



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO. ' 6006

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

Elevation 1285 KB Formation Miss Eff. Pay - Ft.

District Augusta Date 6-11-80 Customer Order No. -

COMPANY NAME Range Oil Co. Inc.

ADDRESS 240 Page Court 220 W Douglas Wichita, Ks 67202

LEASE AND WELL NO. Wilson B #1 COUNTY Butler STATE Ks. Sec. 24 Twp. 25s Rge. 3E

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

Mail Charts To Same Address No. Copies Requested 5

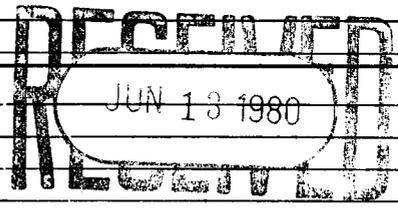
Formation Test No. 1 Interval Tested from 2661 ft. to 2670 ft. Total Depth 2670 ft. Packer Depth 2661 ft. Size 6 3/4 in. Packer Depth 2656 ft. Size 6 3/4 in. Packer Depth - ft. Size - in. Depth of Selective Zone Set

Top Recorder Depth (Inside) 2663 ft. Recorder Number 1559 Cap. 4200 Bottom Recorder Depth (Outside) 2666 ft. Recorder Number 1558 Cap. 4200 Below Straddle Recorder Depth - ft. Recorder Number - Cap.

Drilling Contractor Range Drilling Co #1 Drill Collar Length 90 I. D. 2 1/4 in. Mud Type Chem Viscosity 43 Weight Pipe Length - I. D. - in. Weight 10.4 Water Loss 17.6 cc. Drill Pipe Length 2551 I. D. 3.8 in. Chlorides 3100 P.P.M. Test Tool Length 29 ft. Tool Size 5'200 in. Jars: Make - Serial Number - Anchor Length 9 ft. Size 5'200 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 X H in.

Blow: 2 break thruout test

Recovered 60 ft. of Gas in pipe Recovered 20 ft. of Fine oil Recovered 30 ft. of Oil cut mud Recovered - ft. of Recovered - ft. of



Remarks: On location 4:45 AM Pick up tool 7:00 AM job completed @ 2:00 PM 6-11-80

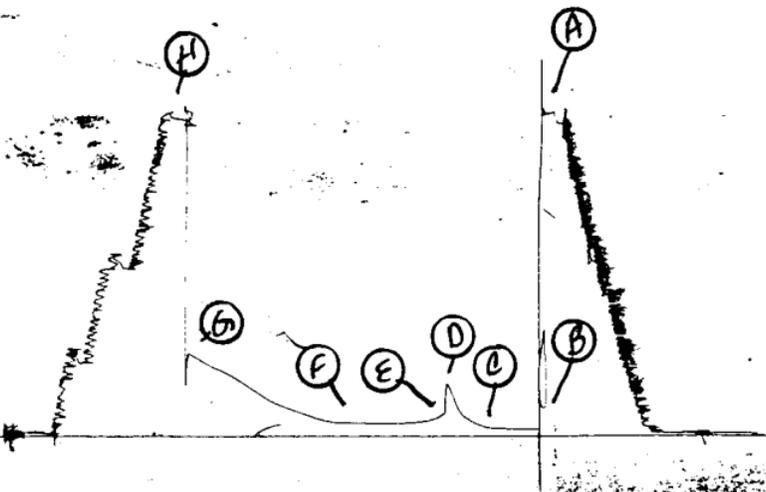
Table with 4 columns: Time Set, Packer(s), Time Started Off Bottom, Maximum Temperature. Rows include Initial Hydrostatic Pressure, Initial Flow Period, Initial Closed In Period, Final Flow Period, Final Closed In Period, Final Hydrostatic Pressure.

