



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

Company Pickrell Drilling Company Lease & Well No. Sears #1
 Elevation 2256 Derrick Floor; Formation-Ft. Scott Ticket Number 5526
 Date Jan. 4, 1965 Sec. 6 Twp. 20 Range 21 County Ness State Kansas
 Test Approved by George E. Link Western Representative Jack Toelkes

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 4290' to 4329' Total Depth 4329'
 Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. X Damaged Yes No _____ Conv. _____ B.T. X Damaged Yes No _____
 Packer Depth 4285 Ft. Size 6 3/4 Packer Depth 4290 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 39 Ft. Size 5 1/2 OD

RECORDERS Depth 4321 Ft. Clock No. 4763 Depth 4324 Ft. Clock No. 147
 Top Make Amerada Cap. 4382 No. 1567 Inside Outside Bottom Make Western Cap. 3600 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 2:23 P M
 Tool Open I.F.P. From 2:24 P M to 2:27 M Hr. 3 Min. From (B) 28 P.S.I. To (C) 28 P.S.I.
 Tool Closed I.C.I.P. From 2:27 P M. to 2:57 M. Hr. 30 Min. (D) 1370 P.S.I.
 Tool Open F.F.P. From 2:57 M. to 3:57 M. 1 Hr. _____ Min. From (E) 43 P.S.I. To (F) 56 P.S.I.
 Tool Closed F.C.I.P. From 3:57 M. to 4:27 M. Hr. 30 Min. (G) 140 P.S.I.
 Initial Hydrostatic Pressure (A) 2317 P.S.I. Final Hydrostatic Pressure (H) 2302 P.S.I.

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

BLOW Very weak twenty minutes. Flushed tool. Weak ten minutes. Bottom Choke Size 3/4 in.
 Did Well Flow Yes No _____ Recovery Total Ft. 50' mud with scum of oil

Reversed Out Yes No _____ Mud Type starch Viscosity 43 Weight 9.9 WL 15.6 Maximum Temp. 111 °F
 EXTRA EQUIPMENT: Dual Packers yes Safety Joint a Jars: Size _____ Make _____ Ser. No. _____
 Type Circ. Sub. plug Did Tool Plug? no Where? _____ Did Packer Hold? yes
 Length Drill Pipe 3490 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 780 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
 I. D. Drill Collars _____ in. Length D. S. T. Tool 59 ft.

Remarks
Flushed tool after thirty minutes. Weak blow ten minutes.

WESTERN TESTING CO., INC.

Pressure Data

Date January 4, 1965

Test Ticket No. 5526

Recorder No. 1567

Capacity 4300

Location 4321 Ft.

Clock No. 4763

Elevation 2256 Derrick Floor

Well Temperature 111 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2317</u> P.S.I.	Opened Tool	<u>2:23P</u>	
B First Initial Flow Pressure	<u>28</u> P.S.I.	First Flow Pressure	<u>3</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>28</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1370</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>43</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>32</u> Mins.
F Second Final Flow Pressure	<u>56</u> P.S.I.			
G Final Closed-in Pressure	<u>140</u> P.S.I.			
H Final Hydrostatic Mud	<u>2302</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.

