



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET 22115

P. O. BOX 793 PHONE 793-7903

GREAT BEND, KANSAS

Formation Morrow Elevation 2213.5 Eff. Pay _____ Ft.

District Great Bend Date 2-25-76 Customer Order No. _____
COMPANY NAME Pickrell Drilling Company 10 N. Market Atlin
ADDRESS 705 4th St Bldg Wichita Kansas 67202 Bldg Suite 203
LEASE AND WELL NO. Scat #3-D COUNTY Clark STATE Ks Sec. 31 Twp. 30S Rge. 21W
Mail Inv. To Same As Above No. Copies Requested 45401
Co. Name _____ Address _____
Mail Charts To 11 " " No. Copies Requested 45401
Address _____

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 5159' to 5178' Total Depth 5178'
Size Main Hole 7 7/8 Rat Hole _____ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No
Top Packer Depth 5154 Ft. Size 6 3/4 Bottom Packer Depth 5159 Ft. Size 6 3/4
Straddle _____ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth _____ Ft. Size _____
Tool Size 5 3/8 Pool Joint Size 4 1/2 FH Anchor Length 19 Ft. Size 5 1/2 Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 5170 Ft. Clock No. 8475 Inside
Top Make Kuster Cap. 4150 No. 2606 Inside
Bottom Make Kuster Cap. 4000 No. 3351 Outside
Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Inside
Depth _____ Ft. Rec. No. _____ Clock No. _____ Outside

Time Set Packer 3:36 P M
Tool Open I.F.P. From 3:40 P M to 4:10 P M - Hr. 30 Min. From (B) 1074 P.S.I. To (C) 1688 P.S.I.
Tool Closed I.C.I.P. From 4:10 P M to 4:45 P M - Hr. 35 Min. (D) 1747 P.S.I.
Tool Open F.F.P. From 4:45 P M to 5:20 P M - Hr. 35 Min. From (E) 1674 P.S.I. To (F) 1695 P.S.I.
Tool Closed F.C.I.P. From 5:20 P M to 5:54 P M - Hr. 34 Min. (G) 1737 P.S.I.
Initial Hydrostatic Pressure (A) 2712 P.S.I. Final Hydrostatic Pressure (H) 2691 P.S.I. Maximum Temp. 120

INFORMATION

BLOW Strong Gas Surf. 2 min. See Att. Sheet
Strong blow throughout test gas to surface in 2 min
Did Well Flow Yes No _____ Recovery Total Ft. 120 Gas Cut Mud Below Circ. 546
ulating.

Reversed Out ☒ Yes ☐ No Mud Type starch Viscosity 50 Weight 10.1 Water Loss 14 cc. Chlorides 72,000 ppm
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint _____ Jars: Size 4 3/4 In. Make W.T.C. Ser. No. 410
Dual Packers Yes Did Packers Hold? Yes Did Tool Plug? NO Where? _____
DRILLING CONTRACTOR Pickrell Rig #1 Length Drill Pipe 5006 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 In.
Length Weight Pipe _____ ft. I.D. Weight Pipe _____ In. Tool Joint Size _____ In. Length Drill Collars 123 ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size 4 1/2 In. Length D.S.T. Tool 49 ft.

Remarks Break handling joint off and Rev. Out
To Eliminate Fire Hazard. See attached
Sheet for gas measurements

INVOICE SECTION

Open Hole Test \$ 400.00
Straddle Test \$ _____
Jars \$ 165.00
Selective Zone \$ _____
Safety Joint \$ _____
Misrun \$ _____
Evaluation \$ _____
Packer \$ _____
Circ. Sub. \$ 25.00
Total \$ 590.00

COMPANY TERMS

Western Testing Co., Inc., shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Brad Pine
Signature of Customer or his
Authorized Representative

Western Representative Mac Kripe
Operator's Time Thank You Hrs.

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 2-25-76 Ticket 22115 Company Pickrell Drilling Company
Well Name and No. Seacat #3-D Dst No. 1 Interval Tested 5159'-5178'
County Clark State Kansas Sec. 31 Twp. 30S Rg. 21W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
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PRE FLOW

3:50 P.M.	8 min	2" choke	50 PSIG			6,160,000 C.F.P.D.
4:05 P.M.	23 min	2" choke	50 PSIG			6,160,000 C.F.P.D.
1080 lbs behind choke on floor manifold.						
Gaso to surface in 2 minutes. Well opened at 3:40 P.M.						
in pre-flow period. 1080						

SECOND FLOW

4:55 P.M.	10 min	2" choke	50 PSIG			6,160,000 C.F.P.D.
5:10 P.M.	25 min	2" choke	50 PSIG			6,160,000 C.F.P.D.
1080 lbs behind choke on floor manifold						
Well opened at 4:45 P.M. in second flow. All measurements were taken with a 2" merla orifice well tester with a 2" choke.						

