



P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No. 6142

Elevation 2447 ^{ally} KBushing Formation Mississippi Eff. Pay. Ft.

District Reatt Date 7-17-80 Customer Order No.

COMPANY NAME Pickrell Drilling Company

ADDRESS Swayze & Lytwin Bldg Wichita 67202

LEASE AND WELL NO. Swayze B-1 COUNTY Clark STATE Kansas Sec. 17 Twp. 30S Rge. 22W

Mail Invoice To Same Co. Name Swayze B-1 Address No. Copies Requested Reg A

Mail Charts To Same Address No. Copies Requested Reg A

Formation Test No. 1 Interval Tested from 5300 ft. to 5360 ft. Total Depth 5360 ft.

Packer Depth 5295 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 5300 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 5304 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 5307 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Co. Tools Drill Collar Length 277 I. D. 2 1/4 in.

Mud Type Heavy Drilling Viscosity 52 Weight Pipe Length I. D. in.

Weight 17.3 Water Loss 14.4 cc. Drill Pipe Length 5025 I. D. 3.8 in.

Chlorides 28,000 P.P.M. Test Tool Length 28 ft. Tool Size 5600 in.

Jars: Make WTC Serial Number 411 Anchor Length 30 + 30 DC ft. Size 5600 - 6300

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 FN in.

Blow: String broke on initial flow, gas to surface 8 minutes

Seal flow check set attached sheet for gas measurements.

Recovered 58 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: on loc 8:30 AM Rigs tool 9:40 AM laid down

Time Set Packer(s) 11:30 AM. Time Started Off Bottom 4:00 PM. Maximum Temperature 124°F

Initial Hydrostatic Pressure 2638 P.S.I. (A) 52 P.S.I. (C)

Initial Flow Period 60 Minutes (B) 1663 P.S.I. (D) 62 P.S.I. (F)

Initial Closed In Period 60 Minutes (E) 104 P.S.I. (G) 2554 P.S.I. (H)

Final Flow Period 90 Minutes (F) 1663 P.S.I. (G) 2554 P.S.I. (H)

Final Closed In Period Minutes (G) 1663 P.S.I. (H) 2554 P.S.I.

Final Hydrostatic Pressure P.S.I. (H) 2554 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Ray Goodin Signature of Customer or his authorized representative

Western Representative Red Tritt Thank you.

Red Tritt

FIELD INVOICE

Open Hole Test	\$650.00
Misrun	\$
Straddle Test	\$
Jars	\$300.00
Selective Zone	\$
Safety Joint	\$50.00
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage	70 mi. <u>52.5</u>
Fluid Sampler	\$
Extra Charts	\$
TOTAL	\$1052.50



GAS FLOW REPORT

Nº 2059

Date 07-17-80 Ticket 6142 Company Pickrell Drilling Company
 Well Name and No. Swayze #8# Dst No. 1 Interval Tested 530-5360
 County CLARK State KANSAS Sec. 17 Twp. 30S Rg. 22W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
PRE FLOW					
11:30 AM	44 inches	3/4 orifice			Tool open
08					gas to surface
10					94, 100
20					100, 000
30					108, 000
40					112, 000
50					114, 000
60					119, 000

Gas to surface in 8 minutes

SECOND FLOW

12:30 PM	3 lbs				Tool open
10					123, 000
20					
30					
40					
50					
60					

Tester brought in bottle to Pratt office -

GAS BOTTLE

Serial No. 100 Date Bottle Filled 7-17-80 Date to be Invoiced —

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 Ray Goodin

WESTERN TESTING CO., INC.

Pressure Data

Date 7-17-80 Test Ticket No. 6142
 Recorder No. 2606 Capacity 4150 Location 5304 Ft.
 Clock No. _____ Elevation 2447 K.B Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2643</u> P.S.I.	Open Tool	<u>11:30</u> A M	
B First Initial Flow Pressure	<u>71</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>55</u> Mins.
C First Final Flow Pressure	<u>58</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.
D Initial Closed-in Pressure	<u>1462</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>96</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>93</u> Mins.
F Second Final Flow Pressure	<u>70</u> P.S.I.			
G Final Closed-in Pressure	<u>1662</u> P.S.I.			
H Final Hydrostatic Mud	<u>2318</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>11</u> Inc.		Breakdown: <u>21</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>31</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>71</u>	<u>0</u>	<u>58</u>	<u>0</u>	<u>96</u>	<u>0</u>	<u>70</u>
P 2 <u>5</u>	<u>62</u>	<u>3</u>	<u>1035</u>	<u>5</u>	<u>77</u>	<u>3</u>	<u>1077</u>
P 3 <u>10</u>	<u>58</u>	<u>6</u>	<u>1458</u>	<u>10</u>	<u>73</u>	<u>6</u>	<u>1417</u>
P 4 <u>15</u>		<u>9</u>	<u>1529</u>	<u>15</u>	<u>73</u>	<u>9</u>	<u>1498</u>
P 5 <u>20</u>		<u>12</u>	<u>1565</u>	<u>20</u>	<u>73</u>	<u>12</u>	<u>1529</u>
P 6 <u>25</u>		<u>15</u>	<u>1583</u>	<u>25</u>	<u>72</u>	<u>15</u>	<u>1554</u>
P 7 <u>30</u>		<u>18</u>	<u>1600</u>	<u>30</u>	<u>70</u>	<u>18</u>	<u>1571</u>
P 8 <u>35</u>		<u>21</u>	<u>1611</u>	<u>35</u>		<u>21</u>	<u>1590</u>
P 9 <u>40</u>		<u>24</u>	<u>1622</u>	<u>40</u>		<u>24</u>	<u>1597</u>
P10 <u>45</u>		<u>27</u>	<u>1625</u>	<u>45</u>		<u>27</u>	<u>1605</u>
P11 <u>50</u>		<u>30</u>	<u>1632</u>	<u>50</u>		<u>30</u>	<u>1613</u>
P12 <u>55</u>	<u>58</u>	<u>33</u>	<u>1637</u>	<u>55</u>		<u>33</u>	<u>1618</u>
P13 <u>60</u>		<u>36</u>	<u>1641</u>	<u>60</u>	<u>70</u>	<u>36</u>	<u>1622</u>
P14		<u>39</u>	<u>1643</u>	<u>65</u>		<u>39</u>	<u>1626</u>
P15		<u>42</u>	<u>1648</u>	<u>70</u>		<u>42</u>	<u>1630</u>
P16		<u>45</u>	<u>1650</u>	<u>75</u>		<u>45</u>	<u>1634</u>
P17		<u>48</u>	<u>1652</u>	<u>80</u>		<u>48</u>	<u>1637</u>
P18		<u>51</u>	<u>1654</u>	<u>85</u>		<u>51</u>	<u>1640</u>
P19		<u>54</u>	<u>1656</u>	<u>90</u>		<u>54</u>	<u>1643</u>
P20		<u>57</u>	<u>1658</u>			<u>57</u>	<u>1645</u>
		<u>60</u>	<u>1660</u>			<u>60</u>	<u>1647</u>
		<u>63</u>	<u>1662</u>				