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... Test Approved By Signature of Customer or his authorized representative Western Representative Norman Allen

FIELD INVOICE table listing items and costs: Open Hole Test \$550.00, Mileage X. 754 \$15.00, TOTAL \$565.00

TKT # 6006

I



WESTERN TESTING CO., INC.
Pressure Data

Date 6-11-80 Test Ticket No. 6006
 Recorder No. 1559 Capacity 4200 Location 2663 Ft.
 Clock No. _____ Elevation 1285 XB Well Temperature 101 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1427</u> P.S.I.	Open Tool	<u>8:31</u> A M	
B First Initial Flow Pressure	<u>28</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>37</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>233</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>95</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>96</u> Mins.
F Second Final Flow Pressure	<u>60</u> P.S.I.			
G Final Closed-in Pressure	<u>360</u> P.S.I.			
H Final Hydrostatic Mud	<u>1408</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 9 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: 32 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.		
P 1	<u>0</u>	<u>0</u>	<u>28</u>	<u>0</u>	<u>37</u>	<u>0</u>	<u>95</u>	<u>0</u>	<u>60</u>
P 2	<u>5</u>	<u>3</u>	<u>30</u>	<u>3</u>	<u>42</u>	<u>3</u>	<u>41</u>	<u>3</u>	<u>60</u>
P 3	<u>10</u>	<u>6</u>	<u>30</u>	<u>6</u>	<u>50</u>	<u>6</u>	<u>73</u>	<u>6</u>	<u>63</u>
P 4	<u>15</u>	<u>9</u>	<u>30</u>	<u>9</u>	<u>61</u>	<u>9</u>	<u>67</u>	<u>9</u>	<u>66</u>
P 5	<u>20</u>	<u>12</u>	<u>30</u>	<u>12</u>	<u>73</u>	<u>12</u>	<u>63</u>	<u>12</u>	<u>73</u>
P 6	<u>25</u>	<u>15</u>	<u>35</u>	<u>15</u>	<u>88</u>	<u>15</u>	<u>61</u>	<u>15</u>	<u>79</u>
P 7	<u>30</u>	<u>18</u>	<u>37</u>	<u>18</u>	<u>109</u>	<u>18</u>	<u>60</u>	<u>18</u>	<u>86</u>
P 8	<u>35</u>	<u>21</u>	<u>37</u>	<u>21</u>	<u>155</u>	<u>21</u>	<u>60</u>	<u>21</u>	<u>93</u>
P 9	<u>40</u>	<u>24</u>	<u>37</u>	<u>24</u>	<u>207</u>	<u>24</u>	<u>60</u>	<u>24</u>	<u>100</u>
P 10	<u>45</u>	<u>27</u>	<u>37</u>	<u>27</u>	<u>233</u>	<u>27</u>	<u>60</u>	<u>27</u>	<u>109</u>
P 11	<u>50</u>	<u>30</u>	<u>37</u>	<u>30</u>		<u>30</u>	<u>60</u>	<u>30</u>	<u>117</u>
P 12	<u>55</u>	<u>33</u>	<u>37</u>	<u>33</u>		<u>33</u>	<u>60</u>	<u>33</u>	<u>124</u>
P 13	<u>60</u>	<u>36</u>	<u>37</u>	<u>36</u>		<u>36</u>	<u>60</u>	<u>36</u>	<u>134</u>
P 14		<u>39</u>	<u>37</u>	<u>39</u>		<u>39</u>	<u>60</u>	<u>39</u>	<u>141</u>
P 15		<u>42</u>	<u>37</u>	<u>42</u>		<u>42</u>	<u>60</u>	<u>42</u>	<u>149</u>
P 16		<u>45</u>	<u>37</u>	<u>45</u>		<u>45</u>	<u>60</u>	<u>45</u>	<u>162</u>
P 17		<u>48</u>	<u>37</u>	<u>48</u>		<u>48</u>	<u>60</u>	<u>48</u>	<u>178</u>
P 18		<u>51</u>	<u>37</u>	<u>51</u>		<u>51</u>	<u>60</u>	<u>51</u>	<u>189</u>
P 19		<u>54</u>	<u>37</u>	<u>54</u>		<u>54</u>	<u>60</u>	<u>54</u>	<u>203</u>
P 20		<u>57</u>	<u>37</u>	<u>57</u>		<u>57</u>	<u>60</u>	<u>57</u>	<u>217</u>
		<u>60</u>	<u>37</u>	<u>60</u>		<u>60</u>	<u>60</u>	<u>60</u>	<u>231</u>

WESTERN TESTING CO., INC.
Pressure Data

Test Ticket No. 6006

Order No. _____ Capacity _____ Location _____

Well Temperature _____

Time	Pressure	Open Tool	Time Given	Time Computed
			Mins.	Mins.
Initial Hydrostatic Mud	P.S.I.			
First Initial Flow Pressure	P.S.I.	First Flow Pressure		
First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure		
Initial Closed-in Pressure	P.S.I.	Second Flow Pressure		
Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure		
Second Final Flow Pressure	P.S.I.			
Final Closed-in Pressure	P.S.I.			
Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

