2" FH Anchor Length 34 Ft. Size 5 1/2" OD

RECORDERS	Depth <u>3602</u> Ft.	Clock No. <u>6897</u>	Depth <u>3605</u> Ft.	Clock No. <u>29</u>
	Top Make <u>Amerada</u> Cap. <u>3150#</u> No. <u>1565</u>	Inside _____ Outside _____	Bottom Make <u>Western</u> Cap. <u>3000#</u> No. <u>29</u>	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 11:00 P M
Tool Open I.F.P. From 11:03P M to 11:04P M - Hr. 1 Min. From (B) 433 P.S.I. To (C) 433 P.S.I.
Tool Closed I.C.I.P. From 11:04P M. to 11:34P M. - Hr. 30 Min. (D) 1556 P.S.I.
Tool Open F.F.P. From 11:34P M. to 12:14A M. - Hr. 40 Min. From (E) 427 P.S.I. To (F) 651 P.S.I.
Tool Closed F.C.I.P. From 12:14A M. to 12:44A M. - Hr. 30 Min. (G) 1520 P.S.I.
Initial Hydrostatic Pressure (A) 1927 P.S.I. Final Hydrostatic Pressure (H) 1922 P.S.I.

SURFACE	Size Choke <u>3/4</u> In.	Max. Press. P.S.I.	Time	Description of Flow
INFORMATION	<u>734,000</u>	<u>1# P.S.I.</u>	<u>11:39A</u> M.	<u>Gas</u>
	<u>584,000</u>	<u>17.7" Water</u>	<u>11:44P</u> M.	<u>Gas</u>
	<u>584,000</u>	<u>17.7" "</u>	<u>11:49P</u> M.	<u>Oil to surface 26 mins.</u>

BLOW Gas to surface after tool shut-in 2 mins. - Mud to surface 21 mins. Bottom Choke Size 3/4 in.
Did Well Flow ☒ Yes _____ No _____ Recovery Total Ft. Flowed 1410' Gassy Oil - 140' Gassy Salt Water

Reversed Out _____ Yes ☒ No _____ Mud Type Starch Viscosity 39 Weight 9.6 Maximum Temp. 121 °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 2715 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 840 ft. I.D. Weight Pipe 2.6 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D. S. T. Tool 54 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

Date 11-11-63 Test Ticket No. 4974
Recorder No. 1565 Capacity 3150# Location 3602 Ft.
Clock No. 6897 Elevation 1501' D.F. Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1927</u>	P.S.I.	<u>11:00 P</u>	<u>11:00 PM</u>
B First Initial Flow Pressure	<u>433</u>	P.S.I.	<u>1</u> Mins.	<u>1</u> Mins.
C First Final Flow Pressure	<u>433</u>	P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>1556</u>	P.S.I.	<u>40</u> Mins.	<u>38</u> Mins.
E Second Initial Flow Pressure	<u>427</u>	P.S.I.	<u>30</u> Mins.	<u>29</u> Mins.
F Second Final Flow Pressure	<u>651</u>	P.S.I.		
G Final Closed-in Pressure	<u>1520</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1922</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>9</u> Inc.	Breakdown: <u>7</u> Inc.	Breakdown: <u>9</u> Inc.
of <u>1</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>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>3</u> Min.	final inc. of <u>2</u> Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>433</u>	<u>0</u>	<u>433</u>	<u>0</u>	<u>427</u>	<u>0</u>	<u>651</u>
P 2 <u>1</u>	<u>433</u>	<u>3</u>	<u>1544</u>	<u>5</u>	<u>430</u>	<u>3</u>	<u>1439</u>
P 3		<u>6</u>	<u>1549</u>	<u>10</u>	<u>438</u>	<u>6</u>	<u>1476</u>
P 4		<u>9</u>	<u>1551</u>	<u>15</u>	<u>474</u>	<u>9</u>	<u>1490</u>
P 5		<u>12</u>	<u>1552</u>	<u>20</u>	<u>524</u>	<u>12</u>	<u>1496</u>
P 6		<u>15</u>	<u>1553</u>	<u>25</u>	<u>595</u>	<u>15</u>	<u>1503</u>
P 7		<u>18</u>	<u>1554</u>	<u>30</u>	<u>645</u>	<u>18</u>	<u>1509</u>
P 8		<u>21</u>	<u>1555</u>	<u>35</u>	<u>654</u>	<u>21</u>	<u>1512</u>
P 9		<u>24</u>	<u>1555</u>	<u>38</u>	<u>651</u>	<u>24</u>	<u>1517</u>
P10		<u>27</u>	<u>1556</u>			<u>27</u>	<u>1519</u>
P11						<u>29</u>	<u>1520</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Pickrell Drilg. Co.
Pruitt #2

Test # 2
TKT# 4974

REC # 156 < TKT # 4974

This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud	1927	PSI
(B)	First Initial Flow Pressure	433	PSI
(C)	First Final Flow Pressure	433	PSI
(D)	Initial Closed-in Pressure	1556	PSI
(E)	Second Initial Flow Pressure	427	PSI
(F)	Second Final Flow Pressure	651	PSI
(G)	Final Closed-in Pressure	1520	PSI
(H)	Final Hydrostatic Mud	1922	PSI



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

Company Pickrell Drilling Company Lease & Well No. Pruitt #2
Elevation 1501' D.F. Ticket Number 3210
Date 11-11-63 Sec. 34 Twp. 29S Range 6W County Kingman State Kansas
Test Approved by Dan Bowles Western Representative George Tew

Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 3656' to 3670' Total Depth 3670'
Size Main Hole 7 7/8" Rat Hole None Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐
Packer Depth 3656 Ft. Size 6 3/4" Packer Depth 3651 Ft. Size 6 3/4"
Straddle ☐ Yes ☐ No ☒ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
Packer Depth 3661 Ft. Size 5 1/2" OD
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 14 Ft. Size 5 1/2" OD

RECORDERS	Depth <u>3661</u> Ft.	Clock No. <u>6896</u>	Depth <u>3664</u> Ft.	Clock No. <u>60</u>
	Top Make <u>Amerada</u> Cap. <u>4200#</u> No. <u>1558</u>	Inside ☐ Outside ☐	Bottom Make <u>Western</u> Cap. <u>4000#</u> No. <u>60</u>	Inside ☐ Outside ☐
Below Straddle:	Depth <u> </u> Clock No. <u> </u>	Inside ☐ Outside ☐	Depth <u> </u> Ft. Clock No. <u> </u>	Inside ☐ Outside ☐
	Top Make <u> </u> Cap. <u> </u> No. <u> </u>	Inside ☐ Outside ☐	Bottom Make <u> </u> Cap. <u> </u> No. <u> </u>	Inside ☐ Outside ☐

Time Set Packer 6:05P M
Tool Open I.F.P. From 6:07P M to 6:10P M - Hr. 3 Min. From (B) 42 P.S.I. To (C) 42 P.S.I.
Tool Closed I.C.I.P. From 6:10P M. to 6:40P M. - Hr. 30 Min. (D) 1512 P.S.I.
Tool Open F.F.P. From 6:40P M. to 7:40P M. 1 Hr. - Min. From (E) 54 P.S.I. To (F) 111 P.S.I.
Tool Closed F.C.I.P. From 7:40P M. to 8:10P M. - Hr. 30 Min. (G) 1468 P.S.I.
Initial Hydrostatic Pressure (A) 1953 P.S.I. Final Hydrostatic Pressure (H) 1947 P.S.I.

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

BLOW Weak to dead in 20 mins. Bottom Choke Size 3/4 in.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 190 10' O. & G.C.M. - 180' Muddy water

Reversed Out ☒ Yes ☐ No Mud Type Starch Viscosity 42 Weight 9.9 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? ☒
Length Drill Pipe 2796 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 874 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.
I. D. Drill Collars in. Length D. S. T. Tool 34 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

Date 11-11-63

Test Ticket No. 3210

Recorder No. 1558 Capacity 4200# Location 3661 Ft.

Clock No. 6806 Elevation 1501' D.F. Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1953</u> P.S.I.	Opened Tool	<u>6:05 P</u>	<u>6:05 PM</u>
B First Initial Flow Pressure	<u>42</u> P.S.I.	First Flow Pressure	<u>3</u> Mins.	<u>3</u> Mins.
C First Final Flow Pressure	<u>42</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>1542</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>54</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>111</u> P.S.I.			
G Final Closed-in Pressure	<u>1468</u> P.S.I.			
H Final Hydrostatic Mud	<u>1947</u> P.S.I.			