Capacity _____		Location _____	
Elevation _____		Well Temperature _____	Time _____
Pressure _____		Time Given _____	Time Computed _____
Hydrostatic Mud _____ P.S.I.	Open Tool _____	_____ Mins.	_____ M
Initial Flow Pressure _____ P.S.I.	First Flow Pressure _____	_____ Mins.	_____ M
Final Flow Pressure _____ P.S.I.	Initial Closed-in Pressure _____	_____ Mins.	_____ M
Closed-in Pressure _____ P.S.I.	Second Flow Pressure _____	_____ Mins.	_____ M
Initial Flow Pressure _____ P.S.I.	Final Closed-in Pressure _____	_____ Mins.	_____ M
Final Flow Pressure _____ P.S.I.			
Closed-in Pressure _____ P.S.I.			
Hydrostatic Mud _____ P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
Point Minutes	Press.	Point Minutes	Press.
63			
66			
69			
72			
75			
78			
81			
84			
87			
90			
93			
96			
99			
102			
105			
108			
111			
114			
117			
120			

Point Minutes	Press.
63	<u>1649</u>
66	<u>1651</u>
69	<u>1653</u>
72	<u>1654</u>
75	<u>1655</u>
78	<u>1657</u>
81	<u>1658</u>
84	<u>1659</u>
87	<u>1661</u>
90	<u>1662</u>
93	<u>1662</u>
96	
99	
102	
105	
108	
111	
114	
117	
120	

Company Pickrell Drilling Company Lease & Well No. Swayze 'B' #1
Elevation 2447 Kelly Bushing Mississippi Effective Pay ----- Ft. Ticket No. 6142
Date 7/ 17/80 Sec. 17 Twp. 30S Range 22W County Clark State Kansas
Test Approved by Ray Goodin Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 5300 ft. to 5360 ft. Total Depth 5360 ft.
Packer Depth 5295 ft. Size 6 3/4 in. Packer Depth -- ft. Size - in.
Packer Depth 5307 ft. Size 6 3/4 in. Packer Depth -- ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 5304 ft. Recorder Number 2606 Cap. 4150
Bottom Recorder Depth (Outside) 5307 ft. Recorder Number 4332 Cap. 4200
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Pickrell Drilling Co. Drill Collar Length 277 I. D. 2 1/4 in.
Mud Type premix-driscap Viscosity 52 Weight Pipe Length - I. D. - in.
Weight 9.3 Water Loss 14.4 cc. Drill Pipe Length 5025 I. D. 3.8 in.
Chlorides 28,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.
Jars: Make WTC Serial Number 411 Anchor Length 30 + 30' DC ft. Size 5 1/2 OD - 6 1/2 OD in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Strong blow on initial flow; gas to surface in eight minutes. See attached sheet for gas measurements.

Recovered 58 ft. of drilling mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 11:30 A.M. P.M. Time Started Off Bottom 4:00 A.M. P.M. Maximum Temperature 124°
Initial Hydrostatic Pressure 2643 (A) P.S.I.
Initial Flow Period 55 Minutes (B) 71 P.S.I. to (C) 58 P.S.I.
Initial Closed In Period 63 Minutes (D) 1662 P.S.I.
Final Flow Period 60 Minutes (E) 96 P.S.I. to (F) 70 P.S.I.
Final Closed In Period 93 Minutes (G) 1662 P.S.I.
Final Hydrostatic Pressure 2318 (H) P.S.I.

GAS FLOW REPORT

Date 7/17/80 Ticket 6142 Company Pcikrell Drilling Company
 Well Name and No. Swayze 'B' #1 Dst No. 1 Interval Tested 5300'-5360'
 County Clark State Kansas Sec. 17 Twp. 30S Rg. 22W

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
11:30AM	TOOL OPEN		PRE FLOW		GAS TO SURFACE IN EIGHT MINUTES.	
	10 min.	44" of water		3/4" orifice		94,100 CFPD
	20 min.	51" of water		3/4" orifice		100,000 CFPD
	30 min.	58" of water		3/4" orifice		108,000 CFPD
	40 min.	62" of water		3/4" orifice		112,000 CFPD
	50 min.	64" of water		3/4" orifice		114,000 CFPD
	60 min.	66" of water		3/4" orifice		119,000 CFPD
12:30 PM	TOOL OPEN		SECOND FLOW			
	10 min.	3 lbs.		3/4" orifice		133,000 CFPD
	20 min.	3 lbs.		3/4" orifice		133,000 CFPD
	30 min.	3 lbs.		3/4" orifice		133,000 CFPD
	40 min.	3 lbs.		3/4" orifice		133,000 CFPD
	50 min.	3 lbs.		3/4" orifice		133,000 CFPD
	60 min.	3 lbs.		3/4" orifice		133,000 CFPD

GAS BOTTLE

Serial No. 100 Date Bottle Filled 7/17/80 Date to be Invoiced 7/17/80

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 1/2% per month, equal to 18% 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 RAY GOODIN

WESTERN TESTING CO., INC.