Point Nos.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In	
	Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
	Press.	Point Minutes	Press.	Point Minutes	Press.
1		63		63	247
2		66		66	258
3		69		69	271
4		72		72	282
5		75		75	293
6		78		78	302
7		81		81	311
8		84		84	324
9		87		87	334
10		90		90	347
11		93		93	357
12		96		96	366
13		99		99	
14		102		102	
15		105		105	
16		108		108	
17		111		111	
18		114		114	
19		117		117	
20		120		120	

Company Range Oil Company, Inc. Lease & Well No. Wilson "B" #1
 Elevation 1285 Kelly Bushing Mississippi Effective Pay ---- Ft. Ticket No. 6006
 Date 6/11/80 Sec. 24 Twp. 25S Range 3E County Butler State Kansas
 Test Approved by Stephen M. Kreidler Western Representative Norman Allen

Formation Test No. 1 Interval Tested from 2661 ft. to 2670 ft. Total Depth 2670 ft.
 Packer Depth 2661 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 2656 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 2663 ft. Recorder Number 1559 Cap. 4200
 Bottom Recorder Depth (Outside) 2666 ft. Recorder Number 1558 Cap. 4200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Range Drilling Co. Rig #1 Drill Collar Length 90 I. D. 2 3/4 in.
 Mud Type chemical Viscosity 43 Weight Pipe Length - I. D. - in.
 Weight 10.4 Water Loss 17.6 cc. Drill Pipe Length 2551 I. D. 3.8 in.
 Chlorides 3,100 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 O D in.
 Jars: Make - Serial Number - Anchor Length 9 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: Weak throughout test.

Recovered 60 ft. of gas in pipe
 Recovered 20 ft. of free oil
 Recovered 30 ft. of oil cut mud
 Recovered ft. of
 Recovered ft. of

Remarks: _____

Time Set Packer(s) 8:31 A.M. Time Started Off Bottom 12:01 A.M. Maximum Temperature 101°
P.M. P.M.
 Initial Hydrostatic Pressure (A) 1427 P.S.I.
 Initial Flow Period Minutes 30 (B) 28 P.S.I. to (C) 37 P.S.I.
 Initial Closed In Period Minutes 27 (D) 233 P.S.I.
 Final Flow Period Minutes 60 (E) 95 P.S.I. to (F) 60 P.S.I.
 Final Closed In Period Minutes 96 (G) 366 P.S.I.
 Final Hydrostatic Pressure (H) 1408 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 6-11-80 Test Ticket No. 6006
 Recorder No. 1559 Capacity 4200 Location 2663 Ft.
 Clock No. - Elevation 1285 Kelly Bushing Well Temperature 101 °F

