



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No

8055

P. O. BOX 1599 PHONE (316) 262-5861 WICHITA, KANSAS 67201

Elevation = 1160 KB Formation Stalnaher Eff. Pay - Ft.

District Augusta Date 3-3-81 Customer Order No.

COMPANY NAME Carnio Oil Company

ADDRESS 2525 N. New York Bldg 2 Office 201 Wichita, Ks 67219

LEASE AND WELL NO. Taylor # 2 COUNTY Cowley STATE Ks Sec. 27 Twp 33s Rge 4E

Mail Invoice To Same Co. Name Address No. Copies Requested 1

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 1 Interval Tested from 2020 ft. to 2033 ft. Total Depth 2033 ft.

Packer Depth 2020 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2015 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 2026 ft. Recorder Number 1559 Cap. 4206

Bottom Recorder Depth (Outside) 2029 ft. Recorder Number 5666 Cap. 3950

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White-Ellis Daly #7 Drill Collar Length 240 I. D. 2 1/2 in.

Mud Type Chem Viscosity 42 Weight Pipe Length - I. D. - in.

Weight 9.7 Water Loss 12.8 cc. Drill Pipe Length 1760 I. D. 3.8 in.

Chlorides 1800 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 13 ft. Size 5 1/2 in.

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 x 1 1/4 in.

Blow: 2 Pain diminishing to weak at end of test

Recovered 260 ft. of Salt water 78,000 PPM Chlorides

Recovered - ft. of 18 Resistivity @ 60°F

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Remarks: Pressures Recorder # 5666

Time On Location 5:30 3-3 A.M. P.M. Time Pick Up Tool 8:00 A.M. P.M. Time Off Location 1:30 3-4 A.M. P.M.

Time Set Packer(s) 9:05 P.M. Time Started Off Bottom 12:05 P.M. Maximum Temperature 93

Initial Hydrostatic Pressure (A) 1075 P.S.I.

Initial Flow Period Minutes 30 (B) 30 P.S.I. to (C) 70 P.S.I.

Initial Closed In Period Minutes 30 (D) 700 P.S.I.

Final Flow Period Minutes 60 (E) 100 P.S.I. to (F) 140 P.S.I.

Final Closed In Period Minutes 60 (G) 690 P.S.I.

Final Hydrostatic Pressure (H) 1050 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...

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 Joe Baker Signature of Customer or his authorized representative

Western Representative Norman Allen

FIELD INVOICE

Table with 2 columns: Item and Amount. Includes Open Hole Test (\$625.00), Mileage (\$30.75), and TOTAL (\$655.75).

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WESTERN TESTING CO., INC.

Pressure Data

Date 3-3 Recorder No. 5666 Capacity 3950 Test Ticket No. 8055  
 Location 2029 Ft. Elevation 1160 KB Well Temperature 93 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1075</u> P.S.I.		<u>9:05 P</u>	
B First Initial Flow Pressure	<u>37</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>82</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>685</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>55</u> Mins.
E Second Initial Flow Pressure	<u>102</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>151</u> P.S.I.			
G Final Closed-in Pressure	<u>689</u> P.S.I.			
H Final Hydrostatic Mud	<u>1050</u> P.S.I.			

