



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

Pickrell Drilling Company

Company 2040 Derrick Floor Lease & Well No. Ondrasek #1
 Elevation Kansas City Ticket Number 7661
 Date Sept. 9, 1966 Sec. _____ Twp. _____ Range _____ County Rooks State Kansas
 Test Approved by Ralph W. Ruwe Western Representative Ernest Luckert

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 3315' to 3330' Total Depth 3330'
 Size Main Hole 7 7/8 Rat Hole _____ Conv. B.T. _____ Damaged _____ Yes _____ No _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No _____
 Packer Depth 3315 Ft. Size 6 3/4 Packer Depth 3310 Ft. Size 6 3/4
 Straddle _____ Yes _____ No _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No _____

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 15 Ft. Size 5 1/2 OD
 RECORDERS Depth 3318 Ft. Clock No. 6892 Depth 3321 Ft. Clock No. 6774
 Top Make Kuster Cap. 4150 No. 2606 Inside _____ Outside _____ Bottom Make Kuster Cap. 4300 No. 1567 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 11:28 A M
 Tool Open I.F.P. From 11:30 M to 11:37 M Hr. 7 Min. From (B) 24 P.S.I. To (C) 24 P.S.I.
 Tool Closed I.C.I.P. From 11:37 M. to 12:07 M. Hr. 30 Min. (D) 6 41 P.S.I.
 Tool Open F.F.P. From 12:07 M. to 2:07 M. 2 Hr. Min. From (E) 46 P.S.I. To (F) 213 P.S.I.
 Tool Closed F.C.I.P. From 2:07P M. to 3:07 M. 1 Hr. Min. (G) 612 P.S.I.
 Initial Hydrostatic Pressure (A) 1779 P.S.I. Final Hydrostatic Pressure (H) 1762 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 good throughout. Bottom Choke Size 3/4 In.
 Did Well Flow _____ Yes No _____ Recovery Total Ft. 420' salt water

Reversed Out _____ Yes No _____ Mud Type starch Viscosity 40 Weight 10.1 Maximum Temp. 108 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size _____ Make _____ Ser. No. _____

Type Circ. Sub. plug Did Tool Plug? no Where? _____ Did Packer Hold? yes

Length Drill Pipe 2150 ft. I.D. Drill Pipe 3.7 in Length Weight Pipe 1145 ft. I.D. Weight Pipe 2.6 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 35 ft.

Remarks

WESTERN TESTING CO., INC.
Pressure Data

Date September 9, 1966 Test Ticket No. 7661
 Recorder No. 2606 Capacity 4150 Location 3318 Ft.
 Clock No. 6892 Elevation 2040 Derrick Floor Well Temperature 108 °F

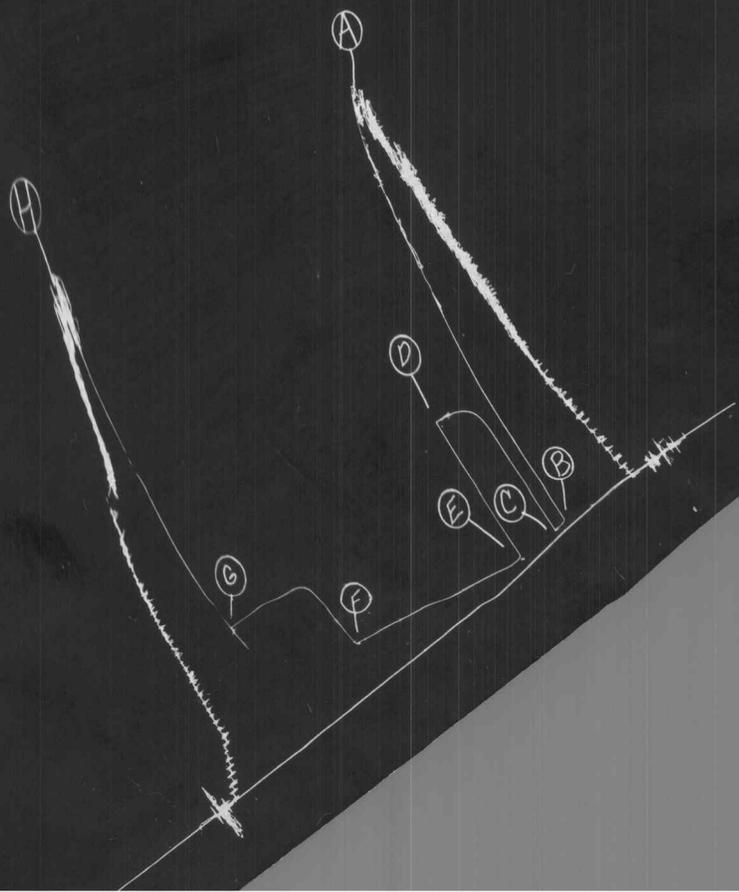
Point	Pressure	P.S.I.	Description	Time	
				Given	Computed
A	1779	P.S.I.	Opened Tool	11:30	
B	24	P.S.I.	First Flow Pressure	7	8
C	24	P.S.I.	Initial Closed-in Pressure	30	31
D	641	P.S.I.	Second Flow Pressure	120	121
E	46	P.S.I.	Final Closed-in Pressure	60	60
F	213	P.S.I.			
G	612	P.S.I.			
H	1762	P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
P 1	0	24	0	24	0	46	0	213
P 2	5	24	3	364	5	49	3	506
P 3	8	24	6	549	10	54	6	549
P 4			9	589	15	62	9	566
P 5			12	605	20	73	12	576
P 6			15	616	25	81	15	583
P 7			18	624	30	92	18	587
P 8			21	628	35	97	21	591
P 9			24	634	40	104	24	595
P10			27	639	45	114	27	597
P11			30	640	50	121	30	599
P12			31	641	55	129	33	601
P13					60	137	36	603
P14					65	141	39	605
P15					70	149	42	606
P16					75	156	45	607
P17					80	162	48	608
P18					85	170	51	608
P19					90	175	54	610
P20					95	182	57	611
					100	189	60	612
					105	195		
					110	199		
					115	205		
					120	211		
					121	213		