Point	Pressure			Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1427</u>	P.S.I.	Open Tool	<u>8:31A.</u>	<u>M</u>
B First Initial Flow Pressure	<u>28</u>	P.S.I.	First Flow Pressure	<u>30</u>	<u>30</u> Mins.
C First Final Flow Pressure	<u>37</u>	P.S.I.	Initial Closed-in Pressure	<u>30</u>	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>233</u>	P.S.I.	Second Flow Pressure	<u>60</u>	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>95</u>	P.S.I.	Final Closed-in Pressure	<u>90</u>	<u>96</u> Mins.
F Second Final Flow Pressure	<u>60</u>	P.S.I.			
G Final Closed-in Pressure	<u>366</u>	P.S.I.			
H Final Hydrostatic Mud	<u>1408</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>9</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>32</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u>	<u>28</u>	<u>0</u>	<u>37</u>	<u>0</u>	<u>95</u>	<u>0</u>	<u>60</u>
P 2	<u>5</u>	<u>30</u>	<u>3</u>	<u>42</u>	<u>5</u>	<u>41</u>	<u>3</u>	<u>60</u>
P 3	<u>10</u>	<u>30</u>	<u>6</u>	<u>50</u>	<u>10</u>	<u>73</u>	<u>6</u>	<u>63</u>
P 4	<u>15</u>	<u>30</u>	<u>9</u>	<u>61</u>	<u>15</u>	<u>67</u>	<u>9</u>	<u>66</u>
P 5	<u>20</u>	<u>30</u>	<u>12</u>	<u>73</u>	<u>20</u>	<u>63</u>	<u>12</u>	<u>73</u>
P 6	<u>25</u>	<u>35</u>	<u>15</u>	<u>88</u>	<u>25</u>	<u>61</u>	<u>15</u>	<u>79</u>
P 7	<u>30</u>	<u>37</u>	<u>18</u>	<u>109</u>	<u>30</u>	<u>60</u>	<u>18</u>	<u>86</u>
P 8			<u>21</u>	<u>155</u>	<u>35</u>	<u>60</u>	<u>21</u>	<u>93</u>
P 9			<u>24</u>	<u>207</u>	<u>40</u>	<u>60</u>	<u>24</u>	<u>100</u>
P10			<u>27</u>	<u>233</u>	<u>45</u>	<u>60</u>	<u>27</u>	<u>109</u>
P11					<u>50</u>	<u>60</u>	<u>30</u>	<u>117</u>
P12					<u>55</u>	<u>60</u>	<u>33</u>	<u>124</u>
P13					<u>60</u>	<u>60</u>	<u>36</u>	<u>134</u>
P14							<u>39</u>	<u>141</u>
P15							<u>42</u>	<u>149</u>
P16							<u>45</u>	<u>162</u>
P17							<u>48</u>	<u>178</u>
P18							<u>51</u>	<u>189</u>
P19							<u>54</u>	<u>203</u>
P20							<u>57</u>	<u>217</u>
							<u>60</u>	<u>231</u>

WESTERN TESTING CO., INC.
Pressure Data

Date 6-11-80 Test Ticket No. 6006
 Recorder No. 1559 Capacity 4200 Location 2663 Ft.
 Clock No. - Elevation 1285 Kelly Bushing Well Temperature 101 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1427</u> P.S.I.	Open Tool	<u>8:31A.</u> M	
B First Initial Flow Pressure	<u>28</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>37</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>233</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>95</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>96</u> Mins.
F Second Final Flow Pressure	<u>60</u> P.S.I.			
G Final Closed-in Pressure	<u>366</u> P.S.I.			
H Final Hydrostatic Mud	<u>1408</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>9</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>32</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1				63	247		
P 2				66	258		
P 3				69	271		
P 4				72	282		
P 5				75	293		
P 6				78	302		
P 7				81	311		
P 8				84	324		
P 9				87	334		
P10				90	347		
P11				93	357		
P12				96	366		
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO. 6007

P. O. BOX 1599 WICHITA, KANSAS 67201

Elevation 1285 KB Formation Miss Eff. Pay Ft.

District Augusta Date 6-12-80 Customer Order No. -

COMPANY NAME Range Oil Co. Inc.

ADDRESS 240 Page Court 220 W Douglas Wichita, Ks 67202

LEASE AND WELL NO. Wilson "B" #1 COUNTY Butler STATE Ks. Sec. 24 Twp. 25 Rge. 3E

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

Mail Charts To Same Co. Name Address No. Copies Requested 5

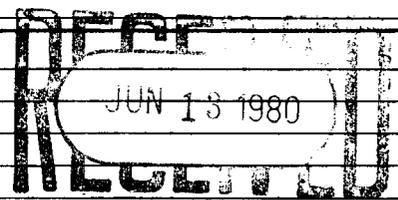
Formation Test No. 2 Interval Tested from 2704 ft. to 2715 ft. Total Depth 2715 ft.
Packer Depth 2704 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 2699 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2708 ft. Recorder Number 1559 Cap 4200
Bottom Recorder Depth (Outside) 2711 ft. Recorder Number 1558 Cap 4200
Below Straddle Recorder Depth - ft. Recorder Number - Cap -

Drilling Contractor Range Oil Co. Drill Collar Length 90 I. D. 2 1/4 in.
Mud Type Chem Viscosity 44 Weight Pipe Length - I. D. - in.
Weight 10.5 Water Loss 17.6 cc. Drill Pipe Length 2594 I. D. 3.8 in.
Chlorides 3100 P.P.M. Test Tool Length 31 ft. Tool Size 5 200 in.
Jars: Make - Serial Number - Anchor Length 11 ft. Size 5 200 in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 1/2 in. Tool Joint Size 4 1/2 XH in.

