



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 7617

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 1970 GL. Formation Mississippi Eff. Pay - Ft.

District Pratt Date 10/8/80 Customer Order No. -

COMPANY NAME Raymond Oil Co. Inc.

ADDRESS One Main Place Suite 900, Wichita, Ks 67202

LEASE AND WELL NO. Fincham #1-A COUNTY Pratt STATE Ks Sec. 14 Twp 26S Rge 14W

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

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 1 Interval Tested from 4253 ft. to 4300 ft. Total Depth 4300 ft.

Packer Depth 4248 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4253 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4286 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4289 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Murtin Drilling Rig #19 Drill Collar Length - I. D. - in.

Mud Type Drispac Viscosity 45 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 9.4 cc. Drill Pipe Length 4232 I. D. 3.8 in.

Chlorides 14,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 47 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 FH in.

Blow: Very Weak blow through out first flow period

Recovered 20 ft. of Drilling Mud (Few specks of oil on top of tool)

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Remarks: Tool did not open all the way; packed with Mud

Time On Location 11:00 A.M. Time Pick Up Tool 11:30 A.M. Time Off Location Stayed on P.M.

Time Set Packer(s) 1:30 A.M. Time Started Off Bottom 5:00 A.M. Maximum Temperature -

Initial Hydrostatic Pressure (A) -2289 P.S.I.

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

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

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

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

Final Hydrostatic Pressure (H) -2215 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 [Signature] Signature of Customer or his authorized representative

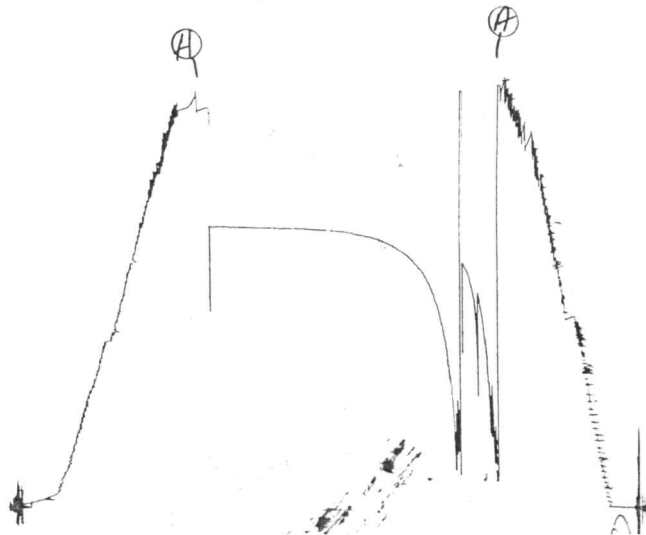
Western Representative Jim Wondra Thank You

FIELD INVOICE

Open Hole Test	\$
Misrun	\$ 300.00
Straddle Test	\$
Jars	\$
Selective Zone	\$
Safety Joint	\$
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage 15m	\$ 11.25
Fluid Sampler	\$
Extra Charts	\$
Insurance	\$
TOTAL	\$ 311.25

