



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Lee Phillips Oil Co. Lease & Well No. Short #1
Elevation 1379 Kelly Bush. Formation Simpson Effective Pay - Ft. Ticket No. 23332
Date 10-26-77 Sec. 9 Twp. 32S Range 6W County Harper State Kansas
Test Approved by Charles R. King Western Representative Joe N. Lusk
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 4697' to 4707' Total Depth 4707'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 4692 Ft. Size 6 3/4 Bottom Packer Depth 4697 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 12 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4703 Ft. Clock No. 10168 Depth 4706 Ft. Clock No. 6894
Top Make Kuster Cap. 4150 No. 969 ☒ Inside ☐ Outside Bottom Make Kuster Cap. 4400 No. 2603 ☐ Inside ☒ Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ ☐ Inside ☐ Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ ☐ Inside ☐ Outside
Time Set Packer 4:53A M
Tool Open I.F.P. From 4:55 M. to 5:25 M. - Hr. 30 Min. From (B) 443 P.S.I. To (C) 1442 P.S.I.
Tool Closed I.C.I.P. From 5:25 M. to 6:10 M. - Hr. 45 Min (D) 1760 P.S.I.
Tool Open F.F.P. From 6:10 M. to 7:10 M. - Hr. 60 Min. From (E) 1530 P.S.I. To (F) 1769 P.S.I.
Tool Closed F.C.I.P. From 7:10 M. to 7:55 M. - Hr. 45 Min. (G) 1774 P.S.I.
Initial Hydrostatic Pressure (A) 2395 P.S.I. Final Hydrostatic Pressure (H) 2245 P.S.I. Maximum Temp. -

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 5 minutes of final flow period.
See attached sheet for gas measurements.
Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 3780' total recovery, 120' slightly oil and heavily gas cut mud, 360' slightly oil and gas cut water, 3300' gassy water.

Reversed Out ☐ Yes ☒ No Mud Type Premix Viscosity 61 Weight 9.2 Water Loss 10.0 cc. Chlorides 10,000 p.p.m.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint ☐ Jars: Size ☐ In. Make ☐ Ser. No. ☐

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Sweetman Drilling Length Drill Pipe? 4394 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe ☐ Ft. I.D. Weight Pipe ☐ In. Tool Joint Size ☐ In. Length Drill Collars 282 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 33 Ft.

Remarks: Dropped bar and was not able to reverse out. Put kelly on and pressured up and could not pump into, pulled wet. Chlorides checked: Top 85,000 p.p.m. Middle 85,000 p.p.m. Bottom 85,000 p.p.m.



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GAS FLOW REPORT

Date 10-26-77 Ticket 23332 Company Lee Phillips Oil Co.
Well Name and No. Short #1 Dst No. 1 Interval Tested 4697' - 4709'
County Harper State Kansas Sec. 9 Twp. 32S Rg. 6W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						

SECOND FLOW						
6:25AM	15 min.	10" of water		1/4" orifice		5,320 C.F.P.D.
6:35AM	25 min.	11" of water		1/4" orifice		5,600 C.F.P.D.
6:45AM	35 min.	6" of water		1/4" orifice		4,120 C.F.P.D.
6:55AM	45 min.	2" of water		1/4" orifice		2,370 C.F.P.D.
7:05AM	55 min.	1" of water		1/4" orifice		1,680 C.F.P.D.
7:10AM	60 min.	1" of water		1/4" orifice		1,680 C.F.P.D.
Gas to surface in 5 minutes.						

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced -

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Lee Phillips Oil Co.

Authorized by Charles R. King

WESTERN TESTING CO., INC.

Pressure Data

Date 10-26-77 Test Ticket No. 23332
 Recorder No. 969 Capacity 4150 Location 4703 Ft.
 Clock No. 10168 Elevation 1379 Kelly Bushing Well Temperature - °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2395 P.S.I.	4:53P	M
B First Initial Flow Pressure	443 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	1442 P.S.I.	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1760 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	1530 P.S.I.	45 Mins.	45 Mins.
F Second Final Flow Pressure	1769 P.S.I.		
G Final Closed-in Pressure	1774 P.S.I.		
H Final Hydrostatic Mud	2245 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</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	443	0	1442	0	1530	0	1769
P 2 5	584	3	1732	5	1579	3	1770
P 3 10	772	6	1741	10	1655	6	1771
P 4 15	954	9	1747	15	1710	9	1772
P 5 20	1125	12	1753	20	1737	12	1772
P 6 25	1294	15	1757	25	1753	15	1773
P 7 30	1442	18	1758	30	1763	18	1773
P 8		21	1758	35	1766	21	1773
P 9		24	1759	40	1768	24	1774
P10		27	1759	45	1768	27	1774
P11		30	1759	50	1769	30	1774
P12		33	1759	55	1769	33	1774
P13		36	1760	60	1769	36	1774
P14		39	1760			39	1774
P15		42	1760			42	1774
P16		45	1760			45	1774
P17							
P18							
P19							
P20							

969

TK# 23332
I₁

(A)

(A)

(G)

(F)

(D)

(E)

(C)

(B)



P. O. BOX 793

PHONE 793-7903

GREAT BEND, KANSAS

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

23332

Formation

Simpson

Elevation

1379K5

Eff. Pay

2

Ft.