Blow: Air thruout test

Recovered 3 ft. of Freeoil
Recovered 470 ft. of Saltwater
Recovered ft. of
Recovered ft. of
Recovered ft. of



Remarks:

On location 10:45 PM Pick up tool 11:15 PM Job complete @ 7:00 AM 6-12-80

Table with 4 columns: Time Set Packer(s), A.M./P.M., Time Started Off Bottom, A.M./P.M., Maximum Temperature. Rows include Initial Hydrostatic Pressure, Initial Flow Period, Initial Closed In Period, Final Flow Period, Final Closed In Period, Final Hydrostatic Pressure.

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: [Signature] Signature of Customer or his authorized representative

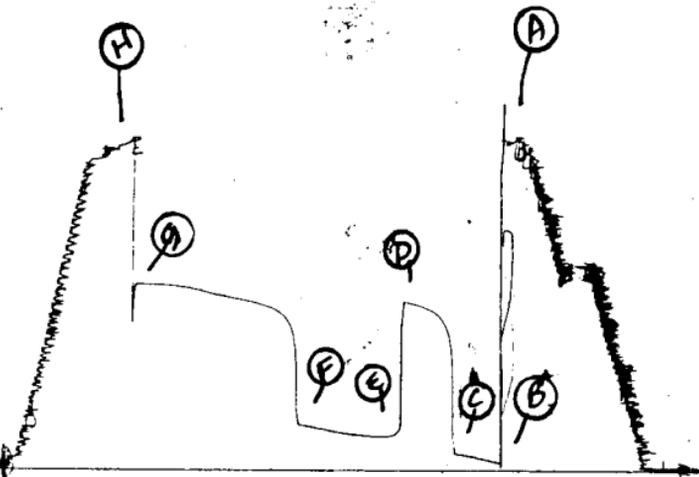
Western Representative Norman Allen

FIELD INVOICE

Table with 2 columns: Item, Amount. Items include Open Hole Test (\$550.00), Mileage X 75¢ (\$15.00), TOTAL (\$565.00).

TKT #6007

J.



1559

WESTERN TESTING CO., INC.

Pressure Data

Date 6-12-80 Test Ticket No. 6007
 Recorder No. 1559 Capacity 4200 Location 2708 Ft.
 Clock No. _____ Elevation 1285 XB Well Temperature 105 °F
 Point _____ Pressure _____ Time Given _____ Time Computed _____
 A Initial Hydrostatic Mud 1436 P.S.I. Open Tool 12130 A M
 B First Initial Flow Pressure 32 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 C First Final Flow Pressure 73 P.S.I. Initial Closed-in Pressure 30 Mins. 30 Mins.
 D Initial Closed-in Pressure 735 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 E Second Initial Flow Pressure 172 P.S.I. Final Closed-in Pressure 90 Mins. 96 Mins.
 F Second Final Flow Pressure 202 P.S.I.
 G Final Closed-in Pressure 811 P.S.I.
 H Final Hydrostatic Mud 1405 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>12</u> Inc.		Breakdown: <u>32</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>32</u>	0	<u>73</u>	0	<u>172</u>	0	<u>202</u>
P 2	<u>43</u>	3	<u>533</u>	5	<u>157</u>	3	<u>596</u>
P 3	<u>54</u>	6	<u>634</u>	10	<u>154</u>	6	<u>653</u>
P 4	<u>64</u>	9	<u>673</u>	15	<u>154</u>	9	<u>684</u>
P 5	<u>70</u>	12	<u>692</u>	20	<u>157</u>	12	<u>698</u>
P 6	<u>73</u>	15	<u>705</u>	25	<u>159</u>	15	<u>709</u>
P 7	<u>73</u>	18	<u>713</u>	30	<u>164</u>	18	<u>718</u>
P 8		21	<u>720</u>	35	<u>167</u>	21	<u>724</u>
P 9		24	<u>726</u>	40	<u>175</u>	24	<u>730</u>
P10		27	<u>731</u>	45	<u>183</u>	27	<u>735</u>
P11		30	<u>735</u>	50	<u>188</u>	30	<u>741</u>
P12		33		55	<u>195</u>	33	<u>744</u>
P13		36		60	<u>202</u>	36	<u>749</u>
P14		39		65		39	<u>751</u>
P15		42		70		42	<u>755</u>
P16		45		75		45	<u>761</u>
P17		48		80		48	<u>766</u>
P18		51		85		51	<u>769</u>
P19		54		90		54	<u>777</u>
P20		57				57	<u>783</u>
		60				60	<u>783</u>

