



## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp Inc**

1625 N. Waterfront PKWY  
Wichita, KS 67206-6602

ATTN: Dave Goldak

### **Schroder #2-14**

#### **14-17s-33w Scott,KS**

Start Date: 2014.06.20 @ 20:30:20

End Date: 2014.06.21 @ 02:56:05

Job Ticket #: 59069                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.06.26 @ 12:48:21



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Stelbar Oil Corp Inc  
1625 N. Waterfront PKWY  
Wichita, KS 67206-6602  
ATTN: Dave Goldak

**14-17s-33w Scott,KS**  
**Schroder #2-14**  
Job Ticket: 59069 **DST#: 1**  
Test Start: 2014.06.20 @ 20:30:20

## GENERAL INFORMATION:

Formation: **LKC B**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 22:47:50  
Time Test Ended: 02:56:05  
Interval: **4012.00 ft (KB) To 4032.00 ft (KB) (TVD)**  
Total Depth: 4032.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Shane McBride  
Unit No: 55  
Reference Elevations: 3030.00 ft (KB)  
3019.00 ft (CF)  
KB to GR/CF: 11.00 ft

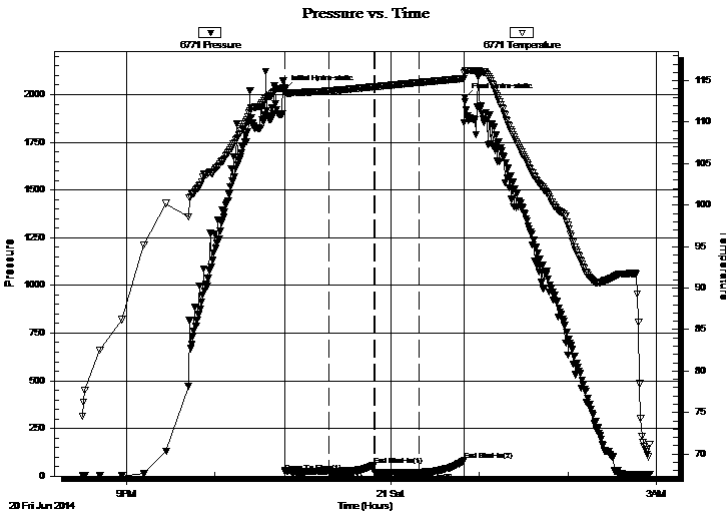
## Serial #: 6771

Inside

Press@RunDepth: 21.11 psig @ 4013.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2014.06.20 End Date: 2014.06.21 Last Calib.: 2014.06.21  
Start Time: 20:30:20 End Time: 02:56:05 Time On Btm: 2014.06.20 @ 22:47:35  
Time Off Btm: 2014.06.21 @ 00:50:05

TEST COMMENT: Weak surface blow died in 15 min.  
No return  
No blow  
No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2024.41	114.20	Initial Hydro-static
1	22.37	113.49	Open To Flow (1)
31	25.94	113.76	Shut-In(1)
61	58.71	114.27	End Shut-In(1)
61	18.37	114.24	Open To Flow (2)
92	21.11	114.77	Shut-In(2)
122	81.85	115.27	End Shut-In(2)
123	1984.26	116.17	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100%m	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stelbar Oil Corp Inc  
1625 N. Waterfront PKWY  
Wichita, KS 67206-6602  
ATTN: Dave Goldak

**14-17s-33w Scott,KS**  
**Schroder #2-14**  
Job Ticket: 59069 **DST#: 1**  
Test Start: 2014.06.20 @ 20:30:20

## Tool Information

Drill Pipe:	Length: 3761.00 ft	Diameter: 3.80 inches	Volume: 52.76 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 53.98 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	4012.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3985.00	
Shut In Tool	5.00			3990.00	
Hydraulic tool	5.00			3995.00	
Jars	5.00			4000.00	
Safety Joint	3.00			4003.00	
Packer	5.00			4008.00	28.00 Bottom Of Top Packer
Packer	4.00			4012.00	
Stubb	1.00			4013.00	
Recorder	0.00	6771	Inside	4013.00	
Recorder	0.00	8844	Outside	4013.00	
Perforations	14.00			4027.00	
Bullnose	5.00			4032.00	20.00 Bottom Packers & Anchor