GAS BOTTLE

Serial No. 605 Date Bottle Filled 2-25-76 Date to be Invoiced 2-25-76

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Pickrell Drilling Company
Authorized by Brad Rine

WESTERN TESTING CO., INC.

Pressure Data

Date 2-25-76 Test Ticket No. 22115
 Recorder No. 2606 Capacity 4150 Location 5170 P
 Clock No. 8475 Elevation 221343 Well Temperature 120 °

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2762</u> P.S.I.	Open Tool	<u>3:36 P</u> M	
B First Initial Flow Pressure	<u>1674</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Min
C First Final Flow Pressure	<u>1688</u> P.S.I.	Initial Closed-in Pressure	<u>35</u> Mins.	<u>33</u> Min
D Initial Closed-in Pressure	<u>1751</u> P.S.I.	Second Flow Pressure	<u>35</u> Mins.	<u>30</u> Min
E Second Initial Flow Pressure	<u>1681</u> P.S.I.	Final Closed-in Pressure	<u>34</u> Mins.	<u>33</u> Min
F Second Final Flow Pressure	<u>1692</u> P.S.I.			
G Final Closed-in Pressure	<u>1747</u> P.S.I.			
H Final Hydrostatic Mud	<u>2698</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>6</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>1674</u>	<u>0</u>	<u>1688</u>	<u>0</u>	<u>1681</u>	<u>0</u>	<u>1692</u>
P 2 <u>5</u>	<u>1660</u>	<u>3</u>	<u>1734</u>	<u>5</u>	<u>1674</u>	<u>3</u>	<u>1730</u>
P 3 <u>10</u>	<u>1668</u>	<u>6</u>	<u>1744</u>	<u>10</u>	<u>1675</u>	<u>6</u>	<u>1738</u>
P 4 <u>15</u>	<u>1683</u>	<u>9</u>	<u>1748</u>	<u>15</u>	<u>1684</u>	<u>9</u>	<u>1743</u>
P 5 <u>20</u>	<u>1687</u>	<u>12</u>	<u>1749</u>	<u>20</u>	<u>1691</u>	<u>12</u>	<u>1745</u>
P 6 <u>25</u>	<u>1688</u>	<u>15</u>	<u>1749</u>	<u>25</u>	<u>1692</u>	<u>15</u>	<u>1746</u>
P 7 <u>30</u>	<u>1688</u>	<u>18</u>	<u>1750</u>	<u>30</u>	<u>1692</u>	<u>18</u>	<u>1746</u>
P 8 <u>35</u>		<u>21</u>	<u>1750</u>	<u>35</u>		<u>21</u>	<u>1746</u>
P 9 <u>40</u>		<u>24</u>	<u>1750</u>	<u>40</u>		<u>24</u>	<u>1746</u>
P10 <u>45</u>		<u>27</u>	<u>1751</u>	<u>45</u>		<u>27</u>	<u>1747</u>
P11 <u>50</u>		<u>30</u>	<u>1751</u>	<u>50</u>		<u>30</u>	<u>1747</u>
P12 <u>55</u>		<u>33</u>	<u>1751</u>	<u>55</u>		<u>33</u>	<u>1747</u>
P13 <u>60</u>		<u>36</u>		<u>60</u>		<u>36</u>	
P14		<u>39</u>		<u>65</u>		<u>39</u>	
P15		<u>42</u>		<u>70</u>		<u>42</u>	
P16		<u>45</u>		<u>75</u>		<u>45</u>	
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Pickrell Drilling Company Lease & Well No. Seacat #3-D
Elevation 2213 Kelly Bushing Morrow Formation Morrow Effective Pay - Ft. Ticket No. 22115
Date 2-25-76 Sec. 31 Twp. 30S Range 21W County Clark State Kansas
Test Approved by Brad Rine Western Representative Max Knipe
Formation Test No. 1 O.K. X Misrun - Interval Tested From 5159' to 5178' Total Depth 5178'
Size Main Hole 77/8 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. - B.T. X Damaged - Yes X No
Top Packer Depth 5154 Ft. Size 6 3/4 Bottom Packer Depth 5159 Ft. Size 6 3/4
Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 19 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 5170 Ft. Clock No. 8475 Depth 5173 Ft. Clock No. 6799
Top Make Kuster Cap. 4150 No. 2606 Inside Outside Bottom Make Kuster Cap. 4000 No. 3351 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 3:36 P M
Tool Open I.F.P. From 3:40P M. to 4:10P M. - Hr. 30 Min. From (B) 1674 P.S.I. To (C) 1688 P.S.I.
Tool Closed I.C.I.P. From 4:10P M. to 4:45P M. - Hr. 35 Min (D) 1751 P.S.I.
Tool Open F.F.P. From 4:45P M. to 5:20P M. - Hr. 35 Min. From (E) 1681 P.S.I. To (F) 1692 P.S.I.
Tool Closed F.C.I.P. From 5:20P M. to 5:54P M. - Hr. 34 Min. (G) 1747 P.S.I.
Initial Hydrostatic Pressure (A) 2762 P.S.I. Final Hydrostatic Pressure (H) 2698 P.S.I. Maximum Temp. 120