cont

**WESTERN TESTING CO., INC.
Pressure Data**

Test Ticket No. _____

Order No. _____ Capacity _____ Location _____

Well No. _____ Elevation _____ Well Temperature _____

Time	Pressure	Open Tool	Time	
			Given	Computed
Initial Hydrostatic Mud	_____ P.S.I.	_____	_____ Mins	_____ Mi
First Initial Flow Pressure	_____ P.S.I.	First Flow Pressure	_____ Mins	_____ Mi
First Final Flow Pressure	_____ P.S.I.	Initial Closed-in Pressure	_____ Mins	_____ Mi
Initial Closed-in Pressure	_____ P.S.I.	Second Flow Pressure	_____ Mins	_____ Mi
Second Initial Flow Pressure	_____ P.S.I.	Final Closed-in Pressure	_____ Mins	_____ Mi
Second Final Flow Pressure	_____ P.S.I.			
Final Closed-in Pressure	_____ P.S.I.			
Final Hydrostatic Mud	_____ P.S.I.			

PRESSURE BREAKDOWN

Point Minutes	Press.	Initial Shut-In		Second Flow Pressure		Final Shut-In	
		Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
		Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
1		63				63	788
2		66				66	793
3		69				69	797
4		72				72	801
5		75				75	806
6		78				78	807
7		81				81	808
8		84				84	809
9		87				87	810
10		90				90	811
11		93				93	811
12		96				96	811
13		99				99	
14		102				102	
15		105				105	
16		108				108	
17		111				111	
18		114				114	
19		117				117	
20		120				120	

Company Range Oil Company, Inc. Lease & Well No. Wilson "B" #1
 Elevation 1285 Kelly Bushing Mississippi Effective Pay ----- Ft. Ticket No. 6007
 Date 6/12/80 Sec. 24 Twp. 25S Range 3E County Butler State Kansas
 Test Approved by Stephen M. Kreidler Western Representative Norman Allen

Formation Test No. 2 Interval Tested from 2704 ft. to 2715 ft. Total Depth 2715 ft.
 Packer Depth 2704 ft. Size 6 3/4 Packer Depth - ft. Size - in.
 Packer Depth 2699 ft. Size 6 3/4 Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 2708 ft. Recorder Number 1559 Cap. 4200
 Bottom Recorder Depth (Outside) 2711 ft. Recorder Number 1558 Cap. 4200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Range Drilling Co. Drill Collar Length 90 I. D. 2 1/4 in.
 Mud Type chemical Viscosity 44 Weight Pipe Length - I. D. - in.
 Weight 10.5 Water Loss 17.6 cc. Drill Pipe Length 2594 I. D. 3.8 in.
 Chlorides 3,100 P.P.M. Test Tool Length 31 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 11 ft. Size 5 1/2 OD
 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 throughout test.

Recovered 3 ft. of free oil
 Recovered 470 ft. of salt water
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 12:30 A.M. Time Started Off Bottom 4:00 A.M. Maximum Temperature 105°
P.M. P.M.
 Initial Hydrostatic Pressure (A) 1436 P.S.I.
 Initial Flow Period (B) 32 Minutes P.S.I. to (C) 73 P.S.I.
 Initial Closed In Period (D) 735 Minutes P.S.I.
 Final Flow Period (E) 172 Minutes P.S.I. to (F) 202 P.S.I.
 Final Closed In Period (G) 811 Minutes P.S.I.
 Final Hydrostatic Pressure (H) 1405 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 6-12-80

Test Ticket No. 6007

Recorder No. 1559

Capacity 4200

Location 2708 Ft.

Clock No. _____ Elevation _____

1285 Kelly Bushing

Well Temperature 105 °F

Point	Pressure	
A Initial Hydrostatic Mud	1436	P.S.I.
B First Initial Flow Pressure	32	P.S.I.
C First Final Flow Pressure	73	P.S.I.
D Initial Closed-in Pressure	735	P.S.I.
E Second Initial Flow Pressure	172	P.S.I.
F Second Final Flow Pressure	202	P.S.I.
G Final Closed-in Pressure	811	P.S.I.
H Final Hydrostatic Mud	1405	P.S.I.