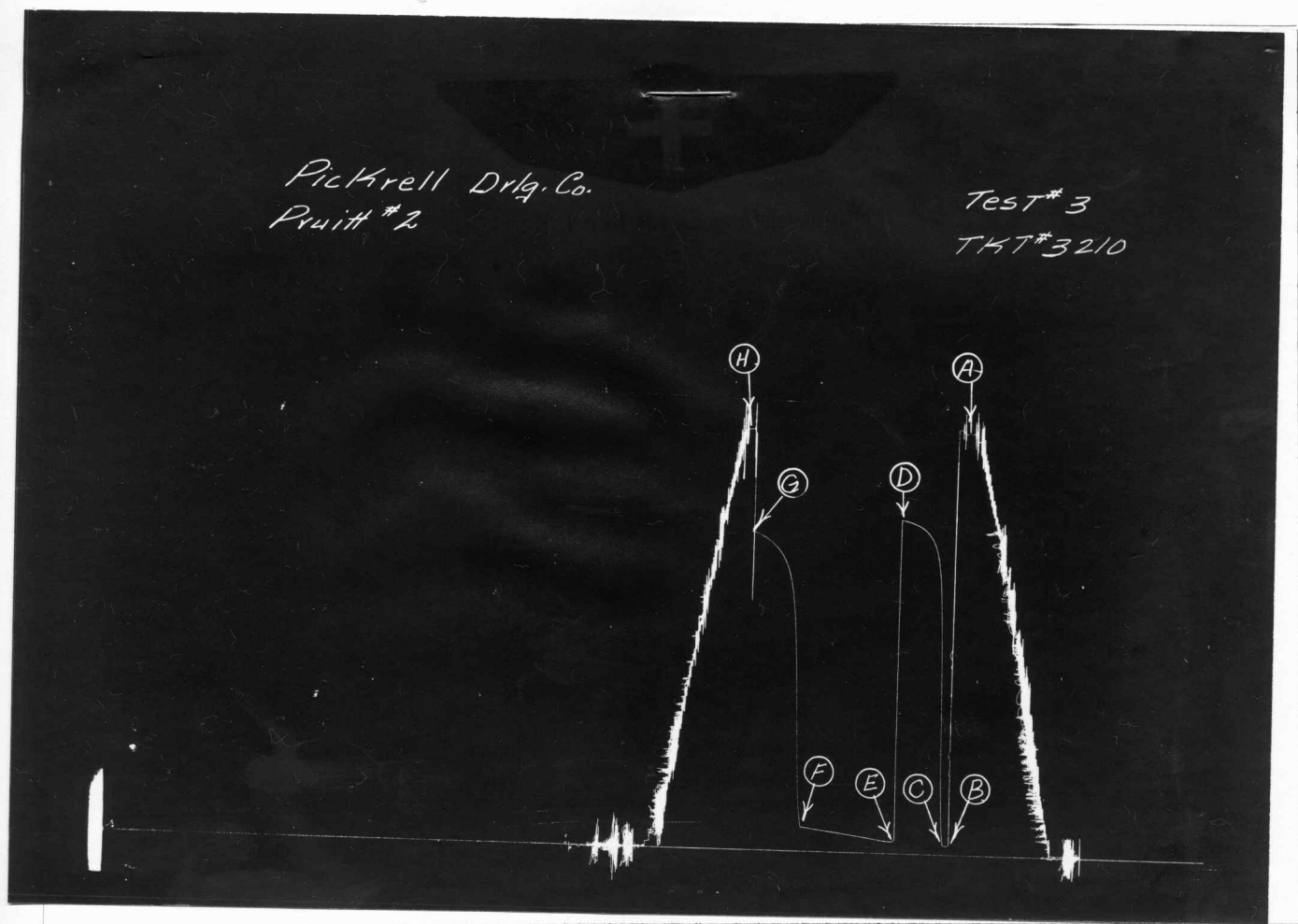
PRESSURE BREAKDOWN

First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>1</u> Inc.	Breakdown: <u>11</u> Inc.	Breakdown: <u>12</u> Inc.	Breakdown: <u>10</u> Inc.
of <u>3</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>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>-</u> Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>42</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>54</u>	<u>0</u>	<u>111</u>
P 2 <u>3</u>	<u>42</u>	<u>3</u>	<u>432</u>	<u>5</u>	<u>56</u>	<u>3</u>	<u>468</u>
P 3		<u>6</u>	<u>1093</u>	<u>10</u>	<u>61</u>	<u>6</u>	<u>962</u>
P 4		<u>9</u>	<u>1367</u>	<u>15</u>	<u>67</u>	<u>9</u>	<u>1242</u>
P 5		<u>12</u>	<u>1443</u>	<u>20</u>	<u>73</u>	<u>12</u>	<u>1344</u>
P 6		<u>15</u>	<u>1481</u>	<u>25</u>	<u>78</u>	<u>15</u>	<u>1382</u>
P 7		<u>18</u>	<u>1502</u>	<u>30</u>	<u>82</u>	<u>18</u>	<u>1407</u>
P 8		<u>21</u>	<u>1516</u>	<u>35</u>	<u>88</u>	<u>21</u>	<u>1428</u>
P 9		<u>24</u>	<u>1525</u>	<u>40</u>	<u>92</u>	<u>24</u>	<u>1445</u>
P10		<u>27</u>	<u>1533</u>	<u>45</u>	<u>96</u>	<u>27</u>	<u>1455</u>
P11		<u>30</u>	<u>1537</u>	<u>50</u>	<u>101</u>	<u>30</u>	<u>1468</u>
P12		<u>33</u>	<u>1542</u>	<u>55</u>	<u>107</u>		
P13				<u>60</u>	<u>111</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Pickrell Drilling Co.
Pruitt #2

Test # 3
TKT # 3210



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud	1953	PSI
(B)	First Initial Flow Pressure	42	PSI
(C)	First Final Flow Pressure	42	PSI
(D)	Initial Closed-in Pressure	1542	PSI
(E)	Second Initial Flow Pressure	54	PSI
(F)	Second Final Flow Pressure	111	PSI
(G)	Final Closed-in Pressure	1468	PSI
(H)	Final Hydrostatic Mud	1947	PSI



Home Office: Great Bend, Kansas

P. O. Box 793 Gladstone 3-7903

Company Pickrell Drilling Company Lease & Well No. Pruitt #2
Elevation 1501' D.F. Ticket Number 3211
Date 11-12-63 Sec. 34 Twp. 29S Range 6W County Kingman State Kansas
Test Approved by Dan Bowles Western Representative George Tew

Formation Test No. 4 O.K. ☒ Misrun ☐ Interval Tested From 3680' to 3710' Total Depth 3710'
Size Main Hole 7 7/8" Rat Hole None Conv. ☒ B.T. ☐ Damaged Yes ☒ No ☐ Conv. ☐ B.T. ☒ Damaged Yes ☒ No ☐
Packer Depth 3680 Ft. Size 6 3/4" Packer Depth 3675 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 1 1/2" FH Anchor Length 30 Ft. Size 5 1/2" OD

RECORDERS	Depth <u>3702</u> Ft.	Clock No. <u>6806</u>	Depth <u>3699</u> Ft.	Clock No. <u>60</u>
	Top Make <u>Amerada</u> Cap. <u>4200#</u> No. <u>1558</u>	Inside ☐ Outside ☒	Bottom Make <u>Western</u> Cap. <u>4000#</u> No. <u>60</u>	Inside ☐ Outside ☒
Below Straddle:	Depth <u> </u> Clock No. <u> </u>	Inside ☐ Outside ☐	Depth <u> </u> Ft. Clock No. <u> </u>	Inside ☐ Outside ☐
	Top Make <u> </u> Cap. <u> </u> No. <u> </u>	Inside ☐ Outside ☐	Bottom Make <u> </u> Cap. <u> </u> No. <u> </u>	Inside ☐ Outside ☐

Time Set Packer 8:03A M
Tool Open I.F.P. From 8:05A M to 8:07A M - Hr. 2 Min. From (B) 59 P.S.I. To (C) 59 P.S.I.
Tool Closed I.C.I.P. From 8:07A M. to 8:37A M. - Hr. 30 Min. (D) 1515 P.S.I.
Tool Open F.F.P. From 8:37A M. to 9:37A M. 1 Hr. - Min. From (E) 80 P.S.I. To (F) 149 P.S.I.
Tool Closed F.C.I.P. From 9:37A M. to 10:07A M. - Hr. 30 Min. (G) 1470 P.S.I.
Initial Hydrostatic Pressure (A) 1976 P.S.I. Final Hydrostatic Pressure (H) 1974 P.S.I.