Pressure Data

Date 7-17-80 Test Ticket No. 6142
Recorder No. 2606 Capacity 4150 Location 5304
Clock No. -- Elevation 2447 Kelly Bushing Well Temperature 124
Point Pressure Time Given Time Computed
A Initial Hydrostatic Mud 2643 P.S.I. Open Tool 11:30 A.M.
B First Initial Flow Pressure 71 P.S.I. First Flow Pressure 60 Mins. 55 Mins.
C First Final Flow Pressure 58 P.S.I. Initial Closed-in Pressure 60 Mins. 63 Mins.
D Initial Closed-in Pressure 1662 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
E Second Initial Flow Pressure 96 P.S.I. Final Closed-in Pressure 90 Mins. 93 Mins.
F Second Final Flow Pressure 70 P.S.I.
G Final Closed-in Pressure 1662 P.S.I.
H Final Hydrostatic Mud 2318 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>11</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>21</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>31</u> Inc. of <u>3</u> mins. and a 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>71</u>	<u>0</u>	<u>58</u>	<u>0</u>	<u>96</u>	<u>0</u>	<u>70</u>
P 2 <u>5</u>	<u>62</u>	<u>3</u>	<u>1035</u>	<u>5</u>	<u>77</u>	<u>3</u>	<u>1077</u>
P 3 <u>10</u>	<u>58</u>	<u>6</u>	<u>1458</u>	<u>10</u>	<u>73</u>	<u>6</u>	<u>1417</u>
P 4 <u>15</u>	<u>58</u>	<u>9</u>	<u>1529</u>	<u>15</u>	<u>73</u>	<u>9</u>	<u>1498</u>
P 5 <u>20</u>	<u>58</u>	<u>12</u>	<u>1565</u>	<u>20</u>	<u>73</u>	<u>12</u>	<u>1529</u>
P 6 <u>25</u>	<u>58</u>	<u>15</u>	<u>1583</u>	<u>25</u>	<u>72</u>	<u>15</u>	<u>1554</u>
P 7 <u>30</u>	<u>58</u>	<u>18</u>	<u>1600</u>	<u>30</u>	<u>70</u>	<u>18</u>	<u>1571</u>
P 8 <u>35</u>	<u>58</u>	<u>21</u>	<u>1611</u>	<u>35</u>	<u>70</u>	<u>21</u>	<u>1590</u>
P 9 <u>40</u>	<u>58</u>	<u>24</u>	<u>1622</u>	<u>40</u>	<u>70</u>	<u>24</u>	<u>1597</u>
P10 <u>45</u>	<u>58</u>	<u>27</u>	<u>1625</u>	<u>45</u>	<u>70</u>	<u>27</u>	<u>1605</u>
P11 <u>50</u>	<u>58</u>	<u>30</u>	<u>1632</u>	<u>50</u>	<u>70</u>	<u>30</u>	<u>1613</u>
P12 <u>55</u>	<u>58</u>	<u>33</u>	<u>1637</u>	<u>55</u>	<u>70</u>	<u>33</u>	<u>1618</u>
P13		<u>36</u>	<u>1641</u>			<u>36</u>	<u>1622</u>
P14		<u>39</u>	<u>1643</u>			<u>39</u>	<u>1626</u>
P15		<u>42</u>	<u>1648</u>			<u>42</u>	<u>1630</u>
P16		<u>45</u>	<u>1650</u>			<u>45</u>	<u>1634</u>
P17		<u>48</u>	<u>1652</u>			<u>48</u>	<u>1637</u>
P18		<u>51</u>	<u>1654</u>			<u>51</u>	<u>1640</u>
P19		<u>54</u>	<u>1656</u>			<u>54</u>	<u>1643</u>
P20		<u>57</u>	<u>1658</u>			<u>57</u>	<u>1645</u>
		<u>60</u>	<u>1660</u>			<u>60</u>	<u>1647</u>

12606 DSYH

TK# 6142
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(B)

(A)



P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 6143

Elevation 2443 ^{elby} RB ^{Mississippi} Formation Mississippi Eff. Pay Ft.

District PRATT Date 7-18-80 Customer Order No.
COMPANY NAME Pickrell Drilling Company
ADDRESS 612 W. Bldg Suite #205 Wichita, Kansas
LEASE AND WELL NO. Swayze B-1 COUNTY CLARK STATE KANSAS Sec. 17 Twp. 30S Rge. 22W
Mail Invoice To Same Swayze B-1 No. Copies Requested Reg
Co. Name Same Address
Mail Charts To Same No. Copies Requested Reg (4)
Address

Formation Test No. 2 Interval Tested from 5360 ft. to 5400 ft. Total Depth 5400 ft.
Packer Depth 5355 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 5360 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set

Top Recorder Depth (Inside)	<u>5364</u> ft.	Recorder Number	<u>2406</u>	Cap	<u>4150</u>
Bottom Recorder Depth (Outside)	<u>5367</u> ft.	Recorder Number	<u>4332</u>	Cap	<u>4200</u>
Below Straddle Recorder Depth	<u> </u> ft.	Recorder Number	<u> </u>	Cap	<u> </u>
Drilling Contractor	<u>Co Tools</u>	Drill Collar Length	<u>277</u>	I. D.	<u>2 1/4</u> in.
Mud Type	<u>Dispersed</u>	Weight Pipe Length	<u> </u>	I. D.	<u> </u> in.
Weight	<u>9.3</u>	Drill Pipe Length	<u>5055</u>	I. D.	<u>3.8</u> in.
Chlorides	<u>28000</u> P.P.M.	Test Tool Length	<u>28</u> ft.	Tool Size	<u>5 1/2 OD</u> in.
Jars: Make	<u>WTC</u>	Anchor Length	<u>40</u> ft.	Size	<u>5 1/2 OD</u> in.
Serial Number	<u>411</u>	Surface Choke Size	<u>3/4</u> in.	Bottom Choke Size	<u>3/4</u> in.
Did Well Flow?	<u>NO</u>	Main Hole Size	<u>7 7/8</u> in.	Tool Joint Size	<u>4 1/2 + 1 1/4</u> in.
Reversed Out	<u>NO</u>				