INFORMATION

BLOW Strong blow throughout test/ gas to surface in 2 minutes.

Did Well Flow X Yes - No Recovery Total Ft. 120' gas cut mud below circulating sub.

Reversed Out X Yes - No Mud Type starch Viscosity 50 Weight 10.1 Water Loss 14 cc. Chlorides 72,000 P.P.M.
EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint - Jars: Size 4 3/4 OD In. Make WTC Ser. No. 410
Dual Packer yes Did Packers Hold? yes Did Tool Plug? no Where? -

DRILLING CONTRACTOR Pickrell Drlg. Co. Length Drill Pipe 5006 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 123 Ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size 4 1/2 H-90 In. Length D.S.T. Tool 49 Ft.

Remarks: Broke landing joint off and reversed out to eliminate fire hazard. See attached sheet for gas measurements.

WESTERN TESTING CO., INC.

Pressure Data

Date 2-25-76 Test Ticket No. 22115
 Recorder No. 2606 Capacity 4150 Location 5170 Ft.
 Clock No. 8475 Elevation 2213 Kelly Bushing Well Temperature 120 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	2762 P.S.I.		3:36 P. M.	
B First Initial Flow Pressure	1674 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	1688 P.S.I.	Initial Closed-in Pressure	30 Mins.	33 Mins.
D Initial Closed-in Pressure	1751 P.S.I.	Second Flow Pressure	35 Mins.	30 Mins.
E Second Initial Flow Pressure	1681 P.S.I.	Final Closed-in Pressure	34 Mins.	33 Mins.
F Second Final Flow Pressure	1692 P.S.I.			
G Final Closed-in Pressure	1747 P.S.I.			
H Final Hydrostatic Mud	2698 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>6</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>	1674	<u>0</u>	1688	<u>0</u>	1681	<u>0</u>	1692
P 2 <u>5</u>	1660	<u>3</u>	1734	<u>5</u>	1674	<u>3</u>	1730
P 3 <u>10</u>	1668	<u>6</u>	1744	<u>10</u>	1675	<u>6</u>	1738
P 4 <u>15</u>	1683	<u>9</u>	1748	<u>15</u>	1684	<u>9</u>	1743
P 5 <u>20</u>	1687	<u>12</u>	1749	<u>20</u>	1691	<u>12</u>	1745
P 6 <u>25</u>	1688	<u>15</u>	1749	<u>25</u>	1692	<u>15</u>	1746
P 7 <u>30</u>	1688	<u>18</u>	1750	<u>30</u>	1692	<u>18</u>	1746
P 8		<u>21</u>	1750			<u>21</u>	1746
P 9		<u>24</u>	1751			<u>24</u>	1746
P10		<u>27</u>	1751			<u>27</u>	1747
P11		<u>30</u>	1751			<u>30</u>	1747
P12		<u>33</u>	1751			<u>33</u>	1747
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Nº 337

