



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 4794

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

Elevation

Formation

K.C.

Eff. Pay Ft.

District Great Bend Date 3/30/80 Customer Order No.
COMPANY NAME Lee Phillips O.L. Company
ADDRESS 125 N. Market, Suite 1532, Wichita, KS
LEASE AND WELL NO. Farago #1 COUNTY Stafford STATE Ks. Sec. 15 Twp. 22S Rge. 13W
Mail Invoice To Same As Above No. Copies Requested 5
Co. Name " " Address " "
Mail Charts To " " No. Copies Requested 5

Formation Test No. 1 Interval Tested from 3508 ft. to 3564 ft. Total Depth 3564 ft.
Packer Depth 3503 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3508 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set

Top Recorder Depth (Inside) 3554 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 3557 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Woodman & Ignnithi Drill Collar Length I. D. in.
Mud Type Starch Viscosity 41 Weight Pipe Length 744 I. D. 2.0 in.
Weight 10 Water Loss 20.8 cc. Drill Pipe Length 2743 I. D. 3.8 in.
Chlorides 80,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
Jars: Make Serial Number Anchor Length 56 ft. Size 5 1/2 OD in.
Did Well Flow? Yes Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 XH in.

Blow: STRONG Throught Out first F.P. - STRONG GAS TO SURFACE IN 10 MIN OF 2nd F.P. TO 1/4 in. of gas to gauge.

Recovered 400 ft. of Oil & Gas Cut Watery Mud
Recovered 180 ft. of Sl. Oil Cut Water
Recovered 400 ft. of Water Chlorides 105,000 PPM
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 9:13 P.M. Time Started Off Bottom 12:15 A.M. Maximum Temperature 110
Initial Hydrostatic Pressure (A) 1882 P.S.I.
Initial Flow Period 45 Minutes (B) 107 P.S.I. to (C) 300 P.S.I.
Initial Closed In Period 45 Minutes (D) 606 P.S.I.
Final Flow Period 45 Minutes (E) 361 P.S.I. to (F) 400 P.S.I.
Final Closed In Period 45 Minutes (G) 606 P.S.I.
Final Hydrostatic Pressure (H) 1875 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 Dennis Wondra Thank You
Gene Eberhart

FIELD INVOICE

Open Hole Test \$ 500.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
TOTAL \$ 500.00

APR - 3 1980

WESTERN TESTING CO., INC.

Pressure Data

Date 3-30-80 Test Ticket No. 4794
 Recorder No. 3474 Capacity 3000 Location 3554 Ft.
 Clock No. _____ Elevation _____ Well Temperature 110 °F

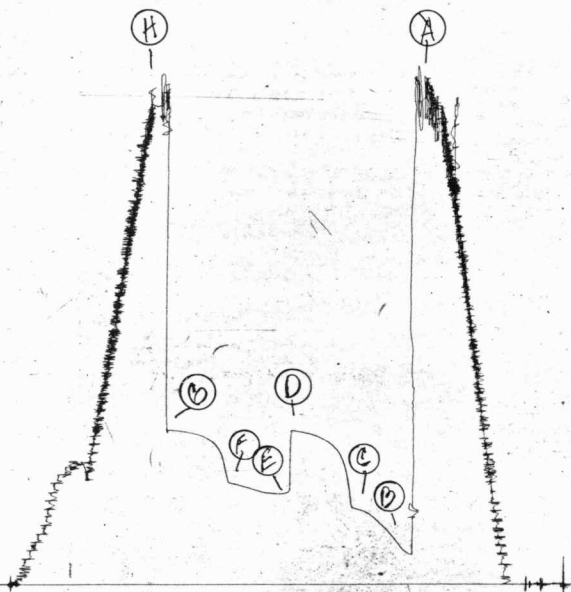
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1892</u>	P.S.I.	<u>9:13</u> P	M
B First Initial Flow Pressure	<u>115</u>	P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>302</u>	P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>602</u>	P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>361</u>	P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>398</u>	P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
G Final Closed-in Pressure	<u>603</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1892</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>15</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>15</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 0	<u>115</u>	0	<u>302</u>	0	<u>361</u>	0	<u>398</u>
P 2 5	<u>130</u>	3	<u>405</u>	5	<u>355</u>	3	<u>474</u>
P 3 10	<u>159</u>	6	<u>474</u>	10	<u>356</u>	6	<u>520</u>
P 4 15	<u>191</u>	9	<u>509</u>	15	<u>358</u>	9	<u>544</u>
P 5 20	<u>220</u>	12	<u>530</u>	20	<u>365</u>	12	<u>559</u>
P 6 25	<u>245</u>	15	<u>545</u>	25	<u>372</u>	15	<u>570</u>
P 7 30	<u>268</u>	18	<u>558</u>	30	<u>379</u>	18	<u>575</u>
P 8 35 286	286	21	<u>567</u>	35	<u>386</u>	21	<u>581</u>
P 9 40 294	294	24	<u>576</u>	40	<u>392</u>	24	<u>586</u>
P 10 45 302	302	27	<u>584</u>	45	<u>398</u>	27	<u>691</u>
P 11 50		30	<u>588</u>	50		30	<u>595</u>
P 12 55		33	<u>591</u>	55		33	<u>599</u>
P 13 60		36	<u>594</u>	60		36	<u>599</u>
P 14		39	<u>597</u>	65		39	<u>601</u>
P 15		42	<u>600</u>	70		42	<u>602</u>
P 16		45	<u>602</u>	75		45	<u>603</u>
P 17		48		80		48	
P 18		51		85		51	
P 19		54		90		54	
P 20		57				57	
		60				60	

TRT # 21994
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Company Lee Phillips Oil Company Lease & Well No. Farago #1
Elevation -- Formation Kansas City Effective Pay ----- Ft. Ticket No. 4794
Date 3/30/80 Sec. 15 Twp. 22S Range 13W County Stafford State Kansas
Test Approved by --- Western Representative Denis Wondra-Gene Eberhar
Formation Test No. 1 Interval Tested from 3508 ft. to 3564 ft. Total Depth 3564 ft.
Packer Depth 3503 ft. Size 6 3/4 Packer Depth - ft. Size - in.
Packer Depth 3508 ft. Size 6 3/4 Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3554 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 3557 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Woodman & Iannitti Drill Collar Length -- I. D. - in.
Mud Type starch Viscosity 41 Weight Pipe Length 744 I. D. 2.8 in.
Weight 10 Water Loss 20.8 cc. Drill Pipe Length 2743 I. D. 3.8 in.
Chlorides 80,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 56 ft. Size 5 1/2 QD in.
Did Well Flow? Yes 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: Strong throughout first flow period. Strong, Gas to surface in ten minutes
on second flow period. Too little of gas to gauge.