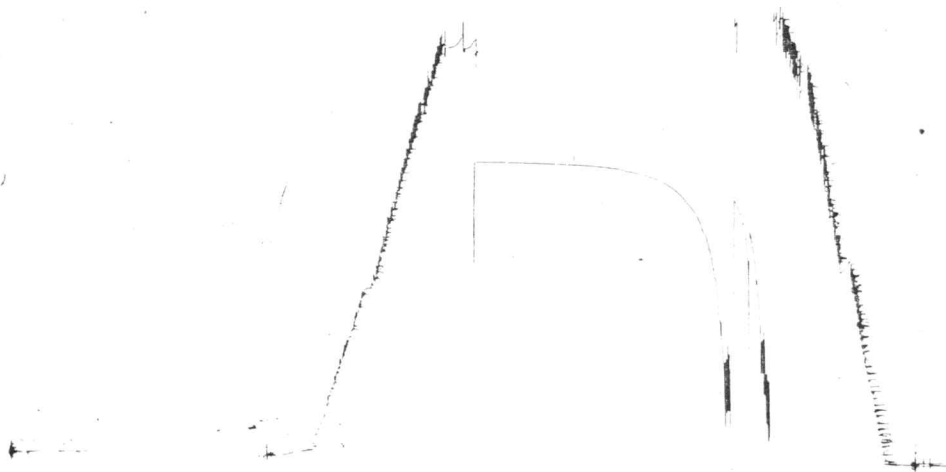
JK #7617

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JKt # 7617

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Company Raymond Oil Company, Inc. Lease & Well No. Fincham #1-A
 Elevation 1970 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 7617
 Date 10-8-80 Sec. 14 Twp. 26S Range 14W County Pratt State Kansas
 Test Approved by R E Rowland Western Representative Jim Wondra
 Formation Test No. 1 Interval Tested from 4253 ft. to 4300 ft. Total Depth 4300 ft.
 Packer Depth 4248 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4253 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4286 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4289 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Murfin Drilling Rig #19 Drill Collar Length - I. D. - in.
 Mud Type Driscap Viscosity 45 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 9.4 cc. Drill Pipe Length 4232 I. D. 3.8 in.
 Chlorides 14,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 47 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: Very weak blow throughout initial flow period. No blow on final flow period.

Recovered 20 ft. of drilling mud (few specks of oil on top of tool)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Tool did not open all the way, packed with mud.

MISRUN.

Time Set Packer(s) 1:30 ~~A.M.~~ P.M. Time Started Off Bottom 5:00 ~~A.M.~~ P.M. Maximum Temperature -
 Initial Hydrostatic Pressure (A) 2289 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) 2215 P.S.I.



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

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 7618

Elevation 1970 G.L. Formation Mississippi Eff. Pay — Ft.

District Pratt

Date 10/8/80

Customer Order No. —

COMPANY NAME Raymond Oil Co.

ADDRESS One Main Place Suite 900 Wichita, Ks 67202

LEASE AND WELL NO. Fincham #1-A COUNTY Pratt STATE Ks Sec. 14 Twp. 26S 14 W

Mail Invoice To Same

No. Copies Requested 5

Mail Charts To Same

Address

No. Copies Requested 5

Address

Formation Test No. 2 Interval Tested from 4253 ft. to 4300 ft. Total Depth 4300 ft.

Packer Depth 4248 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 4253 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4286 ft.

Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4289 ft.

Recorder Number 3351 Cap. 4000

Below Straddle Recorder Depth — ft.

Recorder Number — Cap. —

Drilling Contractor Murfin Drilling Rig #19

Drill Collar Length — I. D. — in.

Mud Type Driscopac Viscosity 45

Weight Pipe Length — I. D. — in.

Weight 9.3 Water Loss 9.4 cc.

Drill Pipe Length 4232 I. D. 3.8 in.

Chlorides 14,000 P.P.M.

Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make No Serial Number —

Anchor Length 47 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 1/2 in. Tool Joint Size 4 1/2 FH in.

Blow: Fair blow throughout first flow period
Strong blow throughout second flow period

Recovered 40 ft. of Sti Oil & Gas Cut Mud

Recovered — ft. of Slighty

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Remarks: —

Time On Location On Location A.M. Time Pick Up Tool 9:00 A.M. Time Off Location 4:30 A.M.

Time Set Packer(s) 10:30 A.M. Time Started Off Bottom 2:00 A.M. Maximum Temperature 126°

Initial Hydrostatic Pressure — (A) 2172 P.S.I.

Initial Flow Period 45 Minutes (B) 52 P.S.I. to (C) 63 P.S.I.

Initial Closed In Period 60 Minutes (D) 529 P.S.I.

Final Flow Period 45 Minutes (E) 63 P.S.I. to (F) 63 P.S.I.

Final Closed In Period 60 Minutes (G) 737 P.S.I.

Final Hydrostatic Pressure — (H) 2157 P.S.I.

COMPANY TERMS

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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 Jim Wondra Thank You

FIELD INVOICE

Open Hole Test \$ 1600.00
Misrun \$ —
Straddle Test \$ —
Jars \$ —
Selective Zone \$ —
Safety Joint \$ —
Standby \$ —
Evaluation \$ —
Extra Packer \$ —
Circ. Sub. \$ —
Mileage \$ W.C.
Fluid Sampler \$ —
Extra Charts \$ —
Insurance \$ —
TOTAL \$ 600.00

WESTERN TESTING CO., INC.

Pressure Data

Date 10-8-80

Test Ticket No. 7618

Recorder No. 2607

Capacity 4150

Location 4286 Ft.