Date 2-25-76 Ticket 22115 Company Pickrell Drlg
Well Name and No. Seacat # 3-D Dst No. 1 Interval Tested 5159-5178
County Clark State Ks Sec. 31 Twp. 30 Rg. 21W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side-Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
Tool open 3:40 - Gas surf 3:42						
3:50	8			50 ⁴⁵		6,160.000 G.F.P.D.
4:05	23			50 ¹		6,160.000
						1080 ⁴⁵ Behind choke ON Floor Manifold
SECOND FLOW						
Tool opened at 4:45						
4:55	10			50 ⁴⁵		6,160.000 G.F.P.D.
5:10	25			50 ⁴⁵		6,160.000
						1080 ⁴⁵ Behind choke ON Floor Manifold

GAS BOTTLE

Serial No. 605 Date Bottle Filled 2-25-76 Date to be Invoiced 2-25-76

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

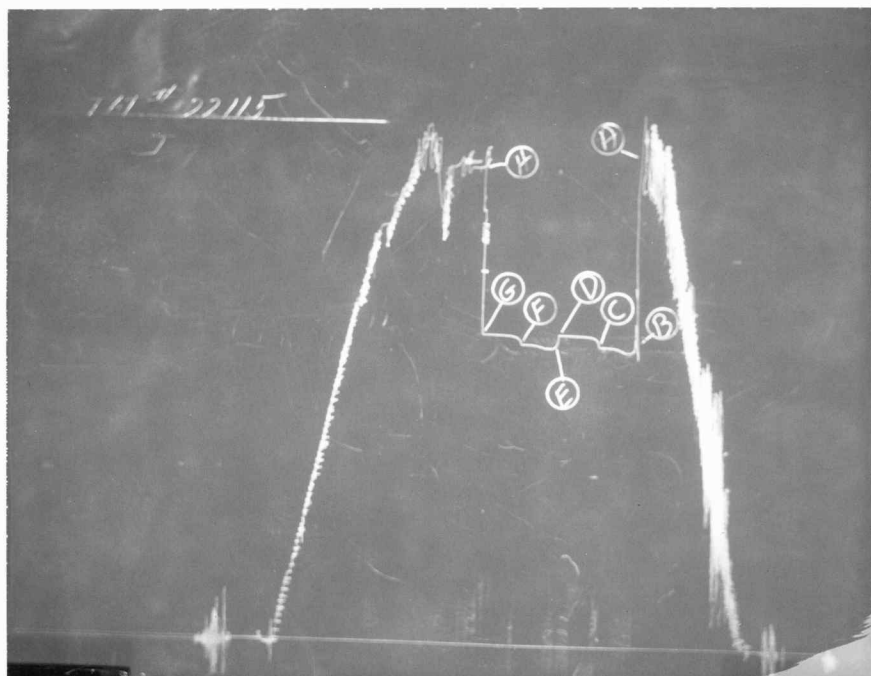
All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Pickrell Drlg Co

Authorized by Brad Pine

Western Rep. Mayhew

6,160.000
1080⁴⁵





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET 22117

P. O. BOX 793 PHONE 793-7903

GREAT BEND, KANSAS

Formation Miss Elevation 2213 K.B Eff. Pay _____ Ft.

District Great Bend Date 2-26-76 Customer Order No. _____
COMPANY NAME Pickrell Drilling Company Address 1101
ADDRESS 705 4th Nat Bldg Wichita Ks 67202
LEASE AND WELL NO. Seacat #3-0 COUNTY Clark STATE Ks Sec. 31 Twp. 30 Rge. 21
Mail Inv. To Same Co. Name As Above Address _____ No. Copies Requested Usual
Mail Charts To " Address _____ No. Copies Requested Usual

Formation Test No. 2 O.K. — Misrun ✓ Interval Tested From 5183 to 5240 Total Depth 5240
Size Main Hole 7 1/2 Rat Hole — Conv. — B.T. — Damaged — Yes — No Conv. — B.T. — Damaged — Yes — No
Top Packer Depth 5178 Ft. Size 6 3/4 Bottom Packer Depth 5183 Ft. Size 6 3/4
Straddle — Conv. — B.T. — Damaged — Yes — No Packer Depth — Ft. Size —
Tool Size 5 3/8 Tool Joint Size 4 1/2 FH Anchor Length 57 Ft. Size 6 5/8 Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 5232 Ft. Clock No. 8475 Depth 5235 Ft. Clock No. 6799
Top Make Kuster Cap. 4150 No. 2606 Inside — Bottom Make Kuster Cap. 4000 No. 3351 Inside —
Below Straddle: Depth — Rec. No. — Clock No. — Outside — Depth — Ft. Rec. No. — Clock No. — Outside —