Recovered 400 ft. of oil and gas cut watery mud

Recovered 180 ft. of slightly oil cut water

Recovered 400 ft. of water Chlorides 105,000 ppm

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:13 ~~A.M.~~ P.M. Time Started Off Bottom 12:15 ~~A.M.~~ P.M. Maximum Temperature 110°
Initial Hydrostatic Pressure 1892 (A) P.S.I.
Initial Flow Period 45 Minutes (B) 115 P.S.I. to (C) 302 P.S.I.
Initial Closed In Period 45 Minutes (D) 602 P.S.I.
Final Flow Period 45 Minutes (E) 361 P.S.I. to (F) 398 P.S.I.
Final Closed In Period 45 Minutes (G) 603 P.S.I.
Final Hydrostatic Pressure 1872 (H) P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 3/30/80 Test Ticket No. 4794
Recorder No. 3474 Capacity 3000 Location 3554 Ft.
Clock No. ----- Elevation ----- Well Temperature 110 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1892	P.S.I.	9:13P	M
B First Initial Flow Pressure	115	P.S.I.	45	Mins. 45 Mins.
C First Final Flow Pressure	302	P.S.I.	45	Mins. 45 Mins.
D Initial Closed-in Pressure	602	P.S.I.	45	Mins. 45 Mins.
E Second Initial Flow Pressure	361	P.S.I.	45	Mins. 45 Mins.
F Second Final Flow Pressure	398	P.S.I.		
G Final Closed-in Pressure	603	P.S.I.		
H Final Hydrostatic Mud	1872	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>15</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>115</u>	<u>0</u>	<u>302</u>	<u>0</u>	<u>361</u>	<u>0</u>	<u>398</u>
P 2 <u>5</u>	<u>130</u>	<u>3</u>	<u>405</u>	<u>5</u>	<u>355</u>	<u>3</u>	<u>474</u>
P 3 <u>10</u>	<u>159</u>	<u>6</u>	<u>474</u>	<u>10</u>	<u>356</u>	<u>6</u>	<u>520</u>
P 4 <u>15</u>	<u>191</u>	<u>9</u>	<u>509</u>	<u>15</u>	<u>358</u>	<u>9</u>	<u>544</u>
P 5 <u>20</u>	<u>220</u>	<u>12</u>	<u>530</u>	<u>20</u>	<u>365</u>	<u>12</u>	<u>559</u>
P 6 <u>25</u>	<u>245</u>	<u>15</u>	<u>545</u>	<u>25</u>	<u>372</u>	<u>15</u>	<u>570</u>
P 7 <u>30</u>	<u>268</u>	<u>18</u>	<u>558</u>	<u>30</u>	<u>379</u>	<u>18</u>	<u>575</u>
P 8 <u>35</u>	<u>286</u>	<u>21</u>	<u>567</u>	<u>35</u>	<u>386</u>	<u>21</u>	<u>581</u>
P 9 <u>40</u>	<u>294</u>	<u>24</u>	<u>576</u>	<u>40</u>	<u>392</u>	<u>24</u>	<u>586</u>
P10 <u>45</u>	<u>302</u>	<u>27</u>	<u>584</u>	<u>45</u>	<u>398</u>	<u>27</u>	<u>591</u>
P11		<u>30</u>	<u>588</u>			<u>30</u>	<u>595</u>
P12		<u>33</u>	<u>591</u>			<u>33</u>	<u>597</u>
P13		<u>36</u>	<u>594</u>			<u>36</u>	<u>599</u>
P14		<u>39</u>	<u>597</u>			<u>39</u>	<u>601</u>
P15		<u>42</u>	<u>600</u>			<u>42</u>	<u>602</u>
P16		<u>45</u>	<u>602</u>			<u>45</u>	<u>603</u>
P17							
P18							
P19							
P20							



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N^o 4795

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

Elevation 1895 K.B Formation KC Eff. Pay Ft.

District Date 3/31/80 Customer Order No.
COMPANY NAME Lee Phillips Oil Company
ADDRESS 125 No Market Suite 1532, Wichita, K
LEASE AND WELL NO. Farago #1 COUNTY Stafford STATE Ks Sec. 15 Twp. 22S Rge. 13W
Mail Invoice To Same As Above Co. Name Address No. Copies Requested 5
Mail Charts To Co. Name Address No. Copies Requested 5

Formation Test No. #2 Interval Tested from 3570 ft. to 3606 ft. Total Depth 3606 ft.
Packer Depth 3565 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3570 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set
Top Recorder Depth (Inside) 3596 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 3599 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth ft. Recorder Number Cap.
Drilling Contractor Woodman & Tannith Rig 1 Drill Collar Length I. D. in.
Mud Type Starch Viscosity 43 Weight Pipe Length 744 I. D. 2.8 in.
Weight 12.0 Water Loss 11.6 cc. Drill Pipe Length 2785 I. D. 3.8 in.
Chlorides 76,000 P.P.M. Test Tool Length 2136 ft. Tool Size 5 1/2 OD in.
Jars: Make Serial Number Anchor Length 36 ft. Size 5 1/2 OD in.
Did Well Flow? yes Reversed Out Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 XH in.

Blow: STRONG Blow Throught out Both openings

Recovered 1740 ft. of Gas In Pipe
Recovered 60 ft. of Heavy Oil & Gas Cut Mud
Recovered 180 ft. of Mudely Oil
Recovered ft. of
Recovered ft. of
Remarks:

RECEIVED
APR - 3 1980

Time Set Packer(s) 3101 A.M. Time Started Off Bottom 5105 A.M. Maximum Temperature 108
Initial Hydrostatic Pressure (A) 1966 P.S.I.
Initial Flow Period 30 Minutes (B) 53 P.S.I. to (C) 69 P.S.I.
Initial Closed In Period 30 Minutes (D) 651 P.S.I.
Final Flow Period 30 Minutes (E) 100 P.S.I. to (F) 107 P.S.I.
Final Closed In Period 30 Minutes (G) 636 P.S.I.
Final Hydrostatic Pressure (H) 1958 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 Gene Wandra Thank you
Gene Eckhart

FIELD INVOICE

Open Hole Test \$ 500.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$

TOTAL \$ 500.00

WESTERN TESTING CO., INC.

Pressure Data

Date 3-31-80

Test Ticket No. 4795

Recorder No. 3474

Capacity 3000

Location 3596 Ft.

Clock No. _____

Elevation 1895 KB

Well Temperature 108 °F

Point

Pressure

Time Given

Time Computed

A Initial Hydrostatic Mud 1976 P.S.I.
 B First Initial Flow Pressure 56 P.S.I.
 C First Final Flow Pressure 74 P.S.I.
 D Initial Closed-in Pressure 650 P.S.I.
 E Second Initial Flow Pressure 105 P.S.I.
 F Second Final Flow Pressure 111 P.S.I.
 G Final Closed-in Pressure 636 P.S.I.
 H Final Hydrostatic Mud 1944 P.S.I.

Open Tool

3101 P M

First Flow Pressure

30 Mins. 30 Mins.

Initial Closed-in Pressure

30 Mins. 30 Mins.

Second Flow Pressure

30 Mins. 30 Mins.

Final Closed-in Pressure

30 Mins. 30 Mins.

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: 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.

P 1	0	<u>56</u>
P 2	5	<u>56</u>
P 3	10	<u>57</u>
P 4	15	<u>61</u>
P 5	20	<u>66</u>
P 6	25	<u>70</u>
P 7	30	<u>74</u>
P 8	35	
P 9	40	
P 10	45	
P 11	50	
P 12	55	
P 13	60	
P 14		
P 15		
P 16		
P 17		
P 18		
P 19		
P 20		

Point
Minutes

Press.

0	<u>74</u>
3	<u>109</u>
6	<u>153</u>
9	<u>214</u>
12	<u>280</u>
15	<u>370</u>
18	<u>459</u>
21	<u>530</u>
24	<u>582</u>
27	<u>621</u>
30	<u>650</u>
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

Point
Minutes

Press.