Blow: Strong blow through each test - gas to surface
30 min into final opening see flow chart

Recovered 120 ft. of free gassy oil attached sheet for gas measurements
Recovered ft. of
Recovered 120 ft. of mud cut gassy oil
Recovered ft. of
Recovered ft. of

Remarks:

On loc 5:30 AM Pickup tool 6:45 AM load down 2:15 PM left loc 3:15 PM
Time Set Packer(s) 8:05 A.M. Time Started Off Bottom 12:05 P.M. Maximum Temperature 124°F
Initial Hydrostatic Pressure (A) 2733 P.S.I.
Initial Flow Period 30 Minutes (B) 124 P.S.I. to (C) 72 P.S.I.
Initial Closed In Period 60 Minutes (D) 1675 P.S.I.
Final Flow Period 60 Minutes (E) 124 P.S.I. to (F) 72 P.S.I.
Final Closed In Period 90 Minutes (G) 1675 P.S.I.
Final Hydrostatic Pressure (H) 2628 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Ray Woodin
Signature of Customer or his authorized representative

Western Representative Anthony L. Lint

FIELD INVOICE

Open Hole Test	<u>\$4650.00</u>
Misrun	<u>\$ </u>
Straddle Test	<u>\$ </u>
Jars	<u>\$300.00</u>
Selective Zone	<u>\$ </u>
Safety Joint	<u>\$50.00</u>
Standby	<u>\$ </u>
Evaluation	<u>\$ </u>
Extra Packer	<u>\$ </u>
Circ. Sub.	<u>\$ </u>
Mileage	<u>70 @ 52.50</u>
Fluid Sampler	<u>\$ </u>
Extra Charts	<u>\$ </u>

TOTAL \$4052.50

№ 2060

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
--------------------------	---	--------------------	------------------------------	------------------------------------	---------------------

PRE FLOW

No gas to surface

SECOND FLOW

Inches
of
9:35 Am water

Tool open

30 min		1/4" surface
40	15" equal	
50	22" of water	
60	22" of water	

gas to surface
4,550
7,880
7,880

cf PD

✓

OK

GAS BOTTLE

Serial No. 1 Date Bottle Filled 11/1/54 Date to be Invoiced 11/1/54

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 Pickell Dilling Company
Authorized by Ray Goodin (intd)

WESTERN TESTING CO., INC.

Pressure Data

Date 7-18-80 Test Ticket No. 6143
 Recorder No. 2606 Capacity 4150 Location 5364 Ft.
 Clock No. _____ Elevation 2447 KB Well Temperature 124 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 2744 P.S.I. Open Tool 8:05 AM
 B First Initial Flow Pressure 98 P.S.I. First Flow Pressure 30 Mins. 25 Mins.
 C First Final Flow Pressure 71 P.S.I. Initial Closed-in Pressure 60 Mins. 60 Mins.
 D Initial Closed-in Pressure 1695 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 E Second Initial Flow Pressure 104 P.S.I. Final Closed-in Pressure 90 Mins. 90 Mins.
 F Second Final Flow Pressure 75 P.S.I.
 G Final Closed-in Pressure 1700 P.S.I.
 H Final Hydrostatic Mud 2618 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>30</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 0	<u>98</u>	0	<u>71</u>	0	<u>104</u>	0	<u>75</u>
P 2 5	<u>94</u>	3	<u>144</u>	5	<u>100</u>	3	<u>133</u>
P 3 10	<u>86</u>	6	<u>250</u>	10	<u>92</u>	6	<u>241</u>
P 4 15	<u>79</u>	9	<u>302</u>	15	<u>86</u>	9	<u>364</u>
P 5 20	<u>73</u>	12	<u>562</u>	20	<u>85</u>	12	<u>519</u>
P 6 25	<u>71</u>	15	<u>777</u>	25	<u>85</u>	15	<u>693</u>
P 7 30		18	<u>1014</u>	30	<u>83</u>	18	<u>950</u>
P 8 35		21	<u>1157</u>	35	<u>83</u>	21	<u>1149</u>
P 9 40		24	<u>1431</u>	40	<u>81</u>	24	<u>1315</u>
P10 45		27	<u>1527</u>	45	<u>79</u>	27	<u>1440</u>
P11 50		30	<u>1569</u>	50	<u>76</u>	30	<u>1513</u>
P12 55		33	<u>1603</u>	55	<u>75</u>	33	<u>1569</u>
P13 60		36	<u>1632</u>	60	<u>75</u>	36	<u>1605</u>
P14		39	<u>1651</u>	65		39	<u>1626</u>
P15		42	<u>1664</u>	70		42	<u>1639</u>
P16		45	<u>1671</u>	75		45	<u>1647</u>
P17		48	<u>1676</u>	80		48	<u>1658</u>
P18		51	<u>1681</u>	85		51	<u>1664</u>
P19		54	<u>1685</u>	90		54	<u>1672</u>
P20		57	<u>1689</u>			57	<u>1676</u>
		60	<u>1695</u>			60	<u>1681</u>

Cont

Location _____

Capacity _____

Elevation _____

Well Temperature _____

Time
Given

Time
Computed

Pressure

P.S.I.

Open Tool

M

Mins

M

P.S.I.

First Flow Pressure

Mins

M

P.S.I.

Initial Closed-in Pressure

Mins

M

P.S.I.

Second Flow Pressure

Mins

M

P.S.I.

Final Closed-in Pressure

Mins

P.S.I.

P.S.I.

P.S.I.

P.S.I.