District

PRATT

Date

10-26-77

Customer Order No.

COMPANY NAME

Lee Phillips Oil Co.

ADDRESS

125 N. Market Suite 1532 Wichita Kansas 67202

LEASE AND WELL NO.

SHEPT #1

COUNTY HARPER

STATE KS.

Sec. 9

Twp 32S

Rge. 6W

Mail Inv. To

SUITE 1532

Co. Name

125 N. MARKET, WICHITA, KS 67202

Address

No. Copies Requested

5

Mail Charts To

No. Copies Requested

5

Address

Formation Test No.

O.K.

Misrun

Interval Tested From

4697' to 4707'

Total Depth

4707'

Size Main Hole

7 7/8

Rat Hole

Conv.

B.T.

Damaged

Yes

No Conv.

B.T.

Damaged

Yes

No

Top Packer Depth

4692'

Ft.

Size

6 3/4"

Bottom Packer Depth

4697'

Ft.

Size

6 3/4"

Straddle

Conv.

B.T.

Damaged

Yes

No

Packer Depth

Ft.

Size

Tool Size

5 1/2 OD

Tool Joint Size

4 1/2 FH

Anchor Length

12'

Ft.

Size

5 1/2 OD

Surface Choke Size

3/4"

In.

Bottom Choke Size

3/4"

In.

RECORDERS

Depth

4703'

Ft.

Clock No.

10168

Depth

4706'

Ft.

Clock No.

6894

Top Make

Kuster

Cap.

4150

No.

969

Inside

Bottom Make

Kuster

Cap.

4400

No.

2603

Inside

Below Straddle: Depth

—

Rec. No.

—

Clock No.

—

Outside

Depth

—

Ft.

Rec. No.

—

Clock No.

—

Inside

Outside

Time Set Packer

453A

Tool Open I.F.P. From

453D

M.

to 533A

M.

Hr.

30

Min. From (B)

1:15

P.S.I. To (C)

1:15

P.S.I.

Tool Closed I.C.I.P. From

533A

M.

to 615A

M.

Hr.

45

Min. (D)

1769

P.S.I. To (F)

1738

P.S.I.

Tool Open F.F.P. From

615A

M.

to 715A

M.

Hr.

1:00

Min. From (E)

1769

P.S.I. To (F)

1738

P.S.I.

Tool Closed F.C.I.P. From

715A

M.

to 753A

M.

Hr.

45

Min. (G)

2358

P.S.I. To (F)

2245

P.S.I.

Initial Hydrostatic Pressure (A)

2,358

P.S.I.

Final Hydrostatic Pressure (H)

2,395

P.S.I.

Maximum Temp

—

P.S.I.

—

—

—

—

—

INFORMATION

BLOW STRONG BLOW THEY CUT TEST GAS TO SURF. 5 MIN OF F.F.P. CUT mud 360 FT. SLI OIL & GAS, CUT WATER- 3300 FT GAS & WATER

Did Well Flow — Yes — No Recovery Total Ft. 3780 FT - 120 FT. SLIGHTLY OIL & HEAVILY GAS

Reversed Out ☒ Yes ☐ No Mud Type ☒ Stack premix Viscosity 61 Weight 9.2 Water Loss 10.0 cc. Chlorides 19,000 PPM

EXTRA EQUIPMENT Type Circ. Sub. ☒ Safety Joint — Jars: Size — In. Make — Ser. No. —

Dual Packers ☒ Did Packers Hold? ☒ Yes Did Tool Plug? ☒ NO Where? —

DRILLING CONTRACTOR Sweetman DL2 Length Drill Pipe 4394 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 X-11 In.

Length Weight Pipe — ft. I.D. Weight Pipe — In. Tool Joint Size — In. Length Drill Collars 282 ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 X-11 In. Length D.S.T. Tool 33 ft.