Breakdown: 1 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In

Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure

Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

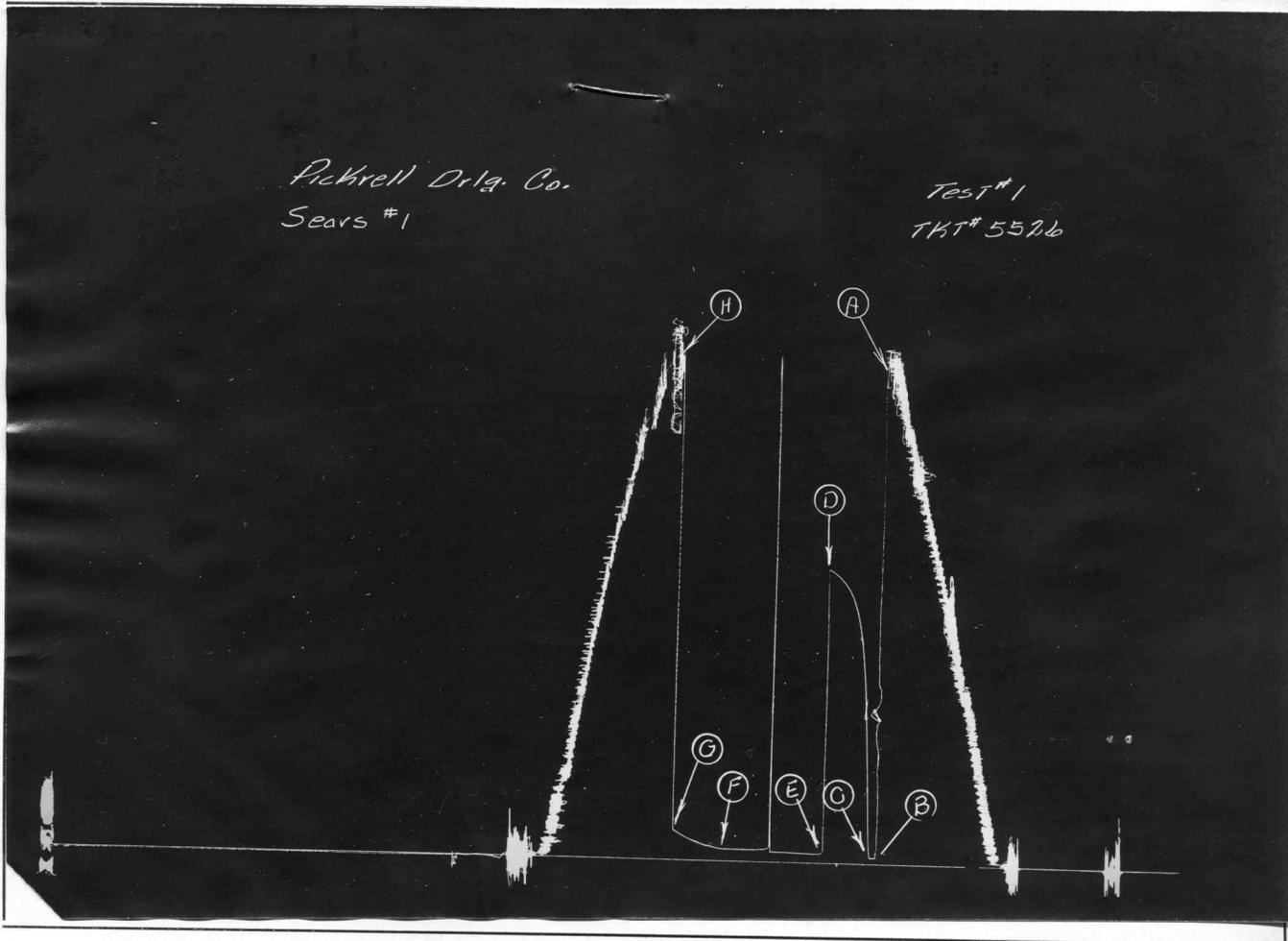
Final Shut-In

Breakdown: 10 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>28</u>	<u>0</u>	<u>28</u>	<u>0</u>	<u>43</u>	<u>0</u>	<u>56</u>
P 2 <u>5</u>	<u>28</u>	<u>3</u>	<u>577</u>	<u>5</u>	<u>43</u>	<u>3</u>	<u>58</u>
P 3		<u>6</u>	<u>857</u>	<u>10</u>	<u>44</u>	<u>6</u>	<u>64</u>
P 4		<u>9</u>	<u>1047</u>	<u>15</u>	<u>44</u>	<u>9</u>	<u>69</u>
P 5		<u>12</u>	<u>1165</u>	<u>20</u>	<u>45</u>	<u>12</u>	<u>75</u>
P 6		<u>15</u>	<u>1242</u>	<u>25</u>	<u>46</u>	<u>15</u>	<u>82</u>
P 7		<u>18</u>	<u>1281</u>	<u>30</u>	<u>47</u>	<u>18</u>	<u>88</u>
P 8		<u>21</u>	<u>1318</u>	<u>35</u>	<u>56</u>	<u>21</u>	<u>97</u>
P 9		<u>24</u>	<u>1340</u>	<u>40</u>	<u>56</u>	<u>24</u>	<u>108</u>
P10		<u>27</u>	<u>1355</u>	<u>45</u>	<u>56</u>	<u>27</u>	<u>118</u>
P11		<u>30</u>	<u>1370</u>	<u>50</u>	<u>56</u>	<u>30</u>	<u>131</u>
P12				<u>55</u>	<u>56</u>	<u>32</u>	<u>140</u>
P13				<u>60</u>	<u>56</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Pickrell Drilg. Co.
Sears #1