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

BLOW Good throughout - Gas to surface 55 mins. Bottom Choke Size 3/4 in.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 350' - 100' O. & G.C.M. - 188' M. & G.C. Oil -
62' Muddy O.C.Wtr. Mud

Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 42 Weight 9.9 Maximum Temp. 119 °F
EXTRA EQUIPMENT: Dual Packers ☒ Safety Joint ☐ Jars: Size ☐ No Make Ser. No.
Type Circ. Sub. Plug Did Tool Plug? ☐ No Where? Did Packer Hold? ☒ Yes
Length Drill Pipe 2870 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 840 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.
I. D. Drill Collars in. Length D. S. T. Tool 50 ft.

Remarks

Gas too weak to gauge

WESTERN TESTING CO., INC. Pressure Data

Date 11-12-63 Test Ticket No. 3211
Recorder No. 1558 Capacity 4200# Location 3702 Ft.
Clock No. 6806 Elevation 1501' D.F. Well Temperature 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1976</u> P.S.I.	Opened Tool	<u>8:03A</u>	<u>8:03 AM</u>
B First Initial Flow Pressure	<u>59</u> P.S.I.	First Flow Pressure	<u>2</u> Mins.	<u>2</u> Mins.
C First Final Flow Pressure	<u>59</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>31</u> Mins.
D Initial Closed-in Pressure	<u>1515</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>59</u> Mins.
E Second Initial Flow Pressure	<u>80</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>149</u> P.S.I.			
G Final Closed-in Pressure	<u>1470</u> P.S.I.			
H Final Hydrostatic Mud	<u>1974</u> P.S.I.			