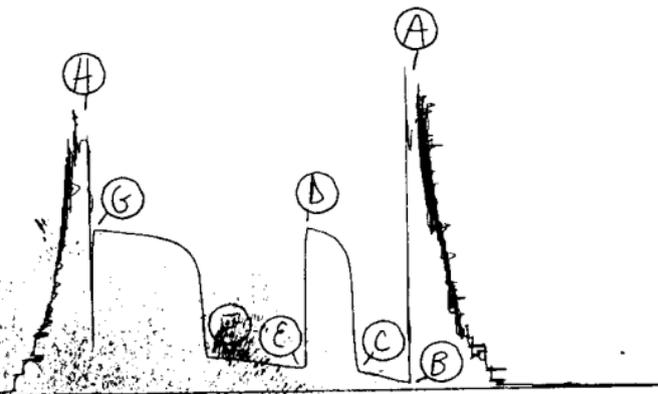
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>21</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>37</u>	<u>0</u> <u>82</u>	<u>0</u> <u>102</u>	<u>0</u> <u>151</u>			
P 2	<u>5</u> <u>41</u>	<u>3</u> <u>433</u>	<u>5</u> <u>103</u>	<u>3</u> <u>418</u>			
P 3	<u>10</u> <u>51</u>	<u>6</u> <u>576</u>	<u>10</u> <u>107</u>	<u>6</u> <u>546</u>			
P 4	<u>15</u> <u>61</u>	<u>9</u> <u>612</u>	<u>15</u> <u>112</u>	<u>9</u> <u>582</u>			
P 5	<u>20</u> <u>71</u>	<u>12</u> <u>639</u>	<u>20</u> <u>117</u>	<u>12</u> <u>604</u>			
P 6	<u>25</u> <u>78</u>	<u>15</u> <u>651</u>	<u>25</u> <u>124</u>	<u>15</u> <u>620</u>			
P 7	<u>30</u> <u>82</u>	<u>18</u> <u>663</u>	<u>30</u> <u>130</u>	<u>18</u> <u>631</u>			
P 8	<u>35</u>	<u>21</u> <u>671</u>	<u>35</u> <u>137</u>	<u>21</u> <u>639</u>			
P 9	<u>40</u>	<u>24</u> <u>677</u>	<u>40</u> <u>143</u>	<u>24</u> <u>647</u>			
P10	<u>45</u>	<u>27</u> <u>683</u>	<u>45</u> <u>147</u>	<u>27</u> <u>653</u>			
P11	<u>50</u>	<u>30</u> <u>685</u>	<u>50</u> <u>150</u>	<u>30</u> <u>659</u>			
P12	<u>55</u>	<u>33</u>	<u>55</u> <u>151</u>	<u>33</u> <u>662</u>			
P13	<u>60</u>	<u>36</u>	<u>60</u>	<u>36</u> <u>665</u>			
P14		<u>39</u>	<u>65</u>	<u>39</u> <u>669</u>			
P15		<u>42</u>	<u>70</u>	<u>42</u> <u>672</u>			
P16		<u>45</u>	<u>75</u>	<u>45</u> <u>674</u>			
P17		<u>48</u>	<u>80</u>	<u>48</u> <u>677</u>			
P18		<u>51</u>	<u>85</u>	<u>51</u> <u>681</u>			
P19		<u>54</u>	<u>90</u>	<u>54</u> <u>683</u>			
P20		<u>57</u>		<u>57</u> <u>685</u>			
		<u>60</u>		<u>60</u> <u>687</u>			
				<u>63</u> <u>689</u>			

TKT # 8055

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9942



Company Camio Oil Company Lease & Well No. Taylor #2  
 Elevation 1160 Kelly Bushing Stalnaker Effective Pay - Ft. Ticket No. 8055  
 Date 3/3/81 Sec. 27 Twp. 33S Range 4E County Cowley State Kansas  
 Test Approved by Joe M. Baker Western Representative Norman Allen

Formation Test No. 1 Interval Tested from 2020 ft. to 2033 ft. Total Depth 2033 ft.  
 Packer Depth 2020 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 2015 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2026 ft. Recorder Number 1559 Cap. 4200  
 Bottom Recorder Depth (Outside) 2029 ft. Recorder Number 5666 Cap. 3950  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Drilling Rig #7 Drill Collar Length 240 I. D. 2 1/4 in.  
 Mud Type chemical Viscosity 42 Weight Pipe Length - I. D. - in.  
 Weight 9.7 Water Loss 12.8 cc. Drill Pipe Length 1760 I. D. 3.8 in.  
 Chlorides 1,800 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.  
 Jars: Make - Serial Number - Anchor Length 13 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 XH in.