**Total Tool Length: 48.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Stelbar Oil Corp Inc

**14-17s-33w Scott,KS**

1625 N. Waterfront PKWY  
Wichita, KS 67206-6602

**Schroder #2-14**

Job Ticket: 59069

**DST#: 1**

ATTN: Dave Goldak

Test Start: 2014.06.20 @ 20:30:20

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100%m	0.005

Total Length: 1.00 ft      Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

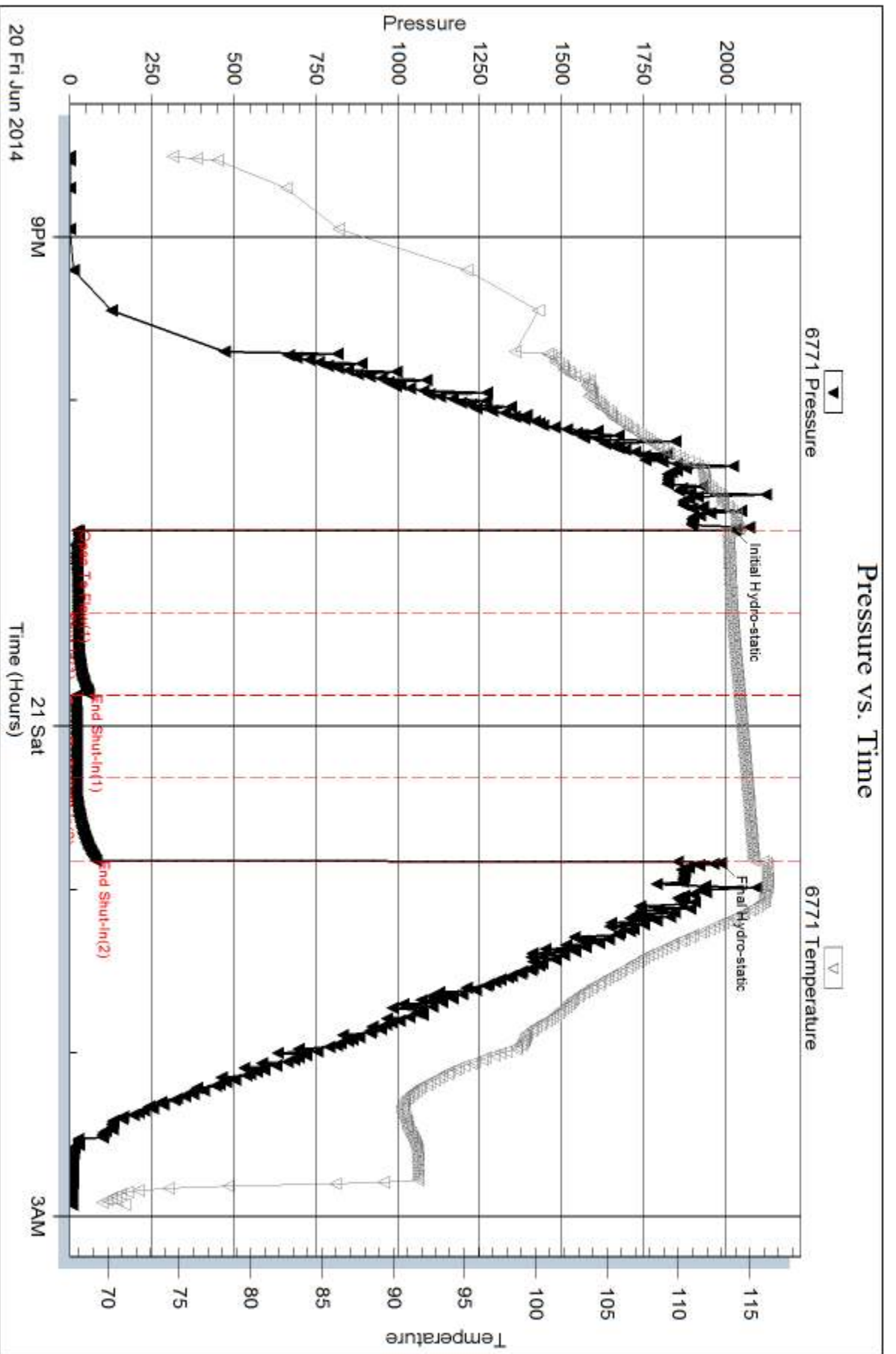
Serial #: 6771

Inside

Stebar Oil Corp Inc

Schroder #2-14

DST Test Number: 1

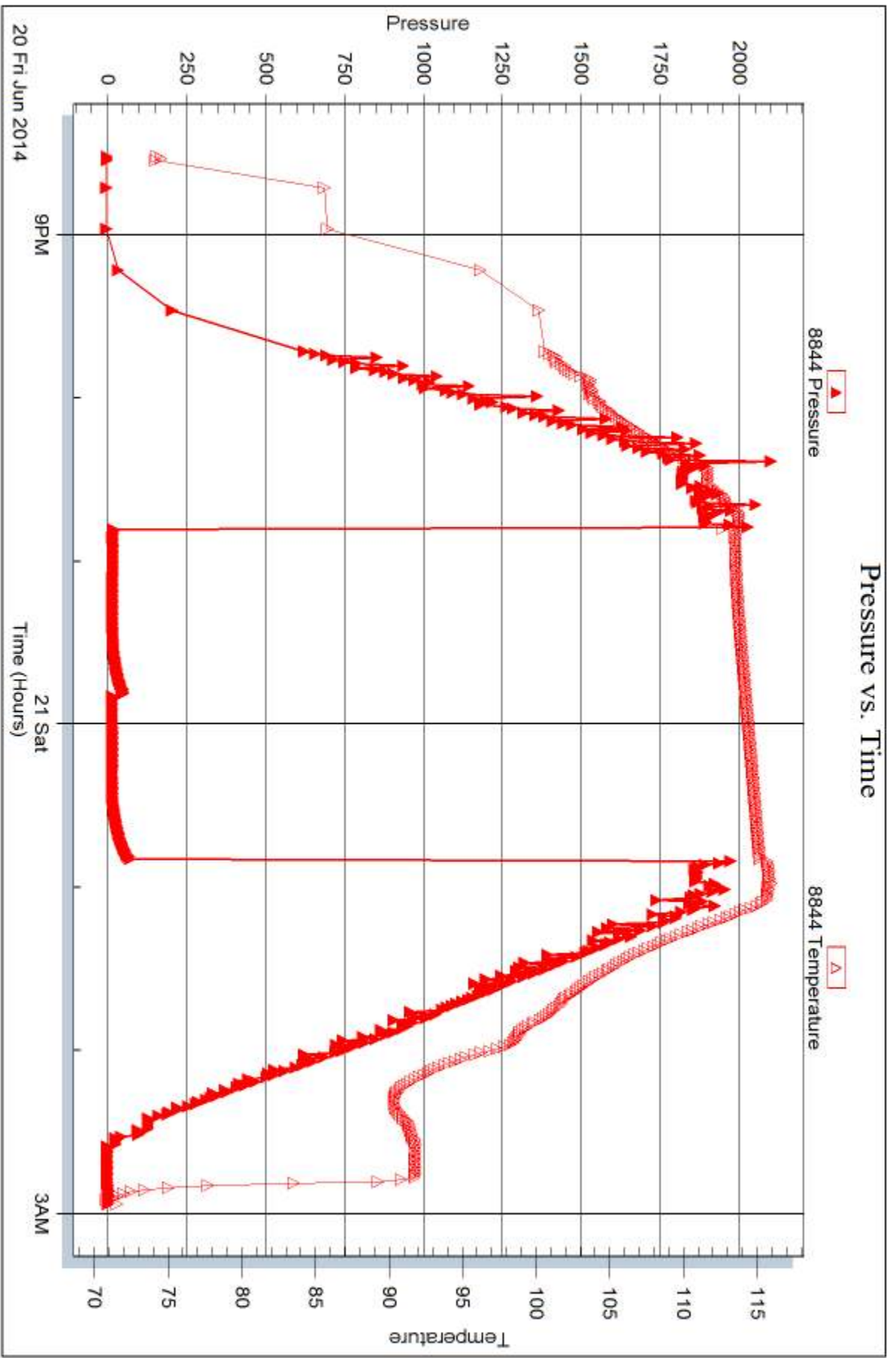


Serial #: 8844

Outside Stellar Oil Corp Inc

Schroder #2-14

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp Inc**

1625 N. Waterfront PKWY  
Wichita, KS 67206-6602

ATTN: Dave Goldak

### **Schroder #2-14**

#### **14-17s-33w Scott,KS**

Start Date: 2014.06.21 @ 21:10:50

End Date: 2014.06.22 @ 03:18:05

Job Ticket #: 59070                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.06.26 @ 12:47:56





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Stelbar Oil Corp Inc  
 1625 N. Waterfront PKWY  
 Wichita, KS 67206-6602  
 ATTN: Dave Goldak

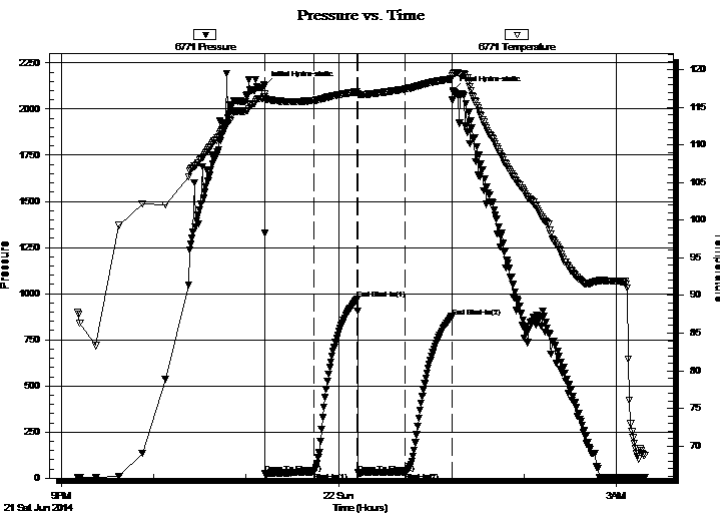
**14-17s-33w Scott,KS**  
**Schroder #2-14**  
 Job Ticket: 59070 **DST#: 2**  
 Test Start: 2014.06.21 @ 21:10:50

## GENERAL INFORMATION:

Formation: **LKC L**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 23:12:20  
 Time Test Ended: 03:18:05  
 Interval: **4332.00 ft (KB) To 4372.00 ft (KB) (TVD)**  
 Total Depth: 4372.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 3030.00 ft (KB)  
 3019.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 6771 Inside**  
 Press@RunDepth: 32.62 psig @ 4333.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.06.21 End Date: 2014.06.22 Last Calib.: 2014.06.22  
 Start Time: 21:10:50 End Time: 03:18:05 Time On Btm: 2014.06.21 @ 23:11:50  
 Time Off Btm: 2014.06.22 @ 01:14:05

TEST COMMENT: 1/4" blow died in 15 min.  
 No return  
 No blow  
 No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.16	116.73	Initial Hydro-static
1	23.46	116.17	Open To Flow (1)
32	31.24	115.88	Shut-In(1)
60	969.76	117.05	End Shut-In(1)
61	28.40	116.72	Open To Flow (2)
92	32.62	117.42	Shut-In(2)
122	876.10	118.75	End Shut-In(2)
123	2099.07	119.43	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w/ oil spots 100%m	0.02