0	<u>105</u>
5	<u>104</u>
10	<u>102</u>
15	<u>103</u>
20	<u>106</u>
25	<u>108</u>
30	<u>111</u>
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	

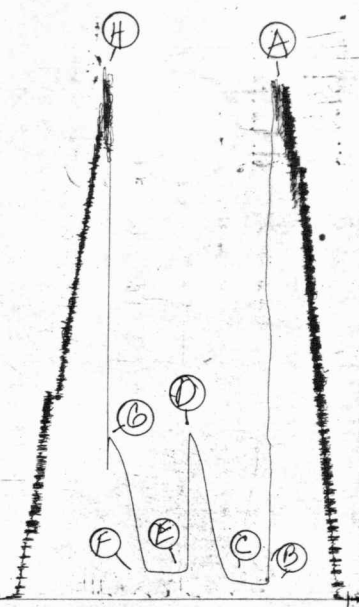
Point
Minutes

Press.

0	<u>111</u>
3	<u>162</u>
6	<u>236</u>
9	<u>320</u>
12	<u>405</u>
15	<u>472</u>
18	<u>526</u>
21	<u>568</u>
24	<u>597</u>
27	<u>624</u>
30	<u>636</u>
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

TKL # 4795
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Company Lee Phillips Oil Company Lease & Well No. Farago #1
Elevation 1895 Kelly Bushing Formation Kansas City Effective Pay ---- Ft. Ticket No. 4795
Date 3/31/80 Sec. 15 Twp. 22S Range 13W County Stafford State Kansas
Test Approved by _____ Western Representative Denis Wondra-Gene Eberhart

Formation Test No. 2 Interval Tested from 3570 ft. to 3606 ft. Total Depth 3606 ft.

Packer Depth 3565 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3570 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3596 ft. Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 3599 ft. Recorder Number 3659 Cap. 4000

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

Drilling Contractor Woodman - Iannitti Rig #1 Drill Collar Length -- I. D. - in.

Mud Type starch Viscosity 43 Weight Pipe Length 744 I. D. 2.8 in.

Weight 10.0 Water Loss 11.6 cc. Drill Pipe Length 2785 I. D. 3.8 in.

Chlorides 76,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.

Jars: Make -- Serial Number - Anchor Length 36 ft. Size 5 1/2 OD in.

Did Well Flow? Yes 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: Strong blow throughout both opening.

Recovered 1740 ft. of gas in pipe

Recovered 60 ft. of heavily oil and gas cut mud

Recovered 180 ft. of muddy oil

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s) 3:01 A.M. Time Started Off Bottom 5:05 P.M. Maximum Temperature 108°

Initial Hydrostatic Pressure _____ (A) 1976 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 56 P.S.I. to (C) 74 P.S.I.

Initial Closed In Period _____ Minutes 30 (D) 650 P.S.I.

Final Flow Period _____ Minutes 30 (E) 105 P.S.I. to (F) 111 P.S.I.

Final Closed In Period _____ Minutes 30 (G) 636 P.S.I.

Final Hydrostatic Pressure _____ (H) 1944 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 3/31/80 Recorder No. 3474 Capacity 3000 Test Ticket No. 4795
 Clock No. - Elevation 1895 Kelly Bushing 3596 Location 3596 Ft.
 Well Temperature 108 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1976	P.S.I.	3:01P	M
B First Initial Flow Pressure	56	P.S.I.	30	Mins.
C First Final Flow Pressure	74	P.S.I.	30	Mins.
D Initial Closed-in Pressure	650	P.S.I.	30	Mins.
E Second Initial Flow Pressure	105	P.S.I.	30	Mins.
F Second Final Flow Pressure	111	P.S.I.	30	Mins.
G Final Closed-in Pressure	636	P.S.I.		
H Final Hydrostatic Mud	1944	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>6</u> Inc.		Breakdown: <u>10</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>56</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>105</u>	<u>0</u>	<u>111</u>
P 2 <u>5</u>	<u>56</u>	<u>3</u>	<u>109</u>	<u>5</u>	<u>104</u>	<u>3</u>	<u>162</u>
P 3 <u>10</u>	<u>57</u>	<u>6</u>	<u>153</u>	<u>10</u>	<u>102</u>	<u>6</u>	<u>236</u>
P 4 <u>15</u>	<u>61</u>	<u>9</u>	<u>214</u>	<u>15</u>	<u>103</u>	<u>9</u>	<u>320</u>
P 5 <u>20</u>	<u>66</u>	<u>12</u>	<u>280</u>	<u>20</u>	<u>106</u>	<u>12</u>	<u>405</u>
P 6 <u>25</u>	<u>70</u>	<u>15</u>	<u>370</u>	<u>25</u>	<u>108</u>	<u>15</u>	<u>472</u>
P 7 <u>30</u>	<u>74</u>	<u>18</u>	<u>459</u>	<u>30</u>	<u>111</u>	<u>18</u>	<u>526</u>
P 8		<u>21</u>	<u>530</u>			<u>21</u>	<u>568</u>
P 9		<u>24</u>	<u>582</u>			<u>24</u>	<u>597</u>
P10		<u>27</u>	<u>621</u>			<u>27</u>	<u>624</u>
P11		<u>30</u>	<u>650</u>			<u>30</u>	<u>636</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N^o 4796

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

Elevation _____ Formation Simpson Eff. Pay — Ft.

District Great Bend Date 4-1-80

Customer Order No. —

COMPANY NAME Lee Phillips Oil Co. 67202

ADDRESS 125 No. Market Suite 1532 Wichita, Ks.

LEASE AND WELL NO. Fargo #1 COUNTY Stafford STATE Ks Sec. 15 Twp. 22S Rge. 13W

Mail Invoice To Same As Above

No. Copies Requested 5

Co. Name Fargo #1

Address _____

Mail Charts To Fargo #1

Address _____

No. Copies Requested 5

Formation Test No. #3 Interval Tested from 3728 ft. to 3775 ft. Total Depth 3775 ft.

Packer Depth 3723 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3728 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3733 ft.

Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 3736 ft.

Recorder Number 3659 Cap. 4000

Below Straddle Recorder Depth _____ ft.

Recorder Number _____ Cap. _____

Drilling Contractor Woodman + Tennitti

Drill Collar Length _____ I. D. _____ in.

Mud Type Starch Viscosity 53

Weight Pipe Length 744 I. D. 2.8 in.

Weight 9.9 Water Loss 7.6 cc.

Drill Pipe Length 2963 I. D. 3.8 in.

Chlorides 79,000 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? _____ 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: Weak blow, died in ten minutes on first flow period —
Flushed tool on 2nd opening got some bubbles, died in 10 min. —

Recovered 20 ft. of Mud with few Spts of Oil

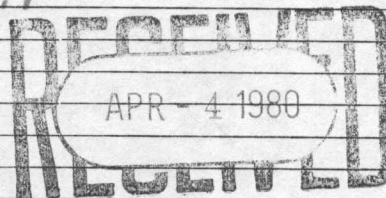
Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____



Time Set Packer(s) <u>5:38</u>	A.M.	Time Started Off Bottom <u>7:00</u>	P.M.	Maximum Temperature <u>110</u>
Initial Hydrostatic Pressure		(A) <u>2004</u>	P.S.I.	
Initial Flow Period	Minutes <u>20</u>	(B) <u>15</u>	P.S.I. to (C) <u>23</u>	P.S.I.
Initial Closed In Period	Minutes <u>20</u>	(D) <u>330</u>	P.S.I.	
Final Flow Period	Minutes <u>20</u>	(E) <u>30</u>	P.S.I. to (F) <u>30</u>	P.S.I.
Final Closed In Period	Minutes <u>20</u>	(G) <u>69</u>	P.S.I.	
Final Hydrostatic Pressure		(H) <u>1996</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 [Signature]
Signature of Customer or his authorized representative

Western Representative Donis Wondra Thank You

Gene Burkhardt

FIELD INVOICE

Open Hole Test	\$ <u>500.00</u> ✓
Misrun	\$ _____
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ _____
Mileage	\$ _____
Fluid Sampler	\$ _____
Extra Charts	\$ _____

TOTAL \$ 500.00

WESTERN TESTING CO., INC.