PRESSURE BREAKDOWN

Final Shut-In

Breakdown: _____ Inc

of 3 mins. and a

final inc. of 0 Min

Second Flow Pressure

Breakdown: _____ Inc

of 5 mins. and a

final inc. of 0 Min

Initial Shut-In

Breakdown: _____ Inc

of 3 mins. and a

final inc. of 0 Min

Point
Minutes

Press.

Point
Minutes

Press.

Point
Minutes

Press.

Press.

63

66

69

72

75

78

81

84

87

90

93

96

99

102

105

108

111

114

117

120

63

66

69

72

75

78

81

84

87

90

93

96

99

102

105

108

111

114

117

120

1685

1687

1689

1691

1692

1694

1696

1697

1699

1700

Company Pickrell Drilling Company Lease & Well No. Swayze 'B' #1
Elevation 2447 Kelly Bushing Formation Mississippi Effective Pay ----- Ft. Ticket No. 6143
Date 7/18/80 Sec. 17 Twp. 30S Range 22W County Clark State Kansas
Test Approved by Ray Goodin Western Representative Rodney Tritt
Formation Test No. 2 Interval Tested from 5360 ft. to 5400 ft. Total Depth 5400 ft.
Packer Depth 5355 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 5360 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 5364 ft. Recorder Number 2606 Cap. 4150
Bottom Recorder Depth (Outside) 5367 ft. Recorder Number 4332 Cap. 4200
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Pickrell Drilling Drill Collar Length 277 I. D. 2 3/4 in.
Mud Type drispac Viscosity 52 Weight Pipe Length = I. D. = in.
Weight 9.3 Water Loss 14.4 cc. Drill Pipe Length 5055 I. D. 3.8 in.
Chlorides 28,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.
Jars: Make WIC Serial Number 411 Anchor Length 40 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Strong blow throughout test. Gas to surface thirty minutes into final opening. See attached sheet for gas measurements.

Recovered 120 ft. of free gassy oil
Recovered 120 ft. of mud cut gassy oil
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time Set Packer(s) 8:05 A.M. Time Started Off Bottom 12:05 P.M. Maximum Temperature 124°
Initial Hydrostatic Pressure 2744 P.S.I. (A)
Initial Flow Period 25 Minutes (B) 98 P.S.I. to (C) 71 P.S.I.
Initial Closed In Period 60 Minutes (D) 1695 P.S.I.
Final Flow Period 60 Minutes (E) 104 P.S.I. to (F) 75 P.S.I.
Final Closed In Period 90 Minutes (G) 1700 P.S.I.
Final Hydrostatic Pressure 2618 P.S.I. (H)

GAS FLOW REPORT

Date 7/18/80 Ticket 6143 Company Pickrell Drilling Company
Well Name and No. Swayze "B" #1 Dst No. 2 Interval Tested 5360' - 5400'
County Clark State Kansas Sec. 17 Twp. 30S Rg. 22W

[illegible]

SECOND FLOW

9:35 AM TOOL OPEN

[illegible]

GAS BOTTLE

Serial No. ----- Date Bottle Filled ----- Date to be Invoiced 7/18/80

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 1½% per month, equal to 18% 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 Ray Goodin

WESTERN TESTING CO., INC.

Pressure Data

Date 7-18-80 Test Ticket No. 6143
 Recorder No. 2606 Capacity 4150 Location 5364 Ft
 Clock No. -- Elevation 2447 Kelly Bushing Well Temperature 124 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 2744 P.S.I. Open Tool 8:05 A. M
 B First Initial Flow Pressure 98 P.S.I. First Flow Pressure 30 Mins. 25 Mins
 C First Final Flow Pressure 71 P.S.I. Initial Closed-in Pressure 60 Mins. 60 Mins
 D Initial Closed-in Pressure 1695 P.S.I. Second Flow Pressure 60 Mins. 60 Mins
 E Second Initial Flow Pressure 104 P.S.I. Final Closed-in Pressure 90 Mins. 90 Mins
 F Second Final Flow Pressure 75 P.S.I.
 G Final Closed-in Pressure 1700 P.S.I.
 H Final Hydrostatic Mud 2618 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>30</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>98</u>	<u>0</u>	<u>71</u>	<u>0</u>	<u>104</u>	<u>0</u>	<u>75</u>
P 2 <u>5</u>	<u>94</u>	<u>3</u>	<u>144</u>	<u>5</u>	<u>100</u>	<u>3</u>	<u>133</u>
P 3 <u>10</u>	<u>86</u>	<u>6</u>	<u>250</u>	<u>10</u>	<u>92</u>	<u>6</u>	<u>241</u>
P 4 <u>15</u>	<u>79</u>	<u>9</u>	<u>302</u>	<u>15</u>	<u>86</u>	<u>9</u>	<u>364</u>
P 5 <u>20</u>	<u>73</u>	<u>12</u>	<u>562</u>	<u>20</u>	<u>85</u>	<u>12</u>	<u>519</u>
P 6 <u>25</u>	<u>71</u>	<u>15</u>	<u>777</u>	<u>25</u>	<u>85</u>	<u>15</u>	<u>693</u>
P 7 _____		<u>18</u>	<u>1014</u>	<u>30</u>	<u>83</u>	<u>18</u>	<u>950</u>
P 8 _____		<u>21</u>	<u>1157</u>	<u>35</u>	<u>83</u>	<u>21</u>	<u>1149</u>
P 9 _____		<u>24</u>	<u>1431</u>	<u>40</u>	<u>81</u>	<u>24</u>	<u>1315</u>
P10 _____		<u>27</u>	<u>1527</u>	<u>45</u>	<u>79</u>	<u>27</u>	<u>1440</u>
P11 _____		<u>30</u>	<u>1569</u>	<u>50</u>	<u>76</u>	<u>30</u>	<u>1513</u>
P12 _____		<u>33</u>	<u>1603</u>	<u>55</u>	<u>75</u>	<u>33</u>	<u>1569</u>
P13 _____		<u>36</u>	<u>1632</u>	<u>60</u>	<u>75</u>	<u>36</u>	<u>1605</u>
P14 _____		<u>39</u>	<u>1651</u>			<u>39</u>	<u>1626</u>
P15 _____		<u>42</u>	<u>1664</u>			<u>42</u>	<u>1639</u>
P16 _____		<u>45</u>	<u>1671</u>			<u>45</u>	<u>1647</u>
P17 _____		<u>48</u>	<u>1676</u>			<u>48</u>	<u>1658</u>
P18 _____		<u>51</u>	<u>1681</u>			<u>51</u>	<u>1664</u>
P19 _____		<u>54</u>	<u>1685</u>			<u>54</u>	<u>1672</u>
P20 _____		<u>57</u>	<u>1689</u>			<u>57</u>	<u>1676</u>
		<u>60</u>	<u>1695</u>			<u>60</u>	<u>1681</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 7-18-80 Test Ticket No. 6143