Clock No.

Elevation 1970 GL

Well Temperature 126 °F

Point	Pressure	
A Initial Hydrostatic Mud	<u>2207</u>	P.S.I.
B First Initial Flow Pressure	<u>87</u>	P.S.I.
C First Final Flow Pressure	<u>69</u>	P.S.I.
D Initial Closed-in Pressure	<u>535</u>	P.S.I.
E Second Initial Flow Pressure	<u>95</u>	P.S.I.
F Second Final Flow Pressure	<u>77</u>	P.S.I.
G Final Closed-in Pressure	<u>743</u>	P.S.I.
H Final Hydrostatic Mud	<u>2156</u>	P.S.I.

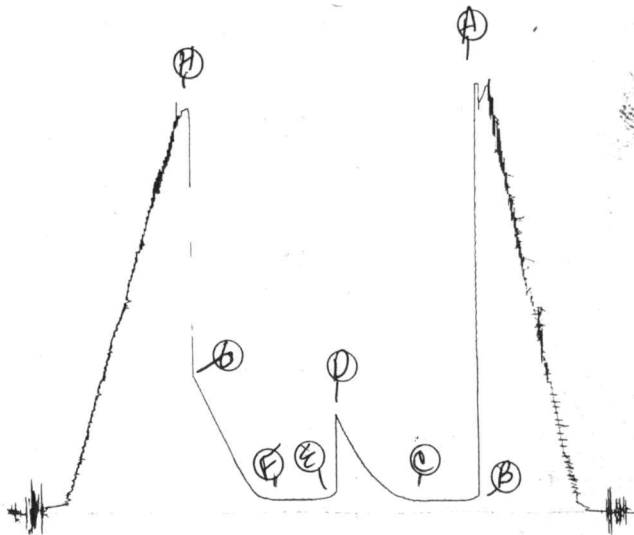
	Time Given	Time Computed
Open Tool	<u>10:30</u> P.M.	
First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>20</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>87</u>	<u>0</u>	<u>69</u>	<u>0</u>	<u>95</u>	<u>0</u>	<u>77</u>
P 2 <u>5</u>	<u>76</u>	<u>3</u>	<u>70</u>	<u>5</u>	<u>89</u>	<u>3</u>	<u>78</u>
P 3 <u>10</u>	<u>70</u>	<u>6</u>	<u>72</u>	<u>10</u>	<u>80</u>	<u>6</u>	<u>84</u>
P 4 <u>15</u>	<u>70</u>	<u>9</u>	<u>77</u>	<u>15</u>	<u>78</u>	<u>9</u>	<u>87</u>
P 5 <u>20</u>	<u> </u>	<u>12</u>	<u>87</u>	<u>20</u>	<u> </u>	<u>12</u>	<u>95</u>
P 6 <u>25</u>	<u> </u>	<u>15</u>	<u>91</u>	<u>25</u>	<u> </u>	<u>15</u>	<u>116</u>
P 7 <u>30</u>	<u> </u>	<u>18</u>	<u>101</u>	<u>30</u>	<u> </u>	<u>18</u>	<u>148</u>
P 8 <u>35</u>	<u>70</u>	<u>21</u>	<u>118</u>	<u>35</u>	<u> </u>	<u>21</u>	<u>180</u>
P 9 <u>40</u>	<u>68</u>	<u>24</u>	<u>140</u>	<u>40</u>	<u>78</u>	<u>24</u>	<u>218</u>
P10 <u>45</u>	<u>69</u>	<u>27</u>	<u>159</u>	<u>45</u>	<u>77</u>	<u>27</u>	<u>250</u>
P11 <u>50</u>	<u> </u>	<u>30</u>	<u>176</u>	<u>50</u>	<u> </u>	<u>30</u>	<u>296</u>
P12 <u>55</u>	<u> </u>	<u>33</u>	<u>193</u>	<u>55</u>	<u> </u>	<u>33</u>	<u>345</u>
P13 <u>60</u>	<u> </u>	<u>36</u>	<u>216</u>	<u>60</u>	<u> </u>	<u>36</u>	<u>390</u>
P14 <u> </u>	<u> </u>	<u>39</u>	<u>246</u>	<u>65</u>	<u> </u>	<u>39</u>	<u>436</u>
P15 <u> </u>	<u> </u>	<u>42</u>	<u>280</u>	<u>70</u>	<u> </u>	<u>42</u>	<u>479</u>
P16 <u> </u>	<u> </u>	<u>45</u>	<u>313</u>	<u>75</u>	<u> </u>	<u>45</u>	<u>525</u>
P17 <u> </u>	<u> </u>	<u>48</u>	<u>352</u>	<u>80</u>	<u> </u>	<u>48</u>	<u>567</u>
P18 <u> </u>	<u> </u>	<u>51</u>	<u>388</u>	<u>85</u>	<u> </u>	<u>51</u>	<u>614</u>
P19 <u> </u>	<u> </u>	<u>54</u>	<u>426</u>	<u>90</u>	<u> </u>	<u>54</u>	<u>656</u>
P20 <u> </u>	<u> </u>	<u>57</u>	<u>468</u>	<u> </u>	<u> </u>	<u>57</u>	<u>700</u>
		<u>60</u>	<u>535</u>			<u>60</u>	<u>743</u>