Pressure Data

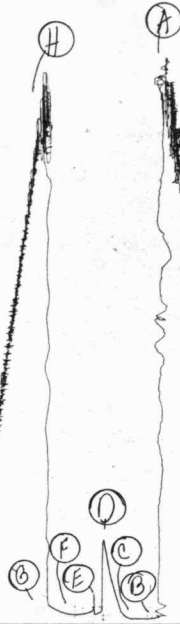
Date 4-1-80 Recorder No. 3474 Capacity 3000 Test Ticket No. 4796 Location 3733 Ft.
 Clock No. _____ Elevation _____ Well Temperature 110 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2006</u>	P.S.I.	<u>5'38</u>	M
B First Initial Flow Pressure	<u>24</u>	P.S.I.	<u>20</u>	Mins. <u>20</u> Mins.
C First Final Flow Pressure	<u>23</u>	P.S.I.	<u>20</u>	Mins. <u>18</u> Mins.
D Initial Closed-in Pressure	<u>330</u>	P.S.I.	<u>20</u>	Mins. <u>20</u> Mins.
E Second Initial Flow Pressure	<u>48</u>	P.S.I.	<u>20</u>	Mins. <u>20</u> Mins.
F Second Final Flow Pressure	<u>36</u>	P.S.I.	<u>20</u>	Mins. <u>20</u> Mins.
G Final Closed-in Pressure	<u>76</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1980</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>4</u> Inc.		Breakdown: <u>6</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>02</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>24</u>	<u>0</u>	<u>23</u>	<u>0</u>	<u>48</u>	<u>0</u>	<u>36</u>
P 2 <u>5</u>	<u>23</u>	<u>3</u>	<u>29</u>	<u>5</u>	<u>45</u>	<u>3</u>	<u>39</u>
P 3 <u>10</u>	<u>23</u>	<u>6</u>	<u>44</u>	<u>10</u>	<u>44</u>	<u>6</u>	<u>42</u>
P 4 <u>15</u>	<u>23</u>	<u>9</u>	<u>91</u>	<u>15</u>	<u>40</u>	<u>9</u>	<u>47</u>
P 5 <u>20</u>	<u>23</u>	<u>12</u>	<u>146</u>	<u>20</u>	<u>36</u>	<u>12</u>	<u>55</u>
P 6 <u>25</u>		<u>15</u>	<u>206</u>	<u>25</u>		<u>15</u>	<u>62</u>
P 7 <u>30</u>		<u>18</u>	<u>330</u>	<u>30</u>		<u>18</u>	<u>71</u>
P 8 <u>35</u>		<u>21</u>		<u>35</u>		<u>20</u>	<u>76</u>
P 9 <u>40</u>		<u>24</u>		<u>40</u>		<u>24</u>	
P 10 <u>45</u>		<u>27</u>		<u>45</u>		<u>27</u>	
P 11 <u>50</u>		<u>30</u>		<u>50</u>		<u>30</u>	
P 12 <u>55</u>		<u>33</u>		<u>55</u>		<u>33</u>	
P 13 <u>60</u>		<u>36</u>		<u>60</u>		<u>36</u>	
P 14		<u>39</u>		<u>65</u>		<u>39</u>	
P 15		<u>42</u>		<u>70</u>		<u>42</u>	
P 16		<u>45</u>		<u>75</u>		<u>45</u>	
P 17		<u>48</u>		<u>80</u>		<u>48</u>	
P 18		<u>51</u>		<u>85</u>		<u>51</u>	
P 19		<u>54</u>		<u>90</u>		<u>54</u>	
P 20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

TH # 4796
I



Company Lee Phillips Oil Company Lease & Well No. Farago #1
Elevation ---- Formation Simpson Effective Pay ----- Ft. Ticket No. 4796
Date 4/1/80 Sec. 15 Twp. 22S Range 13W County Stafford State Kansas
Test Approved by ----- Western Representative Denis Wondra-Gene Eberhart

Formation Test No. 3 Interval Tested from 3728 ft. to 3474 ft. Total Depth 3000 ft.
Packer Depth 3723 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3728 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3733 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 3736 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Woodman - Iannitti Drill Collar Length - I. D. - in.
Mud Type starch Viscosity 53 Weight Pipe Length 744 I. D. 2.8 in.
Weight 9.9 Water Loss 7.6 cc. Drill Pipe Length 2963 I. D. 3.8 in.
Chlorides 70,000 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? - 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: Weak blow, died in ten minutes on first flow period. Flushed tool on
second opening got some bubbles, died in ten minutes.

Recovered 20 ft. of mud with few spots of oil
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 5:38 A.M. Time Started Off Bottom 7:00 A.M. Maximum Temperature 110°
Initial Hydrostatic Pressure (A) 2006 P.S.I.
Initial Flow Period Minutes 20 (B) 24 P.S.I. to (C) 23 P.S.I.
Initial Closed In Period Minutes 18 (D) 330 P.S.I.
Final Flow Period Minutes 20 (E) 48 P.S.I. to (F) 36 P.S.I.
Final Closed In Period Minutes 20 (G) 76 P.S.I.
Final Hydrostatic Pressure (H) 1980 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 4/1/80 Test Ticket No. 4796
 Recorder No. 3474 Capacity 3000 Location 3733 Ft.
 Clock No. ----- Elevation ----- Well Temperature 110 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2006</u> P.S.I.	<u>5:38</u> M	
B First Initial Flow Pressure	<u>24</u> P.S.I.	<u>20</u> Mins.	<u>20</u> Mins.
C First Final Flow Pressure	<u>23</u> P.S.I.	<u>20</u> Mins.	<u>18</u> Mins.
D Initial Closed-in Pressure	<u>330</u> P.S.I.	<u>20</u> Mins.	<u>20</u> Mins.
E Second Initial Flow Pressure	<u>48</u> P.S.I.	<u>20</u> Mins.	<u>20</u> Mins.
F Second Final Flow Pressure	<u>36</u> P.S.I.		
G Final Closed-in Pressure	<u>76</u> P.S.I.		
H Final Hydrostatic Mud	<u>1980</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>4</u> Inc.		Breakdown: <u>6</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>2</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>24</u>	<u>0</u>	<u>23</u>	<u>0</u>	<u>48</u>	<u>0</u>	<u>36</u>
P 2 <u>5</u>	<u>23</u>	<u>3</u>	<u>29</u>	<u>5</u>	<u>45</u>	<u>3</u>	<u>39</u>
P 3 <u>10</u>	<u>23</u>	<u>6</u>	<u>44</u>	<u>10</u>	<u>44</u>	<u>6</u>	<u>42</u>
P 4 <u>15</u>	<u>23</u>	<u>9</u>	<u>91</u>	<u>15</u>	<u>40</u>	<u>9</u>	<u>47</u>
P 5 <u>20</u>	<u>23</u>	<u>12</u>	<u>146</u>	<u>20</u>	<u>36</u>	<u>12</u>	<u>55</u>
P 6		<u>15</u>	<u>206</u>			<u>15</u>	<u>62</u>
P 7		<u>18</u>	<u>330</u>			<u>18</u>	<u>71</u>
P 8						<u>20</u>	<u>76</u>
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 4797

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

Elevation 1895 KB Formation Arb Eff. Pay Ft.