\* Recovery from multiple tests

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stelbar Oil Corp Inc

**14-17s-33w Scott,KS**

1625 N. Waterfront PKWY  
Wichita, KS 67206-6602

**Schroder #2-14**

Job Ticket: 59070

**DST#: 2**

ATTN: Dave Goldak

Test Start: 2014.06.21 @ 21:10:50

## Tool Information

Drill Pipe:	Length: 4079.00 ft	Diameter: 3.80 inches	Volume: 57.22 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 58.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4332.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4303.00	
Shut In Tool	5.00			4308.00	
Sampler	2.00			4310.00	
Hydraulic tool	5.00			4315.00	
Jars	5.00			4320.00	
Safety Joint	3.00			4323.00	
Packer	5.00			4328.00	30.00 Bottom Of Top Packer
Packer	4.00			4332.00	
Stubb	1.00			4333.00	
Recorder	0.00	6771	Inside	4333.00	
Recorder	0.00	8844	Outside	4333.00	
Perforations	34.00			4367.00	
Bullnose	5.00			4372.00	40.00 Bottom Packers & Anchor

**Total Tool Length: 70.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Stelbar Oil Corp Inc

**14-17s-33w Scott,KS**

1625 N. Waterfront PKWY  
Wichita, KS 67206-6602

**Schroder #2-14**

Job Ticket: 59070

**DST#: 2**

ATTN: Dave Goldak

Test Start: 2014.06.21 @ 21:10:50

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud w/ oil spots 100%m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: sampler 2000 ml mud w/oil spots 520psi