Set # 7618

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Company Raymond Oil Company, Inc. Lease & Well No. Fincham #1-A
 Elevation 1970 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 7618
 Date 10-8-80 Sec. 14 Twp. 26S Range 14W County Pratt State Kansas
 Test Approved by R E Rowland Western Representative Jim Wondra
 Formation Test No. 2 Interval Tested from 4253 ft. to 4300 ft. Total Depth 4300 ft.
 Packer Depth 4248 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4253 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4286 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4289 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Murfin Drilling Rig #19 Drill Collar Length - I. D. - in.
 Mud Type Driscap Viscosity 45 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 9.4 cc. Drill Pipe Length 4232 I. D. 3.8 in.
 Chlorides 14,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 47 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: Fair blow throughout initial flow period. Strong blow throughout final flow period.

Recovered 40 ft. of Slightly oil & gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 10:30 ~~A.M.~~ P.M. Time Started Off Bottom 2:00 ~~A.M.~~ P.M. Maximum Temperature 126
 Initial Hydrostatic Pressure (A) 2207 P.S.I.
 Initial Flow Period Minutes 45 (B) 87 P.S.I. to (C) 69 P.S.I.
 Initial Closed In Period Minutes 60 (D) 535 P.S.I.
 Final Flow Period Minutes 45 (E) 95 P.S.I. to (F) 77 P.S.I.
 Final Closed In Period Minutes 60 (G) 743 P.S.I.
 Final Hydrostatic Pressure (H) 2156 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10-8-80 Test Ticket No. 7618

Recorder No. 2607 Capacity 4150 Location 4286 Ft.

Clock No. - Elevation 1970 Ground Level Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2207</u> P.S.I.	Open Tool	<u>10:30P</u> M	
B First Initial Flow Pressure	<u>87</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>69</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>535</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>60</u> Mins.
F Second Final Flow Pressure	<u>77</u> P.S.I.			
G Final Closed-in Pressure	<u>743</u> P.S.I.			
H Final Hydrostatic Mud	<u>2156</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>20</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>87</u>	<u>0</u>	<u>69</u>	<u>0</u>	<u>95</u>	<u>0</u>	<u>77</u>
P 2 <u>5</u>	<u>76</u>	<u>3</u>	<u>70</u>	<u>5</u>	<u>89</u>	<u>3</u>	<u>78</u>
P 3 <u>10</u>	<u>70</u>	<u>6</u>	<u>72</u>	<u>10</u>	<u>80</u>	<u>6</u>	<u>84</u>
P 4 <u>15</u>	<u>70</u>	<u>9</u>	<u>77</u>	<u>15</u>	<u>78</u>	<u>9</u>	<u>87</u>
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P 9 <u>40</u>	<u>68</u>	<u>24</u>	<u>140</u>	<u>40</u>	<u>78</u>	<u>24</u>	<u>218</u>
P10 <u>45</u>	<u>69</u>	<u>27</u>	<u>159</u>	<u>45</u>	<u>77</u>	<u>27</u>	<u>250</u>
P11		<u>30</u>	<u>176</u>			<u>30</u>	<u>296</u>
P12		<u>33</u>	<u>193</u>			<u>33</u>	<u>345</u>
P13		<u>36</u>	<u>216</u>			<u>36</u>	<u>390</u>
P14		<u>39</u>	<u>246</u>			<u>39</u>	<u>436</u>
P15		<u>42</u>	<u>280</u>			<u>42</u>	<u>479</u>
P16		<u>45</u>	<u>313</u>			<u>45</u>	<u>525</u>
P17		<u>48</u>	<u>352</u>			<u>48</u>	<u>567</u>
P18		<u>51</u>	<u>388</u>			<u>51</u>	<u>614</u>
P19		<u>54</u>	<u>426</u>			<u>54</u>	<u>656</u>
P20		<u>57</u>	<u>468</u>			<u>57</u>	<u>700</u>
		<u>60</u>	<u>535</u>			<u>60</u>	<u>743</u>