Time Set Packer 7:21 P M
Tool Open I.F.P. From 7:25 M. to 9:55 M. Hr. 30 Min. From (B) _____ P.S.I. To (C) _____ P.S.I.
Tool Closed I.C.I.P. From 7:55 M. to 8:25 M. Hr. 30 Min. (D) _____ P.S.I.
Tool Open F.F.P. From 8:25 M. to 8:35 M. Hr. 10 Min. From (E) _____ P.S.I. To (F) _____ P.S.I.
Tool Closed F.C.I.P. From _____ M. to _____ M. Hr. _____ Min. (G) _____ P.S.I.
Initial Hydrostatic Pressure (A) 2771 P.S.I. Final Hydrostatic Pressure (H) 2744 P.S.I. Maximum Temp. _____

INFORMATION
BLOW Fair 3" Blow Decreasing, and Died in 25 minutes on PreFlow
Did Well Flow. Yes ✓ No — Recovery Total Ft. 10' Mud

Reversed Out. Yes ✓ No — Mud Type Starch Viscosity 53 Weight 9.8 Water Loss 12 cc. Chlorides 57000 ppm
EXTRA EQUIPMENT: Type Circ. Sub. PIN Safety Joint _____ Jars: Size 4 3/4 In. Make W.T.C. Ser. No. 410
Dual Packers Yes Did Packers Hold? Yes Did Tool Plug? Yes Where? _____
DRILLING CONTRACTOR Pickrell Drilling Co. Length Drill Pipe 5001 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 In.
Length Weight Pipe 4 1/2 ft. I.D. Weight Pipe 90 In. Tool Joint Size — In. Length Drill Collars 154 ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size 4 1/2 In. Length D.S.T. Tool 85 ft. Including 31' D.C. in Anchor

INVOICE SECTION	
Open Hole Test	\$ _____
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Misrun	\$ <u>150.00</u>
Evaluation	\$ _____
Packer	\$ _____
Circ. Sub.	\$ _____
Total	\$ <u>150.00</u>

COMPANY TERMS
Western Testing Co., Inc., shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.
All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.
Test Approved By Brad Pime Western Representative Max Krize
Signature of Customer or his Authorized Representative Operator's Time Dempsey Bryant Hrs.