Pickrell Drla Co.
Ondrasek #1

TKT-7661
Test #1





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

Company Pickrell Drilling Company Lease & Well No. Ondrasek #1
Elevation 2040 Derrick Floor Formation Arbuckle Ticket Number 7662
Date Sept. 10, 1966 Sec. _____ Twp. _____ Range _____ County Rooks State Kansas
Test Approved by Ralph W. Ruwe Western Representative Ernest Luckret

Formation Test No. 2 O.K. Misrun _____ Interval Tested From 3476' to 3483' Total Depth 3483'
Size Main Hole 7 7/8 Rat Hole _____ Conv. B.T. _____ Damaged _____ Yes No Conv. B.T. _____ Damaged _____ Yes No
Packer Depth 3476 Ft. Size 6 3/4 Packer Depth 3471 Ft. Size 6 3/4
Straddle _____ Yes _____ No _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No _____

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 7 Ft. Size 5 1/2 OD
RECORDERS Depth 3466 Ft. Clock No. 6892 Depth 3479 Ft. Clock No. 6774
Top Make Kuster Cap. 4150 No. 2606 Inside _____ Outside _____ Bottom Make Kuster Cap. 4300 No. 1567 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 9:33 P M _____
Tool Open I.F.P. From 9:35 M to 9:42 M Hr. 7 Min. From (B) _____ P.S.I. To (C) 31 P.S.I.
Tool Closed I.C.I.P. From 9:42 M. to 10:12 M. Hr. 30 Min. (D) _____ P.S.I. 823
Tool Open F.F.P. From 10:12 M. to 12:24 M. 1 Hr. 10 Min. From (E) 39 P.S.I. To (F) 45 P.S.I.
Tool Closed F.C.I.P. From 12:24 M. to 1:24 M. 1 Hr. _____ Min. (G) _____ P.S.I. 707
Initial Hydrostatic Pressure (A) 1830 P.S.I. Final Hydrostatic Pressure (H) 1804 P.S.I.

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

BLOW WEak for seven minutes. Bottom Choke Size 3/4 In.

Did Well Flow _____ Yes No _____ Recovery Total Ft. 5' slightly oil cut mud

Reversed Out _____ Yes No _____ Mud Type starch Viscosity 46 Weight 10 Maximum Temp. 108 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size _____ Make _____ Ser. No. _____

Type Circ. Sub. plug Did Tool Plug? no Where? _____ Did Packer Hold? yes

Length Drill Pipe 2307 ft. I.D. Drill Pipe 3.7 in Length Weight Pipe 1145 ft. I.D. Weight Pipe 2.6 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 31 ft.

Remarks Flushed tool twice - slight bubbles 30 minutes - 60 minutes.

WESTERN TESTING CO., INC.
Pressure Data

Date September 10, 1966 Test Ticket No. 7662
 Recorder No. 2606 Capacity 4150 Location 3466 Ft.
 Clock No. 6892 Elevation 2040 Derrick Floor Well Temperature 108 °F