Test #1
TKT# 5526



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A) Initial Hydrostatic Mud	2317	PSI
(B) First Initial Flow Pressure	28	PSI
(C) First Final Flow Pressure	28	PSI
(D) Initial Closed-in Pressure	1370	PSI
(E) Second Initial Flow Pressure	43	PSI
(F) Second Final Flow Pressure	56	PSI
(G) Final Closed-in Pressure	140	PSI
(H) Final Hydrostatic Mud	2302	PSI



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

Company Pickrell Drilling Company Lease & Well No. Sears #1
Elevation 2256 Derrick Floor; Formation- Miss. Ticket Number 5527
Date Jan. 5, 1965 Sec. 6 Twp. 20 Range 21 County Ness State Kansas
Test Approved by George E. Link Western Representative Jack Toelkes

Formation Test No. 2 O.K. Misrun _____ Interval Tested From 4359' 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 4354 Ft. Size 6 3/4 Packer Depth 4359 Ft. Size 6 3/4
Straddle _____ Yes No _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Tool Size 5 1/2 OD Packer Depth 4 1/2 FH Ft Size _____ Anchor Length 31 Ft. Size 5 1/2 OD

RECORDERS Depth 4384 Ft. Clock No. 4763 Depth 4387 Ft. Clock No. 147
Top Make Amerada Cap. 4382 No. 1567 Inside _____ Outside _____ Bottom Make Western Cap. 3600 No. 30 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 8:39A M
Tool Open I.F.P. From 8:41A M to 8:46 M Hr. 5 Min. From (B) 21 P.S.I. To (C) 21 P.S.I.
Tool Closed I.C.I.P. From 8:46 M. to 9:16 M. Hr. 30 Min. (D) 779 P.S.I.
Tool Open F.F.P. From 9:16A M. to 10:16 M. 1 Hr. Min. From (E) 34 P.S.I. To (F) 38 P.S.I.
Tool Closed F.C.I.P. From 10:16A M. to 10:46 M. Hr. 30 Min. (G) 264 P.S.I.
Initial Hydrostatic Pressure (A) 2359 P.S.I. Final Hydrostatic Pressure (H) 2339 P.S.I.

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

BLOW Very weak five minutes. Bottom Choke Size 3/4 in.
Did Well Flow _____ Yes No Recovery Total Ft. 10' mud with spots oil

Reversed Out _____ Yes No Mud Type starch Viscosity 43 Weight 9.9 /WL 9.6 Maximum Temp. 114 °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 3579 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 780 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 Flushed tool after thirty minutes.

WESTERN TESTING CO., INC.

Pressure Data

Date January 5, 1965

Test Ticket No. 5527

Recorder No. 1567 Capacity 4300 Location 4384 Ft.

Clock No. 4763 Elevation 2256 Derrick Floor Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2359</u> P.S.I.	Opened Tool	<u>8:39A</u> M	
B First Initial Flow Pressure	<u>21</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>21</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>29</u> Mins.
D Initial Closed-in Pressure	<u>779</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>34</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>38</u> P.S.I.			
G Final Closed-in Pressure	<u>264</u> P.S.I.			
H Final Hydrostatic Mud	<u>2339</u> P.S.I.			