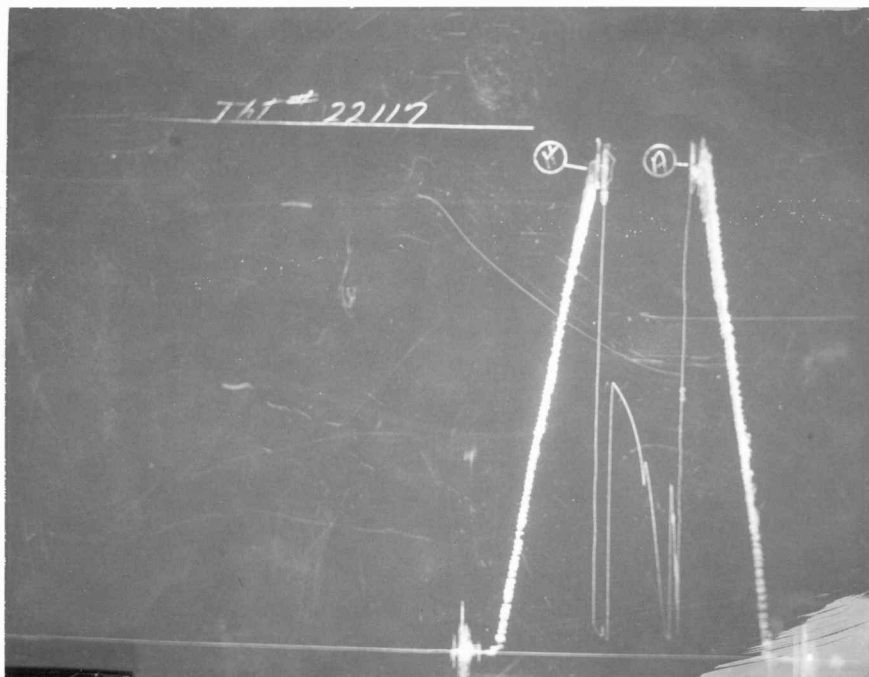


Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Pickrell Drilling Company Lease & Well No. Seacat #3-D
Elevation 2213 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 22117
Date 2-26-76 Sec. 31 Twp. 30S Range 21W County Clark State Kansas
Test Approved by Brad Rine Western Representative Max Knife
Formation Test No. 2 O.K. - Misrun X Interval Tested From 5183' to 5240' Total Depth 5240'
Size Main Hole 77/8 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. - B.T. X Damaged - Yes X No
Top Packer Depth 5178 Ft. Size 6 3/4 Bottom Packer Depth 5183 Ft. Size 6 3/4
Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 57 Ft. Size 6 D.C. 5 1/2 Perf Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 5232 Ft. Clock No. 8475 Depth 5235 Ft. Clock No. 6799
Top Make Kuster Cap. 4150 No. 2606 Inside Bottom Make Kuster Cap. 4000 No. 3351 Inside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Depth - Ft. Rec. No. - Clock No. - Inside
Time Set Packer 7:21 P. M
Tool Open I.F.P. From 7:25P M. to 7:55P M. - Hr. 30 Min. From (B) - P.S.I. To (C) - P.S.I.
Tool Closed I.C.I.P. From 7:55P M. to 8:25P M. - Hr. 30 Min (D) - P.S.I.
Tool Open F.F.P. From 8:25P M. to 8:35P M. - Hr. 10 Min. From (E) - P.S.I. To (F) - P.S.I.
Tool Closed F.C.I.P. From - M. to - M. - Hr. - Min. (G) - P.S.I.
Initial Hydrostatic Pressure (A) 2771 P.S.I. Final Hydrostatic Pressure (H) 2744 P.S.I. Maximum Temp. -

INFORMATION

BLOW Fair 3" blow decreasing, died in 25 minutes on pre-flow.
Did Well Flow - Yes X No Recovery Total Ft. 10' mud.
Reversed Out - Yes X No Mud Type starch Viscosity 53 Weight 9.8 Water Loss 12 cc. Chlorides 57,000 P.P.M.
EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint - Jars: Size 3/4 In. Make WTC Ser. No. 410
Dual Packer yes Did Packers Hold? yes Did Tool Plug? yes Where? -
DRILLING CONTRACTOR Pickrell Drlg. Co. Length Drill Pipe? 5001 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 154 Ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size 4 1/2 In. Length D.S.T. Tool 85 Ft. including 31' D.C. in anchor.
Remarks:





P. O. BOX 793 PHONE 793-7903

GREAT BEND, KANSAS

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

22118

Formation MISS Elevation 2213 KB Eff. Pay _____ Ft.

District GREAT BEND

Date 9-27-76

Customer Order No. _____

COMPANY NAME Pickrell Drilling Co. Drilling Company, Aitkin Bldg. 110R.

ADDRESS 7054th. Nat. Bk Bldg. W. Wichita Ks. 67205 Market Suite 205

LEASE AND WELL NO. SEACATT #3-D COUNTY CLARK STATE KS. Sec. 31 Twp. 30S Rge. 21W

Mail Inv. To SAME AS ABOVE No. Copies Requested Usual

Co. Name

Address

Mail Charts To _____ No. Copies Requested Usual

Address

Formation Test No. 3 O.K. ☒ Misrun ☒ Interval Tested From 5183' to 5240' Total Depth 5240'

Size Main Hole 7 3/8 Rat Hole _____ Conv. ☒ B.T. ☒ Damaged Yes _____ No Conv. B.T. ☒ Damaged Yes _____ No

Top Packer Depth 5178 Ft. Size 6 3/4 Bottom Packer Depth 5183 Ft. Size 6 3/4

Straddle _____ Conv. ☒ B.T. ☒ Damaged Yes _____ No Packer Depth _____ Ft. Size _____

Tool Size 53 OD Tool Joint Size 4 1/2 FH Anchor Length 57 Ft. Size 31 OD 26 FT Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 5195 Ft. Clock No. 8475 Depth 5198 Ft. Clock No. 6799

Top Make KUSTER Cap. 4150 No. 2606 Inside _____ Outside _____ Bottom Make KUSTER Cap. 4,000 No. 3351 Inside _____ Outside _____

Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Inside _____ Outside _____

Time Set Packer 8:22 A.M.

Tool Open I.F.P. From 8:25 M. to 8:55 M. _____ Hr. 30 Min. From (B) _____ P.S.I. To (C) _____ P.S.I.