Serial #: 6771

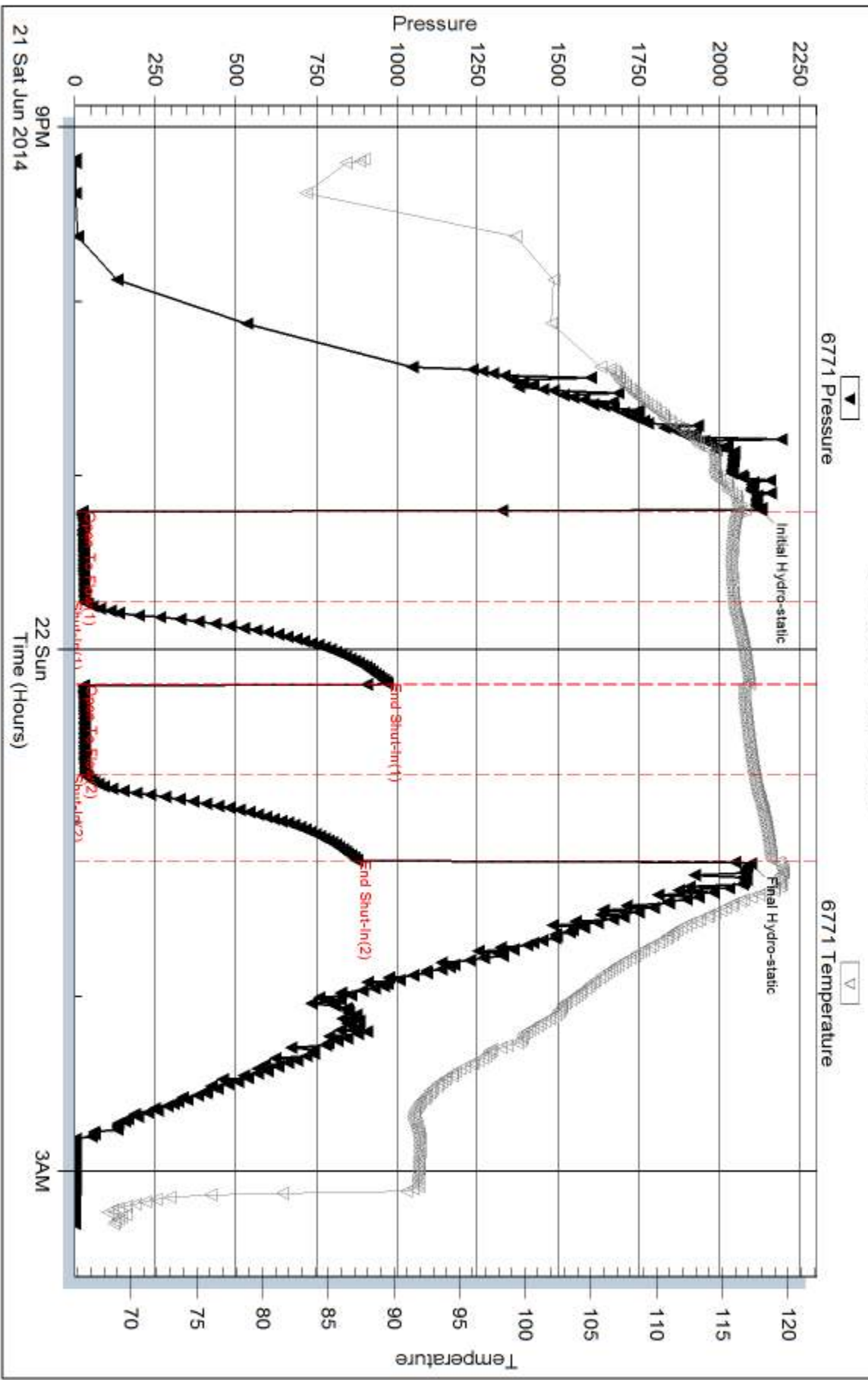
Inside

Stellar Oil Corp Inc

Schroder #2-14

DST Test Number: 2

### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 59070

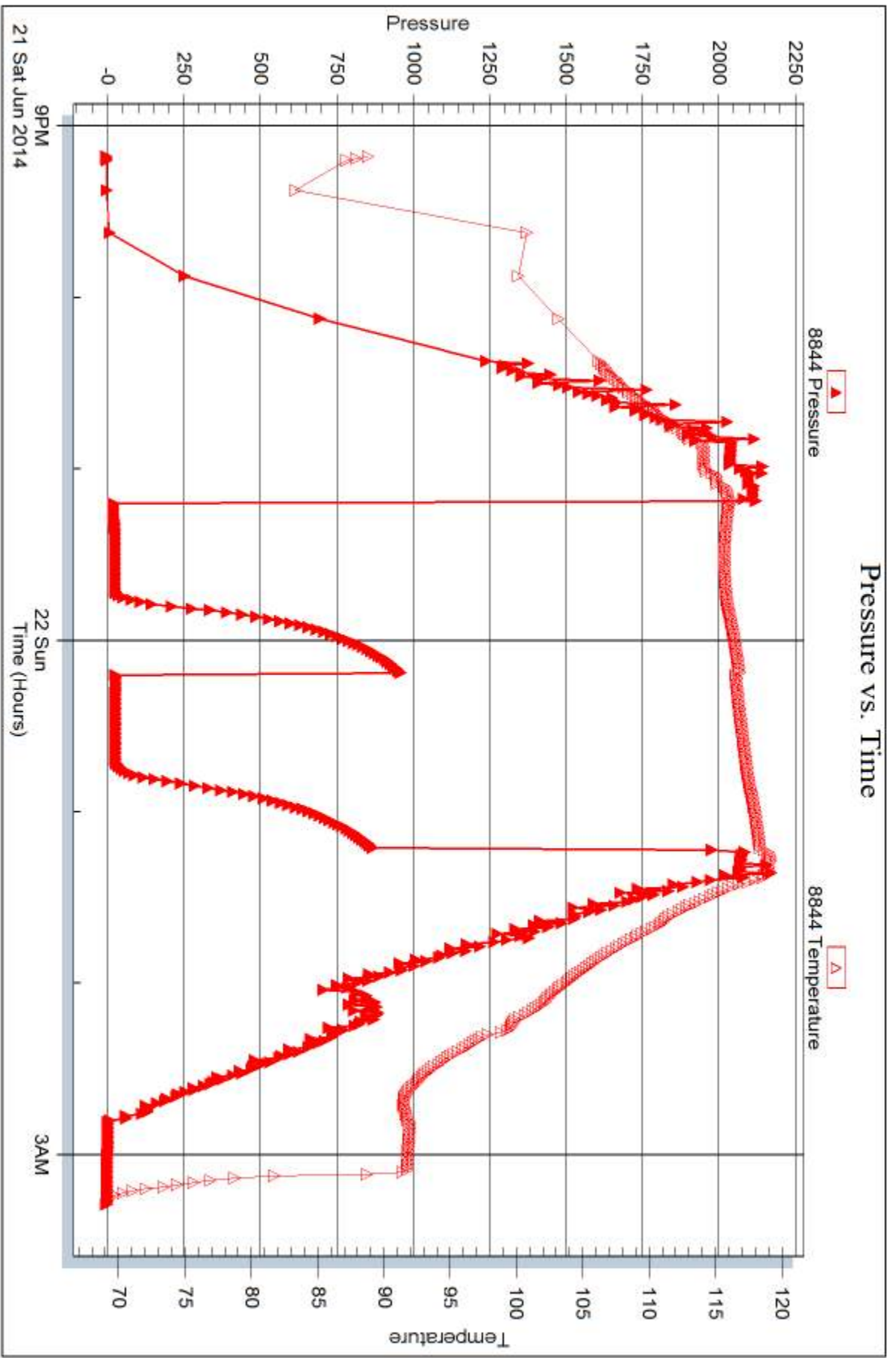
Printed: 2014.06.26 @ 12:47:57

Serial #: 8844

Outside Stellar Oil Corp Inc

Schroder #2-14

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59070

Printed: 2014.06.26 @ 12:47:57



## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp Inc**

1625 N. Waterfront PKWY  
Wichita, KS 67206-6602

ATTN: Dave Goldak

### **Schroder #2-14**

#### **14-17s-33w Scott,KS**

Start Date: 2014.06.22 @ 12:12:48

End Date: 2014.06.22 @ 21:45:48

Job Ticket #: 59072                      DST #: 3

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.06.26 @ 12:47:14



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Stelbar Oil Corp Inc  
1625 N. Waterfront PKWY  
Wichita, KS 67206-6602  
ATTN: Dave Goldak

**14-17s-33w Scott,KS**  
**Schroder #2-14**  
Job Ticket: 59072      **DST#: 3**  
Test Start: 2014.06.22 @ 12:12:48

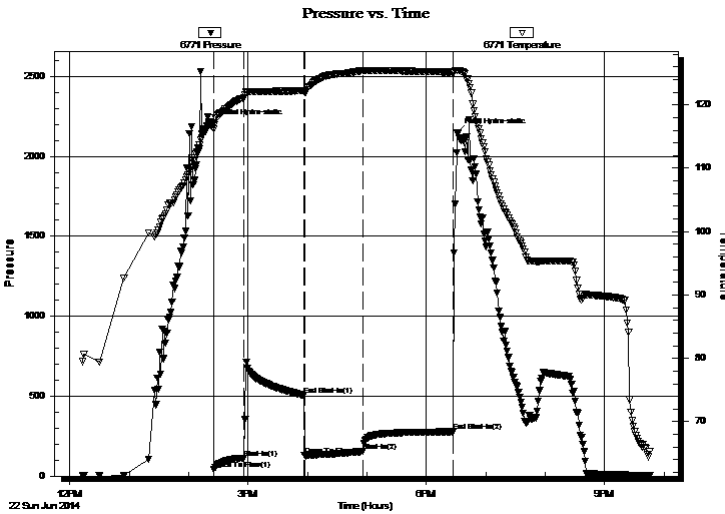
## GENERAL INFORMATION:

Formation: **Marmaton**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 14:25:18  
Time Test Ended: 21:45:48  
Interval: **4419.00 ft (KB) To 4444.00 ft (KB) (TVD)**  
Total Depth: 4444.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Shane McBride  
Unit No: 55  
Reference Elevations: 3030.00 ft (KB)  
3019.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 6771      Inside**  
Press@RunDepth: 154.25 psig @ 4420.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2014.06.22      End Date: 2014.06.22      Last Calib.: 2014.06.22  
Start Time: 12:12:48      End Time: 21:45:48      Time On Btm: 2014.06.22 @ 14:25:03  
Time Off Btm: 2014.06.22 @ 18:31:33

**TEST COMMENT:** B.O.B. in 12 min.  
Surface return in 2 min. built to 1/4"  
B.O.B. in 15 min.  
Surface return in 2 min. built to 1"

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2203.00	117.20	Initial Hydro-static
1	43.16	116.16	Open To Flow (1)
31	111.36	121.08	Shut-In(1)
92	505.90	122.22	End Shut-In(1)
92	129.43	122.02	Open To Flow (2)
151	154.25	125.40	Shut-In(2)
242	277.57	125.15	End Shut-In(2)
247	2147.42	125.37	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	m c g o 20m 40g 40o	0.61
217.00	s m c g o 10m 50g 40o	1.91
31.00	c g o 30g 70o	0.43
0.00	806' gas in pipe	0.00

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stelbar Oil Corp Inc  
1625 N. Waterfront PKWY  
Wichita, KS 67206-6602  
ATTN: Dave Goldak

**14-17s-33w Scott,KS**  
**Schroder #2-14**  
Job Ticket: 59072      **DST#: 3**  
Test Start: 2014.06.22 @ 12:12:48

**Tool Information**

Drill Pipe:	Length: 4172.00 ft	Diameter: 3.80 inches	Volume: 58.52 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 59.74 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	78000.00 lb
Depth to Top Packer:	4419.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	55.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
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Change Over Sub	1.00			4390.00	
Shut In Tool	5.00			4395.00	
Sampler	2.00			4397.00	
Hydraulic tool	5.00			4402.00	
Jars	5.00			4407.00	
Safety Joint	3.00			4410.00	
Packer	5.00			4415.00	30.00 Bottom Of Top Packer
Packer	4.00			4419.00	
Stubb	1.00			4420.00	
Recorder	0.00	6771	Inside	4420.00	
Recorder	0.00	8844	Outside	4420.00	
Perforations	19.00			4439.00	
Bullnose	5.00			4444.00	25.00 Bottom Packers & Anchor

**Total Tool Length: 55.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stelbar Oil Corp Inc

**14-17s-33w Scott,KS**

1625 N. Waterfront PKWY  
Wichita, KS 67206-6602

**Schroder #2-14**

Job Ticket: 59072

**DST#: 3**

ATTN: Dave Goldak

Test Start: 2014.06.22 @ 12:12:48

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	m c g o 20m 40g 40o	0.610
217.00	s m c g o 10m 50g 40o	1.914
31.00	c g o 30g 70o	0.435
0.00	806' gas in pipe	0.000

Total Length: 372.00 ft      Total Volume: 2.959 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: sampler 200ml mud 900 ml oil 1.3 cubic ft gas 230 psi