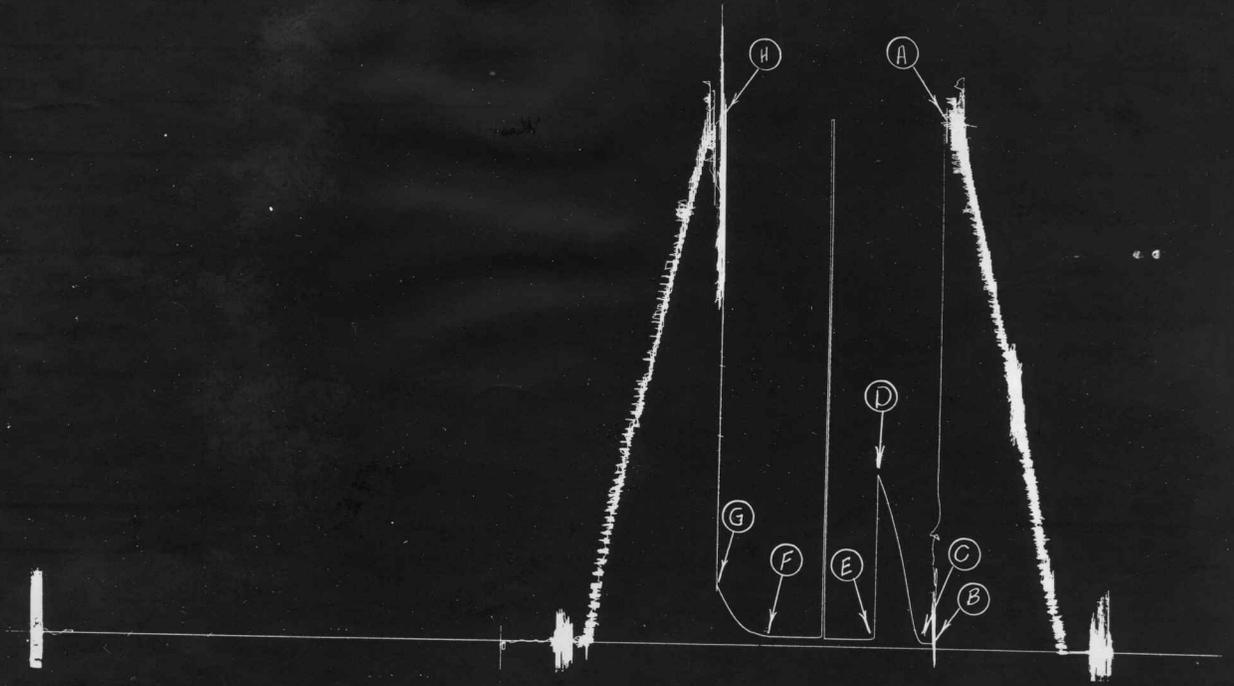
PRESSURE BREAKDOWN

<p>First Flow Press.</p> <p>Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.</p>	<p>Initial Shut-In</p> <p>Breakdown: <u>9</u> Inc. of <u>3</u> mins. and a final inc. of <u>2</u> Min.</p>	<p>Second Flow Pressure</p> <p>Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.</p>	<p>Final Shut-In</p> <p>Breakdown: <u>11</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.</p>
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>21</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>34</u>	<u>0</u>	<u>38</u>
P 2 <u>5</u>	<u>21</u>	<u>3</u>	<u>47</u>	<u>5</u>	<u>34</u>	<u>3</u>	<u>39</u>
P 3		<u>6</u>	<u>110</u>	<u>10</u>	<u>34</u>	<u>6</u>	<u>43</u>
P 4		<u>9</u>	<u>231</u>	<u>15</u>	<u>34</u>	<u>9</u>	<u>49</u>
P 5		<u>12</u>	<u>348</u>	<u>20</u>	<u>34</u>	<u>12</u>	<u>56</u>
P 6		<u>15</u>	<u>454</u>	<u>25</u>	<u>34</u>	<u>15</u>	<u>66</u>
P 7		<u>18</u>	<u>536</u>	<u>30</u>	<u>34</u>	<u>18</u>	<u>84</u>
P 8		<u>21</u>	<u>624</u>	<u>35</u>	<u>38</u>	<u>21</u>	<u>103</u>
P 9		<u>24</u>	<u>695</u>	<u>40</u>	<u>38</u>	<u>24</u>	<u>142</u>
P10		<u>27</u>	<u>753</u>	<u>45</u>	<u>38</u>	<u>27</u>	<u>181</u>
P11		<u>29</u>	<u>779</u>	<u>50</u>	<u>38</u>	<u>30</u>	<u>220</u>
P12				<u>55</u>	<u>38</u>	<u>33</u>	<u>264</u>
P13				<u>60</u>	<u>38</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Pickrell Drlg. Co.
Sears # 1

