



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No 15207

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

Elevation 1799 g1 Formation ~~Miss.~~ Miss. Eff. Pay Ft.

District

Pratt

Date

5-11-82

Customer Order No.

COMPANY NAME

F. G. Hall

ADDRESS

6427 E. Kellogg Wichita, Ks. 67207

LEASE AND WELL NO.

Young 2-18

COUNTY

Barber

STATE

Ks.

Sec.

18 305 124

Twp.

30 Rge. 12

Mail Invoice To

Co. Name

#2-18 L. Young

Address

No. Copies Requested

Mail Charts To

Address

No. Copies Requested

Formation Test No.

1

Interval Tested From

4249

ft. to

4324

ft.

Total Depth

4324

ft.

Packer Depth

4244

ft.

Size

6 5/8 in.

Packer Depth

—

ft.

Size

— in.

Packer Depth

4249

ft.

Size

6 5/8 in.

Packer Depth

—

ft.

Size

— in.

Depth of Selective Zone Set

Top Recorder Depth (Inside)

4289

ft.

Recorder Number

1566

Cap.

4300

Bottom Recorder Depth (Outside)

4293

ft.

Recorder Number

3086

Cap.

4500

Below Straddle Recorder Depth

—

ft.

Recorder Number

—

Cap.

—

Drilling Contractor

Steering Rig #2

Drill Collar Length

279'

I. D.

2.2

in.

Mud Type

chemical

Viscosity

60

Weight Pipe Length

455'

I. D.

3.2

in.

Weight

9.4

Water Loss

12.0

cc.

Drill Pipe Length

3486'

I. D.

3.8

in.

Chlorides

16,000

P.P.M.

Test Tool Length

31' 29" ft.

Tool Size

5 1/2

in.

Jars: Make

WTC

Serial Number

3666

Anchor Length

31' 44" 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 in.

Blow:

Fair 6 inch I.F.P.

Fair 6 inch depleting to 3 inch F.F.P.

Recovered

62' ft. of

Dilg mud-

Recovered

ft. of

Recovered

ft. of

Recovered

ft. of

Recovered

ft. of

Remarks:

RECEIVED
MAY 14 1982

Time On Location

9:30

A.M.

Time Pick Up Tool

10:30

P.M.

Time Off Location

6:00

A.M.

Time Set Packer(s)

1:00

P.M.

Time Started Off Bottom

3:30

P.M.

Maximum Temperature

120°

Initial Hydrostatic Pressure

(A)

2253

P.S.I.

Initial Flow Period

Minutes

30

(B)

129

P.S.I. to (C)

86

P.S.I.

Initial Closed In Period

Minutes

30

(D)

172

P.S.I.

Final Flow Period

Minutes

60

(E)

97

P.S.I. to (F)

86

P.S.I.

Final Closed In Period

Minutes

30

(G)

194

P.S.I.

Final Hydrostatic Pressure

(H)

2253

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

William J. Stobbe
Signature of Customer or his authorized representative

Western Representative

Mike Rogers Thank You!

FIELD INVOICE

Open Hole Test

\$ 675.00

Misrun

\$

Straddle Test

\$

Jars

\$ 300.00

Selective Zone

\$

Safety Joint

\$ 65.00

Standby

\$

Evaluation

\$

Extra Packer

\$

Circ. Sub.

\$

Mileage

\$ 150.00

Fluid Sampler

\$

Extra Charts

\$

Insurance

\$

Telecopier

\$

TOTAL

\$ 1040.00

WESTERN TESTING CO., INC.

Pressure Data

Date 5-11 Recorder No. 1566 Capacity 4300 Test Ticket No. 15207
 Clock No. --- Elevation 1799 Location 4289 Ft. ---
 Well Temperature 120 °F