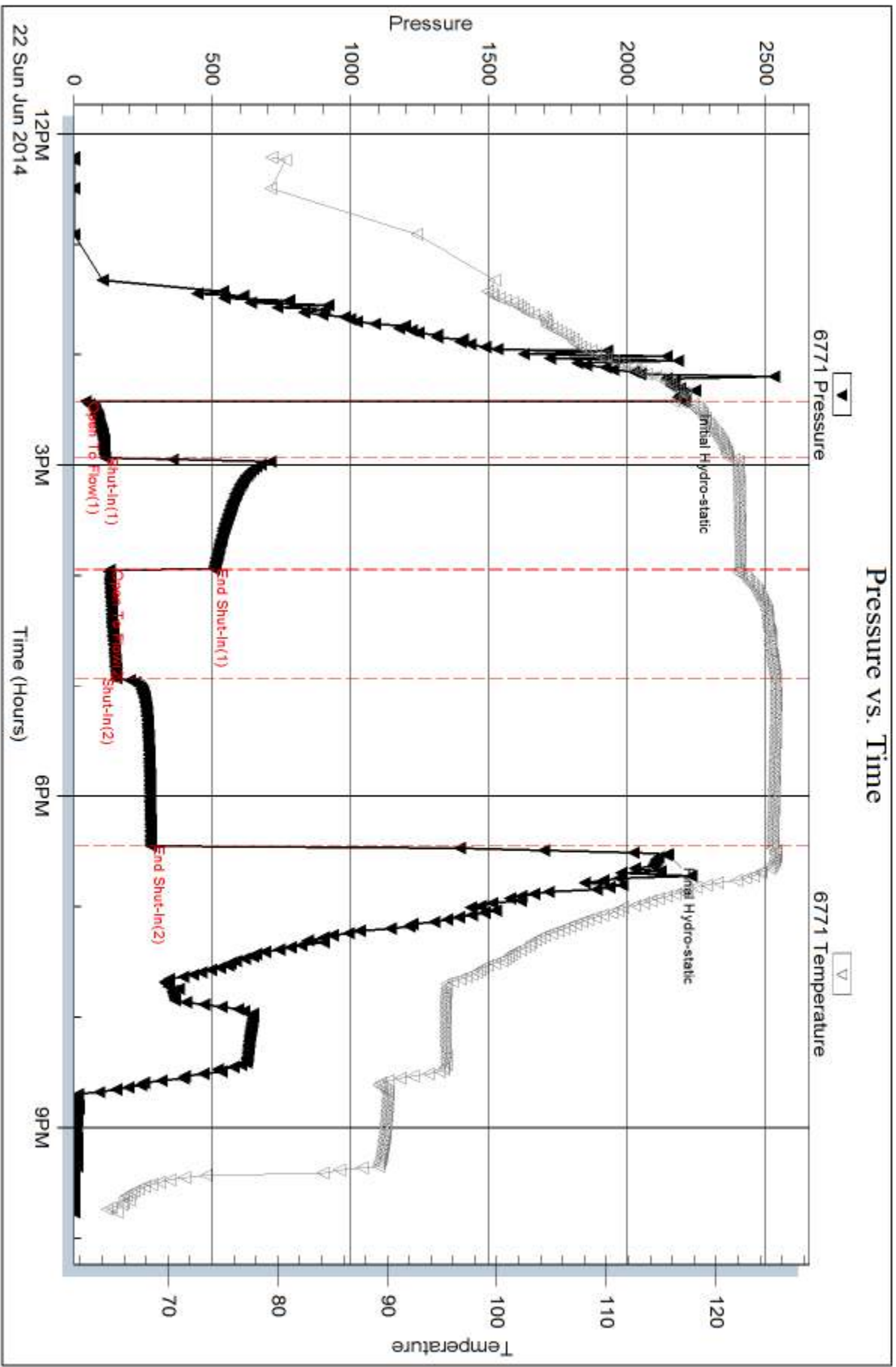
Serial #: 6771

Inside

Stellar Oil Corp Inc

Schroder #2-14

DST Test Number: 3

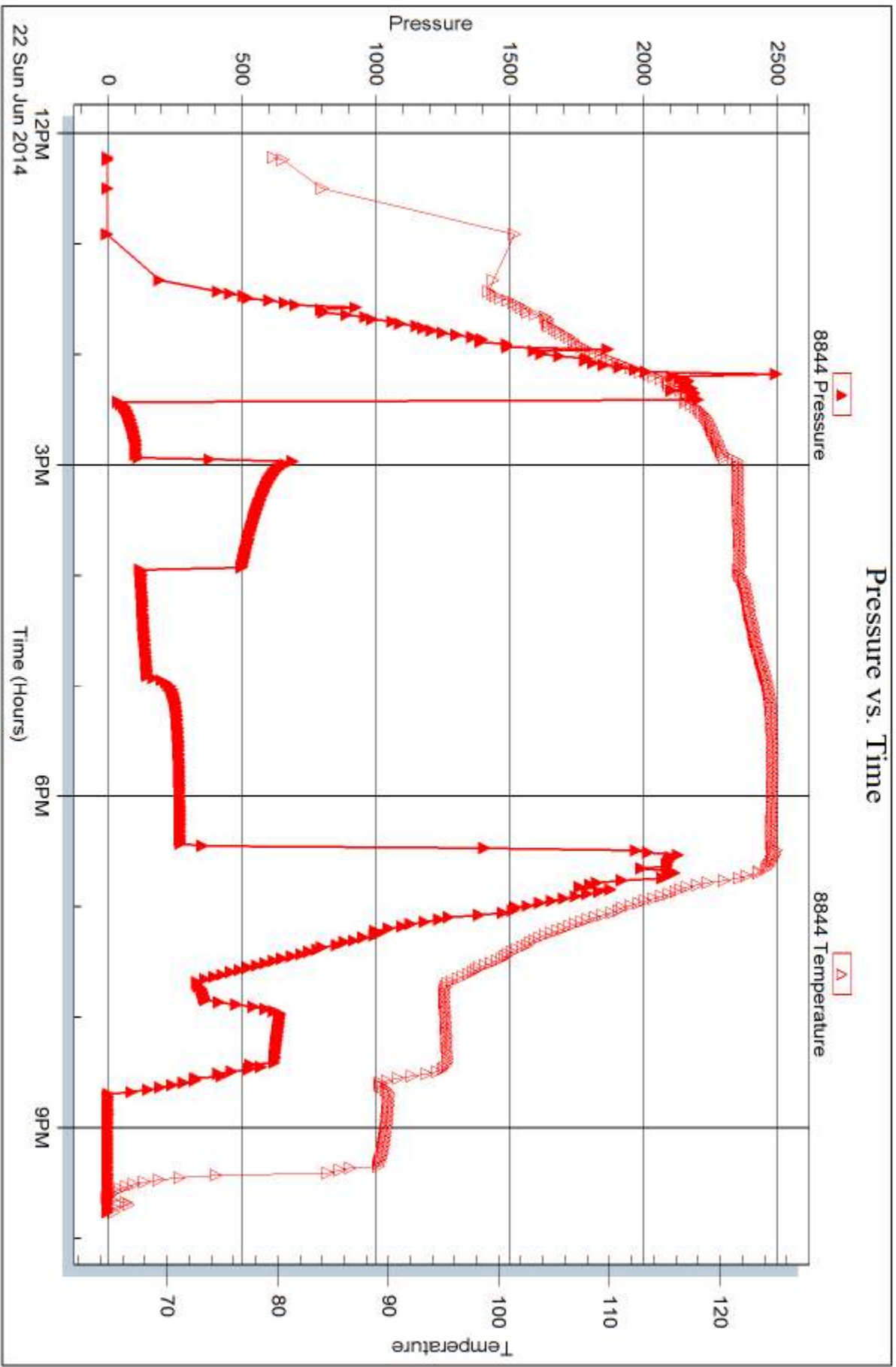


Serial #: 8844

Outside Stellar Oil Corp Inc

Schroder #2-14

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59072

Printed: 2014.06.26 @ 12:47:15



## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp Inc**

1625 N. Waterfront PKWY  
Wichita, KS 67206-6602

ATTN: Dave Goldak

### **Schroder #2-14**

#### **14-17s-33w Scott,KS**

Start Date: 2014.06.23 @ 12:40:53

End Date: 2014.06.23 @ 21:30:08

Job Ticket #: 59073                      DST #: 4

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.06.26 @ 12:45:08



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Stelbar Oil Corp Inc  
 1625 N. Waterfront PKWY  
 Wichita, KS 67206-6602  
 ATTN: Dave Goldak