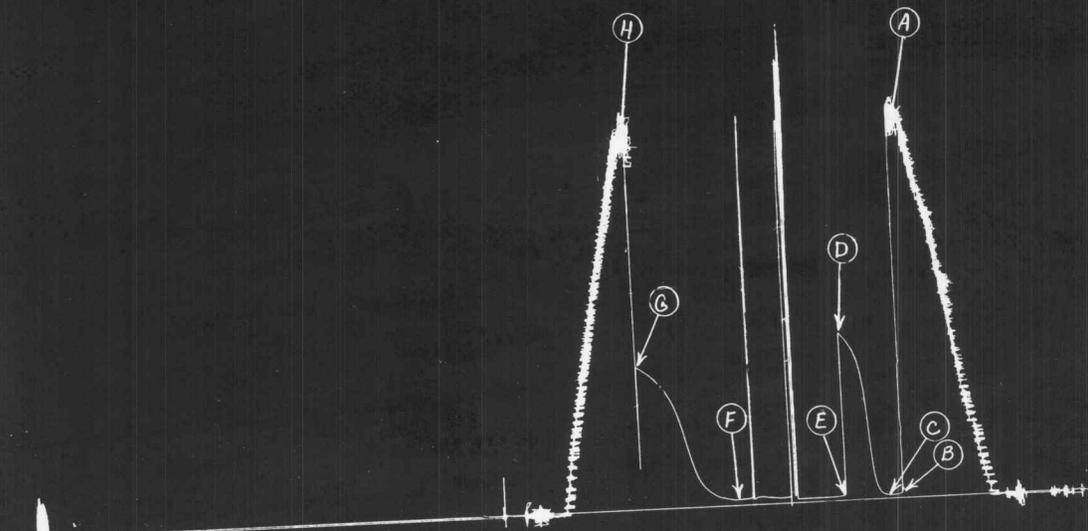
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1830</u> P.S.I.	Opened Tool	<u>9:33 P</u> M	
B First Initial Flow Pressure	<u>35</u> P.S.I.	First Flow Pressure	<u>7</u> Mins.	<u>8</u> Mins.
C First Final Flow Pressure	<u>31</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>823</u> P.S.I.	Second Flow Pressure	<u>70</u> Mins.	<u>69</u> Mins.
E Second Initial Flow Pressure	<u>39</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>45</u> P.S.I.			
G Final Closed-in Pressure	<u>707</u> P.S.I.			
H Final Hydrostatic Mud	<u>1804</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In	
	Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u>3</u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>13</u> Inc. of <u>5</u> mins. and a final inc. of <u>4</u> Min.	Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.	
	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>35</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>45</u>
P 2	<u>35</u>	<u>3</u>	<u>33</u>	<u>5</u>	<u>41</u>
P 3	<u>31</u>	<u>6</u>	<u>45</u>	<u>10</u>	<u>45</u>
P 4		<u>9</u>	<u>95</u>	<u>15</u>	<u>50</u>
P 5		<u>12</u>	<u>237</u>	<u>20</u>	<u>62</u>
P 6		<u>15</u>	<u>495</u>	<u>25</u>	<u>74</u>
P 7		<u>18</u>	<u>651</u>	<u>30</u>	<u>91</u>
P 8		<u>21</u>	<u>715</u>	<u>35</u>	<u>116</u>
P 9		<u>24</u>	<u>758</u>	<u>40</u>	<u>147</u>
P10		<u>27</u>	<u>798</u>	<u>45</u>	<u>194</u>
P11		<u>30</u>	<u>823</u>	<u>50</u>	<u>264</u>
P12				<u>55</u>	<u>347</u>
P13				<u>60</u>	<u>431</u>
P14				<u>65</u>	<u>497</u>
P15				<u>69</u>	<u>543</u>
P16					<u>543</u>
P17					<u>584</u>
P18					<u>611</u>
P19					<u>638</u>
P20					<u>657</u>
					<u>675</u>
					<u>707</u>

Pickrell Dr La Co.
Ondrasek #1

T.K.T # 7662
Test # 2





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

Pickrell Drilling Company

Company Pickrell Drilling Company Lease & Well No. Ondrasek #1
Elevation 2043 Kelly Bushings Formation Arbuckle Ticket Number 7663
Date Sept. 11, 1966 Sec. _____ Twp. _____ Range _____ County Rooks State Kansas
Test Approved by Ralph W. Ruwe Western Representative Dean Blagrave

Formation Test No. 3 O.K. Misrun _____ Interval Tested From 3483' to 3491' Total Depth 3491'
Size Main Hole 7 7/8 Rat Hole none Conv. B.T. _____ Damaged Yes No Conv. B.T. _____ Damaged Yes No
Packer Depth 3478 Ft. Size 6 3/4 Packer Depth 3483 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 8 Ft. Size 5 1/2 OD
RECORDERS Depth 3472 Ft. Clock No. 6892 Depth 3486 Ft. Clock No. 6774
Top Make Amerada Cap. 4150 No. 2606 Inside _____ Outside _____ Bottom Make Amerada Cap. 4300 No. 1567 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 9:39 A M _____
Tool Open I.F.P. From 9:40 M to 9:52 M Hr. 12 Min. From (B) _____ P.S.I. To (C) 34 P.S.I.
Tool Closed I.C.I.P. From 9:52 M. to 10:22 M. Hr. 30 Min. (D) _____ P.S.I. 798 P.S.I.
Tool Open F.F.P. From 10:22 A M. to 12:22 P M. 2 Hr. _____ Min. From (E) 43 P.S.I. To (F) _____ P.S.I. 52 P.S.I.
Tool Closed F.C.I.P. From 12:22 P M. to 1:22 P M. 1 Hr. _____ Min. (G) _____ P.S.I. 584 P.S.I.
Initial Hydrostatic Pressure (A) 1843 P.S.I. Final Hydrostatic Pressure (H) 1821 P.S.I.