Blow: Fair, diminishing to weak at end of test.

Recovered 260 ft. of salt water 78,000 chlorides ppm  
 Recovered - ft. of - .18 Resistivity @ 60°F  
 Recovered - ft. of -  
 Recovered - ft. of -  
 Recovered - ft. of -

Remarks: Pressures - Recorder #5666

Time Set Packer(s)	<u>9:05</u>	<u>A.M.</u>	Time Started Off Bottom	<u>12:05</u>	<u>A.M.</u>	Maximum Temperature	<u>93°</u>
		<u>P.M.</u>			<u>P.M.</u>		
Initial Hydrostatic Pressure			(A)	<u>1075</u>			
						<u>82</u>	
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>37</u>	P.S.I. to (C)		P.S.I.
Initial Closed In Period	Minutes	<u>30</u>	(D)	<u>685</u>			
Final Flow Period	Minutes	<u>55</u>	(E)	<u>102</u>	P.S.I. to (F)	<u>151</u>	P.S.I.
Final Closed In Period	Minutes	<u>63</u>	(G)	<u>689</u>			
Final Hydrostatic Pressure			(H)	<u>1050</u>			

# WESTERN TESTING CO., INC.

## Pressure Data

Date 3/3/81 Test Ticket No. 8055  
 Recorder No. 5666 Capacity 3950 Location 2029 Ft.  
 Clock No. - Elevation 1160 Kelly Bushing Well Temperature 93 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1075</u>	P.S.I.	<u>9:05P</u>	<u>M</u>
B First Initial Flow Pressure	<u>37</u>	P.S.I.	<u>30</u>	<u>Mins. 30 Mins.</u>
C First Final Flow Pressure	<u>82</u>	P.S.I.	<u>30</u>	<u>Mins. 30 Mins.</u>
D Initial Closed-in Pressure	<u>685</u>	P.S.I.	<u>60</u>	<u>Mins. 55 Mins.</u>
E Second Initial Flow Pressure	<u>102</u>	P.S.I.	<u>60</u>	<u>Mins. 63 Mins.</u>
F Second Final Flow Pressure	<u>151</u>	P.S.I.		
G Final Closed-in Pressure	<u>689</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1050</u>	P.S.I.		

### PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	<u>6</u>	<u>Inc.</u>	<u>10</u>	<u>Inc.</u>	<u>11</u>	<u>Inc.</u>	<u>21</u>	<u>Inc.</u>
	<u>of 5</u>	<u>mins. and a</u>	<u>of 3</u>	<u>mins. and a</u>	<u>of 5</u>	<u>mins. and a</u>	<u>of 3</u>	<u>mins. and a</u>
	<u>final inc. of 0</u>	<u>Min.</u>						
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1 <u>0</u>	<u>37</u>	<u>0</u>	<u>82</u>	<u>0</u>	<u>102</u>	<u>0</u>	<u>151</u>	
P 2 <u>5</u>	<u>41</u>	<u>3</u>	<u>433</u>	<u>5</u>	<u>103</u>	<u>3</u>	<u>418</u>	
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P 6 <u>25</u>	<u>78</u>	<u>15</u>	<u>651</u>	<u>25</u>	<u>124</u>	<u>15</u>	<u>620</u>	
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P10		<u>27</u>	<u>683</u>	<u>45</u>	<u>147</u>	<u>27</u>	<u>653</u>	
P11		<u>30</u>	<u>685</u>	<u>50</u>	<u>150</u>	<u>30</u>	<u>659</u>	
P12				<u>55</u>	<u>151</u>	<u>33</u>	<u>662</u>	
P13						<u>36</u>	<u>665</u>	
P14						<u>39</u>	<u>669</u>	
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P16						<u>45</u>	<u>674</u>	
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P19						<u>54</u>	<u>683</u>	
P20						<u>57</u>	<u>685</u>	
						<u>60</u>	<u>687</u>	
						<u>63</u>	<u>689</u>	