Test # 2
TKT# 5527





Home Office: Great Bend, Kansas

P. O. Box 793 Gladstone 3-7903

Pickrell Drilling Company

Sears #1

Company _____ Lease & Well No. _____
 Elevation 2256 Derrick Floor; Formation=Miss. Ticket Number 5528
 Date January 5, 1965 Sec. 6 Twp. 20 Range 21 County Ness State Kansas
 Test Approved by George E. Link Western Representative Jack Toelkes

Formation Test No. 3 O.K. Misrun _____ Interval Tested From 4390' to 4395' Total Depth 4395'
 Size Main Hole _____ Rat Hole _____ Conv. _____ B.T. Damaged Yes No Conv. _____ B.T. Damaged Yes No
 Packer Depth 4385 Ft. Size 6 3/4 Packer Depth 4390 Ft. Size 6 3/4
 Straddle _____ Yes _____ No _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
 Tool Size 5 1/2 OD Tool Jt. Size _____ Anchor Length _____ Ft. Size 5 1/2 OD

RECORDERS Depth 4375 AP. Ft. Clock No. 4763 Depth 4392 Ft. Clock No. 147
 Top Make Amerada Cap. 4382 No. 1567 Inside Outside Bottom Make Western Cap. 3600 No. 30 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 8:24P
 Tool Open I.F.P. From 8:26 M. to 8:31 M. Hr. 5 Min. From (B) 10 P.S.I. To (C) 10 P.S.I.
 Tool Closed I.C.I.P. From 8:31 M. to 9:01 M. Hr. 30 Min. (D) 1361 P.S.I.
 Tool Open F.F.P. From 9:01P M. to 10:01P M. Hr. 1 Min. From (E) 15 P.S.I. To (F) 20 P.S.I.
 Tool Closed F.C.I.P. From 10:01 M. to 10:31P M. Hr. 30 Min. (G) 1361 P.S.I.
 Initial Hydrostatic Pressure (A) 2339 P.S.I. Final Hydrostatic Pressure (H) 2310 P.S.I.

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

BLOW Very weak ten minutes. Bottom Choke Size 3/4 In.
 Did Well Flow Yes No Recovery Total Ft. 25' slightly ; oil cut mud

Reversed Out Yes No Mud Type starch Viscosity 47 Weight 10 / WL 9.6 Maximum Temp. 116 *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 3585 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 780 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
 I. D. Drill Collars _____ in. Length D. S. T. Tool _____ ft.

Remarks Flushed tool after thirty minutes.

WESTERN TESTING CO., INC.

Pressure Data

Date January 5, 1965

Recorder No. 1567

Capacity 4300

Test Ticket No. 5528

Clock No. 4763

Elevation 2256 Derrick Floor

Location 4373 AP. Ft.