Recorder No. 2606 Capacity 4150 Location 5364 Ft.

Clock No. -- Elevation 2447 Kelly Bushing Well Temperature 124 °F

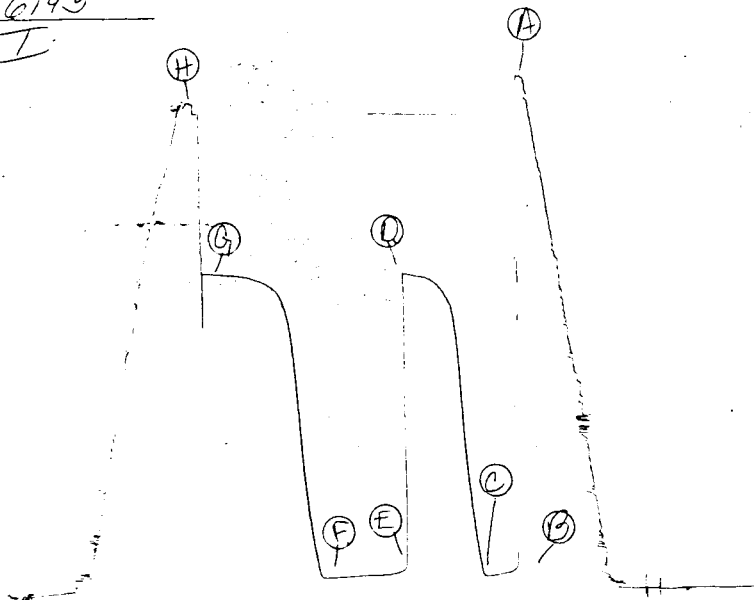
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2744</u> P.S.I.	Open Tool	<u>8:05</u> A. M.	
B First Initial Flow Pressure	<u>98</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>25</u> Mins.
C First Final Flow Pressure	<u>71</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1695</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>104</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>75</u> P.S.I.			
G Final Closed-in Pressure	<u>1700</u> P.S.I.			
H Final Hydrostatic Mud	<u>2618</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>5</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>30</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1685
P 2						66	1687
P 3						69	1689
P 4						72	1691
P 5						75	1692
P 6						78	1694
P 7						81	1696
P 8						84	1697
P 9						87	1699
P10						90	1700
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TR-# 6143

I.





P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.

FORMATION TESTING

Kelly Bushing

TICKET N° 6144

Elevation 2447 RB Formation Lansing Eff. Pay _____ Ft.

District PRAT Date 7-19-80 Customer Order No. _____

COMPANY NAME Pickrell Drilling Company

ADDRESS Littman Bldg Suite 205 Wichita Kans 67202

LEASE AND WELL NO. Swayze B-1 COUNTY Clark STATE Kans Sec. 17 Twp. 32S Rge. 22W

Mail Invoice To Same Co. Name _____ Address _____ No. Copies Requested Reg

Mail Charts To Same Co. Name _____ Address _____ No. Copies Requested Reg

Formation Test No. 3 Interval Tested from 4795 ft. to 4822 ft. Total Depth 5455 ft.

Packer Depth 4790 ft. Size 6 3/4 in. Packer Depth 4822 ft. Size 6 3/4 in.

Packer Depth 4795 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set 4857

Top Recorder Depth (Inside) 4803 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4806 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth 4860 ft. Recorder Number 2607 Cap. 4150

Drilling Contractor Co Tools Drill Collar Length 285 I. D. 2 1/4 in.

Mud Type Gypsum Viscosity 57 Weight Pipe Length _____ I. D. _____ in.

Weight 12 Water Loss 79.4 cc. Drill Pipe Length _____ I. D. 3.8 in.

Chlorides 31,000 P.P.M. Test Tool Length 45 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 411 Anchor Length 27 ft. Size 2 1/2 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3 1/4 in. Bottom Choke Size 3 1/4 in.

Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 in.

Blow: Misrun could not get tool to test zone

hit bridges from 2000 ft & stopped at 2345

Recovered _____ ft. of

Recovered _____ ft. of

Recovered _____ ft. of

Recovered _____ ft. of

Recovered _____ ft. of

Remarks: _____

on loc 1014M pickup tool 1115 laid down tool 3:20 off loc 4:00

Time Set Packer(s) _____ A.M. _____ P.M. Time Started Off Bottom _____ A.M. _____ P.M. Maximum Temperature _____

Initial Hydrostatic Pressure _____ (A) _____ P.S.I.

Initial Flow Period _____ Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.

Initial Closed In Period _____ Minutes _____ (D) _____ P.S.I.

Final Flow Period _____ Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.

Final Closed In Period _____ Minutes _____ (G) _____ P.S.I.