**14-17s-33w Scott,KS**  
**Schroder #2-14**  
 Job Ticket: 59073 **DST#: 4**  
 Test Start: 2014.06.23 @ 12:40:53

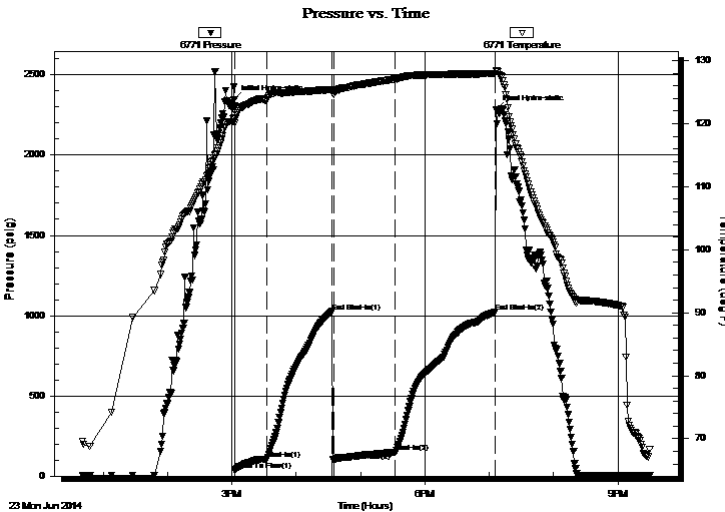
## GENERAL INFORMATION:

Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 15:02:38  
 Time Test Ended: 21:30:08  
 Interval: **4604.00 ft (KB) To 4670.00 ft (KB) (TVD)**  
 Total Depth: 4670.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 3030.00 ft (KB)  
 3019.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 6771 Inside**  
 Press@RunDepth: 147.63 psig @ 4605.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.06.23 End Date: 2014.06.23 Last Calib.: 2014.06.23  
 Start Time: 12:40:53 End Time: 21:30:08 Time On Btm: 2014.06.23 @ 15:02:08  
 Time Off Btm: 2014.06.23 @ 19:06:23

**TEST COMMENT:** B.O.B. in 7 min.  
 3" in return blow  
 B.O.B. in 2 min.  
 5" in return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2347.75	120.91	Initial Hydro-static
1	36.08	120.09	Open To Flow (1)
31	104.09	123.76	Shut-In(1)
92	1025.04	125.40	End Shut-In(1)
93	94.81	124.59	Open To Flow (2)
151	147.63	127.08	Shut-In(2)
244	1022.25	127.93	End Shut-In(2)
245	2284.30	128.44	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
107.00	g o c m 20g 30o 50m	0.53
124.00	g m c o 30g 10m 60o	0.61
62.00	c g o 30g 70o	0.71
62.00	s m c g o 5m 55g 40o	0.87
0.00	1565' gas in pipe	0.00

\* Recovery from multiple tests

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stelbar Oil Corp Inc  
1625 N. Waterfront PKWY  
Wichita, KS 67206-6602  
ATTN: Dave Goldak

**14-17s-33w Scott,KS**  
**Schroder #2-14**  
Job Ticket: 59073 **DST#: 4**  
Test Start: 2014.06.23 @ 12:40:53

## Tool Information

Drill Pipe:	Length: 4331.00 ft	Diameter: 3.80 inches	Volume: 60.75 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 61.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4604.00 ft			Final 79000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	96.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4575.00	
Shut In Tool	5.00			4580.00	
Sampler	2.00			4582.00	
Hydraulic tool	5.00			4587.00	
Jars	5.00			4592.00	
Safety Joint	3.00			4595.00	
Packer	5.00			4600.00	30.00 Bottom Of Top Packer
Packer	4.00			4604.00	
Stubb	1.00			4605.00	
Recorder	0.00	6771	Inside	4605.00	
Recorder	0.00	8844	Outside	4605.00	
Perforations	26.00			4631.00	
Change Over Sub	1.00			4632.00	
Drill Pipe	32.00			4664.00	
Change Over Sub	1.00			4665.00	
Bullnose	5.00			4670.00	66.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>96.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stelbar Oil Corp Inc

**14-17s-33w Scott,KS**

1625 N. Waterfront PKWY  
Wichita, KS 67206-6602

**Schroder #2-14**

Job Ticket: 59073

**DST#: 4**

ATTN: Dave Goldak

Test Start: 2014.06.23 @ 12:40:53

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
107.00	g o c m 20g 30o 50m	0.526
124.00	g m c o 30g 10m 60o	0.610
62.00	c g o 30g 70o	0.715
62.00	s m c g o 5m 55g 40o	0.870
0.00	1565' gas in pipe	0.000

Total Length: 355.00 ft      Total Volume: 2.721 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: sampler 1450ml oil .7 cubic ft gas trace of mud 620 psi