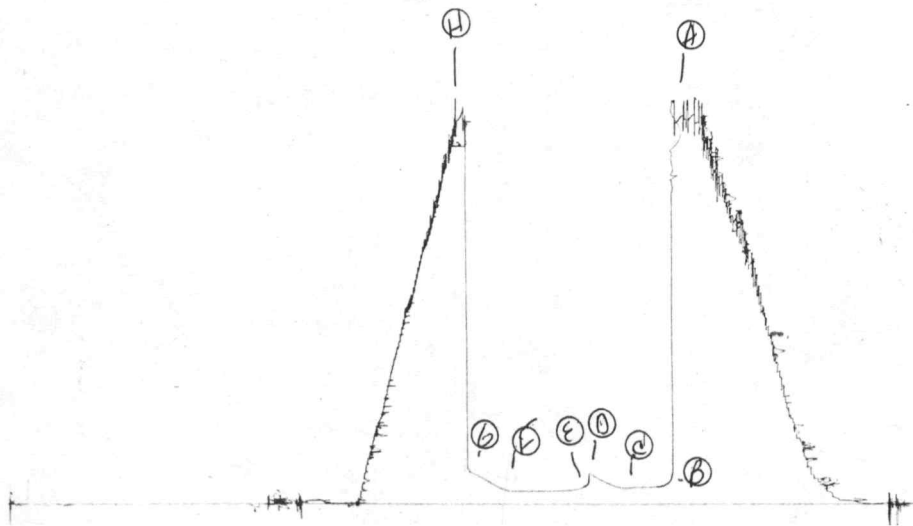
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2243</u> P.S.I.	<u>1:00</u> P	<u>---</u> M
B First Initial Flow Pressure	<u>93</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>88</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>168</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>72</u> P.S.I.	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>72</u> P.S.I.		
G Final Closed-in Pressure	<u>201</u> P.S.I.		
H Final Hydrostatic Mud	<u>2189</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>11</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>93</u>	<u>0</u>	<u>88</u>	<u>0</u>	<u>72</u>	<u>0</u>	<u>72</u>
P 2 <u>5</u>		<u>3</u>	<u>88</u>	<u>5</u>		<u>3</u>	<u>76</u>
P 3 <u>10</u>		<u>6</u>	<u>89</u>	<u>10</u>		<u>6</u>	<u>84</u>
P 4 <u>15</u>		<u>9</u>	<u>91</u>	<u>15</u>		<u>9</u>	<u>93</u>
P 5 <u>20</u>		<u>12</u>	<u>96</u>	<u>20</u>		<u>12</u>	<u>106</u>
P 6 <u>25</u>	<u>93</u>	<u>15</u>	<u>104</u>	<u>25</u>		<u>15</u>	<u>119</u>
P 7 <u>30</u>	<u>88</u>	<u>18</u>	<u>113</u>	<u>30</u>		<u>18</u>	<u>132</u>
P 8 <u>35</u>		<u>21</u>	<u>125</u>	<u>35</u>		<u>21</u>	<u>146</u>
P 9 <u>40</u>		<u>24</u>	<u>136</u>	<u>40</u>		<u>24</u>	<u>158</u>
P10 <u>45</u>		<u>27</u>	<u>149</u>	<u>45</u>		<u>27</u>	<u>168</u>
P11 <u>50</u>		<u>30</u>	<u>168</u>	<u>50</u>		<u>30</u>	<u>177</u>
P12 <u>55</u>		<u>33</u>		<u>55</u>		<u>33</u>	<u>201</u>
P13 <u>60</u>		<u>36</u>		<u>60</u>	<u>72</u>	<u>36</u>	
P14		<u>39</u>		<u>65</u>		<u>39</u>	
P15		<u>42</u>		<u>70</u>		<u>42</u>	
P16		<u>45</u>		<u>75</u>		<u>45</u>	
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

1566

IR # 15207
I



Company F. G. Holl Lease & Well No. L. Young #2-18
Elevation 1799 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 15207
Date 5/11/82 Sec. 18 Twp. 30S Range 12W County Barber State Kansas
Test Approved by William J. Hobbe Western Representative Mike Rogers

Formation Test No. 1 Interval Tested from 4249 ft. to 4324 ft. Total Depth 4324 ft.

Packer Depth 4244 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4249 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4289 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4293 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Sterling Drlg. Rig #2 Drill Collar Length 279 I. D. 2.2 in.

Mud Type chemical Viscosity 60 Weight Pipe Length 455 I. D. 3.2 in.

Weight 9.4 Water Loss 12.0 cc. Drill Pipe Length 3486 I. D. 3.8 in.

Chlorides 16,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 3660 Anchor Length 75 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 in.

Blow: Fair six inch blow on initial flow period. Fair six inch blow depleting to three inch blow on final flow period.

Recovered 62 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 1:00 ~~A.M.~~ P.M. Time Started Off Bottom 3:30 ~~A.M.~~ P.M. Maximum Temperature 120°

Initial Hydrostatic Pressure 2243 (A) P.S.I.

Initial Flow Period 30 Minutes (B) 93 P.S.I. to (C) 88 P.S.I.

Initial Closed In Period 30 Minutes (D) 168 P.S.I.

Final Flow Period 60 Minutes (E) 72 P.S.I. to (F) 72 P.S.I.

Final Closed In Period 33 Minutes (G) 201 P.S.I.

Final Hydrostatic Pressure 2189 (H) P.S.I.