Open Tool
 First Flow Pressure
 Initial Closed-in Pressure
 Second Flow Pressure
 Final Closed-in Pressure

Time Given	Time Computed
12:30 A	M
30	30
30	30
60	60
90	96

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 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: 32 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>32</u>	<u>0</u>	<u>73</u>	<u>0</u>	<u>172</u>	<u>0</u>	<u>202</u>
P 2 <u>5</u>	<u>43</u>	<u>3</u>	<u>533</u>	<u>5</u>	<u>157</u>	<u>3</u>	<u>596</u>
P 3 <u>10</u>	<u>54</u>	<u>6</u>	<u>634</u>	<u>10</u>	<u>154</u>	<u>6</u>	<u>653</u>
P 4 <u>15</u>	<u>64</u>	<u>9</u>	<u>673</u>	<u>15</u>	<u>154</u>	<u>9</u>	<u>684</u>
P 5 <u>20</u>	<u>70</u>	<u>12</u>	<u>692</u>	<u>20</u>	<u>157</u>	<u>12</u>	<u>698</u>
P 6 <u>25</u>	<u>73</u>	<u>15</u>	<u>705</u>	<u>25</u>	<u>159</u>	<u>15</u>	<u>709</u>
P 7 <u>30</u>	<u>73</u>	<u>18</u>	<u>713</u>	<u>30</u>	<u>164</u>	<u>18</u>	<u>718</u>
P 8 _____		<u>21</u>	<u>720</u>	<u>35</u>	<u>167</u>	<u>21</u>	<u>724</u>
P 9 _____		<u>24</u>	<u>726</u>	<u>40</u>	<u>175</u>	<u>24</u>	<u>730</u>
P10 _____		<u>27</u>	<u>731</u>	<u>45</u>	<u>183</u>	<u>27</u>	<u>735</u>
P11 _____		<u>30</u>	<u>735</u>	<u>50</u>	<u>188</u>	<u>30</u>	<u>741</u>
P12 _____				<u>55</u>	<u>195</u>	<u>33</u>	<u>744</u>
P13 _____				<u>60</u>	<u>202</u>	<u>36</u>	<u>749</u>
P14 _____						<u>39</u>	<u>751</u>
P15 _____						<u>42</u>	<u>755</u>
P16 _____						<u>45</u>	<u>761</u>
P17 _____						<u>48</u>	<u>766</u>
P18 _____						<u>51</u>	<u>769</u>
P19 _____						<u>54</u>	<u>777</u>
P20 _____						<u>57</u>	<u>783</u>
						<u>60</u>	<u>783</u>

WESTERN TESTING CO., INC.
Pressure Data

Date 6-12-80

Test Ticket No. 6007

Recorder No. 1559

Capacity 4200

Location 2708 Ft.

Clock No. _____

Elevation 1285 Kelly Bushing

Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1436</u> P.S.I.	Open Tool	<u>12:30</u> A	
B First Initial Flow Pressure	<u>32</u> P.S.I.	First Flow Pressure	<u>30</u> Mins	<u>30</u> Mins
C First Final Flow Pressure	<u>73</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins	<u>30</u> Mins
D Initial Closed-in Pressure	<u>735</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins	<u>60</u> Mins
E Second Initial Flow Pressure	<u>172</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins	<u>96</u> Mins
F Second Final Flow Pressure	<u>202</u> P.S.I.			
G Final Closed-in Pressure	<u>811</u> P.S.I.			
H Final Hydrostatic Mud	<u>1405</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 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: 32 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	Mins.	Press.	Point	Minutes	Press.	Point	Minutes	Press.
P 1							<u>63</u>	<u>788</u>
P 2							<u>66</u>	<u>793</u>
P 3							<u>69</u>	<u>797</u>
P 4							<u>72</u>	<u>801</u>
P 5							<u>75</u>	<u>806</u>
P 6							<u>78</u>	<u>807</u>
P 7							<u>81</u>	<u>808</u>
P 8							<u>84</u>	<u>809</u>
P 9							<u>87</u>	<u>810</u>
P10							<u>90</u>	<u>811</u>
P11							<u>93</u>	<u>811</u>
P12							<u>96</u>	<u>811</u>
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								