Well Temperature 116 °F

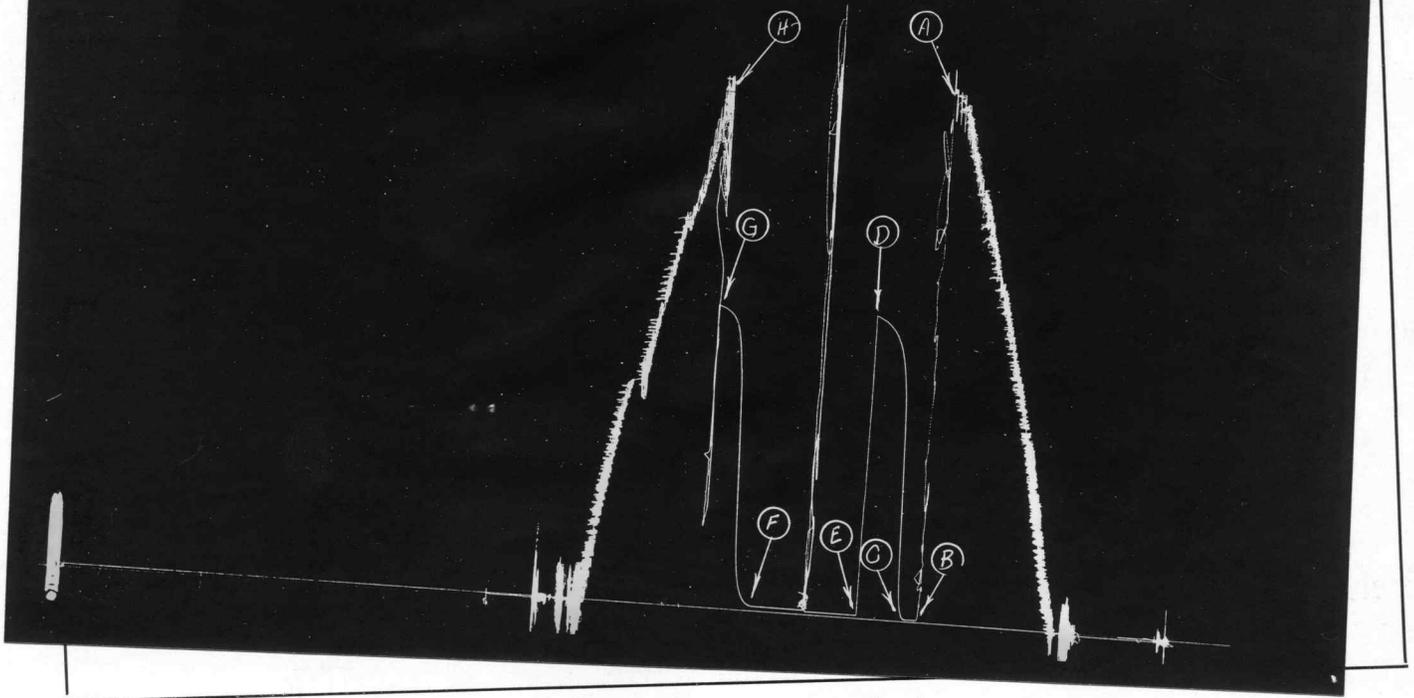
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2339</u> P.S.I.	Opened Tool	<u>8:24 P</u>	<u>M</u>
B First Initial Flow Pressure	<u>10</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>10</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1361</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>15</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>20</u> P.S.I.			
G Final Closed-in Pressure	<u>1361</u> P.S.I.			
H Final Hydrostatic Mud	<u>2310</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>12</u> Inc.		Breakdown: <u>11</u> Inc.	
of <u>5</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>10</u>	<u>0</u>	<u>10</u>	<u>0</u>	<u>15</u>	<u>0</u>	<u>20</u>
P 2 <u>5</u>	<u>10</u>	<u>3</u>	<u>79</u>	<u>5</u>	<u>15</u>	<u>3</u>	<u>32</u>
P 3		<u>6</u>	<u>536</u>	<u>10</u>	<u>15</u>	<u>6</u>	<u>56</u>
P 4		<u>9</u>	<u>904</u>	<u>15</u>	<u>15</u>	<u>9</u>	<u>136</u>
P 5		<u>12</u>	<u>1136</u>	<u>20</u>	<u>15</u>	<u>12</u>	<u>406</u>
P 6		<u>15</u>	<u>1242</u>	<u>25</u>	<u>15</u>	<u>15</u>	<u>751</u>
P 7		<u>18</u>	<u>1290</u>	<u>30</u>	<u>15</u>	<u>18</u>	<u>1148</u>
P 8		<u>21</u>	<u>1318</u>	<u>35</u>	<u>20</u>	<u>21</u>	<u>1277</u>
P 9		<u>24</u>	<u>1338</u>	<u>40</u>	<u>20</u>	<u>24</u>	<u>1327</u>
P10		<u>27</u>	<u>1350</u>	<u>45</u>	<u>20</u>	<u>27</u>	<u>1344</u>
P11		<u>30</u>	<u>1361</u>	<u>50</u>	<u>20</u>	<u>30</u>	<u>1355</u>
P12				<u>55</u>	<u>20</u>	<u>33</u>	<u>1361</u>
P13				<u>60</u>	<u>20</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Pickrell Drilling Co.
Sears #1

Test #3
TKT#5528



This is an actual photograph of recorder chart.