Tool Closed I.C.I.P. From 8:55 M. to 9:25 M. _____ Hr. 30 Min. (D) _____ P.S.I.

Tool Open F.F.P. From 9:25 M. to 9:55 M. _____ Hr. 30 Min. From (E) _____ P.S.I. To (F) _____ P.S.I.

Tool Closed F.C.I.P. From 9:55 M. to 10:40 M. _____ Hr. 45 Min. (G) _____ P.S.I.

Initial Hydrostatic Pressure (A) 2779 P.S.I. Final Hydrostatic Pressure (H) 2735 P.S.I. Maximum Temp. _____

INFORMATION

BLOW Weak Blow died in 10 min. on second flow

Flush Tool Weak Blow for 5 min. & died

Did Well Flow Yes ☒ No _____ Recovery Total Ft. 60' Mud No Show

Reversed Out Yes ☒ No _____ Mud Type Starch Viscosity 53 Weight 9.8 Water Loss 12 cc. Chlorides 57,000 PPM

EXTRA EQUIPMENT: Type Circ. Sub. Pen Safety Joint _____ Jars: Size 4 3/4 In. Make WTC Ser. No. 410

Dual Packers ☒ Did Packers Hold? ☒ Did Tool Plug? Yes Where? 100'

DRILLING CONTRACTOR Pickrell Drilling Co. Length Drill Pipe 500' ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 x 4 In.

Length Weight Pipe _____ ft. I.D. Weight Pipe _____ In. Tool Joint Size _____ In. Length Drill Collars 154 ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 H90 In. Length D.S.T. Tool 85 ft.

Remarks

INVOICE SECTION

Open Hole Test	\$
Straddle Test	\$
Jars	\$
Selective Zone	\$
Safety Joint	\$
Misrun	\$ <u>150.00</u>
Evaluation	\$
Packer	\$
Circ. Sub.	\$
Total	\$ <u>150.00</u>

COMPANY TERMS

Western Testing Co., Inc., shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By

Signature of Customer or his Authorized Representative

Western Representative

Operator's Time

Hrs.



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Pickrell Drilling Company Lease & Well No. Seacat #3-D
Elevation 2213 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 22118
Date 2-27-76 Sec. 31 Twp. 30S Range 21W County Clark State Kansas
Test Approved by Brad Rine Western Representative Max Knife
Formation Test No. 3 O.K. - Misrun X Interval Tested From 5183' to 5240' Total Depth 5240'
Size Main Hole 77/8 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. - B.T. X Damaged - Yes X No
Top Packer Depth 5178 Ft. Size 6 3/4 Bottom Packer Depth 5183 Ft. Size 6 3/4
Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 57 Ft. Size 31' D.C. Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 5195 Ft. Clock No. 8475 Depth 5198 Ft. Clock No. 6799
Top Make Kuster Cap. 4150 No. 2606 Inside Outside Bottom Make Kuster Cap. 4000 No. 3351 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 8:22 A. M
Tool Open I.F.P. From 8:25A M. to 8:55A M. - Hr. 30 Min. From (B) - P.S.I. To (C) - P.S.I.
Tool Closed I.C.I.P. From 8:55A M. to 9:25A M. - Hr. 30 Min (D) - P.S.I.
Tool Open F.F.P. From 9:25A M. to 9:55A M. - Hr. 30 Min. From (E) - P.S.I. To (F) - P.S.I.
Tool Closed F.C.I.P. From 9:55A M. to 10:40A M. - Hr. 45 Min. (G) - P.S.I.
Initial Hydrostatic Pressure (A) 2779 P.S.I. Final Hydrostatic Pressure (H) 2735 P.S.I. Maximum Temp. -

INFORMATION

BLOW Weak blow died in 10 minutes on second flow. Flushed tool weak blow for 5 minutes
then died,

Did Well Flow - Yes X No Recovery Total Ft. 60' mud no show

Reversed Out - Yes X No Mud Type starch Viscosity 53 Weight 9.8 Water Loss 12. cc. Chlorides 57,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint - Jars: Size 4 3/4 In. Make WTC Ser. No. 410

Dual Packer yes Did Packers Hold? yes Did Tool Plug? yes Where? -

DRILLING CONTRACTOR Pickrell Drig Co. Length Drill Pipe? 5001 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 154 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 In. Length D.S.T. Tool 85 Ft.

Remarks:

