



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No. 5921
Simpson

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

Elevation 1263 Kb Formation Simp. Eff. Pay Ft.

District Augusta Date Sept 12, 1980 Customer Order No.

COMPANY NAME Bain & Williamson Oil Co., Inc.

ADDRESS 435 Page Court

LEASE AND WELL NO. Frazier #1 COUNTY Sumner STATE Ka Sec. 18 Twp. 335 Rge. 3W

Mail Invoice To Same #1 Frazier No. Copies Requested 1

Co. Name Address

Mail Charts To Same No. Copies Requested 5

Formation Test No. 3 Interval Tested from 4460 ft. to 4502 ft. Total Depth 4502 ft.

Packer Depth 4460 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4455 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4464 ft. Recorder Number 2605 Cap 4150

Bottom Recorder Depth (Outside) 4468 ft. Recorder Number 10980 Cap 4200

Below Straddle Recorder Depth ft. Recorder Number Cap

Drilling Contractor Co Tools #3 Drill Collar Length 310 I. D. in.

Mud Type Chem Viscosity 41 Weight Pipe Length I. D. in.

Weight 9.2 Water Loss 12.4 cc. Drill Pipe Length 24126 I. D. in.

Chlorides 4100 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 in.

Jars: Make NO Serial Number Anchor Length 42 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out 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: good blow throughout test

Recovered 3140 ft. of gas in pipe

Recovered 60 ft. of gassy mud Very slightly Oil Cut

Recovered 60 ft. of gassy oil cut mud

Recovered 120 ft. of gassy oil cut mud

Recovered ft. of

Remarks: On location 1 P.M. Pickup tools 1:45,

Time Set Packer(s) 4:30 P.M. Time Started Off Bottom 8:00 P.M. Maximum Temperature

Initial Hydrostatic Pressure (A) 2194 P.S.I.

Initial Flow Period Minutes 45 (B) 31 P.S.I. to (C) 63 P.S.I.

Initial Closed In Period Minutes 60 (D) 1264 P.S.I.

Final Flow Period Minutes 45 (E) 84 P.S.I. to (F) 105 P.S.I.

Final Closed In Period Minutes 60 (G) 1068 P.S.I.

Final Hydrostatic Pressure (H) 2110 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 John R. Rose John Rose
Signature of Customer or his authorized representative

Western Representative Kenny Kirkendall

FIELD INVOICE

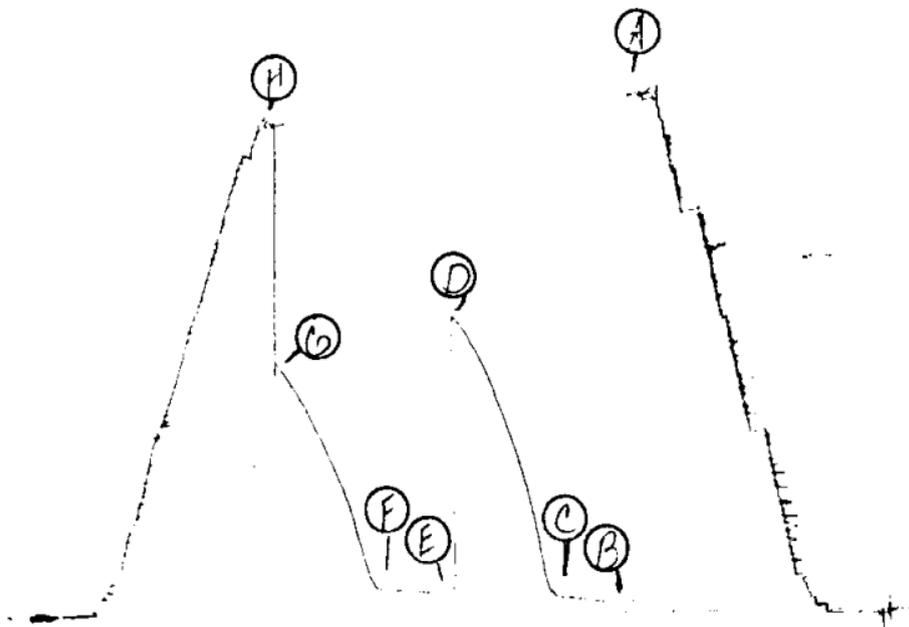
Open Hole Test	\$ 600.00
Misrun	\$
Straddle Test	\$
Jars	\$
Selective Zone	\$
Safety Joint	\$ 50.00
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage	\$ 57.75
Fluid Sampler	\$
Extra Charts	\$

TOTAL \$ 707.75

INT #5921
I

2605

#3



WESTERN TESTING CO., INC.
Pressure Data

Date 9-12-80

Test Ticket No. 5921

Recorder No. 2605

Capacity 4150

Location 4464 Ft.

Clock No. _____

Elevation 1263 KB

Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2201</u> P.S.I.	Open Tool	<u>4:30</u> PM	
B First Initial Flow Pressure	<u>38</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>65</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.
D Initial Closed-in Pressure	<u>1271</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>95</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>106</u> P.S.I.			
G Final Closed-in Pressure	<u>1066</u> P.S.I.			
H Final Hydrostatic Mud	<u>2115</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: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 21 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>38</u>	<u>0</u>	<u>65</u>	<u>0</u>	<u>95</u>	<u>0</u>	<u>106</u>
P 2	<u>5</u>	<u>3</u>	<u>36</u>	<u>91</u>	<u>5</u>	<u>93</u>	<u>3</u>	<u>133</u>	
P 3	<u>10</u>	<u>6</u>	<u>38</u>	<u>121</u>	<u>10</u>	<u>93</u>	<u>6</u>	<u>178</u>	
P 4	<u>15</u>	<u>9</u>	<u>114</u>	<u>210</u>	<u>15</u>	<u>93</u>	<u>9</u>	<u>246</u>	
P 5	<u>20</u>	<u>12</u>	<u>50</u>	<u>307</u>	<u>20</u>	<u>93</u>	<u>12</u>	<u>318</u>	
P 6	<u>25</u>	<u>15</u>	<u>56</u>	<u>409</u>	<u>25</u>	<u>100</u>	<u>15</u>	<u>398</u>	
P 7	<u>30</u>	<u>18</u>	<u>61</u>	<u>487</u>	<u>30</u>	<u>101</u>	<u>18</u>	<u>455</u>	
P 8	<u>35</u>	<u>21</u>	<u>65</u>	<u>579</u>	<u>35</u>	<u>104</u>	<u>21</u>	<u>519</u>	
P 9	<u>40</u>	<u>24</u>	<u>65</u>	<u>643</u>	<u>40</u>	<u>106</u>	<u>24</u>	<u>568</u>	
P10	<u>45</u>	<u>27</u>	<u>65</u>	<u>713</u>	<u>45</u>		<u>27</u>	<u>618</u>	
P11	<u>50</u>	<u>30</u>		<u>769</u>	<u>50</u>		<u>30</u>	<u>657</u>	
P12	<u>55</u>	<u>33</u>		<u>838</u>	<u>55</u>		<u>33</u>	<u>711</u>	
P13	<u>60</u>	<u>36</u>		<u>894</u>	<u>60</u>		<u>36</u>	<u>757</u>	
P14		<u>39</u>		<u>954</u>	<u>65</u>		<u>39</u>	<u>798</u>	
P15		<u>42</u>		<u>1004</u>	<u>70</u>		<u>42</u>	<u>842</u>	
P16		<u>45</u>		<u>1054</u>	<u>75</u>		<u>45</u>	<u>884</u>	
P17		<u>48</u>		<u>1093</u>	<u>80</u>		<u>48</u>	<u>921</u>	
P18		<u>51</u>		<u>1135</u>	<u>85</u>		<u>51</u>	<u>963</u>	
P19		<u>54</u>		<u>1176</u>	<u>90</u>		<u>54</u>	<u>994</u>	
P20		<u>57</u>		<u>1209</u>			<u>57</u>	<u>1023</u>	
		<u>60</u>		<u>1240</u>			<u>60</u>	<u>1050</u>	
		<u>63</u>		<u>1271</u>			<u>63</u>	<u>1066</u>	

Company Rains & Williamson Oil Company, Inc. Lease & Well No. #1 Frazier
 Elevation 1263 Kelly Bushing Registration Simpson Effective Pay ----- Ft. Ticket No. 5921
 Date 9/12/80 Sec. 18 Twp. 33 S Range 3 W County Sumner State KS
 Test Approved by John Rose Western Representative Kenny Kirkendall

Formation Test No. 3 Interval Tested from 4460 ft. to 4502 ft. Total Depth 4502 ft.
 Packer Depth 4460 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.
 Packer Depth 4455 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.
 Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 4464 ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) 4468 ft. Recorder Number 10980 Cap. 4200
 Below Straddle Recorder Depth ----- ft. Recorder Number ----- Cap. -----

Drilling Contractor Rains & Williamson Drilling Rig #3 Drill Collar Length 310 I. D. ----- in.
 Mud Type Chemical Viscosity 41 Weight Pipe Length ----- I. D. ----- in.
 Weight 9.2 Water Loss 12.4 cc. Drill Pipe Length 4126 I. D. ----- in.
 Chlorides 4,100 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 in.
 Jars: Make NO Serial Number ----- Anchor Length 42 ft. Size 5 1/2 in.
 Did Well Flow? NO Reversed Out ----- 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: Good blow throughout test.

Recovered 3140 ft. of Gas in pipe.
 Recovered 60 ft. of Gassy mud, very slightly oil cut.
 Recovered 60 ft. of Gassy slightly oil cut mud.
 Recovered 120 ft. of Gassy oil cut mud.
 Recovered ft. of

Remarks:

Time Set Packer(s) 4:30 ~~AM~~ P.M. Time Started Off Bottom 8:00 ~~AM~~ P.M. Maximum Temperature -----
 Initial Hydrostatic Pressure 2201 (A) P.S.I.
 Initial Flow Period 45 (B) 38 P.S.I. to (C) 65 P.S.I.
 Initial Closed In Period 63 (D) 1271 P.S.I.
 Final Flow Period 45 (E) 95 P.S.I. to (F) 106 P.S.I.
 Final Closed In Period 63 (G) 1066 P.S.I.
 Final Hydrostatic Pressure 2115 (H) P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 9-12-80

Test Ticket No. 5921

Recorder No. 2605 Capacity 4150 Location 4464 Ft.

Clock No. ----- Elevation 1263 Kelly Bushing Well Temperature --- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2201</u> P.S.I.	Open Tool	<u>4:30 P</u> M	
B First Initial Flow Pressure	<u>38</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>65</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.
D Initial Closed-in Pressure	<u>1271</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>95</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>106</u> P.S.I.			
G Final Closed-in Pressure	<u>1066</u> P.S.I.			
H Final Hydrostatic Mud	<u>2115</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.
	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.							
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1 <u>0</u>	<u>38</u>	<u>0</u>	<u>65</u>	<u>0</u>	<u>95</u>	<u>0</u>	<u>106</u>	
P 2 <u>5</u>	<u>36</u>	<u>3</u>	<u>91</u>	<u>5</u>	<u>93</u>	<u>3</u>	<u>133</u>	
P 3 <u>10</u>	<u>38</u>	<u>6</u>	<u>121</u>	<u>10</u>	<u>93</u>	<u>6</u>	<u>178</u>	
P 4 <u>15</u>	<u>44</u>	<u>9</u>	<u>210</u>	<u>15</u>	<u>93</u>	<u>9</u>	<u>246</u>	
P 5 <u>20</u>	<u>50</u>	<u>12</u>	<u>307</u>	<u>20</u>	<u>93</u>	<u>12</u>	<u>318</u>	
P 6 <u>25</u>	<u>56</u>	<u>15</u>	<u>409</u>	<u>25</u>	<u>93</u>	<u>15</u>	<u>398</u>	
P 7 <u>30</u>	<u>61</u>	<u>18</u>	<u>487</u>	<u>30</u>	<u>100</u>	<u>18</u>	<u>455</u>	
P 8 <u>35</u>	<u>65</u>	<u>21</u>	<u>579</u>	<u>35</u>	<u>101</u>	<u>21</u>	<u>519</u>	
P 9 <u>40</u>	<u>65</u>	<u>24</u>	<u>643</u>	<u>40</u>	<u>104</u>	<u>24</u>	<u>568</u>	
P10 <u>45</u>	<u>65</u>	<u>27</u>	<u>713</u>	<u>45</u>	<u>106</u>	<u>27</u>	<u>618</u>	
P11		<u>30</u>	<u>769</u>			<u>30</u>	<u>657</u>	
P12		<u>33</u>	<u>838</u>			<u>33</u>	<u>711</u>	
P13		<u>36</u>	<u>894</u>			<u>36</u>	<u>757</u>	
P14		<u>39</u>	<u>954</u>			<u>39</u>	<u>798</u>	
P15		<u>42</u>	<u>1004</u>			<u>42</u>	<u>842</u>	
P16		<u>45</u>	<u>1054</u>			<u>45</u>	<u>884</u>	
P17		<u>48</u>	<u>1093</u>			<u>48</u>	<u>921</u>	
P18		<u>51</u>	<u>1135</u>			<u>51</u>	<u>963</u>	
P19		<u>54</u>	<u>1176</u>			<u>54</u>	<u>994</u>	
P20		<u>57</u>	<u>1209</u>			<u>57</u>	<u>1023</u>	
WTC - 4		<u>60</u>	<u>1240</u>			<u>60</u>	<u>1050</u>	
		<u>63</u>	<u>1271</u>			<u>63</u>	<u>1066</u>	



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO 5922

Kelly Bushing

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

Elevation 1263 Klb Formation Simpson Eff. Pay Ft.

District Augusta Date Sept 13, 1980 Customer Order No.

COMPANY NAME Rains & Wellbenson Oil Co.

ADDRESS 435 Page Court

LEASE AND WELL NO. Frazier #1 COUNTY Sumner STATE Ka Sec 18 Twp. 33S Rge 3W

Mail Invoice To Same #1 Frazier No. Copies Requested 1

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 4 Interval Tested from 4481 ft. to 4504 ft. Total Depth 4504 ft. Packer Depth 4481 ft. Size 6 3/4 in. Packer Depth 4476 ft. Size 6 3/4 in.

Top Recorder Depth (Inside) 4486 ft. Recorder Number 2605 Cap. 4150 Bottom Recorder Depth (Outside) 4490 ft. Recorder Number 10980 Cap. 4200 Below Straddle Recorder Depth Recorder Number Cap.

Drilling Contractor Co Tools #3 Mud Type Chem Viscosity 42 Weight 9.2 Water Loss 12.4 cc Chlorides 4100 P.P.M. Jars: Make NU Serial Number Did Well Flow? Reversed Out Drill Collar Length 310 I. D. in. Weight Pipe Length I. D. in. Drill Pipe Length 4147 I. D. in. Test Tool Length 24 ft. Tool Size 5 1/2 in. Anchor Length 23 ft. Size 5 1/2 in. Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in. Main Hole Size 7 7/8 in. Tool Joint Size in.

Blow: good blow throughout test

Recovered 3440 ft. of gas in pipe Recovered 90 ft. of Oil + gas cut mud Recovered 60 ft. of Oil heavy oil + gas cut mud Recovered 60 ft. of 82% oil 18% mud

Remarks: Standby after DST #3

Table with 4 columns: Time Set Packer(s), Time Started Off Bottom, Maximum Temperature, and P.S.I. values for various tests (A-H).

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.

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 John R. Rose Signature of Customer or his authorized representative

Western Representative Kenney KerKendall

FIELD INVOICE

Table listing various services and their costs: Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, TOTAL.

WESTERN TESTING CO., INC.

Pressure Data

are 9-13-80

Test Ticker No. 5922

Order No. 2605

Capacity 4150

Location 4486 Ft.

Block No. _____

Elevation 1263 KB

Well Temperature 133 °F

Point	Pressure	P.S.I.
Initial Hydrostatic Mud	<u>2182</u>	P.S.I.
First Initial Flow Pressure	<u>70</u>	P.S.I.
First Final Flow Pressure	<u>78</u>	P.S.I.
Initial Closed-in Pressure	<u>1174</u>	P.S.I.
Second Initial Flow Pressure	<u>116</u>	P.S.I.
Second Final Flow Pressure	<u>110</u>	P.S.I.
Final Closed-in Pressure	<u>1089</u>	P.S.I.
Final Hydrostatic Mud	<u>2163</u>	P.S.I.

Open Tool	Time Given	Time Computed
	<u>10:00 AM</u>	
First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
Initial Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.
Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
Final Closed-in Pressure	<u>60</u> Mins.	<u>75</u> Mins.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>21</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>25</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	Press.	Point	Press.	Point	Press.	Point	Press.
1	<u>70</u>	0	<u>78</u>	0	<u>116</u>	0	<u>110</u>
2	<u>65</u>	3	<u>110</u>	5	<u>108</u>	3	<u>137</u>
3	<u>61</u>	6	<u>180</u>	10	<u>104</u>	6	<u>205</u>
4	<u>63</u>	9	<u>265</u>	15	<u>104</u>	9	<u>275</u>
5	<u>65</u>	12	<u>354</u>	20	<u>105</u>	12	<u>345</u>
6	<u>68</u>	15	<u>430</u>	25	<u>105</u>	15	<u>415</u>
7	<u>72</u>	18	<u>498</u>	30	<u>106</u>	18	<u>451</u>
8	<u>74</u>	21	<u>554</u>	35	<u>108</u>	21	<u>489</u>
9	<u>76</u>	24	<u>624</u>	40	<u>109</u>	24	<u>523</u>
0	<u>78</u>	27	<u>676</u>	45	<u>110</u>	27	<u>562</u>
1		30	<u>730</u>			30	<u>595</u>
2		33	<u>782</u>			33	<u>639</u>
3		36	<u>836</u>			36	<u>678</u>
4		39	<u>884</u>			39	<u>721</u>
5		42	<u>933</u>			42	<u>761</u>
6		45	<u>975</u>			45	<u>796</u>
7		48	<u>1023</u>			48	<u>823</u>
8		51	<u>1058</u>			51	<u>856</u>
9		54	<u>1095</u>			54	<u>892</u>
0		57	<u>1128</u>			57	<u>919</u>
		60	<u>1159</u>			60	<u>958</u>
		<u>63</u>	<u>1174</u>				

WESTERN TESTING CO., INC.
Pressure Data

Date _____

Test Ticket No. 5922

Recorder No. _____ Capacity _____ Location _____ Ft

Clock No. _____ Elevation _____ Well Temperature _____ °F

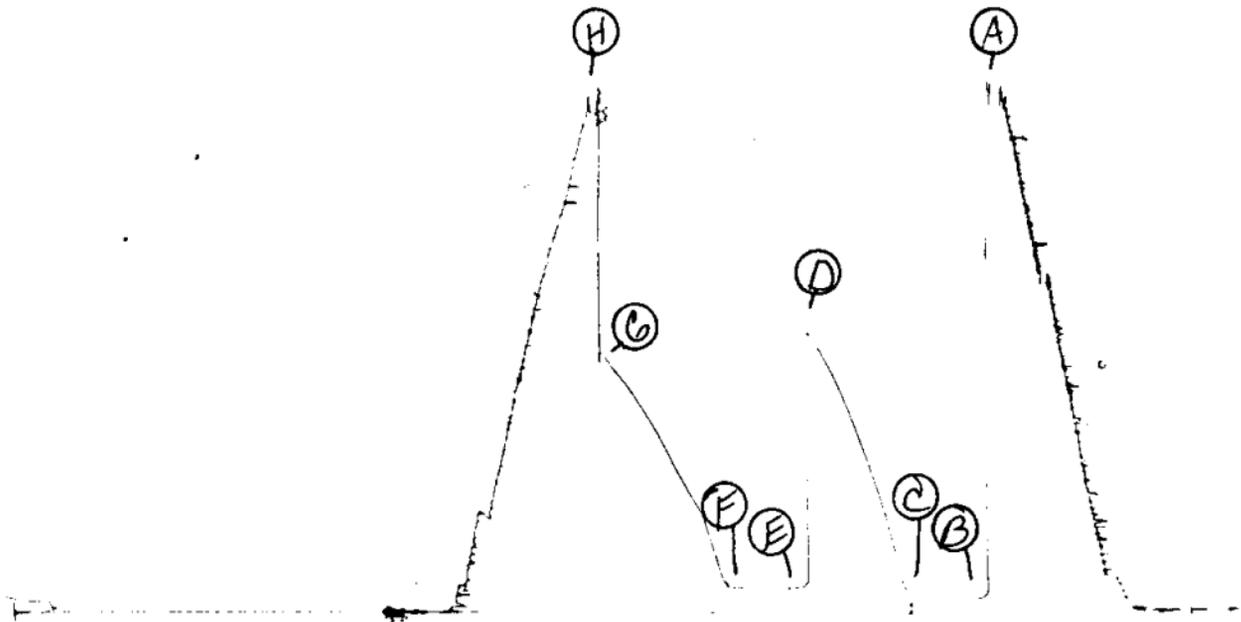
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool	_____ M	_____
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure	_____ Mins.	_____ Mins.
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure	_____ Mins.	_____ Mins.
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure	_____ Mins.	_____ Mins.
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure	_____ Mins.	_____ Mins.
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN.

Point Mins.	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.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P 1			63			63	981
P 2			66			66	1006
P 3			69			69	1035
P 4			72			72	1064
P 5			75			75	1089
P 6			78			78	
P 7			81			81	
P 8			84			84	
P 9			87			87	
P10			90			90	
P11			93			93	
P12			96			96	
P13			99			99	
P14			102			102	
P15			105			105	
P16			108			108	
P17			111			111	
P18			114			114	
P19			117			117	
P20			120			120	

LOT # 5922
I

2605
DST # H



Company Rains & Williamson Oil Company, Inc. Lease & Well No. #1 Frazier
 Elevation 1263 Kelly Bushing Formation Simpson Effective Pay. _____ Ft. Ticket No. 5922
 Date 9/13/80 Sec. 18 Twp 33 S Range 3 W County Sumner State KS
 Test Approved by John Rose Western Representative Kenny Kirkendall

Formation Test No. 4 Interval Tested from 4481 ft. to 4504 ft. Total Depth 4504 ft.
 Packer Depth 4481 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 4476 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4486 ft. Recorder Number 2605 Cap 4150
 Bottom Recorder Depth (Outside) 4490 ft. Recorder Number 10980 Cap 4200
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap _____
 Drilling Contractor Rains & Williamson Drlg. Rig #3 Drill Collar Length 310 I. D. _____ in.
 Mud Type Chemical Viscosity 42 Weight Pipe Length _____ I. D. _____ in.
 Weight 92 Water Loss 12.4 cc. Drill Pipe Length 4147 I. D. _____ in.
 Chlorides 4100 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 in.
 Jars: Make No Serial Number _____ Anchor Length 23 ft. Size 5 1/2 in.
 Did Well Flow? _____ Reversed Out _____ Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size _____ in.

Blow: Good blow throughout test.

Recovered 3440 ft. of gas in pipe.
 Recovered 90 ft. of Oil and gas cut mud.
 Recovered 60 ft. of Heavy oil and gas cut mud.
 Recovered 60 ft. of very gassy mud, cut oil, 18% mud.
 Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s) 10:00 ^{A.M.}/_{P.M.} Time Started Off Bottom 1:35 ^{A.M.}/_{P.M.} Maximum Temperature 133
 Initial Hydrostatic Pressure _____ (A) 2182 P.S.I.
 Initial Flow Period _____ Minutes 45 (B) 70 P.S.I. to (C) 78 P.S.I.
 Initial Closed In Period _____ Minutes 63 (D) 1174 P.S.I.
 Final Flow Period _____ Minutes 45 (E) 116 P.S.I. to (F) 110 P.S.I.
 Final Closed In Period _____ Minutes 75 (G) 1089 P.S.I.
 Final Hydrostatic Pressure _____ (H) 2163 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 9-13-80 Test Ticket No. 5922
 Recorder No. 2605 Capacity 4150 Location 4486 Ft.
 Clock No. ----- Elevation 1263 Kelly Bushing Well Temperature 133 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2182	P.S.I.	10:00 AM	
B First Initial Flow Pressure	70	P.S.I.	45 Mins.	45 Mins.
C First Final Flow Pressure	78	P.S.I.	60 Mins.	63 Mins.
D Initial Closed-in Pressure	1174	P.S.I.	45 Mins.	45 Mins.
E Second Initial Flow Pressure	116	P.S.I.	60 Mins.	75 Mins.
F Second Final Flow Pressure	110	P.S.I.		
G Final Closed-in Pressure	1089	P.S.I.		
H Final Hydrostatic Mud	2163	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 9 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 21 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 9 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 25 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 0	70	0	78	0	116	0	110
P 2 5	65	3	110	5	108	3	137
P 3 10	61	6	180	10	104	6	205
P 4 15	63	9	265	15	104	9	275
P 5 20	65	12	354	20	105	12	345
P 6 25	68	15	430	25	105	15	415
P 7 30	72	18	498	30	106	18	451
P 8 35	74	21	554	35	108	21	489
P 9 40	76	24	624	40	109	24	523
P10 45	78	27	676	45	110	27	562
P11		30	730			30	595
P12		33	782			33	639
P13		36	836			36	678
P14		39	884			39	721
P15		42	933			42	761
P16		45	975			45	796
P17		48	1023			48	823
P18		51	1058			51	856
P19		54	1095			54	892
P20		57	1128			57	919
WTC - 4		60	1159			60	958
		63	1174				CON'T

WESTERN TESTING CO., INC.

Pressure Data

Date 9-13-80

Test Ticket No. 5922

Recorder No. 2605 Capacity 4150 Location 4486 Ft

Clock No. ----- Elevation 1263 Kelly Bushing Well Temperature 133 °F

Point	Pressure			Time Given	Time Computed
A Initial Hydrostatic Mud	2182	P.S.I.	Open Tool	10:00 AM	
B First Initial Flow Pressure	70	P.S.I.	First Flow Pressure	45 Mins	45 Mins
C First Final Flow Pressure	78	P.S.I.	Initial Closed-in Pressure	60 Mins	63 Mins
D Initial Closed-in Pressure	1174	P.S.I.	Second Flow Pressure	45 Mins	45 Mins
E Second Initial Flow Pressure	116	P.S.I.	Final Closed-in Pressure	60 Mins	75 Mins
F Second Final Flow Pressure	110	P.S.I.			
G Final Closed-in Pressure	1089	P.S.I.			
H Final Hydrostatic Mud	2163	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 25 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						63	981
P 2						66	1006
P 3						69	1035
P 4						72	1064
P 5						75	1089
P 6							
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No. 5923

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

Elevation 1262 Kb Formation Simpson Eff. Pay Ft.

Kelly bushing

District Augusta Date Sept 13, 1980 Customer Order No.

COMPANY NAME Rains & Williamson Oil Co.

ADDRESS 400 1/2 Page Court

LEASE AND WELL NO. Prairie #1 COUNTY Sumner STATE Ka Sec. 18 Twp. 33S Rge 3W

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

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 5 Interval Tested from 4484 ft. to 4506 ft. Total Depth 4506 ft. Packer Depth 4484 ft. Size 6 3/4 in. Packer Depth 4479 ft. Size 6 3/4 in.

Top Recorder Depth (Inside) 4489 ft. Recorder Number 2605 Cap. 21150 Bottom Recorder Depth (Outside) 4494 ft. Recorder Number 10980 Cap. 2200 Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Co Tools #3 Mud Type Chem Viscosity 41 Weight 9.2 Water Loss 12.4 cc Chlorides 4100 P.P.M. Jars: Make NO Serial Number. Did Well Flow? NO Reversed Out Drill Collar Length 310 I. D. in. Weight Pipe Length I. D. in. Drill Pipe Length 4150 I. D. in. Test Tool Length 24 ft. Tool Size 5 1/2 in. Anchor Length 22 ft. Size 5 1/2 in. 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: Good blow throughout test

Recovered 3989 ft. of gas in pipe Recovered 180 ft. of slightly oil and gas cut mud Recovered 60 ft. of muddy gas cut oil Recovered 120 ft. of foamy gas cut oil Recovered 60 ft. of foamy slightly mud cut oil 82% oil 18% mud

Remarks: Standby after DST #4

Table with 4 columns: Time Set Packer(s), A.M./P.M., 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.

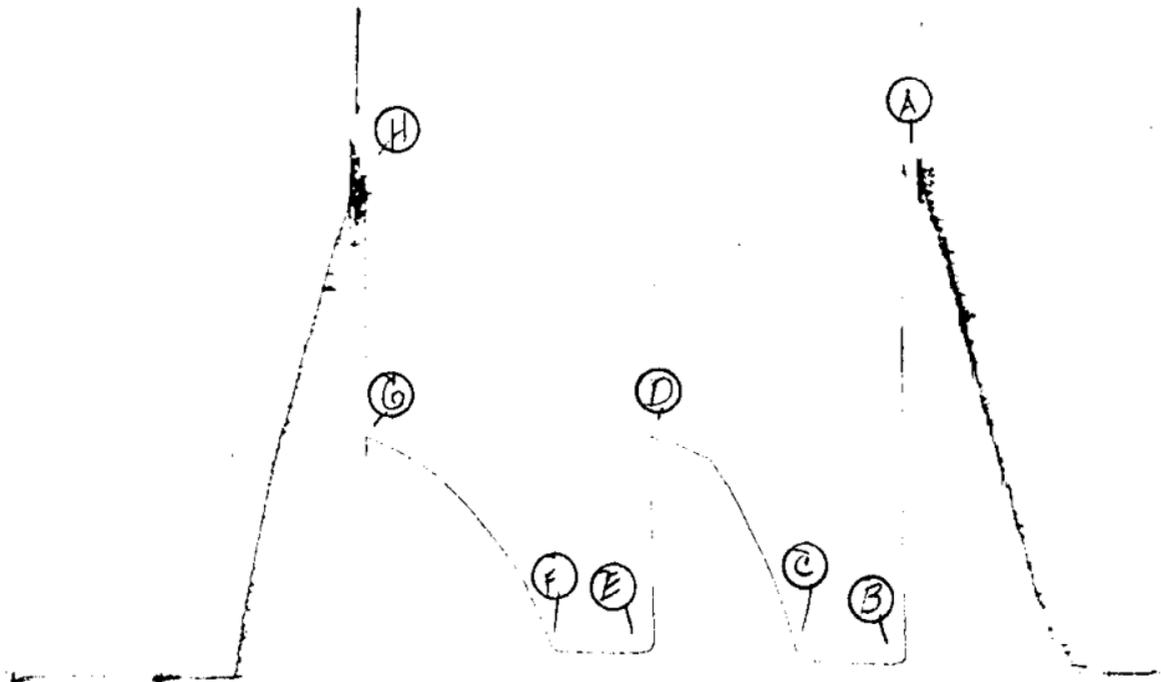
COMPANY TERMS Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made... Test Approved By John P. Rose Western Representative Kenny Kirkendall

FIELD INVOICE Table with 2 columns: Item, Amount. Items include Open Hole Test, Safety Joint, TOTAL \$650.00.

2605

5

TA # 5923
I



WESTERN TESTING CO., INC.

Pressure Data

Date 9-13-80

Test Ticket No. 5923

Recorder No. 2605

Capacity 4150

Location 4489 Ft.

Clock No. _____ Elevation 1262 KB

Well Temperature 134 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2140</u> P.S.I.	<u>2:00</u> AM	
B First Initial Flow Pressure	<u>46</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>60</u> P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
D Initial Closed-in Pressure	<u>1012</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>97</u> P.S.I.	<u>90</u> Mins.	<u>114</u> Mins.
F Second Final Flow Pressure	<u>93</u> P.S.I.		
G Final Closed-in Pressure	<u>1010</u> P.S.I.		
H Final Hydrostatic Mud	<u>2082</u> P.S.I.		

PRESSURE BREAKDOWN

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

Initial Shut-In
Breakdown: 30 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: 38 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>46</u>	0	<u>60</u>	0	<u>97</u>	0	<u>93</u>
P 2	<u>40</u>	3	<u>87</u>	5	<u>91</u>	3	<u>116</u>
P 3		6	<u>123</u>	10	<u>89</u>	6	<u>171</u>
P 4		9	<u>207</u>	15	<u>87</u>	9	<u>233</u>
P 5		12	<u>282</u>	20	<u>87</u>	12	<u>273</u>
P 6		15	<u>345</u>	25	<u>89</u>	15	<u>322</u>
P 7	<u>40</u>	18	<u>400</u>	30	<u>89</u>	18	<u>366</u>
P 8	<u>42</u>	21	<u>447</u>	35	<u>91</u>	21	<u>411</u>
P 9	<u>44</u>	24	<u>502</u>	40	<u>93</u>	24	<u>449</u>
P 10	<u>49</u>	27	<u>535</u>	45	<u>93</u>	27	<u>479</u>
P 11	<u>51</u>	30	<u>581</u>	50	<u>93</u>	30	<u>510</u>
P 12	<u>53</u>	33	<u>630</u>	55	<u>93</u>	33	<u>539</u>
P 13	<u>60</u>	36	<u>674</u>	60	<u>93</u>	36	<u>566</u>
P 14		39	<u>719</u>	65		39	<u>595</u>
P 15		42	<u>757</u>	70		42	<u>618</u>
P 16		45	<u>800</u>	75		45	<u>645</u>
P 17		48	<u>827</u>	80		48	<u>674</u>
P 18		51	<u>865</u>	85		51	<u>703</u>
P 19		54	<u>900</u>	90		54	<u>726</u>
P 20		57	<u>921</u>			57	<u>746</u>
		60	<u>925</u>			60	<u>767</u>

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 5923
 Recorder No. _____ Capacity _____ Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool _____	M _____	
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure _____	Mins. _____	Mins. _____
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure _____	Mins. _____	Mins. _____
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure _____	Mins. _____	Mins. _____
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure _____	Mins. _____	Mins. _____
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ 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 _____		63	925			63	784
P 2 _____		66	936			66	815
P 3 _____		69	958			69	838
P 4 _____		72	971			72	850
P 5 _____		75	979			75	867
P 6 _____		78	985			78	881
P 7 _____		81	990			81	896
P 8 _____		84	996			84	908
P 9 _____		87	1002			87	923
P10 _____		90	1012			90	933
P11 _____		93				93	946
P12 _____		96				96	958
P13 _____		99				99	969
P14 _____		102				102	977
P15 _____		105				105	988
P16 _____		108				108	996
P17 _____		111				111	1004
P18 _____		114				114	1010
P19 _____		117				117	
P20 _____		120				120	

Company Rains & Williamson Oil Company, Inc. Lease & Well No. #1 Frazier
 Elevation 1263 Kelly Bushing Formation Simpson Effective Pay ----- Ft. Ticket No. 5923
 Date 9/13/80 Sec. 18 Twp. 33 S Range 3 W County Sumner State KS
 Test Approved by John Rose Western Representative Kenny Kirkendall

Formation Test No. 5 Interval Tested from 4484 ft. to 4506 ft. Total Depth 4506 ft.
 Packer Depth 4484 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.
 Packer Depth 4479 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.
 Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 4489 ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) 4494 ft. Recorder Number 10980 Cap. 4200
 Below Straddle Recorder Depth ----- ft. Recorder Number ----- Cap. ---

Drilling Contractor Rains & Williamson Drlg. Rig #3 Drill Collar Length 310 I. D. ----- in.
 Mud Type Chemical Viscosity 41 Weight Pipe Length ----- I. D. ----- in.
 Weight 9.2 Water Loss 12.4 cc. Drill Pipe Length 4150 I. D. ----- in.
 Chlorides 4,100 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 in.
 Jars: Make NO Serial Number ----- Anchor Length 22 ft. Size 5 1/2 in.
 Did Well Flow? NO Reversed Out ----- 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: Good blow throughout test.

Recovered 3989 ft. of Gas in pipe.
 Recovered 120 ft. of Slightly oil and gas cut mud.
 Recovered 60 ft. of Muddy gas cut oil.
 Recovered 120 ft. of Foamy gas cut oil.
 Recovered 60 ft. of Foamy slightly mud cut oil (82% oil, 18% mud).

Remarks: _____

Time Set Packer(s) 2:00 ~~PM~~ ^{A.M.} Time Started Off Bottom 7:00 ~~PM~~ ^{A.M.} Maximum Temperature 134° F.
 Initial Hydrostatic Pressure (A) 2140 P.S.I.
 Initial Flow Period Minutes 60 (B) 46 P.S.I. to (C) 60 P.S.I.
 Initial Closed In Period Minutes 90 (D) 1012 P.S.I.
 Final Flow Period Minutes 60 (E) 97 P.S.I. to (F) 93 P.S.I.
 Final Closed In Period Minutes 114 (G) 1010 P.S.I.
 Final Hydrostatic Pressure (H) 2082 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 9-13-80 Test Ticket No. 5923
 Recorder No. 2605 Capacity 4150 Location 4489 P
 Clock No. ----- Elevation 1262 Kelly Bushing Well Temperature 134

Point	Pressure		Open Tool	Time Given	Time Computed
		P.S.I.		2:00 A M	
A Initial Hydrostatic Mud	2140	P.S.I.			
B First Initial Flow Pressure	46	P.S.I.	First Flow Pressure	60 Mins.	60 Min
C First Final Flow Pressure	60	P.S.I.	Initial Closed-in Pressure	90 Mins.	90 Min
D Initial Closed-in Pressure	1012	P.S.I.	Second Flow Pressure	60 Mins.	60 Min
E Second Initial Flow Pressure	97	P.S.I.	Final Closed-in Pressure	90 Mins.	114 Min
F Second Final Flow Pressure	93	P.S.I.			
G Final Closed-in Pressure	1010	P.S.I.			
H Final Hydrostatic Mud	2082	P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Press.	Point Minutes						
	Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: <u>30</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: <u>38</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
P 1	46	0	60	0	97	0	93	0
P 2	40	5	87	3	91	5	116	3
P 3	40	10	123	6	89	10	171	6
P 4	40	15	207	9	87	15	233	9
P 5	40	20	282	12	87	20	273	12
P 6	40	25	345	15	89	25	322	15
P 7	40	30	400	18	89	30	366	18
P 8	42	35	447	21	91	35	411	21
P 9	44	40	502	24	93	40	449	24
P 10	49	45	535	27	93	45	479	27
P 11	51	50	581	30	93	50	510	30
P 12	53	55	630	33	93	55	539	33
P 13	60	60	674	36	93	60	566	36
P 14			719	39			595	39
P 15			757	42			618	42
P 16			800	45			645	45
P 17			827	48			674	48
P 18			865	51			703	51
P 19			900	54			726	54
P 20			921	57			746	57
			925	60			767	60

WESTERN TESTING CO., INC.

Pressure Data

Date 9-13-80 Test Ticket No. 5923
 Recorder No. 2605 Capacity 4150 Location 4489 Ft.
 Clock No. ----- Elevation 1262 Kelly Bushing Well Temperature 134 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2140	P.S.I.	2:00 A M	
B First Initial Flow Pressure	46	P.S.I.	60 Mins.	60 Mins.
C First Final Flow Pressure	60	P.S.I.	90 Mins.	90 Mins.
D Initial Closed-in Pressure	1012	P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	97	P.S.I.	90 Mins.	114 Mins.
F Second Final Flow Pressure	93	P.S.I.		
G Final Closed-in Pressure	1010	P.S.I.		
H Final Hydrostatic Mud	2082	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In	
	Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>30</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>38</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
	Press.	Point Minutes	Press.	Point Minutes	
P 1		63	925	63	784
P 2		66	936	66	815
P 3		69	958	69	838
P 4		72	971	72	850
P 5		75	979	75	867
P 6		78	985	78	881
P 7		81	990	81	896
P 8		84	996	84	908
P 9		87	1002	87	923
P10		90	1012	90	933
P11				93	946
P12				96	958
P13				99	969
P14				102	977
P15				105	988
P16				108	996
P17				111	1004
P18				114	1010
P19					
P20					



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO: 5924

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

Elevation 1263 Kb Kelly Bushing Formation Simpson Eff. Pay Ft.

District Augusta Date Sept 14, 1980 Customer Order No.

COMPANY NAME Rains & Williamson Oil Co. Inc.

ADDRESS 435 Page Court

LEASE AND WELL NO. Frazier #1 COUNTY Sumner STATE Ka Sec 18 Twp 33S Rge 36W

Mail Invoice To Same #1 Frazier No. Copies Requested 1

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 6 Interval Tested from 4503 ft. to 4511 ft. Total Depth 4511 ft. Packer Depth 4503 ft. Size 6 3/4 in. Packer Depth 4498 ft. Size 6 3/4 in.

Top Recorder Depth (Inside) 4506 ft. Recorder Number 2605 Cap 4150 Bottom Recorder Depth (Outside) 4570 ft. Recorder Number 10980 Cap 4200 Below Straddle Recorder Depth ft. Recorder Number Cap

Drilling Contractor Co Tools #3 Mud Type Chem Viscosity 46 Weight 9.2 Water Loss 12.2 cc. Chlorides 4100 P.P.M. Jars: Make Serial Number Did Well Flow? Reversed Out Drill Collar Length 310 I. D. Weight Pipe Length I. D. Drill Pipe Length 4158 I. D. Test Tool Length 24 ft. Tool Size 5 1/2 in. Anchor Length 8 3/4 ft. Size 5 1/2 in. Surface Choke Size 3/4 in. Bottom Choke Size 6/3 in. Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x H in.

Blow: Very Weak blow died in 35 mins. NO blow second flow initial flow period final period

Recovered 20 ft. of Very slightly oil cut mud Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of

Remarks: Standby after D8 #5

Table with 4 columns: Time Set Packer, Time Started Off Bottom, Maximum Temperature, and Pressure (A-H) in P.S.I. Values include 8:40 AM, 11:25 AM, 1370, 2194, 21, 391, 31, 114, 2100.

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 John R Rose Signature of Customer or his authorized representative Western Representative Kenny Kirkendall

FIELD INVOICE

Table with 2 columns: Item and Price. Items include Open Hole Test (\$600.00), Misrun, Straddle Test, Jars, Selective Zone, Safety Joint (\$50.00), Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, and TOTAL (\$650.00).

WESTERN TESTING CO., INC.

Pressure Data

Date 9-14-80

Test Ticket No. 5924

Recorder No. 2605

Capacity 4150

Location 4506 Ft.

Clock No. _____

Elevation 1263 KB

Well Temperature 137 °F

Point	Pressure	P.S.I.
A Initial Hydrostatic Mud	<u>2201</u>	P.S.I.
B First Initial Flow Pressure	<u>34</u>	P.S.I.
C First Final Flow Pressure	<u>30</u>	P.S.I.
D Initial Closed-in Pressure	<u>422</u>	P.S.I.
E Second Initial Flow Pressure	<u>63</u>	P.S.I.
F Second Final Flow Pressure	<u>32</u>	P.S.I.
G Final Closed-in Pressure	<u>152</u>	P.S.I.
H Final Hydrostatic Mud	<u>2109</u>	P.S.I.

	Time Given	Time Computed
Open Tool	<u>8:40</u> PM	
First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.

PRESSURE BREAKDOWN

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

Initial Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

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

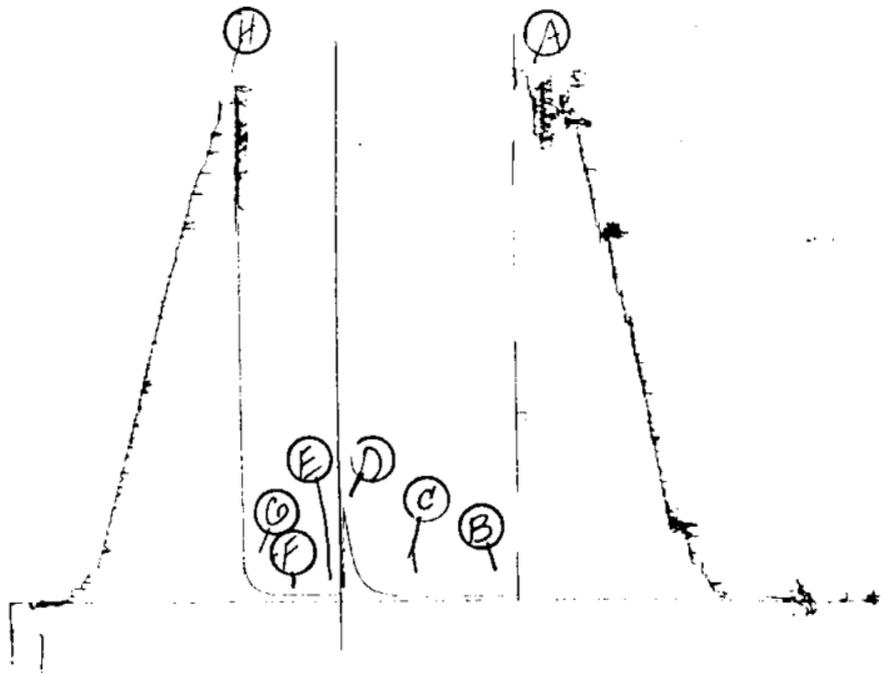
Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>34</u>	0	<u>30</u>	0	<u>63</u>	0	<u>32</u>
P 2 5	<u>32</u>	3	<u>30</u>	5	<u>38</u>	3	<u>32</u>
P 3 10	<u>30</u>	6	<u>30</u>	10	<u>36</u>	6	<u>32</u>
P 4 15	<u>30</u>	9	<u>30</u>	15	<u>34</u>	9	<u>32</u>
P 5 20	<u>30</u>	12	<u>34</u>	20	<u>32</u>	12	<u>32</u>
P 6 25	<u>30</u>	15	<u>36</u>	25	<u>32</u>	15	<u>40</u>
P 7 30	<u>30</u>	18	<u>44</u>	30	<u>32</u>	18	<u>51</u>
P 8 35	<u>30</u>	21	<u>49</u>	35		21	<u>59</u>
P 9 40	<u>30</u>	24	<u>55</u>	40		24	<u>80</u>
P 10 45	<u>30</u>	27	<u>68</u>	45		27	<u>118</u>
P 11 50	<u>30</u>	30	<u>87</u>	50		30	<u>152</u>
P 12 55	<u>30</u>	33	<u>121</u>	55		33	
P 13 60	<u>30</u>	36	<u>178</u>	60		36	
P 14		39 ²⁷⁵	167	65		39	
P 15		42	<u>381</u>	70		42	
P 16		45	<u>422</u>	75		45	
P 17		48		80		48	
P 18		51		85		51	
P 19		54		90		54	
P 20		57				57	
		60				60	

2605

DST #6

Plot # 5924
I



Company Rains & Williamson Oil Company, Inc. Lease & Well No. #1 Frazier
 Elevation 1263 Kelly Bushing Formation Simpson Effective Pay. ----- Ft. Ticket No. 5924
 Date 9-14-80 Sec. 18 Twp. 33 S Range 3 W County Sumner State KS
 Test Approved by John Rose Western Representative Kenny Kirkendall

Formation Test No. 6 Interval Tested from 4503 ft. to 4511 ft. Total Depth 4511 ft.
 Packer Depth 4503 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.
 Packer Depth 4498 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.
 Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 4506 ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) 4510 ft. Recorder Number 10980 Cap. 4200
 Below Straddle Recorder Depth ----- ft. Recorder Number ----- Cap. -----

Drilling Contractor Rains & Williamson Drlg. Rig #3 Drill Collar Length 310 I. D. ----- in.
 Mud Type Chemicals Viscosity 46 Weight Pipe Length ----- I. D. ----- in.
 Weight 9.2 Water Loss 12.2 cc. Drill Pipe Length 4158 I. D. ----- in.
 Chlorides 4100 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 in.
 Jars: Make ----- Serial Number ----- Anchor Length 8 ft. Size 5 1/2 in.
 Did Well Flow? ----- Reversed Out ----- Surface Choke Size 3/4 in. Bottom Choke Size 6 3/3 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2xH in.

Blow: Initial flow period, very weak, blow died in 35 minutes, initial flow period. No blow final flow period.

Recovered 20 ft. of very slightly oil cut mud.
 Recovered ----- ft. of -----
 Recovered ----- ft. of -----
 Recovered ----- ft. of -----
 Recovered ----- ft. of -----

Remarks: -----

Time Set Packer(s) 8:40 ~~XXX~~ P.M. Time Started Off Bottom 11:25 ~~XXX~~ P.M. Maximum Temperature 137
 Initial Hydrostatic Pressure (A) 2201 P.S.I.
 Initial Flow Period Minutes 60 (B) 34 P.S.I. to (C) 30 P.S.I.
 Initial Closed In Period Minutes 45 (D) 422 P.S.I.
 Final Flow Period Minutes 30 (E) 63 P.S.I. to (F) 32 P.S.I.
 Final Closed In Period Minutes 30 (G) 152 P.S.I.
 Final Hydrostatic Pressure (H) 2109 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 9-14-80 Test Ticket No. 5924
 Recorder No. 2605 Capacity 4150 Location 4506 Ft.
 Clock No. ----- Elevation 1263 Kelly Bushing Well Temperature 137 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2201</u> P.S.I.	Open Tool	<u>8:40 P</u> M	
B First Initial Flow Pressure	<u>34</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>30</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>422</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>63</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>32</u> P.S.I.			
G Final Closed-in Pressure	<u>152</u> P.S.I.			
H Final Hydrostatic Mud	<u>2109</u> P.S.I.			

PRESSURE BREAKDOWN

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

Initial Shut-In
 Breakdown: 15 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

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

Final Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>34</u>	<u>0</u>	<u>30</u>	<u>0</u>	<u>63</u>	<u>0</u>	<u>32</u>
P 2 <u>5</u>	<u>32</u>	<u>3</u>	<u>30</u>	<u>5</u>	<u>38</u>	<u>3</u>	<u>32</u>
P 3 <u>10</u>	<u>30</u>	<u>6</u>	<u>30</u>	<u>10</u>	<u>36</u>	<u>6</u>	<u>32</u>
P 4 <u>15</u>	<u>30</u>	<u>9</u>	<u>30</u>	<u>15</u>	<u>34</u>	<u>9</u>	<u>32</u>
P 5 <u>20</u>	<u>30</u>	<u>12</u>	<u>34</u>	<u>20</u>	<u>32</u>	<u>12</u>	<u>32</u>
P 6 <u>25</u>	<u>30</u>	<u>15</u>	<u>36</u>	<u>25</u>	<u>32</u>	<u>15</u>	<u>40</u>
P 7 <u>30</u>	<u>30</u>	<u>18</u>	<u>44</u>	<u>30</u>	<u>32</u>	<u>18</u>	<u>51</u>
P 8 <u>35</u>	<u>30</u>	<u>21</u>	<u>49</u>			<u>21</u>	<u>59</u>
P 9 <u>40</u>	<u>30</u>	<u>24</u>	<u>55</u>			<u>24</u>	<u>80</u>
P10 <u>45</u>	<u>30</u>	<u>27</u>	<u>68</u>			<u>27</u>	<u>118</u>
P11 <u>50</u>	<u>30</u>	<u>30</u>	<u>87</u>			<u>30</u>	<u>152</u>
P12 <u>55</u>	<u>30</u>	<u>33</u>	<u>121</u>				
P13 <u>60</u>	<u>30</u>	<u>36</u>	<u>178</u>				
P14		<u>39</u>	<u>275</u>				
P15		<u>42</u>	<u>381</u>				
P16		<u>45</u>	<u>422</u>				
P17							
P18							
P19							
P20							



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

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET NO. 5925

Kelly Bashing

Elevation 1262 K6 Formation Simpson Eff. Pay Ft.

District Augusta Date Sept 15, 1980 Customer Order No. _____

COMPANY NAME Bains + Williamson Oil Co

ADDRESS 7835 Page Court

LEASE AND WELL NO. Frazier COUNTY Sumner STATE Ks Sec 18 Twp 33S Rge 3W

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

Mail Charts To Same Address _____ No. Copies Requested 5

Formation Test No. 7 Interval Tested from 4510 ft. to 4521 ft. Total Depth 4521 ft.
Packer Depth 4511 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4506 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4515 ft. Recorder Number 2605 Cap. 4150
Bottom Recorder Depth (Outside) 4519 ft. Recorder Number 10980 Cap. 4200
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Co Tools #3 Drill Collar Length 310 I. D. _____ in.
Mud Type Chem Viscosity 46 Weight Pipe Length _____ I. D. _____ in.
Weight 9.2 Water Loss 12.2 cc. Drill Pipe Length 4178 I. D. _____ in.
Chlorides 4100 P.P.M. Test Tool Length 2.3 ft. Tool Size 5 1/2 in.
Jars: Make NW Serial Number _____ Anchor Length 10 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 7/8 in. Tool Joint Size 4 1/2 x H in.

Blow: Weak blow throughout first flow period, weak blow second flow
Initial final final

Recovered 120' ft. of thin watery mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: Standby after DST #6

Time Set Packer(s) <u>1:55</u> ^{AM} P.M.	Time Started Off Bottom <u>6:25</u> ^{AM} P.M.	Maximum Temperature <u>138°</u>
Initial Hydrostatic Pressure _____ (A) <u>2204</u> P.S.I.	Initial Flow Period _____ Minutes <u>60</u> (B) <u>10</u> P.S.I. to (C) <u>21</u> P.S.I.	Initial Closed In Period _____ Minutes <u>60</u> (D) <u>1650</u> P.S.I.
Final Flow Period _____ Minutes <u>60</u> (E) <u>52</u> P.S.I. to (F) <u>63</u> P.S.I.	Final Closed In Period _____ Minutes <u>120</u> (G) <u>1577</u> P.S.I.	Final Hydrostatic Pressure _____ (H) <u>2068</u> 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 John R. Rose
Signature of Customer or his authorized representative

Western Representative Kenny Kirkendall

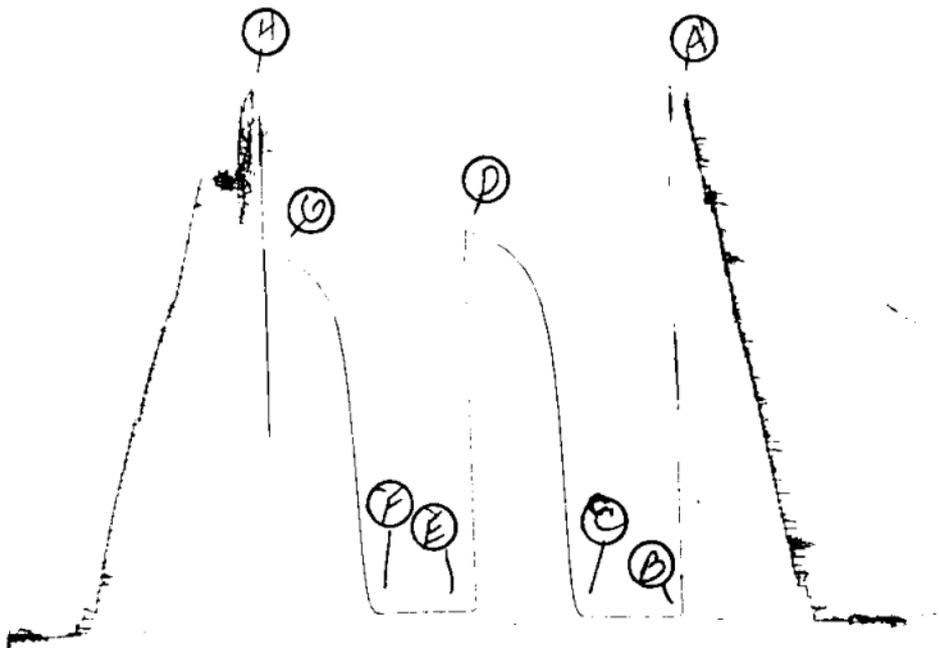
FIELD INVOICE

Open Hole Test	\$ <u>600.00</u>
Misrun	\$ _____
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ <u>50.00</u>
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ _____
Mileage	\$ _____
Fluid Sampler	\$ _____
Extra Charts	\$ _____
TOTAL	\$ <u>650.00</u>

2605

TBT # 5925
I

#17



WESTERN TESTING CO., INC.
Pressure Data

Date 9-15-80

Test Ticket No. 5925

Recorder No. 2605

Capacity 4150

Location 4515 Ft.