District Great Bend Date 4-2-80 Customer Order No.
COMPANY NAME Lee Phillips Oil Co.
ADDRESS 125 No. Market Suite 1532, Wichita, Ks 67202
LEASE AND WELL NO. Farago #1 COUNTY STAFFORD STATE Ks Sec. 15 Twp. 22S Rge. 13W
Mail Invoice To Same As Above No. Copies Requested 5
Co. Name " " " Address
Mail Charts To " " " No. Copies Requested 5

Formation Test No. #4 Interval Tested from 3787 ft. to 3791 ft. Total Depth 3791 ft.
Packer Depth 3782 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3787 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set

Top Recorder Depth (Inside) 3768 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 3771 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Woodmen-Agnitti Rq1 Drill Collar Length I. D. in.
Mud Type STARCH Viscosity 53 Weight Pipe Length 744 I. D. 2.8 in.
Weight 9.9 Water Loss 7.6 cc. Drill Pipe Length 3016 I. D. 3.8 in.
Chlorides 70,000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 OD in.
Jars: Make Serial Number Anchor Length 4 ft. Size 5 1/2 OD 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 4 1/2 XH in.

Blow: Very weak - flushed Tool still Very weak, Throught out
first F.P., Very weak Blow Throught out 2nd F.P.

Recovered 60 ft. of Gas In Pipe
Recovered 55 ft. of Heavily Oil Cut Mud (38% O.I. 60% Mud 2% water)
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 7:40 A.M. Time Started Off Bottom 9:45 A.M. Maximum Temperature 106
Initial Hydrostatic Pressure (A) 2019 P.S.I.
Initial Flow Period 30 Minutes (B) 23 P.S.I. to (C) 30 P.S.I.
Initial Closed In Period 30 Minutes (D) 1000 P.S.I.
Final Flow Period 30 Minutes (E) 30 P.S.I. to (F) 30 P.S.I.
Final Closed In Period 30 Minutes (G) 787 P.S.I.
Final Hydrostatic Pressure (H) 2012 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 Specy Signature of Customer or his authorized representative

Western Representative Devin Wondra Thank

Gene Elubank

FIELD INVOICE

Open Hole Test \$ 500.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
TOTAL \$ 500.00

RECEIVED
APR - 4 1980

WESTERN TESTING CO., INC.

Pressure Data

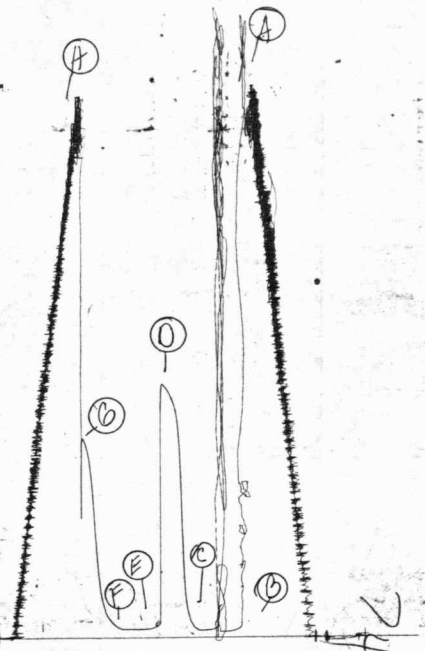
Date 4-2-80 Test Ticket No. 4797
 Recorder No. 3474 Capacity 3000 Location 3768 Ft.
 Clock No. _____ Elevation 1895 KB Well Temperature 106 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2034</u> P.S.I.	<u>7:40</u> A.M.	
B First Initial Flow Pressure	<u>38</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>28</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>992</u> P.S.I.	<u>30</u> Mins.	<u>25</u> Mins.
E Second Initial Flow Pressure	<u>39</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>33</u> P.S.I.		
G Final Closed-in Pressure	<u>782</u> P.S.I.		
H Final Hydrostatic Mud	<u>2015</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>5</u> Inc.		Breakdown: <u>10</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>0</u>	<u>28</u>	<u>0</u>	<u>39</u>	<u>0</u>	<u>33</u>
P 2	<u>5</u>	<u>3</u>	<u>39</u>	<u>5</u>	<u>38</u>	<u>3</u>	<u>41</u>
P 3	<u>10</u>	<u>6</u>	<u>65</u>	<u>10</u>	<u>33</u>	<u>6</u>	<u>55</u>
P 4	<u>15</u>	<u>9</u>	<u>129</u>	<u>15</u>	<u>33</u>	<u>9</u>	<u>73</u>
P 5	<u>20</u>	<u>12</u>	<u>370</u>	<u>20</u>	<u>33</u>	<u>12</u>	<u>100</u>
P 6	<u>25</u>	<u>15</u>	<u>683</u>	<u>25</u>	<u>33</u>	<u>15</u>	<u>164</u>
P 7	<u>30</u>	<u>18</u>	<u>876</u>	<u>30</u>		<u>18</u>	<u>274</u>
P 8	<u>35</u>	<u>21</u>	<u>932</u>	<u>35</u>		<u>21</u>	<u>438</u>
P 9	<u>40</u>	<u>24</u>	<u>953</u>	<u>40</u>		<u>24</u>	<u>636</u>
P10	<u>45</u>	<u>27</u>	<u>973</u>	<u>45</u>		<u>27</u>	<u>735</u>
P11	<u>50</u>	<u>30</u>	<u>992</u>	<u>50</u>		<u>30</u>	<u>782</u>
P12	<u>55</u>	<u>33</u>		<u>55</u>		<u>33</u>	
P13	<u>60</u>	<u>36</u>		<u>60</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>	

TKL # 4797
I



Company Lee Phillips Oil Company Lease & Well No. Farago #1
Elevation 1895 Kelly Bushing Arbuckle Formation Effective Pay ---- Ft. Ticket No. 4797
Date 4/2/80 Sec. 15 Twp. 22S Range 13W County Stafford State Kansas
Test Approved by ----- Western Representative Denis Wondra-Gene Eberhart

Formation Test No. 4 Interval Tested from 3787 ft. to 3791 ft. Total Depth 3791 ft.
Packer Depth 3782 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3787 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3768 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 3771 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Woodman-Iannitti Rig #1 Drill Collar Length - I. D. - in.
Mud Type starch Viscosity 5.3 Weight Pipe Length 744 I. D. 2.8 in.
Weight 9.9 Water Loss 7.6 cc. Drill Pipe Length 3016 I. D. 3.8 in.
Chlorides 70,000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 4 ft. Size 5 1/2 OD 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 4 1/2 XH in.

Blow: Very weak-flushed tool still very weak throughout first flow period.
Very weak blow throughout second flow period.