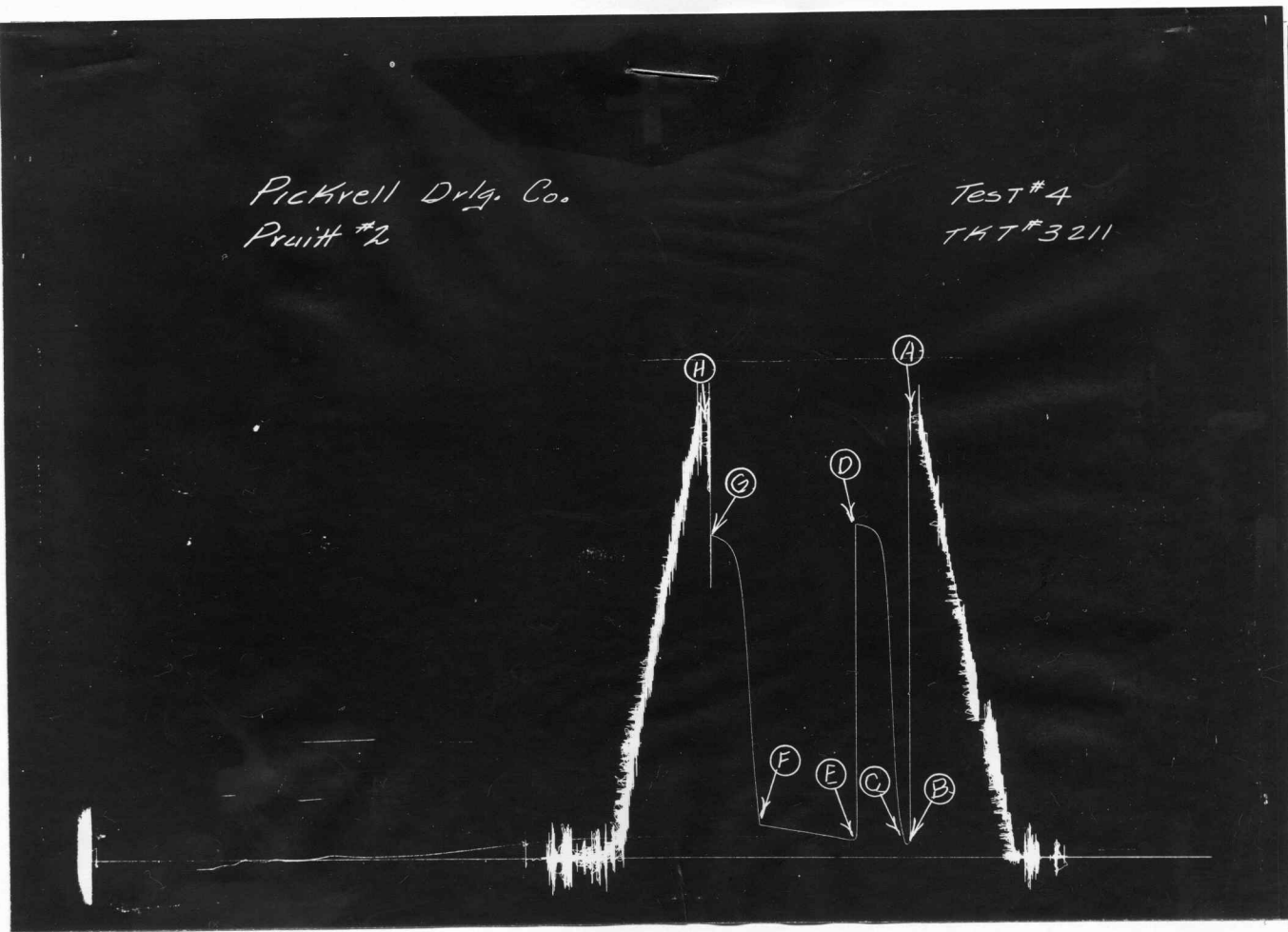
PRESSURE BREAKDOWN

First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>1</u> Inc.	Breakdown: <u>10</u> Inc.	Breakdown: <u>11</u> Inc.	Breakdown: <u>10</u> Inc.
of <u>2</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>-</u> Min.	final inc. of <u>1</u> Min.	final inc. of <u>4</u> Min.	final inc. of <u>-</u> Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>59</u>	<u>0</u>	<u>59</u>	<u>0</u>	<u>80</u>	<u>0</u>	<u>149</u>
P 2 <u>2</u>	<u>59</u>	<u>3</u>	<u>179</u>	<u>5</u>	<u>82</u>	<u>3</u>	<u>367</u>
P 3		<u>6</u>	<u>390</u>	<u>10</u>	<u>88</u>	<u>6</u>	<u>637</u>
P 4		<u>9</u>	<u>745</u>	<u>15</u>	<u>94</u>	<u>9</u>	<u>954</u>
P 5		<u>12</u>	<u>1194</u>	<u>20</u>	<u>101</u>	<u>12</u>	<u>1177</u>
P 6		<u>15</u>	<u>1401</u>	<u>25</u>	<u>109</u>	<u>15</u>	<u>1336</u>
P 7		<u>18</u>	<u>1468</u>	<u>30</u>	<u>115</u>	<u>18</u>	<u>1401</u>
P 8		<u>21</u>	<u>1491</u>	<u>35</u>	<u>120</u>	<u>21</u>	<u>1432</u>
P 9		<u>24</u>	<u>1502</u>	<u>40</u>	<u>126</u>	<u>24</u>	<u>1449</u>
P 10		<u>27</u>	<u>1508</u>	<u>45</u>	<u>132</u>	<u>27</u>	<u>1458</u>
P 11		<u>30</u>	<u>1514</u>	<u>50</u>	<u>139</u>	<u>30</u>	<u>1470</u>
P 12		<u>31</u>	<u>1515</u>	<u>55</u>	<u>143</u>		
P 13				<u>59</u>	<u>149</u>		
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							

Pickrell Drilling Co.
Pruitt #2

Test #4
TKT #3211



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud	1976	PSI
(B)	First Initial Flow Pressure	59	PSI
(C)	First Final Flow Pressure	59	PSI
(D)	Initial Closed-in Pressure	1515	PSI
(E)	Second Initial Flow Pressure	80	PSI
(F)	Second Final Flow Pressure	149	PSI
(G)	Final Closed-in Pressure	1470	PSI
(H)	Final Hydrostatic Mud	1974	PSI



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

Company Pickrell Drilling Company Lease & Well No. Fruitt #2
Elevation 1501' D.F. Ticket Number 3212
Date 11-12-63 Sec. 34 Twp. 29S Range 6W County Kingman State Kansas
Test Approved by Dan Bowles Western Representative George Tew

Formation Test No. 5 O.K. ☒ Misrun Interval Tested From 3717' to 3740' Total Depth 3740'
Size Main Hole 7 7/8" Rat Hole None Conv. ☒ B.T. Damaged Yes ☒ No Conv. B.T. ☒ Damaged Yes ☒ No
Packer Depth 3717 Ft. Size 6 3/4" Packer Depth 3712 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 4 1/2" FH Anchor Length 23 Ft. Size 5 1/2" OD

RECORDERS	Depth <u>3731</u> Ft.	Clock No. <u>6806</u>	Depth <u>3734</u> Ft.	Clock No. <u>60</u>
	Top Make <u>Amerada</u> Cap. <u>4200#</u> No. <u>1558</u>	Inside ☒ Outside	Bottom Make <u>Western</u> Cap. <u>4000#</u> No. <u>60</u>	Inside ☒ Outside
Below Straddle:	Depth	Clock No.	Depth	Clock No.
	Top Make	Cap.	Bottom Make	Cap.
	No.	Inside	No.	Inside
		Outside		Outside

Time Set Packer 9:00P M
Tool Open I.F.P. From 9:02P M to 9:04P M - Hr. 2 Min. From (B) 44 P.S.I. To (C) 44 P.S.I.
Tool Closed I.C.I.P. From 9:04P M. to 9:34P M. - Hr. 30 Min. (D) 1064 P.S.I.
Tool Open F.F.P. From 9:34P M. to 10:34P M. 1 Hr. - Min. From (E) 56 P.S.I. To (F) 76 P.S.I.
Tool Closed F.C.I.P. From 10:34P M. to 11:04P M. - Hr. 30 Min. (G) 885 P.S.I.
Initial Hydrostatic Pressure (A) 1989 P.S.I. Final Hydrostatic Pressure (H) 1981 P.S.I.