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 7619

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

Elevation 1970 G.L. Formation Kinderhook Eff. Pay - Ft.

District Pratt

Date 10/9/80

Customer Order No. -

COMPANY NAME

ADDRESS

LEASE AND WELL NO.

COUNTY

STATE

Sec.

Twp

Rge

Mail Invoice To

Co. Name

Address

No. Copies Requested

Mail Charts To

Address

No. Copies Requested

Formation Test No.

Interval Tested from

ft. to

Total Depth

ft.

Packer Depth

ft.

Size

in.

Packer Depth

ft.

Size

in.

Packer Depth

ft.

Size

in.

Packer Depth

ft.

Size

in.

Depth of Selective Zone Set

Top Recorder Depth (Inside)

ft.

Recorder Number

Cap.

Bottom Recorder Depth (Outside)

ft.

Recorder Number

Cap.

Below Straddle Recorder Depth

ft.

Recorder Number

Cap.

Drilling Contractor

Drill Collar Length

I. D.

in.

Mud Type

Viscosity

Weight Pipe Length

I. D.

in.

Weight

Water Loss

cc.

Drill Pipe Length

I. D.

in.

Chlorides

P.P.M.

Test Tool Length

ft.

Tool Size

in.

Jars: Make

Serial Number

Anchor Length

ft.

Size

in.

Did Well Flow?

Reversed Out

Surface Choke Size

in.

Bottom Choke Size

in.

Main Hole Size

in.

Tool Joint Size

in.

Blow:

Recovered 10 ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time On Location

A.M.

P.M.

Time Pick Up Tool

A.M.

P.M.

Time Off Location

A.M.

P.M.

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

Signature of Customer or his authorized representative

Western Representative

FIELD INVOICE

Open Hole Test

\$

Misrun

\$

Straddle Test

\$

Jars

\$

Selective Zone

\$

Safety Joint

\$

Standby

\$

Evaluation

\$

Extra Packer

\$

Circ. Sub.

\$

Mileage

\$

Fluid Sampler

\$

Extra Charts

\$

Insurance

\$

TOTAL

\$

WESTERN TESTING CO., INC.

Pressure Data

Date 10-9-81

Recorder No. 2607

Capacity 4150

Test Ticket No. 7619

Location 4319 Ft.

Clock No.

Elevation 1970 GL

Well Temperature 127 °F

Point	Pressure	
A Initial Hydrostatic Mud	<u>2198</u> <u>2215</u> P.S.I.	
B First Initial Flow Pressure	<u>84</u> P.S.I.	
C First Final Flow Pressure	<u>53</u> P.S.I.	
D Initial Closed-in Pressure	<u>56</u> P.S.I.	
E Second Initial Flow Pressure	<u>53</u> P.S.I.	
F Second Final Flow Pressure	<u>50</u> P.S.I.	
G Final Closed-in Pressure	<u>55</u> P.S.I.	
H Final Hydrostatic Mud	<u>2198</u> P.S.I.	