Remarks Dropped BART WAS NOT ABLE TO REVERSE OUT - PUT KELLY ON & PRESSURED UP & COULD NOT PUMP INTO - PULLED WET

Chlorides
Top 85,000 PPM
Middle 85,000 PPM
Bottom 85,000 PPM

INVOICE SECTION

Open Hole Test	\$ 415.00
Straddle Test	\$
Jars	\$
Selective Zone	\$
Safety Joint	\$
Misrun	\$
Evaluation	\$
Packer	\$
Circ. Sub.	\$ 20.00
Total	\$ 435.00

COMPANY TERMS

Western Testing Co., Inc., shall not be liable for damage 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, or 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 10% 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

Operator's Time

Hrs.

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Nº 879

Date 10-26-77 Ticket 23332 Company Lee Phillips Oil Co.
Well Name and No. SHORT #1 Dst No. 1 Interval Tested 4697-4709
County HARPER State KS. Sec. 9 Twp. 32S Rg. 6W.

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
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PRE FLOW

SECOND FLOW

<u>GAS TO SURF. 5 min</u>						
<u>625A</u>	<u>15 min</u>	<u>10" of water</u>	<u>4" ORifice</u>	<u>PLATE</u>	<u>5,320 C.F.D.P.10</u>	
<u>635A</u>	<u>25</u>	<u>11" of water</u>			<u>5,600</u>	
<u>645A</u>	<u>35</u>	<u>6" of water</u>			<u>4,120</u>	
<u>655A</u>	<u>45</u>	<u>2" of water</u>			<u>2,370</u>	
<u>705A</u>	<u>55</u>	<u>1" of water</u>			<u>1,680</u>	
<u>715A</u>	<u>60</u>	<u>1" of water</u>			<u>1,680</u>	

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

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COMPANY'S NAME Lee Phillips Oil Co.
Authorized by Charles R. King

WESTERN TESTING CO., INC.
Pressure Data

Test Ticket No. 23332

Location 4703 Ft.

10-26-77

Order No. 969

Capacity 4150

Well No. 10168

Elevation 1379 Kelly Bushing

Well Temperature — °F

	Pressure	
Initial Hydrostatic Mud	<u>2395</u> P.S.I.	
First Initial Flow Pressure	<u>443</u> P.S.I.	
First Final Flow Pressure	<u>1442</u> P.S.I.	
Initial Closed-in Pressure	<u>1760</u> P.S.I.	
Second Initial Flow Pressure	<u>1530</u> P.S.I.	
Second Final Flow Pressure	<u>1769</u> P.S.I.	
Final Closed-in Pressure	<u>1774</u> P.S.I.	
Final Hydrostatic Mud	<u>2245</u> P.S.I.	

Open Tool

First Flow Pressure

Initial Closed-in Pressure

Second Flow Pressure

Final Closed-in Pressure

Time Given Time Computed

4:53 P M

30 Mins. 30 Mins.

45 Mins. 45 Mins.

60 Mins. 60 Mins.

45 Mins. 45 Mins.

PRESSURE BREAKDOWN

First Flow Pressure

Breakdown: 6 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: 12 Inc.

of 5 mins. and a

final inc. of 0 Min.

Final Shut-In

Breakdown: 15 Inc.

of 3 mins. and a

final inc. of 0 Min.

Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
0	<u>443</u>	0	<u>1442</u>	0	<u>1530</u>	0	<u>1769</u>
1		3	<u>1732</u>	5	<u>1579</u>	3	<u>1770</u>
2	<u>584</u>	6	<u>1741</u>	10	<u>1655</u>	6	<u>1771</u>
3	<u>772</u>	9	<u>1747</u>	15	<u>1710</u>	9	<u>1772</u>
4	<u>954</u>	12	<u>1753</u>	20	<u>1737</u>	12	<u>1772</u>
5	<u>1125</u>	15	<u>1757</u>	25	<u>1753</u>	15	<u>1773</u>
6	<u>1294</u>	18	<u>1758</u>	30	<u>1763</u>	18	<u>1773</u>
7	<u>1442</u>	21	<u>1758</u>	35	<u>1766</u>	21	<u>1773</u>
8		24	<u>1759</u>	40	<u>1768</u>	24	<u>1774</u>
9		27	<u>1759</u>	45	<u>1768</u>	27	
10		30	<u>1759</u>	50	<u>1769</u>	30	
11		33	<u>1759</u>	55	<u>1769</u>	33	
12		36	<u>1760</u>	60	<u>1769</u>	36	
13		39	<u>1760</u>	65		39	
14		42	<u>1760</u>	70		42	
15		45	<u>1760</u>	75		45	<u>1774</u>
16		48		80		48	
17		51		85		51	
18		54		90		54	
19		57				57	
20		60				60	