Clock No. _____

Elevation 1262 KB

Well Temperature 138 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2153</u> P.S.I.		<u>1:55</u> P.M.	
B First Initial Flow Pressure	<u>21</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>55</u> Mins.
C First Final Flow Pressure	<u>27</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>66</u> Mins.
D Initial Closed-in Pressure	<u>11653</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>65</u> P.S.I.	Final Closed-in Pressure	<u>120</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>59</u> P.S.I.			
G Final Closed-in Pressure	<u>1592</u> P.S.I.			
H Final Hydrostatic Mud	<u>2100</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 22 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: 21 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>21</u>	0	<u>27</u>	0	<u>65</u>	0	<u>59</u>
P 2	<u>17</u>	3	<u>42</u>	5	<u>59</u>	3	<u>84</u>
P 3	<u>17</u>	6	<u>116</u>	10	<u>59</u>	6	<u>171</u>
P 4	<u>17</u>	9	<u>364</u>	15	<u>59</u>	9	<u>371</u>
P 5	<u>17</u>	12	<u>736</u>	20	<u>59</u>	12	<u>657</u>
P 6	<u>17</u>	15	<u>963</u>	25	<u>59</u>	15	<u>906</u>
P 7	<u>21</u>	18	<u>1147</u>	30	<u>59</u>	18	<u>1095</u>
P 8	<u>21</u>	21	<u>1259</u>	35	<u>59</u>	21	<u>1217</u>
P 9	<u>21</u>	24	<u>1354</u>	40	<u>59</u>	24	<u>1317</u>
P 10	<u>21</u>	27	<u>1415</u>	45	<u>59</u>	27	<u>1371</u>
P 11	<u>21</u>	30	<u>1458</u>	50	<u>59</u>	30	<u>1408</u>
P 12	<u>27</u>	33	<u>1496</u>	55	<u>59</u>	33	<u>1444</u>
P 13	<u>27</u>	36	<u>1519</u>	60	<u>59</u>	36	<u>1471</u>
P 14	<u>27</u>	39	<u>1548</u>	65	<u>59</u>	39	<u>1492</u>
P 15	<u>27</u>	42	<u>1567</u>	70	<u>59</u>	42	<u>1508</u>
P 16	<u>27</u>	45	<u>1582</u>	75	<u>59</u>	45	<u>1527</u>
P 17	<u>27</u>	48	<u>1594</u>	80	<u>59</u>	48	<u>1540</u>
P 18	<u>27</u>	51	<u>1609</u>	85	<u>59</u>	51	<u>1552</u>
P 19	<u>27</u>	54	<u>1623</u>	90	<u>59</u>	54	<u>1563</u>
P 20	<u>27</u>	57	<u>1632</u>			57	<u>1571</u>
		60	<u>1638</u>			60	<u>1579</u>
		63	<u>1644</u>			63	<u>1592</u>
		66	<u>1653</u>				CONF

Company Rains & Williamson Oil Company, Inc. Lease & Well No. #1 Frazier
 Elevation 1263 Kelly Bushing Location Simpson Effective Pay ----- Ft. Ticket No. 5925
 Date 9-15-80 Sec. 18 Twp. 33 S Range 3 W County Sumner State KS
 Test Approved by John Rose Western Representative Kenny Kirkendall

Formation Test No. 7 Interval Tested from 4511 ft. to 4521 ft. Total Depth 4521 ft.
 Packer Depth 4511 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.
 Packer Depth 4506 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.

Depth of Selective Zone Set -----
 Top Recorder Depth (Inside) 4515 ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) 4519 ft. Recorder Number 10980 Cap. 4200
 Below Straddle Recorder Depth ----- ft. Recorder Number ----- Cap. ---

Drilling Contractor Rains & Williamson Drlg. Rig #3 Drill Collar Length 310 I. D. ----- in.
 Mud Type Chemical Viscosity 46 Weight Pipe Length ----- I. D. ----- in.
 Weight 9.2 Water Loss 12.2 cc. Drill Pipe Length 4178 I. D. ----- in.
 Chlorides 4,100 P.P.M. Test Tool Length 23 ft. Tool Size 5 1/2 in.
 Jars: Make NO Serial Number ----- Anchor Length 10 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 7/8 Tool Joint Size 4 1/2 XH in.

Blow: Weak blow throughout test.

Recovered 120 ft. of Thin Watery Mud.
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 1:55 ^{AM} P.M. Time Started Off Bottom 6:25 ^{PM} P.M. Maximum Temperature 138° F
 Initial Hydrostatic Pressure 2153 P.S.I. (A)
 Initial Flow Period 55 Minutes (B) 21 P.S.I. to (C) 27 P.S.I.
 Initial Closed In Period 66 Minutes (D) 1653 P.S.I.
 Final Flow Period 60 Minutes (E) 65 P.S.I. to (F) 59 P.S.I.
 Final Closed In Period 63 Minutes (G) 1592 P.S.I.
 Final Hydrostatic Pressure 2100 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 9-15-80

Test Ticker No. 5925

Recorder No. 2605

Capacity 4150

Location 4515 Ft.

Clock No. -----

Elevation 1262 Kelly Bushing

Well Temperature 138 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2153</u> P.S.I.	Open Tool	<u>1:55</u> P.M.	
B First Initial Flow Pressure	<u>21</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>55</u> Mins.
C First Final Flow Pressure	<u>27</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>66</u> Mins.
D Initial Closed-in Pressure	<u>1653</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>65</u> P.S.I.	Final Closed-in Pressure	<u>120</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>59</u> P.S.I.			
G Final Closed-in Pressure	<u>1592</u> P.S.I.			
H Final Hydrostatic Mud	<u>2100</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>22</u> Inc.		Breakdown: <u>12</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>27</u>	<u>0</u> <u>27</u>	<u>0</u> <u>65</u>	<u>0</u> <u>59</u>			
P 2	<u>5</u> <u>17</u>	<u>3</u> <u>42</u>	<u>5</u> <u>59</u>	<u>3</u> <u>84</u>			
P 3	<u>10</u> <u>17</u>	<u>6</u> <u>116</u>	<u>10</u> <u>59</u>	<u>6</u> <u>171</u>			
P 4	<u>15</u> <u>17</u>	<u>9</u> <u>364</u>	<u>15</u> <u>59</u>	<u>9</u> <u>371</u>			
P 5	<u>20</u> <u>17</u>	<u>12</u> <u>736</u>	<u>20</u> <u>59</u>	<u>12</u> <u>657</u>			
P 6	<u>25</u> <u>17</u>	<u>15</u> <u>963</u>	<u>25</u> <u>59</u>	<u>15</u> <u>906</u>			
P 7	<u>30</u> <u>21</u>	<u>18</u> <u>1147</u>	<u>30</u> <u>59</u>	<u>18</u> <u>1095</u>			
P 8	<u>35</u> <u>21</u>	<u>21</u> <u>1259</u>	<u>35</u> <u>59</u>	<u>21</u> <u>1217</u>			
P 9	<u>40</u> <u>21</u>	<u>24</u> <u>1354</u>	<u>40</u> <u>59</u>	<u>24</u> <u>1317</u>			
P10	<u>45</u> <u>21</u>	<u>27</u> <u>1415</u>	<u>45</u> <u>59</u>	<u>27</u> <u>1371</u>			
P11	<u>50</u> <u>21</u>	<u>30</u> <u>1458</u>	<u>50</u> <u>59</u>	<u>30</u> <u>1408</u>			
P12	<u>55</u> <u>27</u>	<u>33</u> <u>1496</u>	<u>55</u> <u>59</u>	<u>33</u> <u>1444</u>			
P13		<u>36</u> <u>1519</u>	<u>60</u> <u>59</u>	<u>36</u> <u>1471</u>			
P14		<u>39</u> <u>1548</u>		<u>39</u> <u>1492</u>			
P15		<u>42</u> <u>1567</u>		<u>42</u> <u>1508</u>			
P16		<u>45</u> <u>1582</u>		<u>45</u> <u>1527</u>			
P17		<u>48</u> <u>1594</u>		<u>48</u> <u>1540</u>			
P18		<u>51</u> <u>1609</u>		<u>51</u> <u>1552</u>			
P19		<u>54</u> <u>1623</u>		<u>54</u> <u>1563</u>			
P20		<u>57</u> <u>1632</u>		<u>57</u> <u>1571</u>			
WTC - 4		<u>60</u> <u>1638</u>		<u>60</u> <u>1579</u>			
		<u>63</u> <u>1644</u>		<u>63</u> <u>1592</u>			
		<u>66</u> <u>1653</u>					