POINT	PRESSURE	PSI
(A) Initial Hydrostatic Mud	2339	PSI
(B) First Initial Flow Pressure	10	PSI
(C) First Final Flow Pressure	10	PSI
(D) Initial Closed-in Pressure	1361	PSI
(E) Second Initial Flow Pressure	15	PSI
(F) Second Final Flow Pressure	20	PSI
(G) Final Closed-in Pressure	1361	PSI
(H) Final Hydrostatic Mud	2310	PSI



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

Company Pickrell Drilling Company Lease & Well No. Sears #1
 Elevation 2256 Derrick Floor; Formation- Miss. Ticket Number 5529
 Date January 6, 1965 Sec. 6 Twp. 20 Range 21 County Ness State Kansas
 Test Approved by George E. Link Western Representative Jack Toelkes

Formation Test No. 4 O.K. Misrun Interval Tested From 4395' to 4400' Total Depth 4400'
 Size Main Hole 7 7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Packer Depth 4390 Ft. Size 63/4 Packer Depth 4395 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 5 Ft. Size 5 1/2 OD

RECORDERS Depth 4387 Ft. Clock No. 4763 Depth 4397 Ft. Clock No. 147
 Top Make Amerada Cap. 4382 No. 1567 Inside Outside Bottom Make Western Cap. 3600 No. 30 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 7:53A M
 Tool Open I.F.P. From 7:55 M to 8:00 M Hr. 5 Min. From (B) 32 P.S.I. To (C) 110 P.S.I.
 Tool Closed I.C.I.P. From 8:00 M. to 8:30 M. Hr. 30 Min. (D) 1386 P.S.I.
 Tool Open F.F.P. From 8:30A M. to 10:00 M. 1 Hr. 30 Min. From (E) 125 P.S.I. To (F) 876 P.S.I.
 Tool Closed F.C.I.P. From 10:00A M. to 10:30 M. Hr. 30 Min. (G) 1386 P.S.I.
 Initial Hydrostatic Pressure (A) 2317 P.S.I. Final Hydrostatic Pressure (H) 2304 P.S.I.

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

 38 Gravity corrected

BLOW Strong throughout test. Bottom Choke Size 1/4 in.
 Did Well Flow Yes No Recovery Total Ft. 200 gas in pipe : 2294' clean oil; 186' muddy ~~gas~~ oil

Reversed Out Yes No Mud Type starch Viscosity 47 Weight 10 /WL 11 Maximum Temp. 127 °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 3590 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 780 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
Tool slid 4' to bottom.

WESTERN TESTING CO., INC.
Pressure Data

Date January 6, 1965

Test Ticket No. 5529

Recorder No. 1567 Capacity 4300 Location 4387 Ft.