SURFACE Size Choke 1/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW WEak for one hour; weak and intermittent remainder Bottom Choke Size 3/4 In.
Did Well Flow Yes No _____ Recovery Total Ft. 30' very heavy oil cut mud;(40% oil)

Reversed Out Yes No _____ Mud Type starch Viscosity 48 Weight 10 Maximum Temp. 108 °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 _____ ft. I.D. Drill Pipe _____ in Length Weight Pipe 1145 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars none ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 32 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date September 11, 1966

Test Ticket No. 7663

Recorder No. 2606

Capacity 4150

Location 3472 Ft.

Clock No. 6892

Elevation 2043 Kelly Bushings

Well Temperature 108 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1843</u> P.S.I.	Opened Tool	<u>9:39 A</u>	
B First Initial Flow Pressure	<u>34</u> P.S.I.	First Flow Pressure	<u>12</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>34</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>28</u> Mins.
D Initial Closed-in Pressure	<u>798</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins.	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>43</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>58</u> Mins.
F Second Final Flow Pressure	<u>52</u> P.S.I.			
G Final Closed-in Pressure	<u>584</u> P.S.I.			
H Final Hydrostatic Mud	<u>1821</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.

Breakdown: 3 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: 24 Inc.
of 5 mins. and a
final inc. of = Min.

Final Shut-In

Breakdown: 19 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>34</u>	<u>0</u>	<u>34</u>	<u>0</u>	<u>43</u>	<u>0</u>	<u>52</u>
P 2 <u>5</u>	<u>34</u>	<u>3</u>	<u>64</u>	<u>5</u>	<u>43</u>	<u>3</u>	<u>54</u>
P 3 <u>10</u>	<u>34</u>	<u>6</u>	<u>151</u>	<u>10</u>	<u>43</u>	<u>6</u>	<u>59</u>
P 4 <u>15</u>	<u>34</u>	<u>9</u>	<u>382</u>	<u>15</u>	<u>43</u>	<u>9</u>	<u>68</u>
P 5 _____		<u>12</u>	<u>541</u>	<u>20</u>	<u>43</u>	<u>12</u>	<u>76</u>
P 6 _____		<u>15</u>	<u>630</u>	<u>25</u>	<u>43</u>	<u>15</u>	<u>89</u>
P 7 _____		<u>18</u>	<u>694</u>	<u>30</u>	<u>43</u>	<u>18</u>	<u>106</u>
P 8 _____		<u>21</u>	<u>733</u>	<u>35</u>	<u>43</u>	<u>21</u>	<u>124</u>
P 9 _____		<u>24</u>	<u>771</u>	<u>40</u>	<u>43</u>	<u>24</u>	<u>149</u>
P10 _____		<u>27</u>	<u>796</u>	<u>45</u>	<u>43</u>	<u>27</u>	<u>178</u>
P11 _____		<u>28</u>	<u>798</u>	<u>50</u>	<u>43</u>	<u>30</u>	<u>214</u>
P12 _____				<u>55</u>	<u>43</u>	<u>33</u>	<u>257</u>
P13 _____				<u>60</u>	<u>43</u>	<u>36</u>	<u>308</u>
P14 _____				<u>65</u>	<u>45</u>	<u>39</u>	<u>364</u>
P15 _____				<u>70</u>	<u>45</u>	<u>42</u>	<u>418</u>
P16 _____				<u>75</u>	<u>45</u>	<u>45</u>	<u>464</u>
P17 _____				<u>80</u>	<u>49</u>	<u>48</u>	<u>506</u>
P18 _____				<u>85</u>	<u>49</u>	<u>51</u>	<u>539</u>
P19 _____				<u>90</u>	<u>50</u>	<u>54</u>	<u>563</u>
P20 _____				<u>95</u>	<u>50</u>	<u>57</u>	<u>582</u>
				<u>100</u>	<u>51</u>	<u>58</u>	<u>584</u>
				<u>105</u>	<u>51</u>		
				<u>110</u>	<u>52</u>		
				<u>115</u>	<u>52</u>		
				<u>120</u>	<u>52</u>		

Pickrell DrLg.Co.
Ondrasek #1

TKT.# 7663
Test #3