Recovered 60 ft. of gas in pipe
Recovered 55 ft. of heavily oil cut mud (38% oil; 60% mud; 2% water)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time Set Packer(s) 7:40 A.M. P.M. Time Started Off Bottom 9:45 A.M. P.M. Maximum Temperature 106°
Initial Hydrostatic Pressure 2034 P.S.I. (A)
Initial Flow Period 30 Minutes (B) 38 P.S.I. to (C) 28 P.S.I.
Initial Closed In Period 30 Minutes (D) 992 P.S.I.
Final Flow Period 25 Minutes (E) 39 P.S.I. to (F) 33 P.S.I.
Final Closed In Period 30 Minutes (G) 782 P.S.I.
Final Hydrostatic Pressure 2015 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 4/2/80

Recorder No. 3474

Capacity 3000

Test Ticket No. 4797

Clock No. ----- Elevation 1895 Kelly Bushing

Location 3768 Ft.

Well Temperature 106 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2034	P.S.I.	7:40A	M
B First Initial Flow Pressure	38	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	28	P.S.I.	30	Mins. 30 Mins.
D Initial Closed-in Pressure	992	P.S.I.	30	Mins. 25 Mins.
E Second Initial Flow Pressure	39	P.S.I.	30	Mins. 30 Mins.
F Second Final Flow Pressure	33	P.S.I.		
G Final Closed-in Pressure	782	P.S.I.		
H Final Hydrostatic Mud	2015	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: 5 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>38</u>	<u>0</u>	<u>28</u>	<u>0</u>	<u>39</u>	<u>0</u>	<u>33</u>
P 2 <u>5</u>	<u>27</u>	<u>3</u>	<u>39</u>	<u>5</u>	<u>38</u>	<u>3</u>	<u>41</u>
P 3 <u>10</u>	<u>23</u>	<u>6</u>	<u>65</u>	<u>10</u>	<u>33</u>	<u>6</u>	<u>55</u>
P 4 <u>15</u> FLUSHED TOOL		<u>9</u>	<u>129</u>	<u>15</u>	<u>33</u>	<u>9</u>	<u>73</u>
P 5 <u>20</u>	<u>28</u>	<u>12</u>	<u>370</u>	<u>20</u>	<u>33</u>	<u>12</u>	<u>100</u>
P 6 <u>25</u>	<u>28</u>	<u>15</u>	<u>683</u>	<u>25</u>	<u>33</u>	<u>15</u>	<u>164</u>
P 7 <u>30</u>	<u>28</u>	<u>18</u>	<u>876</u>			<u>18</u>	<u>274</u>
P 8		<u>21</u>	<u>932</u>			<u>21</u>	<u>438</u>
P 9		<u>24</u>	<u>953</u>			<u>24</u>	<u>636</u>
P10		<u>27</u>	<u>973</u>			<u>27</u>	<u>735</u>
P11		<u>30</u>	<u>992</u>			<u>30</u>	<u>782</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET NO 4798

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

Elevation 1895 KB Formation ARB Eff. Pay — Ft.

District Great Bend Date 4-2-80 Customer Order No. —

COMPANY NAME Lee Phillips Oil Co.

ADDRESS 125 North Market Suite 1532 Wichita, KS

LEASE AND WELL NO. Farago #1 COUNTY Stafford STATE KS Sec. 15 Twp. 22S Rge. 13W

Mail Invoice To Same As Above No. Copies Requested 5

Co. Name " " Address " "

Mail Charts To " " No. Copies Requested 5

Address " "

Formation Test No. #5 Interval Tested from 3791 ft. to 3797 ft. Total Depth 3797 ft.

Packer Depth 3786 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 3791 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 3777 ft. Recorder Number 3974 Cap. 3000

Bottom Recorder Depth (Outside) 3792 ft. Recorder Number 3659 Cap. 4000

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

Drilling Contractor Woodman + Jannitt R.I. Drill Collar Length — I. D. — in.

Mud Type Starch Viscosity 44 Weight Pipe Length 744 I. D. 2.8 in.

Weight 10 Water Loss 12.8 cc. Drill Pipe Length 3021 I. D. 3.8 in.

Chlorides 70,000 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 00 in.

Jars: Make — Serial Number — Anchor Length 6 ft. Size 5 1/2 00 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: Very Weak Blow Through 1st F.P.

Very Weak Blow, died in 15 min of 2nd F.P.

Recovered 65 ft. of O.I. Cut Mud

Recovered — ft. of Some Free Oil on Top of Tool

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Remarks: —

Time Set Packer(s) 6:28 A.M. Time Started Off Bottom 8:30 A.M. Maximum Temperature 112

Initial Hydrostatic Pressure — (A) 2042 P.S.I.

Initial Flow Period 30 Minutes (B) 23 P.S.I. to (C) 30 P.S.I.

Initial Closed In Period 30 Minutes (D) 927 P.S.I.

Final Flow Period 30 Minutes (E) 38 P.S.I. to (F) 38 P.S.I.

Final Closed In Period 30 Minutes (G) 810 P.S.I.

Final Hydrostatic Pressure — (H) 2035 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 [Signature]

[Signature]

FIELD INVOICE

Open Hole Test \$ 500.00
Misrun \$ —
Straddle Test \$ —
Jars \$ —
Selective Zone \$ —
Safety Joint \$ —
Standby \$ —
Evaluation \$ —
Extra Packer \$ —
Circ. Sub. \$ —
Mileage \$ —
Fluid Sampler \$ —
Extra Charts \$ —

TOTAL \$ 500.00

WESTERN TESTING CO., INC.

Pressure Data

Date 4-2-80 Test Ticket No. 4798
 Recorder No. 3474 Capacity 3000 Location 3777 Ft.
 Clock No. _____ Elevation 1895 KIB Well Temperature 112 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2043</u>	P.S.I.	<u>6:58</u>	M _____
B First Initial Flow Pressure	<u>38</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>35</u>	P.S.I.	<u>30</u>	Mins. <u>27</u> Mins.
D Initial Closed-in Pressure	<u>973</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
E Second Initial Flow Pressure	<u>50</u>	P.S.I.	<u>30</u>	Mins. <u>27</u> Mins.
F Second Final Flow Pressure	<u>45</u>	P.S.I.		
G Final Closed-in Pressure	<u>803</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2032</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.

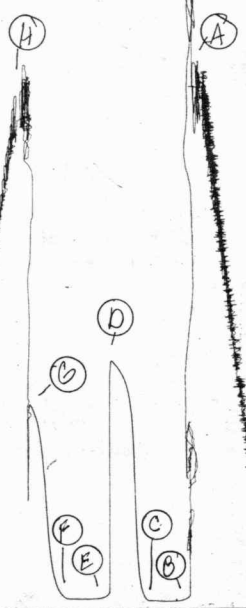
Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 9 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>38</u>	0	<u>35</u>	0	<u>50</u>	0	<u>45</u>
P 2 5	<u>38</u>	3	<u>55</u>	5	<u>47</u>	3	<u>53</u>
P 3 10	<u>32</u>	6	<u>120</u>	10	<u>42</u>	6	<u>73</u>
P 4 15	<u>32</u>	9	<u>298</u>	15	<u>42</u>	9	<u>114</u>
P 5 20	<u>33</u>	12	<u>629</u>	20	<u>43</u>	12	<u>187</u>
P 6 25	<u>34</u>	15	<u>836</u>	25	<u>44</u>	15	<u>339</u>
P 7 30	<u>35</u>	18	<u>900</u>	30	<u>45</u>	18	<u>505</u>
P 8 35		21	<u>933</u>	35		21	<u>625</u>
P 9 40		24	<u>954</u>	40		24	<u>762</u>
P 10 45		27	<u>973</u>	45		27	<u>803</u>
P 11 50		30		50		30	
P 12 55		33		55		33	
P 13 60		36		60		36	
P 14		39		65		39	
P 15		42		70		42	
P 16		45		75		45	
P 17		48		80		48	
P 18		51		85		51	
P 19		54		90		54	
P 20		57				57	
		60				60	