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

BLOW Fair diminishing to weak Bottom Choke Size 3/4 in.
Did Well Flow Yes ☒ No Recovery Total Ft. 120'

120' Slightly O. & G.C. Mud Mud
Reversed Out Yes ☒ No Mud Type Starch Viscosity 40 Weight 10. Maximum Temp. 119 °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 2892 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 840 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.
I. D. Drill Collars in. Length D. S. T. Tool 43 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

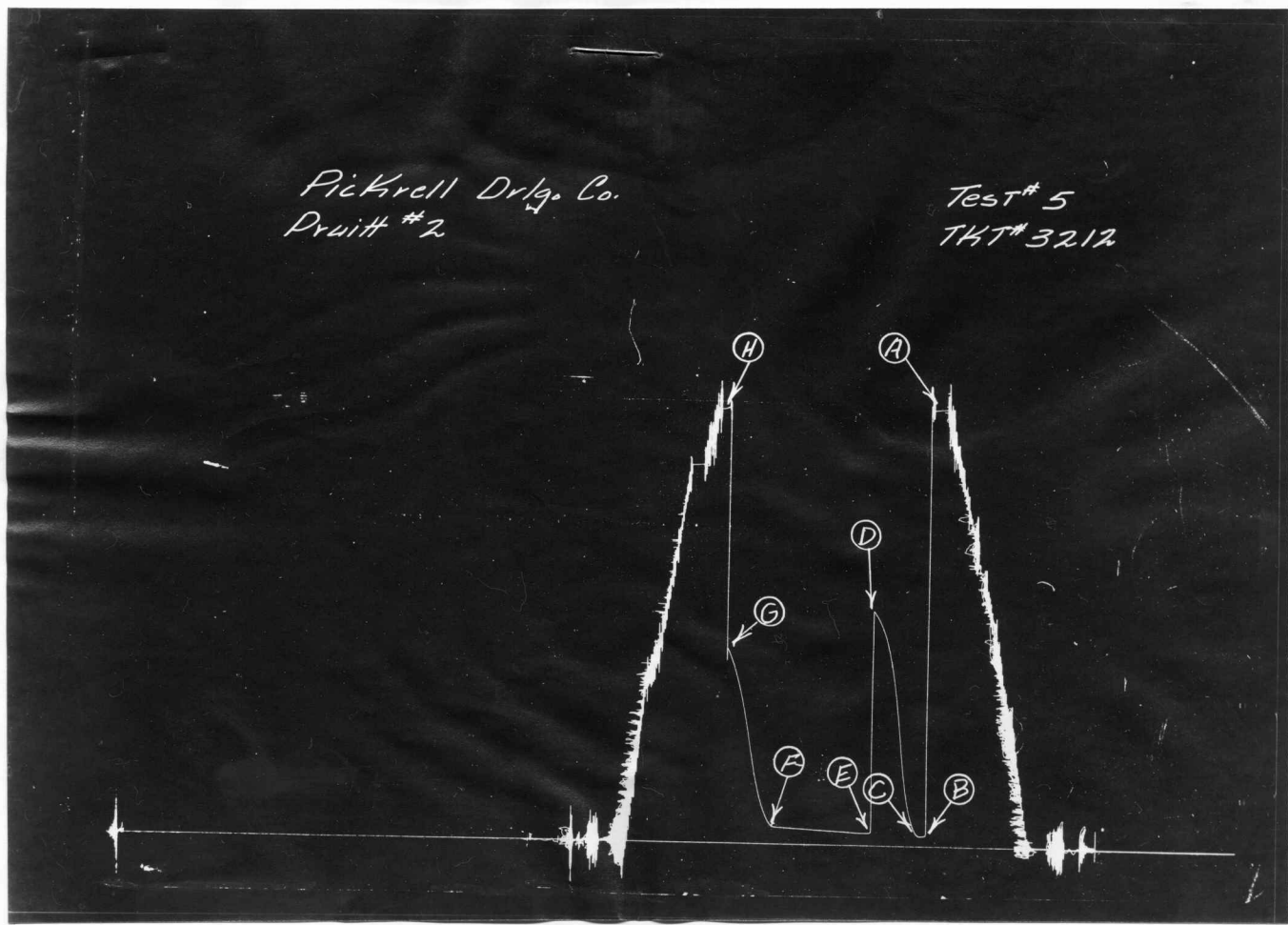
Date 11-12-63 Test Ticket No. 3212
Recorder No. 1558 Capacity 4200# Location 3731 Ft.
Clock No. 6806 Elevation 1501' D.F. Well Temperature 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1989</u>	P.S.I.	<u>9:00 P</u>	<u>9:00 PM</u>
B First Initial Flow Pressure	<u>44</u>	P.S.I.	<u>2</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>44</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1064</u>	P.S.I.	<u>60</u> Mins.	<u>61</u> Mins.
E Second Initial Flow Pressure	<u>56</u>	P.S.I.	<u>30</u> Mins.	<u>29</u> Mins.
F Second Final Flow Pressure	<u>76</u>	P.S.I.		
G Final Closed-in Pressure	<u>885</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1981</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: 10 Inc. of 3 mins. and a final inc. of - Min.
Second Flow Pressure Breakdown: 12 Inc. of 5 mins. and a final inc. of 1 Min.
Final Shut-In Breakdown: 9 Inc. of 3 mins. and a final inc. of 2 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>44</u>	<u>0</u>	<u>44</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>76</u>
P 2 <u>5</u>	<u>44</u>	<u>3</u>	<u>92</u>	<u>5</u>	<u>56</u>	<u>3</u>	<u>109</u>
P 3		<u>6</u>	<u>160</u>	<u>10</u>	<u>57</u>	<u>6</u>	<u>166</u>
P 4		<u>9</u>	<u>278</u>	<u>15</u>	<u>59</u>	<u>9</u>	<u>244</u>
P 5		<u>12</u>	<u>453</u>	<u>20</u>	<u>61</u>	<u>12</u>	<u>343</u>
P 6		<u>15</u>	<u>624</u>	<u>25</u>	<u>63</u>	<u>15</u>	<u>464</u>
P 7		<u>18</u>	<u>787</u>	<u>30</u>	<u>65</u>	<u>18</u>	<u>593</u>
P 8		<u>21</u>	<u>899</u>	<u>35</u>	<u>67</u>	<u>21</u>	<u>695</u>
P 9		<u>24</u>	<u>977</u>	<u>40</u>	<u>69</u>	<u>24</u>	<u>782</u>
P 10		<u>27</u>	<u>1029</u>	<u>45</u>	<u>71</u>	<u>27</u>	<u>845</u>
P 11		<u>30</u>	<u>1064</u>	<u>50</u>	<u>73</u>	<u>29</u>	<u>885</u>
P 12				<u>55</u>	<u>74</u>		
P 13				<u>60</u>	<u>75</u>		
P 14				<u>61</u>	<u>76</u>		
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A) Initial Hydrostatic Mud	1989	PSI
(B) First Initial Flow Pressure	44	PSI
(C) First Final Flow Pressure	44	PSI
(D) Initial Closed-in Pressure	1064	PSI
(E) Second Initial Flow Pressure	56	PSI
(F) Second Final Flow Pressure	76	PSI
(G) Final Closed-in Pressure	885	PSI
(H) Final Hydrostatic Mud	1981	PSI