Clock No. 4763 Elevation 2256 Derrick Floor Well Temperature 127 °F

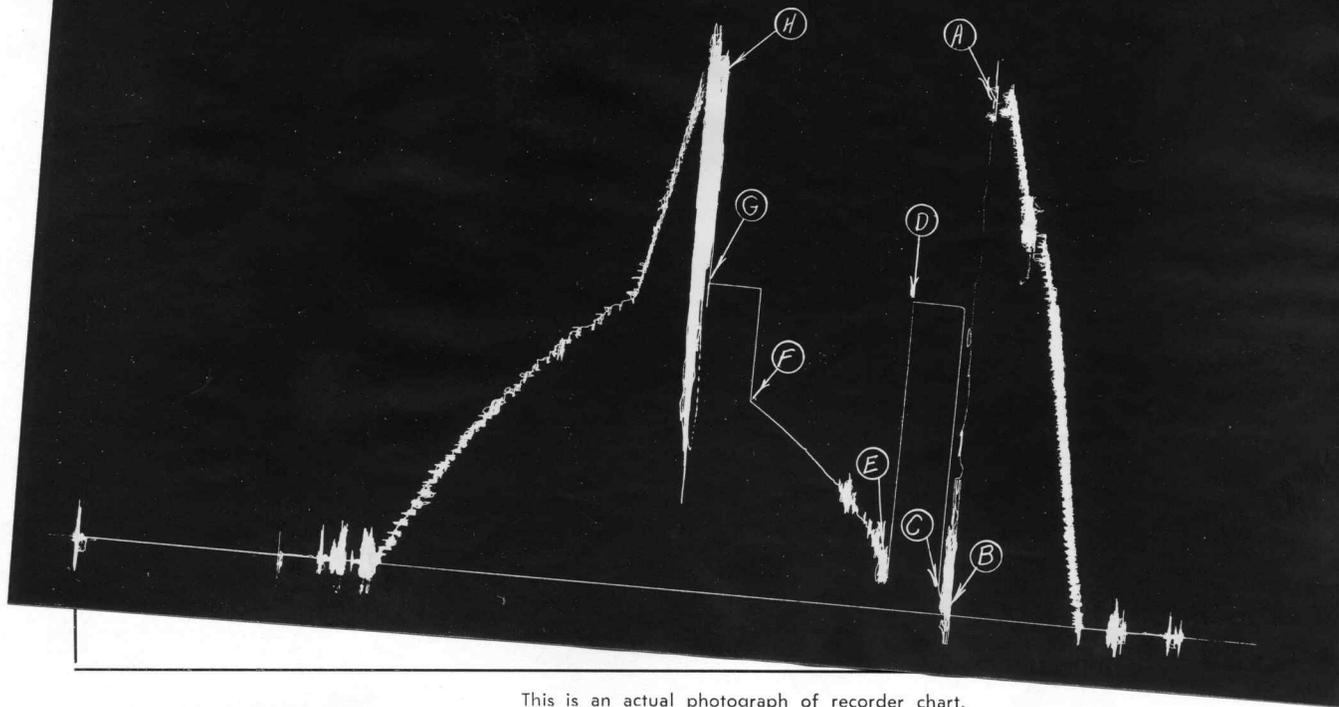
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2317</u> P.S.I.	Opened Tool	<u>7:53A</u> M	
B First Initial Flow Pressure	<u>32</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>110</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>32</u> Mins.
D Initial Closed-in Pressure	<u>1386</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>125</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>876</u> P.S.I.			
G Final Closed-in Pressure	<u>1386</u> P.S.I.			
H Final Hydrostatic Mud	<u>2304</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>0</u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>2</u> Min.	Breakdown: <u>18</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 0	<u>32</u>	<u>0</u>	<u>110</u>	<u>0</u>	<u>125</u>	<u>0</u>	<u>876</u>
P 2	<u>110</u>	<u>3</u>	<u>1381</u>	<u>5</u>	<u>207</u>	<u>3</u>	<u>1383</u>
P 3		<u>6</u>	<u>1385</u>	<u>10</u>	<u>311</u>	<u>6</u>	<u>1386</u>
P 4		<u>9</u>	<u>1386</u>	<u>15</u>	<u>363</u>	<u>9</u>	<u>1386</u>
P 5		<u>12</u>	<u>1386</u>	<u>20</u>	<u>400</u>	<u>12</u>	<u>1386</u>
P 6		<u>15</u>	<u>1386</u>	<u>25</u>	<u>465</u>	<u>15</u>	<u>1386</u>
P 7		<u>18</u>	<u>1386</u>	<u>30</u>	<u>500</u>	<u>18</u>	<u>1386</u>
P 8		<u>21</u>	<u>1386</u>	<u>35</u>	<u>541</u>	<u>21</u>	<u>1386</u>
P 9		<u>24</u>	<u>1386</u>	<u>40</u>	<u>568</u>	<u>24</u>	<u>1386</u>
P10		<u>27</u>	<u>1386</u>	<u>45</u>	<u>603</u>	<u>27</u>	<u>1386</u>
P11		<u>30</u>	<u>1386</u>	<u>50</u>	<u>639</u>	<u>30</u>	<u>1386</u>
P12		<u>32</u>	<u>1386</u>	<u>55</u>	<u>676</u>		
P13				<u>60</u>	<u>702</u>		
P14				<u>65</u>	<u>732</u>		
P15				<u>70</u>	<u>764</u>		
P16				<u>75</u>	<u>792</u>		
P17				<u>80</u>	<u>818</u>		
P18				<u>85</u>	<u>844</u>		
P19				<u>90</u>	<u>876</u>		
P20							

Dickrell Drilg. Co.
Seays #1

TEST # 4
TKT#5529



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud	2317	PSI
(B) First Initial Flow Pressure	32	PSI
(C) First Final Flow Pressure	110	PSI
(D) Initial Closed-in Pressure	1386	PSI
(E) Second Initial Flow Pressure	125	PSI
(F) Second Final Flow Pressure	876	PSI
(G) Final Closed-in Pressure	1386	PSI
(H) Final Hydrostatic Mud	2304	PSI