Final Hydrostatic Pressure _____ (H) _____ P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Ray Goodin Signature of Customer or his authorized representative

Western Representative Rod Trith Thank you
Rod Trith

FIELD INVOICE

Open Hole Test	\$	
Misrun	\$	300.00
Straddle Test	\$	250.00
Jars	\$	300.00
Selective Zone	\$	250.00
Safety Joint	\$	50.00
Standby	\$	
Evaluation	\$	
Extra Packer	\$	200.00
Circ. Sub.	\$	22.50
Mileage	\$	1402.50
Fluid Sampler	\$	
Extra Charts	\$	
TOTAL	\$	1402.50

Company Pickrell Drilling Company Lease & Well No. Swayze "B" #1
Elevation 2447 Kelly Bushing Lansing Formation ----- Effective Pay ----- Ft. Ticket No. 6144
Date 7/19/80 Sec. 17 Twp. 30S Range 22W County Clark State Kansas
Test Approved by Ray Goodin Western Representative Rod Tritt

Formation Test No. 3 Interval Tested from 4795 ft. to 4822 ft. Total Depth 5455 ft.
Packer Depth 4790 ft. Size 6 3/4 in. Packer Depth 4822 ft. Size 6 3/4 in.
Packer Depth 4795 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.
Depth of Selective Zone Set 4857

Top Recorder Depth (Inside)	<u>4803</u> ft.	Recorder Number	<u>2606</u>	Cap.	<u>4150</u>
Bottom Recorder Depth (Outside)	<u>4806</u> ft.	Recorder Number	<u>4332</u>	Cap.	<u>4200</u>
Below Straddle Recorder Depth	<u>4860</u> ft.	Recorder Number	<u>2607</u>	Cap.	<u>4150</u>
Drilling Contractor	<u>Pickrell Drilling</u>	Drill Collar Length	<u>285</u>	I. D.	<u>2 1/4</u> in.
Mud Type	<u>drispan</u> viscosity <u>57</u>	Weight Pipe Length	<u>-----</u>	I. D.	<u>-----</u> in.
Weight	<u>9.2</u> Water Loss <u>19.4</u> cc.	Drill Pipe Length	<u>-----</u>	I. D.	<u>3.8</u> in.
Chlorides	<u>31,000</u> P.P.M.	Test Tool Length	<u>45</u> ft.	Tool Size	<u>5 1/2</u> OD in.
Jars: Make	<u>WTC</u> Serial Number <u>411</u>	Anchor Length	<u>27</u> ft.	Size	<u>5 1/2</u> OD in.
Did Well Flow?	<u>No</u> Reversed Out <u>NO</u>	Surface Choke Size	<u>3/4</u> in.	Bottom Choke Size	<u>2 1/4</u> in.
		Main Hole Size	<u>7 7/8</u> in.	Tool Joint Size	<u>4 1/2</u> in.

Blow: MISRUN COULD NOT GET TOOL TO TEST ZONE: HIT BRIDGES FROM 2000 FEET AND STOPPED AT 2345 FEET.

Recovered ----- ft. of -----
Recovered ----- ft. of -----
Recovered ----- ft. of -----
Recovered ----- ft. of -----
Recovered ----- ft. of -----
Remarks: MISRUN

NO PRESSURES AVAILABLE

Time Set Packer(s)	<u>-----</u> A.M. <u>-----</u> P.M.	Time Started Off Bottom	<u>-----</u> A.M. <u>-----</u> P.M.	Maximum Temperature	<u>-----</u>
Initial Hydrostatic Pressure	(A) <u>-----</u>		P.S.I.		
Initial Flow Period	Minutes	(B) <u>-----</u>	P.S.I. to (C)	<u>-----</u> P.S.I.	
Initial Closed In Period	Minutes	(D) <u>-----</u>	P.S.I.		
Final Flow Period	Minutes	(E) <u>-----</u>	P.S.I. to (F)	<u>-----</u> P.S.I.	
Final Closed In Period	Minutes	(G) <u>-----</u>	P.S.I.		
Final Hydrostatic Pressure	(H) <u>-----</u>		P.S.I.		

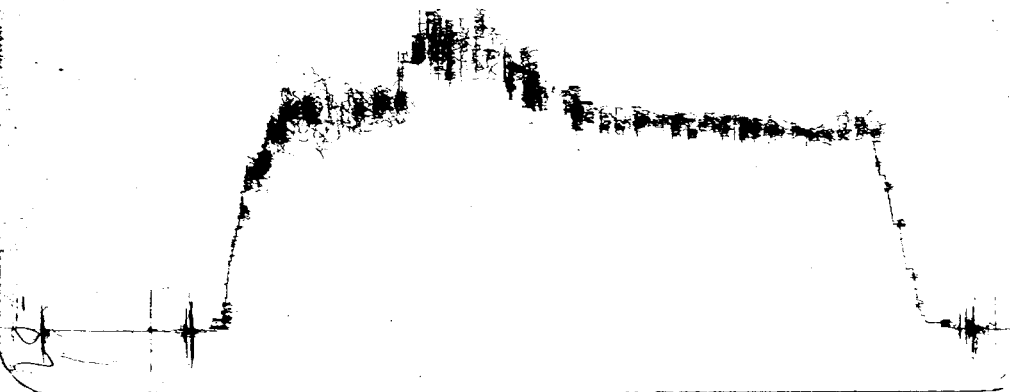
2600-1751-2

TK+ #6144
I.



2609-1751-3

TK+ #6144
Below Saddle Crest





P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.

FORMATION TESTING

Kelly Dushing

TICKET No 6145

Elevation 2447 RD Formation LANSING Eff. Pay Ft.

District PRAT Date 7-19-80 Customer Order No.
COMPANY NAME Pickrell Drilling Co
ADDRESS Bitum Bldg - Suite 205 Wichita 67202
LEASE AND WELL NO. SWAYZE B-1 COUNTY Clark STATE Kansas Sec. 17 Twp. 30N Rge. 22W
Mail Invoice To Same Co. Name Same Address No. Copies Requested Reg
Mail Charts To Same Address No. Copies Requested Reg

Formation Test No. 4 Interval Tested from 4795 ft. to 4822 ft. Total Depth 54.55 ft.
Packer Depth 4790 ft. Size 6 3/4 in. Packer Depth 4822 ft. Size 6 3/4 in.
Packer Depth 4795 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set 4857

Top Recorder Depth (Inside) 4803 ft.
Bottom Recorder Depth (Outside) 4806 ft.
Below Straddle Recorder Depth 4860 ft.