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

Company Mickrell Drilling Company Lease & Well No. Fruitt #2
Elevation 1501' D.F. Ticket Number 3214
Date 11-14-63 Sec. 34 Twp. 29S Range 6W County Kingman State Kansas
Test Approved by Dan Bowles Western Representative George Tew

Formation Test No. 6 O.K. X Misrun X Interval Tested From 4114' to 4142' Total Depth 4142'
Size Main Hole 7 7/8" Rat Hole None Conv. X B.T. Damaged Yes X No X Conv. X B.T. Damaged Yes X No X
Packer Depth 4114 Ft. Size 6 3/4" Packer Depth 4109 Ft. Size 6 3/4"
Straddle Yes No X Conv. X B.T. Damaged Yes X No X
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" PH Anchor Length 28 Ft. Size 5 1/2" OD

RECORDERS Depth 4133 Ft. Clock No. 6806 Depth 4136 Ft. Clock No. 60
Top Make Amerada Cap. 4200# No. 1558 Inside Outside Bottom Make Western Cap. 4000# No. 60 Inside Outside
Below Straddle: Depth 4133 Clock No. 6806 Inside Outside Depth 4136 Ft. Clock No. 60 Inside Outside
Top Make Amerada Cap. 4200# No. 1558 Inside Outside Bottom Make Western Cap. 4000# No. 60 Inside Outside

Time Set Packer 5:59 P M 6:01P M 6:04P M 3 Hr. 46 Min. From (B) 46 P.S.I. To (C) 46 P.S.I.
Tool Open I.F.P. From 6:01P M to 6:04P M 3 Hr. 30 Min. From (D) 316 P.S.I.
Tool Closed I.C.I.P. From 6:04P M. to 6:34P M. 1 Hr. 56 Min. From (E) 75 P.S.I.
Tool Open F.F.P. From 6:34P M. to 7:34P M. 1 Hr. 30 Min. From (G) 135 P.S.I.
Tool Closed F.C.I.P. From 7:34P M. to 8:04P M. 1 Hr. 30 Min. From (H) 2213 P.S.I.
Initial Hydrostatic Pressure (A) 2213 P.S.I. Final Hydrostatic Pressure (H) 2213 P.S.I.

SURFACE Size Choke 1/2 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION Weak blow for 15 mins. Bottom Choke Size 3/4 in.

BLOW Weak blow for 15 mins. Bottom Choke Size 3/4 in.
Did Well Flow Yes No X Recovery Total Ft. 80' S.G.C. and Oil specked mud

Reversed Out Yes No X Mud Type Starch Viscosity 43 Weight 10. Maximum Temp. 126 °F

EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Jars: Size No Make No Ser. No. Yes

Type Circ. Sub. 3251 Did Tool Plug? 3.8 Where? 840 Did Packer Hold? 2.7

Length Drill Pipe 3251 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 840 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars 48 ft.