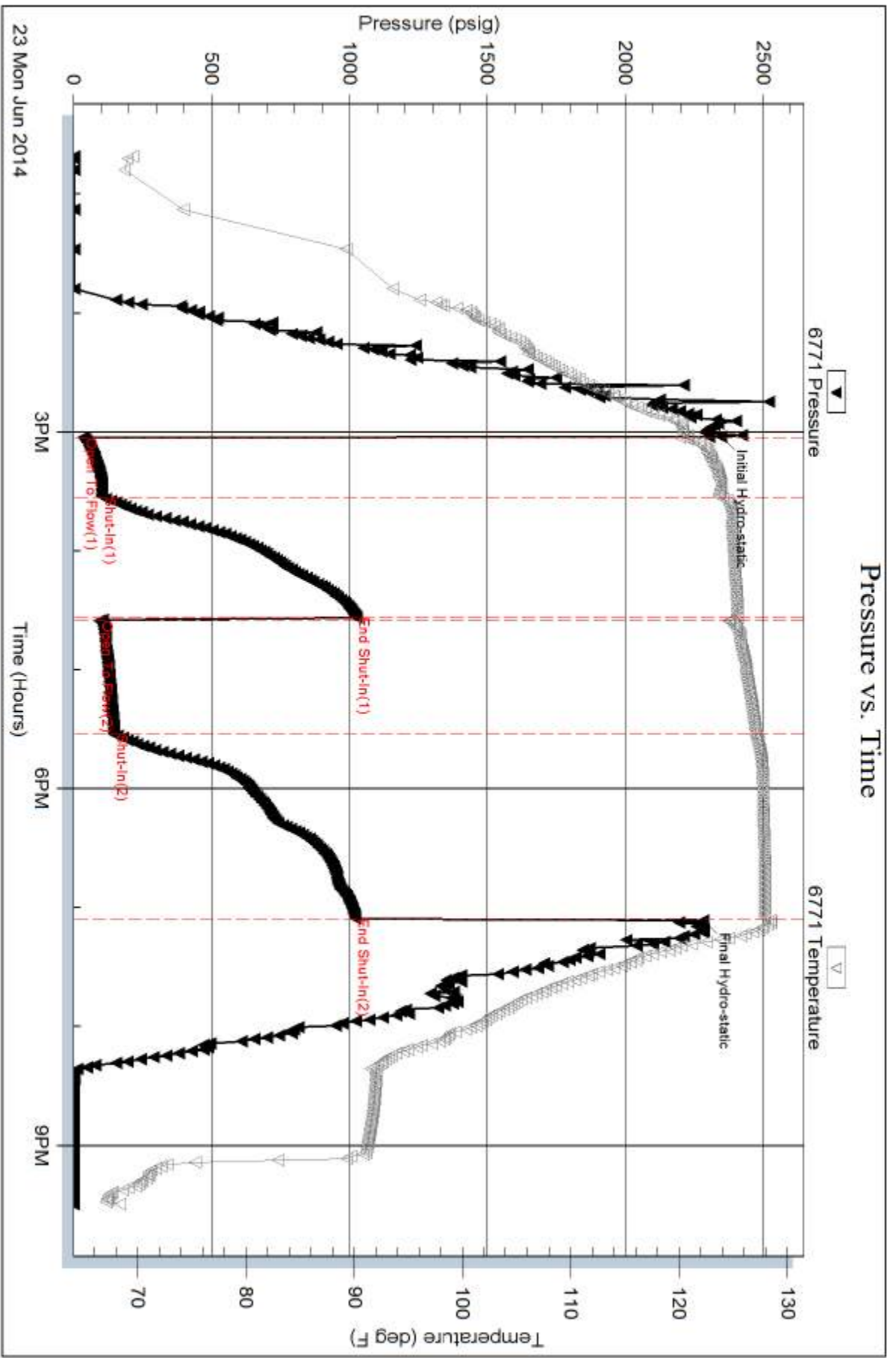
Serial #: 6771

Inside

Stalbar Oil Corp Inc

Schroder #2-14

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 59073

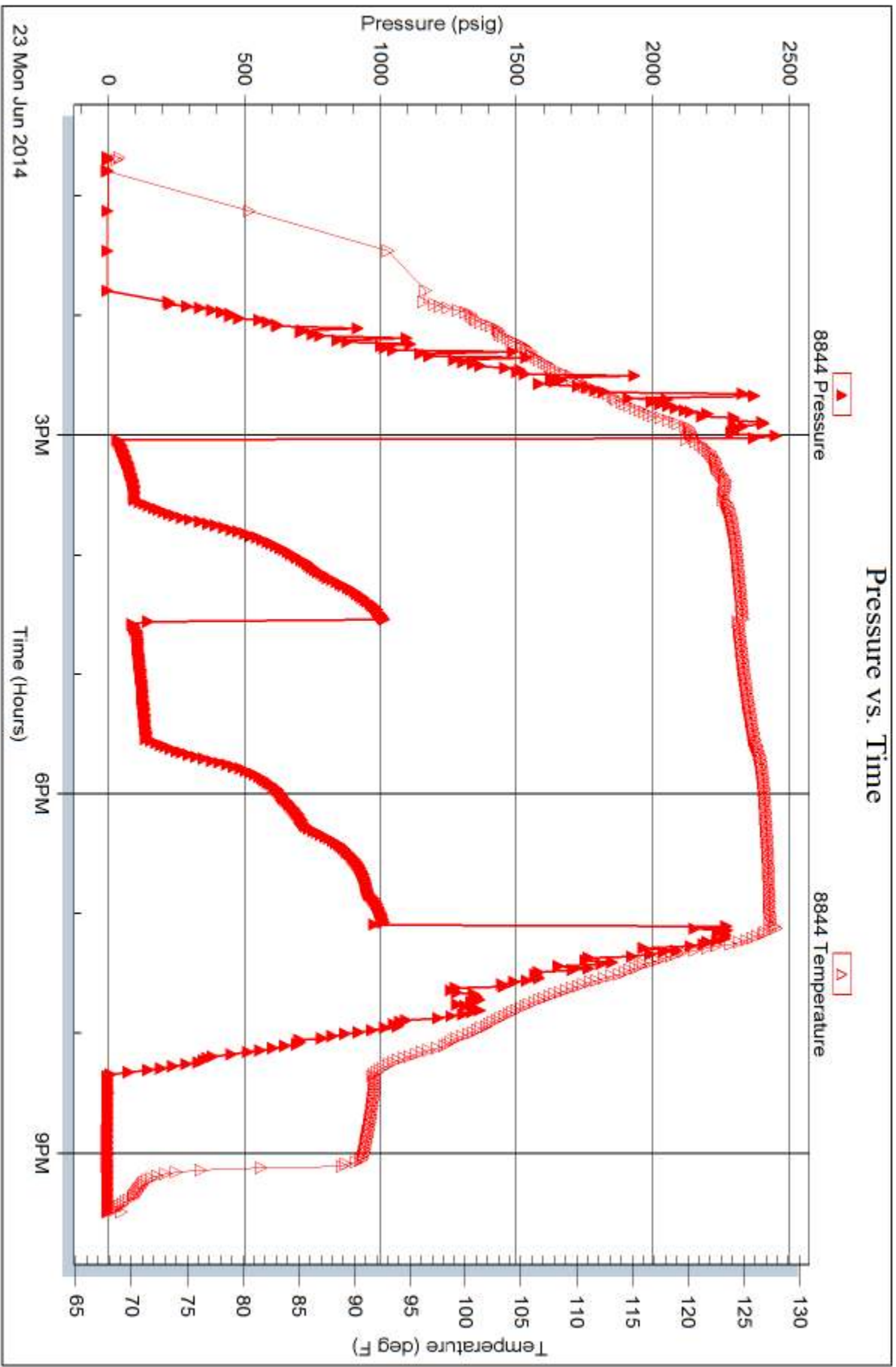
Printed: 2014.06.26 @ 12:45:09

Serial #: 8844

Outside Stellar Oil Corp Inc

Schroder #2-14

DST Test Number: 4



23 Mon Jun 2014

3PM

6PM

9PM

Time (Hours)



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 59069

Well Name & No. Schroder #2-14 Test No. #1 Date 6-21-14  
 Company Stelbar Oil Corp. Inc. Elevation 3030 KB 3019 GL  
 Address 1625 N. Waterfront PKWY, Wichita, KS 67206-0602  
 Co. Rep / Geo. Dave Goldak Rig Sterling #2  
 Location: Sec. 14 Twp. 17S Rge. 33W Co. Scott State Ks

Interval Tested 4012 4032 Zone Tested B  
 Anchor Length 20 Drill Pipe Run 3761 Mud Wt. 8.7  
 Top Packer Depth 4007 Drill Collars Run 248 Vis 50  
 Bottom Packer Depth 4012 Wt. Pipe Run --- WL 7.2  
 Total Depth 4032 Chlorides 3700 ppm System LCM #1

Blow Description Weak surface blow dead w. 15m.w.  
No return

No blow  
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1'</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1' BHT 116° Gravity --- API RW --- @ --- F Chlorides --- ppm

(A) Initial Hydrostatic 2024  
 (B) First Initial Flow 22  
 (C) First Final Flow 25  
 (D) Initial Shut-In 38  
 (E) Second Initial Flow 18  
 (F) Second Final Flow 21  
 (G) Final Shut-In 81  
 (H) Final Hydrostatic 1984

Test 1250  
 Jars 250  
 Safety Joint 75  
 Circ Sub N/C  
 Hourly Standby  
 Mileage 22 ft 34.10  
 Sampler  
 Straddle  
 Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Sub Total 1609.10

T-On Location 20:10  
 T-Started 20:30  
 T-Open 22:48  
 T-Pulled 00:48  
 T-Out 03:00

Comments  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1609.10  
 MP/DST Disc't

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

Approved By [Signature] Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 59070

Well Name & No. Schroeder # 2-14 Test No. #2 Date 6-22-14  
 Company Helbar Oil Corp Inc Elevation 3030 KB 3019 GL  
 Address 1625 W. Waterfront PKWY, Wichita, KS 67206-6602  
 Co. Rep / Geo. Dave Goldak Rig Sterling #2  
 Location: Sec. 14 Twp. 17S Rge. 33W Co. Scott State Ks

Interval Tested 4332 4372 Zone Tested L  
 Anchor Length 40 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.3  
 Top Packer Depth 4327 Drill Collars Run 248 Vis 49  
 Bottom Packer Depth 4332 Wt. Pipe Run \_\_\_\_\_ WL 8.8  
 Total Depth 4372 Chlorides 5000 ppm System LCM #1  
 Blow Description 1/4" blow dned on 15 min.  
No return  
No blow  
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>Mud w/oil spots</u>	<u>Spots</u>	<u>5%</u>	<u>100%</u>	<u>0%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5' BHT 119° Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2129</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>21:00</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>21:10</u>
(C) First Final Flow <u>31</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>23:11</u>
(D) Initial Shut-In <u>969</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>01:11</u>
(E) Second Initial Flow <u>28</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>03:20</u>
(F) Second Final Flow <u>32</u>	<input checked="" type="checkbox"/> Mileage <u>22 RT</u> <u>34.10</u>	Comments _____
(G) Final Shut-In <u>876</u>	<input checked="" type="checkbox"/> Sampler <u>250</u>	_____
(H) Final Hydrostatic <u>2099</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1859.10</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1859.10</u>	

Approved By [Signature] Our Representative [Signature]

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# TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 59070 Date 6-22-14  
 Company Name Stelbar Oil Corp Inc  
 Lease Schroder #2-14 Test No. #2  
 County Scott, Ks Sec. 14 Twp. 175 Rng. 33w