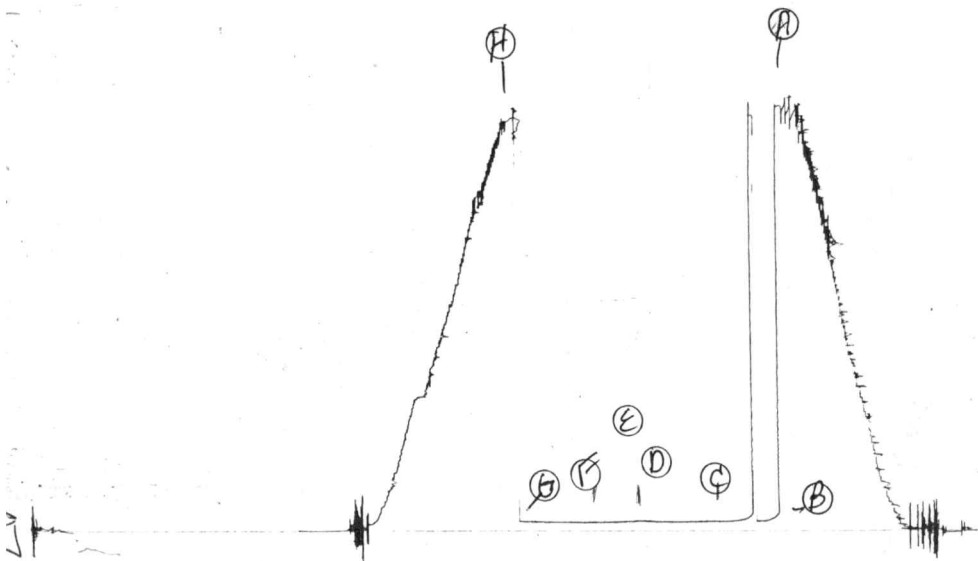
	Time Given	Time Computed
Open Tool	<u>6:30</u> P _M	
First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
Initial Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Final Closed-in Pressure	<u>60</u> Mins.	<u>54</u> Mins.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>18</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>84</u>	<u>0</u>	<u>53</u>	<u>0</u>	<u>53</u>	<u>0</u>	<u>50</u>
P 2 <u>5</u>	<u>63</u>	<u>3</u>		<u>5</u>	<u>53</u>	<u>3</u>	
P 3 <u>10</u>	<u>55</u>	<u>6</u>		<u>10</u>	<u>52</u>	<u>6</u>	
P 4 <u>15</u>	<u>55</u>	<u>9</u>		<u>15</u>	<u>50</u>	<u>9</u>	
P 5 <u>20</u>	<u>84</u> <u>FLUSHED TOOL</u>	<u>12</u>		<u>20</u>		<u>12</u>	
P 6 <u>25</u>	<u>63</u>	<u>15</u>	<u>53</u>	<u>25</u>		<u>15</u>	
P 7 <u>30</u>	<u>59</u>	<u>18</u>		<u>30</u>	<u>50</u>	<u>18</u>	
P 8 <u>35</u>	<u>53</u>	<u>21</u>		<u>35</u>		<u>21</u>	
P 9 <u>40</u>	<u>53</u>	<u>24</u>		<u>40</u>		<u>24</u>	
P10 <u>45</u>	<u>53</u>	<u>27</u>		<u>45</u>		<u>27</u>	<u>50</u>
P11 <u>50</u>		<u>30</u>	<u>53</u>	<u>50</u>		<u>30</u>	<u>51</u>
P12 <u>55</u>		<u>33</u>		<u>55</u>		<u>33</u>	<u>51</u>
P13 <u>60</u>		<u>36</u>		<u>60</u>		<u>36</u>	<u>52</u>
P14		<u>39</u>		<u>65</u>		<u>39</u>	<u>53</u>
P15		<u>42</u>		<u>70</u>		<u>42</u>	<u>53</u>
P16		<u>45</u>	<u>53</u>	<u>75</u>		<u>45</u>	<u>54</u>
P17		<u>48</u>	<u>54</u>	<u>80</u>		<u>48</u>	<u>54</u>
P18		<u>51</u>	<u>55</u>	<u>85</u>		<u>51</u>	<u>55</u>
P19		<u>54</u>	<u>56</u>	<u>90</u>		<u>54</u>	<u>55</u>
P20		<u>57</u>	<u>56</u>			<u>57</u>	<u>55</u>

SKt # 7619

I



Company Raymond Oil Company, Inc. Lease & Well No. Fincham #1-A
 Elevation 1970 Ground Level Formation Kinderhook Effective Pay - Ft. Ticket No. 7619
 Date 10-9-80 Sec. 14 Twp 26S Range 14W County Pratt State Kansas
 Test Approved by R E Rowland Western Representative Jim Wondra
 Formation Test No. 3 Interval Tested from 4297 ft. to 4329 ft. Total Depth 4329 ft.
 Packer Depth 4292 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4297 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4319 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4322 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Murfin Drilling Rig #19 Drill Collar Length - I. D. - in.
 Mud Type Drispac Viscosity 47 Weight Pipe Length - I. D. - in.
 Weight 9.2 Water Loss 13.6 cc. Drill Pipe Length 4276 I. D. 3.8 in.
 Chlorides 18,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 32 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: Very weak blow died in 12 minutes on initial flow period. No blow on final flow period.