4

TKL # 4798
I



Company Lee Phillips Oil Company Lease & Well No. Farago #1
Elevation 1895 Kelly Bushing Formation Arbuckle Effective Pay ----- Ft. Ticket No 4798
Date 4/2/80 Sec. 15 Twp. 22S Range 13W County Stafford State Kansas
Test Approved by ----- Western Representative Denis Wondra-Gene Eberhart

Formation Test No. 5 Interval Tested from 3791 ft. to 3797 ft. Total Depth 3797 ft.
Packer Depth 3786 ft. Size 6 3/4 in.
Packer Depth 3791 ft. Size 6 3/4 in.
Packer Depth ----- ft. Size ----- in.
Packer Depth ----- ft. Size ----- in.
Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 3777 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 3792 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth ----- ft. Recorder Number ----- Cap. -----
Drilling Contractor Woodman & Iannitti Rig #1 Drill Collar Length ----- I. D. ----- in.
Mud Type starch Viscosity 44 Weight Pipe Length 744 I. D. 2.8 in.
Weight 10 Water Loss 12.8 cc. Drill Pipe Length 3021 I. D. 3.8 in.
Chlorides 10,000 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 in.
Jars: Make ----- Serial Number ----- Anchor Length 6 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 in.

Blow: Very weak blow throughout first flow period. Very weak blow, died in fifteen minutes of second flow period.

Recovered 65 ft. of oil cut mud
Recovered ----- ft. of some free oil on top of tool
Recovered ----- ft. of -----
Recovered ----- ft. of -----
Recovered ----- ft. of -----

Remarks: -----

Time Set Packer(s) 6:28 A.M. P.M. Time Started Off Bottom 8:30 A.M. P.M. Maximum Temperature 112°
Initial Hydrostatic Pressure ----- (A) 2043 P.S.I.
Initial Flow Period ----- Minutes 30 (B) 38 P.S.I. to (C) 35 P.S.I.
Initial Closed In Period ----- Minutes 27 (D) 973 P.S.I.
Final Flow Period ----- Minutes 30 (E) 50 P.S.I. to (F) 45 P.S.I.
Final Closed In Period ----- Minutes 27 (G) 803 P.S.I.
Final Hydrostatic Pressure ----- (H) 2032 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 4/2/80 Recorder No. 3474 Capacity 3000 Test Ticket No. 4498
 Clock No. ----- Elevation 1895 Kelly Bushing Location 3777 Ft. 112 °F
 Well Temperature

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2043 P.S.I.	6:28 M	
B First Initial Flow Pressure	38 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	35 P.S.I.	30 Mins.	27 Mins.
D Initial Closed-in Pressure	973 P.S.I.	30 Mins.	30 Mins.
E Second Initial Flow Pressure	50 P.S.I.	30 Mins.	27 Mins.
F Second Final Flow Pressure	45 P.S.I.		
G Final Closed-in Pressure	803 P.S.I.		
H Final Hydrostatic Mud	2032 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>9</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>38</u>	<u>0</u>	<u>35</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>45</u>
P 2 <u>5</u>	<u>38</u>	<u>3</u>	<u>55</u>	<u>5</u>	<u>47</u>	<u>3</u>	<u>53</u>
P 3 <u>10</u>	<u>32</u>	<u>6</u>	<u>120</u>	<u>10</u>	<u>42</u>	<u>6</u>	<u>73</u>
P 4 <u>15</u>	<u>32</u>	<u>9</u>	<u>298</u>	<u>15</u>	<u>42</u>	<u>9</u>	<u>114</u>
P 5 <u>20</u>	<u>33</u>	<u>12</u>	<u>629</u>	<u>20</u>	<u>43</u>	<u>12</u>	<u>189</u>
P 6 <u>25</u>	<u>34</u>	<u>15</u>	<u>836</u>	<u>25</u>	<u>44</u>	<u>15</u>	<u>339</u>
P 7 <u>30</u>	<u>35</u>	<u>18</u>	<u>900</u>	<u>30</u>	<u>45</u>	<u>18</u>	<u>505</u>
P 8		<u>21</u>	<u>933</u>			<u>21</u>	<u>695</u>
P 9		<u>24</u>	<u>954</u>			<u>24</u>	<u>762</u>
P10		<u>27</u>	<u>973</u>			<u>27</u>	<u>803</u>
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N° 4799

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

Elevation 1895 KB Formation Arb. Eff. Pay — Ft.

District GREAT Bend Date 4-3-80 Customer Order No. —

COMPANY NAME Lee Phillips Oil Co.

ADDRESS 125 North Market Suite 1532 Wichita, KS

LEASE AND WELL NO. Farago #1 COUNTY Stafford STATE KS Sec. 15 Twp. 22S Rge. 13W

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

Mail Charts To " Address " No. Copies Requested 5

Formation Test No. #6 Interval Tested from 3797 ft. to 3803 ft. Total Depth 3803 ft.

Packer Depth 3792 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 3797 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 3783 ft. Recorder Number 3474 Cap. 3,000

Bottom Recorder Depth (Outside) 3798 ft. Recorder Number 3659 Cap. 9,000

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

Drilling Contractor Woodman + Iannitti Rig 1

Mud Type Starch Viscosity 44 Drill Collar Length — I. D. — in.

Weight 10 Water Loss 12.8 cc. Weight Pipe Length 744 I. D. 2.8 in.

Chlorides 70,000 P.P.M. Drill Pipe Length 3027 I. D. 3.8 in.

Jars: Make — Serial Number — Test Tool Length 26 ft. Tool Size 5 1/2 OD in.

Did Well Flow? yes Reversed Out NO Anchor Length 6 ft. Size 5 1/2 OD 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 XH in.

Blow: 1" increased to 3" by end of 1st F.P. - steady 4" Blow

Through 2nd. F.P.

Recovered 240 ft. of Gas In Pipe

Recovered 120 ft. of Muddy Gassy Oil

Recovered 60 ft. of Very Heavy Oil & Gas Cut Mud

Recovered — ft. of —

Recovered — ft. of —

Remarks: —

Time Set Packer(s) 5:53 A.M. Time Started Off Bottom 8:55 A.M. Maximum Temperature 117

Initial Hydrostatic Pressure — (A) 2027 P.S.I.

Initial Flow Period 45 Minutes (B) 23 P.S.I. to (C) 53 P.S.I.

Initial Closed In Period 45 Minutes (D) 1197 P.S.I.

Final Flow Period 45 Minutes (E) 69 P.S.I. to (F) 84 P.S.I.

Final Closed In Period 45 Minutes (G) 1202 P.S.I.