### SAMPLER RECOVERY

Gas — ML  
 Oil — Spots ML  
 Mud 2000 ML  
 Water — ML  
 Other — ML  
 Pressure 520 PSI ~~ML~~  
 Total 2000 ML - Mud w/ oil spots ML

### PIT MUD ANALYSIS

Chlorides 5000 ppm.  
 Resistivity 1.23 ohms @ 75° F  
 Viscosity 49  
 Mud Weight 9.3  
 Filtrate 8.8  
 Other LCM #1

### SAMPLER ANALYSIS

~~Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
 Gravity \_\_\_\_\_ corrected @60F~~

(4332-4372) 40' and/or  
 "L" zone

### PIPE RECOVERY

~~TOP  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
 MIDDLE  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides 100% ppm.  
 BOTTOM  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.~~



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 59072

Well Name & No. Schroder #2-14 Test No. #3 Date 6-22-11  
 Company Stelbar Oil Corp Inc Elevation 3030 KB 3019 GL  
 Address 1625 N. Waterfront PKWY Wichita, KS 67206-6602  
 Co. Rep / Geo. Dave Goldak Rig Sterling #2  
 Location: Sec. 14 Twp. 17S Rge. 33W Co. Scott State Ks

Interval Tested 4419 4444 Zone Tested Marmaton  
 Anchor Length 25 Drill Pipe Run 4172 Mud Wt. 9.3  
 Top Packer Depth 4414 Drill Collars Run 248 Vis 49  
 Bottom Packer Depth 4419 Wt. Pipe Run        WL 8.8  
 Total Depth 4444 Chlorides 5000 ppm System LCM #1/2

Blow Description B.O.B. in 12 min.  
Surface return in 2 min, built to 1/4" in.  
B.O.B. in 15 min  
Surface return in 2 min, built to 1" in.

Rec	Feet of	%gas	%oil	%water	%mud
<u>31</u>	<u>CGO</u>	<u>30</u>	<u>70</u>		
<u>217</u>	<u>SMCGO</u>	<u>50</u>	<u>40</u>		<u>10</u>
<u>124</u>	<u>mcgo</u>	<u>40</u>	<u>40</u>		<u>20</u>
	<u>800' GAS IN PIPE</u>				
Rec Total	<u>372'</u>	BHT	<u>125"</u>	Gravity	<u>35</u>

(A) Initial Hydrostatic 2203  Test 1250 T-On Location 12:00  
 (B) First Initial Flow 43  Jars 250 T-Started 12:12  
 (C) First Final Flow 111  Safety Joint 75 T-Open 14:25  
 (D) Initial Shut-In 505  Circ Sub N/A T-Pulled 18:25  
 (E) Second Initial Flow 129  Hourly Standby \_\_\_\_\_ T-Out 22:15  
 (F) Second Final Flow 134  Mileage 22 RT 34.10 Comments \_\_\_\_\_  
 (G) Final Shut-In 277  Sampler 250 \_\_\_\_\_  
 (H) Final Hydrostatic 2147  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 60  Day Standby \_\_\_\_\_ Total 1859.10  
 Final Flow 60  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 90 Sub Total 1859.10

Approved By [Signature] Our Representative [Signature]

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# TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 59072 Date 6-22-14  
 Company Name Stelbar Oil Corp Inc. (Marmaton)  
 Lease Schroder #2-14 Test No. #3 (4419-4424) 25' Anchor  
 County Scott, KS Sec. 14 Twp. 17S Rng. 33W

### SAMPLER RECOVERY

Gas 1.3 cubic ft ML  
 Oil 900 ML  
 Mud 200 ML  
 Water            ML  
 Other            ML  
 Pressure 230 PSI ~~ML~~  
 Total 200 ml mud 900 ml Oil ML  
1.3 cubic ft GAS

### PIT MUD ANALYSIS

Chlorides 5000 ppm.  
 Resistivity .898 ohms @ 95° F  
 Viscosity 49  
 Mud Weight  9.3  
 Filtrate 8.8  
 Other LCM #1/2

### SAMPLER ANALYSIS

~~Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F~~  
~~Chlorides \_\_\_\_\_ ppm.~~  
 Gravity 35 corrected @ 60F

### PIPE RECOVERY

~~TOP  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.~~  
~~MIDDLE  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.~~  
~~BOTTOM  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.~~

*Handwritten note: NO WATER*



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 59073

Well Name & No. Schroder #2-14 Test No. #4 Date 6-23-14  
 Company Stelbar Oil Corp Inc. Elevation 3030 KB 309 GL  
 Address 1625 N. Waterfront Pkwy, Wichita, KS 67206-6602  
 Co. Rep / Geo. Dave Caldwell Rig Sealing #2  
 Location: Sec. 14 Twp. 17S Rge. 33W Co. Scott State Ks

Interval Tested 4604 4670 Zone Tested Johnson  
 Anchor Length 66 Drill Pipe Run 4331' Mud Wt. 9.4  
 Top Packer Depth 4599 Drill Collars Run 248 Vis 54  
 Bottom Packer Depth 4604 Wt. Pipe Run          WL 8.8  
 Total Depth 4670 Chlorides 1000 ppm System LCM Tr

Blow Description B.O.B. in 7 min.  
3" in Return blow  
B.O.B. in 2 min.  
5" in Return blow.

Rec	Feet of	%gas	%oil	%water	%mud
107	gocms	20	30	50	
124	gmcms	30	60	10	
62	ago	30	70		
62	smcgo	55	40	5	
	1565' Gas in Pipe				

Rec Total 355 BHT 128° Gravity 30 API RW @ F Chlorides          ppm

(A) Initial Hydrostatic 2347  Test 1250 T-On Location 12:25  
 (B) First Initial Flow 36  Jars 250 T-Started 12:40  
 (C) First Final Flow 104  Safety Joint 75 T-Open 15:03  
 (D) Initial Shut-In 1025  Circ Sub n/c T-Pulled 19:03  
 (E) Second Initial Flow 94  Hourly Standby          T-Out 21:45  
 (F) Second Final Flow 147  Mileage 22.5 34.10 Comments Released @  
 (G) Final Shut-In 1022  Sampler 250 Tram. 6/24/14  
 (H) Final Hydrostatic 2284  Straddle           Ruined Shale Packer           
 Shale Packer           Ruined Packer         

Initial Open 30  Extra Packer           Extra Copies           
 Initial Shut-In 60  Extra Recorder          Sub Total 0  
 Final Flow 60  Day Standby          Total 1859.10  
 Final Shut-In 90  Accessibility          MP/DST Disc't           
 Sub Total 1859.10

Approved By [Signature] Our Representative [Signature]

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# TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 59673 Date 6-23-14

Company Name Stelbar Oil Corp Inc.

Lease Schroder # 2-14 Test No. #1 (4604-4670) Johnson

County Scott, Ks Sec. 14 Twp. 17S Rng. BW

### SAMPLER RECOVERY

Gas 0.7 cubic ft  ML

Oil 1450 ML

Mud Trace ML

Water \_\_\_\_\_ ML

Other \_\_\_\_\_ ML

Pressure 620 PSI  ML

Total 1450 ml Oil / 0.7 cubic ft Gas ML  
Trace of Mud

### PIT MUD ANALYSIS

Chlorides 6000 ppm.

Resistivity .893 ohms @ 80° F

Viscosity 54

Mud Weight 9.4

Filtrate 0.8

Other LCM Trace

### SAMPLER ANALYSIS

Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F

Chlorides \_\_\_\_\_ ppm.

Gravity 30 corrected @ 60F

### PIPE RECOVERY

~~TOP Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F~~

~~Chlorides \_\_\_\_\_ ppm.~~

~~MIDDLE Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F~~

~~Chlorides \_\_\_\_\_ ppm.~~

~~BOTTOM Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F~~

~~Chlorides \_\_\_\_\_ ppm.~~