Recovered 10 ft. of drilling mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 6:30 ~~AM~~ P.M. Time Started Off Bottom 9:45 ~~AM~~ P.M. Maximum Temperature 127
 Initial Hydrostatic Pressure (A) 2215 P.S.I.
 Initial Flow Period Minutes 45 (B) 84 P.S.I. to (C) 53 P.S.I.
 Initial Closed In Period Minutes 57 (D) 56 P.S.I.
 Final Flow Period Minutes 30 (E) 53 P.S.I. to (F) 50 P.S.I.
 Final Closed In Period Minutes 54 (G) 55 P.S.I.
 Final Hydrostatic Pressure (H) 2198 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10-9-80 Test Ticket No. 7619
 Recorder No. 2607 Capacity 4150 Location 4319 Ft.
 Clock No. - Elevation 1970 Ground Level Well Temperature 127 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud <u>2215</u> P.S.I.	Open Tool	6:30P	M
B First Initial Flow Pressure <u>84</u> P.S.I.	First Flow Pressure	45 Mins.	45 Mins.
C First Final Flow Pressure <u>53</u> P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D Initial Closed-in Pressure <u>56</u> P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure <u>53</u> P.S.I.	Final Closed-in Pressure	60 Mins.	54 Mins.
F Second Final Flow Pressure <u>50</u> P.S.I.			
G Final Closed-in Pressure <u>55</u> P.S.I.			
H Final Hydrostatic Mud <u>2198</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>18</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>84</u>	<u>0</u>	<u>53</u>	<u>0</u>	<u>53</u>	<u>0</u>	<u>50</u>
P 2 <u>5</u>	<u>63</u>	<u>3</u>	<u>53</u>	<u>5</u>	<u>53</u>	<u>3</u>	<u>50</u>
P 3 <u>10</u>	<u>55</u>	<u>6</u>	<u>53</u>	<u>10</u>	<u>52</u>	<u>6</u>	<u>50</u>
P 4 <u>15</u>	<u>55</u>	<u>9</u>	<u>53</u>	<u>15</u>	<u>50</u>	<u>9</u>	<u>50</u>
P 5 <u>20</u>	<u>84</u>	<u>12</u>	<u>53</u>	<u>20</u>	<u>50</u>	<u>12</u>	<u>50</u>
P 6 <u>25</u>	<u>63</u>	<u>15</u>	<u>53</u>	<u>25</u>	<u>50</u>	<u>15</u>	<u>50</u>
P 7 <u>30</u>	<u>59</u>	<u>18</u>	<u>53</u>	<u>30</u>	<u>50</u>	<u>18</u>	<u>50</u>
P 8 <u>35</u>	<u>53</u>	<u>21</u>	<u>53</u>			<u>21</u>	<u>50</u>
P 9 <u>40</u>	<u>53</u>	<u>24</u>	<u>53</u>			<u>24</u>	<u>50</u>
P10 <u>45</u>	<u>53</u>	<u>27</u>	<u>53</u>			<u>27</u>	<u>50</u>
P11		<u>30</u>	<u>53</u>			<u>30</u>	<u>51</u>
P12		<u>33</u>	<u>53</u>			<u>33</u>	<u>51</u>
P13		<u>36</u>	<u>53</u>			<u>36</u>	<u>52</u>
P14		<u>39</u>	<u>53</u>			<u>39</u>	<u>53</u>
P15		<u>42</u>	<u>53</u>			<u>42</u>	<u>53</u>
P16		<u>45</u>	<u>53</u>			<u>45</u>	<u>54</u>
P17		<u>48</u>	<u>54</u>			<u>48</u>	<u>54</u>
P18		<u>51</u>	<u>55</u>			<u>51</u>	<u>55</u>
P19		<u>54</u>	<u>56</u>			<u>54</u>	<u>55</u>
P20		<u>57</u>	<u>56</u>				