Final Hydrostatic Pressure — (H) 2019 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 [Signature] Thank you
[Signature]

FIELD INVOICE

Open Hole Test \$ 500.00
Misrun \$ —
Straddle Test \$ —
Jars \$ —
Selective Zone \$ —
Safety Joint \$ —
Standby \$ —
Evaluation \$ —
Extra Packer \$ —
Circ. Sub. \$ —
Mileage \$ —
Fluid Sampler \$ —
Extra Charts \$ —

TOTAL \$ 500.00

WESTERN TESTING CO., INC.

Pressure Data

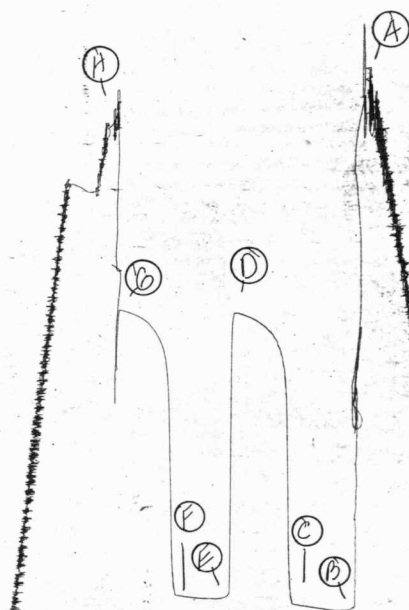
Date 4-3-80 Test Ticket No. 4799
 Recorder No. 3474 Capacity 3000 Location 3783
 Lock No. _____ Elevation 1895 KB Well Temperature 119
 Point _____ Pressure _____ Time Given _____ Time Computed _____
 Initial Hydrostatic Mud 2025 P.S.I. Open Tool 5:53 AM
 First Initial Flow Pressure 48 34 P.S.I. First Flow Pressure 45 Mins. 45 Min.
 First Final Flow Pressure 53 P.S.I. Initial Closed-in Pressure 45 Mins. 42 Min.
 Initial Closed-in Pressure 1190 P.S.I. Second Flow Pressure 45 Mins. 40 Min.
 Second Initial Flow Pressure 78 P.S.I. Final Closed-in Pressure 45 Mins. 42 Min.
 Second Final Flow Pressure 87 P.S.I.
 Final Closed-in Pressure 1200 P.S.I.
 Final Hydrostatic Mud 1981 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>8</u> Inc.		Breakdown: <u>14</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 ins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
1 0	<u>48 34</u>	0	<u>78 53</u>	0	<u>78</u>	0	<u>87</u>
2 5	<u>48 31</u>	3	<u>217 154</u>	5	<u>75</u>	3	<u>192</u>
3 10	<u>42 30</u>	6	<u>719 513</u>	10	<u>72</u>	6	<u>468</u>
4 15	<u>44 31</u>	9	<u>1395 1003</u>	15	<u>66</u>	9	<u>1007</u>
5 20	<u>47 33</u>	12	<u>1483 1066</u>	20	<u>75</u>	12	<u>1069</u>
6 25	<u>55 39</u>	15	<u>1533 1102</u>	25	<u>78</u>	15	<u>1101</u>
7 30	<u>61 43</u>	18	<u>1558 1121</u>	30	<u>80</u>	18	<u>1127</u>
8 35	<u>66 46</u>	21	<u>1581 1137</u>	35	<u>84</u>	21	<u>1145</u>
9 40	<u>70 50</u>	24	<u>1596 1148</u>	40	<u>87</u>	24	<u>1159</u>
10 45	<u>74 53</u>	27	<u>1613 1160</u>	45		27	<u>1170</u>
11 50		30	<u>1623 1168</u>	50		30	<u>1178</u>
12 55		33	<u>1634 1175</u>	55		33	<u>1184</u>
13 60		36	<u>1642 1181</u>	60		36	<u>1190</u>
14		39	<u>1649 1186</u>	65		39	<u>1195</u>
15		42	<u>1655 1190</u>	70		42	<u>1200</u>
16		45		75		45	
17		48		80		48	
18		51		85		51	
19		54		90		54	
20		57				57	
		60				60	

KT# 4799

24



Company Lee Phillips Oil Company
Lease & Well No. Farago #1
Elevation 1895 Kelly Bushing Arbuckle
Effective Pay ---- Ft. Ticket No. 4799
Date 4/3/80 Sec. 15 Twp. 22S Range 13W County Stafford State Kansas
Test Approved by ? Western Representative Denis Wondra
Gene Eberhart

Formation Test No. 6 Interval Tested from 3797 ft. to 3803 ft. Total Depth 3803 ft.
Packer Depth 3792 ft. Size 6 3/4 in.
Packer Depth 3797 ft. Size 6 3/4 in.
Packer Depth - ft. Size - in.
Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3783 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 3798 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Woodman * Iannitti Drilling Rig Chlor Length - I. D. - in.
Mud Type starch Viscosity 44 Weight Pipe Length 744 I. D. 2.8 in.
Weight 10 Water Loss 12.8 cc. Drill Pipe Length 3027 I. D. 3.8 in.
Chlorides 70,000 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 OD in.
Jars: Make -- Serial Number - Anchor Length 6 ft. Size 5 1/2 OD in.
Did Well Flow? Yes 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: One inch increased to three inches by end of first flow period. Steady
four inch blow throughout second flow period.

Recovered 240 ft. of gas in pipe
Recovered 120 ft. of muddy gassy oil
Recovered 60 ft. of very heavy oil and gas cut mud

Recovered - ft. of -
Recovered - ft. of -

Remarks:

Time Set Packer(s) 5:53 A.M. Time Started Off Bottom 8:55 A.M. Maximum Temperature 117°
Initial Hydrostatic Pressure 2025 P.S.I.
Initial Flow Period 45 Minutes (A) 34 P.S.I. to (C) 53 P.S.I.
Initial Closed In Period 42 Minutes (B) 1190 P.S.I.
Final Flow Period 40 Minutes (D) 78 P.S.I. to (F) 87 P.S.I.
Final Closed In Period 42 Minutes (E) 1200 P.S.I.
Final Hydrostatic Pressure 1981 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 4-3-80

Recorder No. 3474

Capacity 3000

Test Ticket No. 4799

Clock No. - Elevation 1895 Kelly Bushing

Location 3783 Ft.

Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2025	P.S.I.	5:53A.	M
B First Initial Flow Pressure	34	P.S.I.	45	Mins.
C First Final Flow Pressure	53	P.S.I.	45	Mins.
D Initial Closed-in Pressure	1190	P.S.I.	45	Mins.
E Second Initial Flow Pressure	78	P.S.I.	45	Mins.
F Second Final Flow Pressure	87	P.S.I.	45	Mins.
G Final Closed-in Pressure	1200	P.S.I.		
H Final Hydrostatic Mud	1981	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: 14 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 8 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 14 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	34	0	53	0	78	0	87
P 2 5	31	3	154	5	75	3	192
P 3 10	30	6	513	10	72	6	468
P 4 15	31	9	1003	15	66	9	1007
P 5 20	33	12	1066	20	75	12	1069
P 6 25	39	15	1102	25	78	15	1101
P 7 30	43	18	1121	30	80	18	1127
P 8 35	46	21	1137	35	84	21	1145
P 9 40	50	24	1148	40	87	24	1159
P10 45	53	27	1160			27	1170
P11		30	1168			30	1178
P12		33	1175			33	1184
P13		36	1181			36	1190
P14		39	1186			39	1195
P15		42	1190			42	1200
P16		45					
P17							
P18							
P19							
P20							