I. D. Drill Collars 48 in. Length D. S. T. Tool 48 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

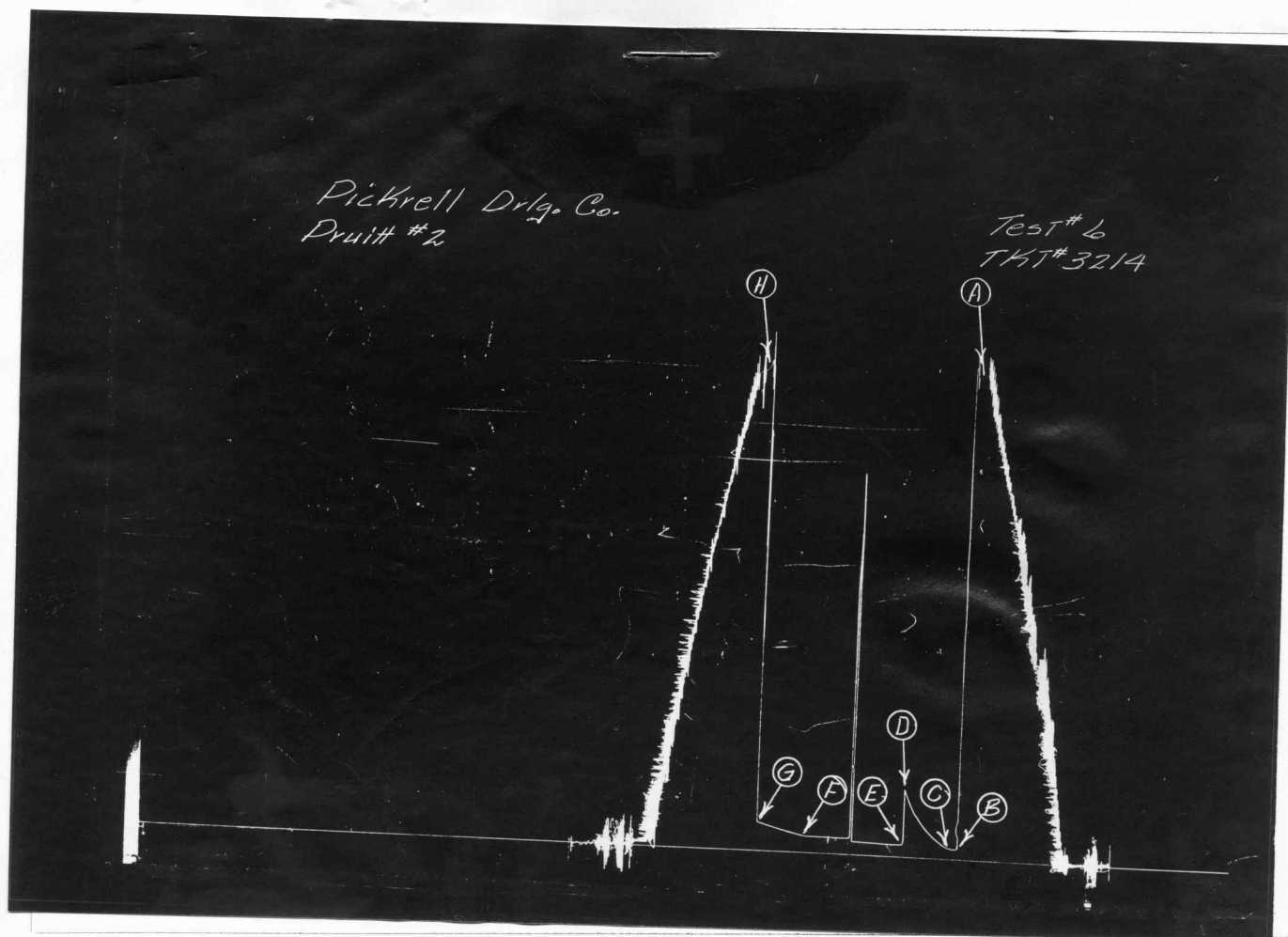
Date 11-14-63 Test Ticket No. 3214
Recorder No. 1558 Capacity 4200# Location 4133 Ft.
Clock No. 6806 Elevation 1501' D.F. Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
			5:59 P	5:59 PM
A Initial Hydrostatic Mud	2249	P.S.I.		
B First Initial Flow Pressure	46	P.S.I.	3	3
C First Final Flow Pressure	46	P.S.I.	30	30
D Initial Closed-in Pressure	316	P.S.I.	60	61
E Second Initial Flow Pressure	56	P.S.I.	30	31
F Second Final Flow Pressure	75	P.S.I.		
G Final Closed-in Pressure	135	P.S.I.		
H Final Hydrostatic Mud	2243	P.S.I.		

PRESSURE BREAKDOWN

First Flow Press. Breakdown: 1 Inc. of 3 mins. and a final inc. of - Min.
Initial Shut-In Breakdown: 10 Inc. of 3 mins. and a final inc. of - Min.
Second Flow Pressure Breakdown: 12 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 1 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>46</u>	<u>0</u>	<u>46</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>75</u>
P 2 <u>3</u>	<u>46</u>	<u>3</u>	<u>54</u>	<u>5</u>	<u>56</u>	<u>3</u>	<u>80</u>
P 3		<u>6</u>	<u>67</u>	<u>10</u>	<u>56</u>	<u>6</u>	<u>86</u>
P 4		<u>9</u>	<u>84</u>	<u>15</u>	<u>56</u>	<u>9</u>	<u>92</u>
P 5		<u>12</u>	<u>102</u>	<u>20</u>	<u>56</u>	<u>12</u>	<u>96</u>
P 6		<u>15</u>	<u>122</u>	<u>25</u>	<u>56</u>	<u>15</u>	<u>103</u>
P 7		<u>18</u>	<u>149</u>	<u>30</u>	<u>56</u>	<u>18</u>	<u>108</u>
P 8		<u>21</u>	<u>181</u>	<u>35</u>	<u>75</u>	<u>21</u>	<u>115</u>
P 9		<u>24</u>	<u>215</u>	<u>40</u>	<u>75</u>	<u>24</u>	<u>120</u>
P 10		<u>27</u>	<u>265</u>	<u>45</u>	<u>75</u>	<u>27</u>	<u>126</u>
P 11		<u>30</u>	<u>316</u>	<u>50</u>	<u>75</u>	<u>30</u>	<u>134</u>
P 12				<u>55</u>	<u>75</u>	<u>31</u>	<u>135</u>
P 13				<u>60</u>	<u>75</u>		
P 14				<u>61</u>	<u>75</u>		
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud	2249	PSI
(B)	First Initial Flow Pressure	46	PSI
(C)	First Final Flow Pressure	46	PSI
(D)	Initial Closed-in Pressure	316	PSI
(E)	Second Initial Flow Pressure	56	PSI
(F)	Second Final Flow Pressure	75	PSI
(G)	Final Closed-in Pressure	135	PSI
(H)	Final Hydrostatic Mud	2243	PSI