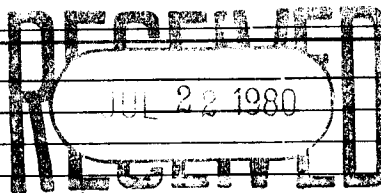
Recorder Number 2606 Cap. 4150
Recorder Number 41332 Cap. 41200
Recorder Number 2607 Cap. 4150

Drilling Contractor Co Tools
Mud Type DRISPAE Viscosity 57
Weight 9.12 Water Loss 19.4 cc.
Chlorides 31000 P.P.M.
Jars: Make WTC Serial Number 411
Did Well Flow? NO Reversed Out NO

Drill Collar Length 285 I. D. 2 1/4 in.
Weight Pipe Length I. D. in.
Drill Pipe Length I. D. 3.8 in.
Test Tool Length 45 ft. Tool Size 5 3/8 in.
Anchor Length 27 ft. Size 5 3/8 in.
Surface Choke Size 3 1/4 in. Bottom Choke Size 3 1/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: Misrun

Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of



Remarks: Misrun couldn't get tool past 2345 ft. had trouble from 2300 ft.

Time Set	Packer(s)	A.M. P.M.	Time Started	Off Bottom	A.M. P.M.	Maximum Temperature
Initial Hydrostatic Pressure				(A)	P.S.I.	
Initial Flow Period			Minutes	(B)	P.S.I. to (C)	P.S.I.
Initial Closed In Period			Minutes	(D)	P.S.I.	
Final Flow Period			Minutes	(E)	P.S.I. to (F)	P.S.I.
Final Closed In Period			Minutes	(G)	P.S.I.	
Final Hydrostatic Pressure				(H)	P.S.I.	

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Ray Goodin
Signature of Customer or his authorized representative

Western Representative Bob Just Thank you

FIELD INVOICE

Open Hole Test	\$ <u>300.00</u>
Misrun	\$ <u>250.00</u>
Straddle Test	\$ <u>300.00</u>
Jars	\$ <u>250.00</u>
Selective Zone	\$ <u>50.00</u>
Safety Joint	\$ <u> </u>
Standby	\$ <u> </u>
Evaluation	\$ <u>200.00</u>
Extra Packer	\$ <u> </u>
Circ. Sub.	\$ <u> </u>
Mileage	\$ <u> </u>
Fluid Sampler	\$ <u> </u>
Extra Charts	\$ <u> </u>
TOTAL	\$ <u>1350.00</u>

Company Pickrell Drilling Company Lease & Well No. Swayze 'B' #1
Elevation 2447 Kelly Bushing Formation Lansing Effective Pay ----- Ft. Ticket No. 6145
Date 7/19/80 Sec. 17 Twp. 30S Range 22W County Clark State Kansas
Test Approved by Ray Goodin Western Representative Rod Tritt
Formation Test No. 4 Interval Tested from 4795 ft. to 4822 ft. Total Depth 5455 ft.
Packer Depth 4790 ft. Size 6 3/4 in. Packer Depth 4822 ft. Size 6 3/4 in.
Packer Depth 4795 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set 4857
Top Recorder Depth (Inside) 4803 ft. Recorder Number 2606 Cap. 4150
Bottom Recorder Depth (Outside) 4806 ft. Recorder Number 4332 Cap. 4200
Below Straddle Recorder Depth 4860 ft. Recorder Number 2607 Cap. 4150
Drilling Contractor Pickrell Drilling Drill Collar Length 285 I. D. 2 3/4 in.
Mud Type drispac Viscosity 57 Weight Pipe Length - I. D. - in.
Weight 9.2 Water Loss 19.4 cc. Drill Pipe Length = I. D. 3.8 in.
Chlorides 31,000 P.P.M. Test Tool Length 45 ft. Tool Size 5 1/2 OD in.
Jars: Make WTC Serial Number 411 Anchor Length 27 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: MISRUN

Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

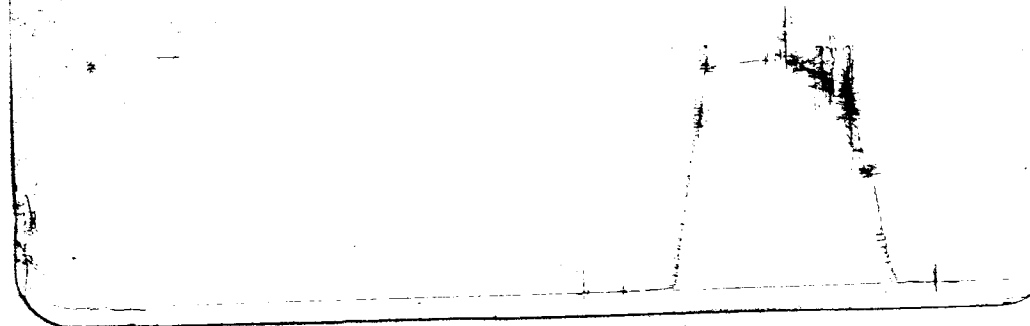
Remarks: MISRUN COULD NOT GET TOOL PAST 2345 and had trouble from 2300 feet

NO PRESSURES AVAILABLE

Time Set Packer(s)	A.M. P.M.	Time Started Off Bottom	A.M. P.M.	Maximum Temperature
Initial Hydrostatic Pressure		(A)	P.S.I.	
Initial Flow Period		Minutes (B)	P.S.I. to (C)	P.S.I.
Initial Closed In Period		Minutes (D)	P.S.I.	
Final Flow Period		Minutes (E)	P.S.I. to (F)	P.S.I.
Final Closed In Period		Minutes (G)	P.S.I.	
Final Hydrostatic Pressure		(H)	P.S.I.	

TK+#6145

I.



TK+#6145

Below Straddle Jost

