



## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp. Inc.**

1625 N Waterfront Pkwy  
Suite 200  
Wichita, KS 672066+6602

ATTN: Dave Goldak

**JT Vonlintel # 1-5**

**5-17S-22W Ness,KS**

Start Date: 2017.09.24 @ 18:40:00

End Date: 2017.09.25 @ 01:02:02

Job Ticket #: 62646                      DST #: 1

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

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**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Stelbar Oil Corp. Inc.  
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 ATTN: Dave Goldak

**5-17S-22W Ness,KS**

**JT Vonlintel # 1-5**

Job Ticket: 62646

**DST#: 1**

Test Start: 2017.09.24 @ 18:40:00

## GENERAL INFORMATION:

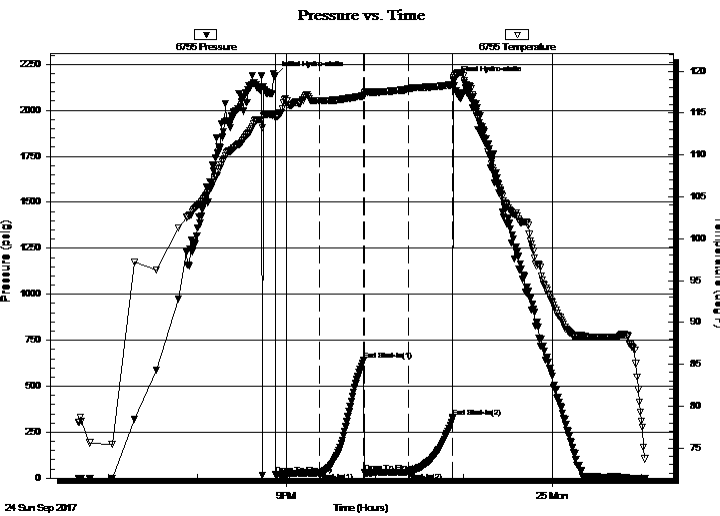
Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:52:47  
 Time Test Ended: 01:02:02  
 Interval: **4373.00 ft (KB) To 4410.00 ft (KB) (TVD)**  
 Total Depth: 4410.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Swinney  
 Unit No: 72  
 Reference Elevations: 2397.00 ft (KB)  
 2392.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 6755

Inside

Press@RunDepth: 32.66 psig @ 4374.00 ft (KB) Capacity: psig  
 Start Date: 2017.09.24 End Date: 2017.09.25 Last Calib.: 2017.09.25  
 Start Time: 18:40:01 End Time: 01:02:02 Time On Btm: 2017.09.24 @ 20:52:32  
 Time Off Btm: 2017.09.24 @ 22:53:17

TEST COMMENT: IFP 30 Minutes Blow built to 1/4" then died in 20 minutes  
 ISI 30 Minutes No blow back  
 FFP 30 Minutes Dead no blow  
 FSI 30 Minutes No blow back



## PRESSURE SUMMARY

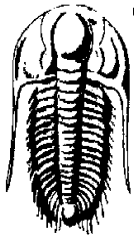
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2187.29	114.73	Initial Hydro-static
1	19.50	114.41	Open To Flow (1)
31	29.15	116.52	Shut-In(1)
60	639.11	117.09	End Shut-In(1)
61	32.46	117.18	Open To Flow (2)
90	32.66	117.86	Shut-In(2)
120	328.43	118.43	End Shut-In(2)
121	2159.10	119.23	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	OCM Oil 5% Mud 95%	0.29
5.00	MCO Mud 20% Oil 80%	0.07

## Gas Rates

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



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ATTN: Dave Goldak

**5-17S-22W Ness,KS**

**JT Vonlintel # 1-5**

Job Ticket: 62646

**DST#: 1**

Test Start: 2017.09.24 @ 18:40:00

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:52:47

Time Test Ended: 01:02:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72

**Interval: 4373.00 ft (KB) To 4410.00 ft (KB) (TVD)**

Reference Elevations: 2397.00 ft (KB)

Total Depth: 4410.00 ft (KB) (TVD)

2392.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8322 Outside**

Press@RunDepth: 329.99 psig @ 4375.00 ft (KB)

Capacity: psig

Start Date: 2017.09.24

End Date:

2017.09.25

Last Calib.:

2017.09.25

Start Time: 18:40:01

End Time:

01:02:02

Time On Btm:

2017.09.24 @ 20:52:17

Time Off Btm:

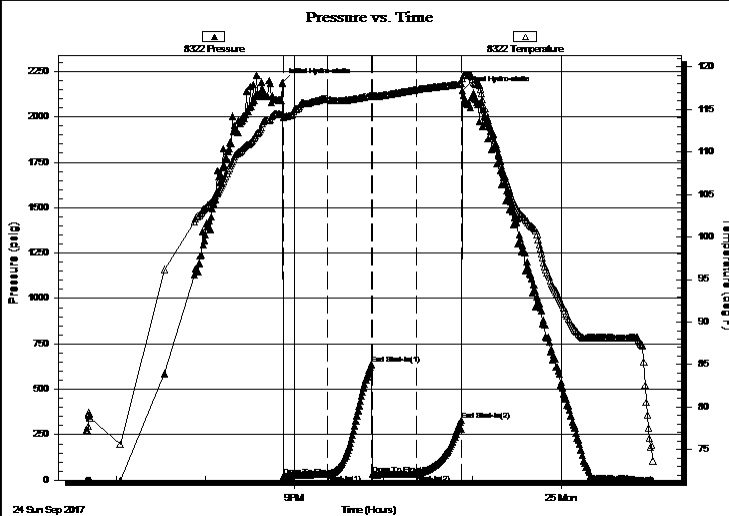
2017.09.24 @ 22:53:32

**TEST COMMENT:** IFP 30 Minutes Blow built to 1/4" then died in 20 minutes

ISI 30 Minutes No blow back

FFP 30 Minutes Dead no blow

FSI 30 Minutes No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2186.45	114.37	Initial Hydro-static
1	21.13	114.00	Open To Flow (1)
31	30.84	116.22	Shut-In(1)
60	640.74	116.58	End Shut-In(1)
61	33.85	116.57	Open To Flow (2)
91	34.05	117.33	Shut-In(2)
121	329.99	118.04	End Shut-In(2)
122	2145.46	118.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	OCM Oil 5% Mud 95%	0.29
5.00	MCO Mud 20% Oil 80%	0.07

## 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  
Suite 200  
Wichita, KS 672066+6602  
ATTN: Dave Goldak

**5-17S-22W Ness,KS**  
**JT Vonlintel # 1-5**  
Job Ticket: 62646      **DST#: 1**  
Test Start: 2017.09.24 @ 18:40:00

**Tool Information**

Drill Pipe:	Length: 4341.00 ft	Diameter: 3.80 inches	Volume: 60.89 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 61.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4373.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	67.00 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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Shut-In Tool	5.00			4348.00	
Sampler	3.00			4351.00	
Hydraulic tool	5.00			4356.00	
Jars	5.00			4361.00	
Safety Joint	2.00			4363.00	
Top Packer	5.00			4368.00	
Packer	5.00			4373.00	30.00 Bottom Of Top Packer
Recorder	1.00	6755	Inside	4374.00	
Recorder	1.00	8322	Outside	4375.00	
Anchor	32.00			4407.00	
Bullnose	3.00			4410.00	37.00 Anchor Tool

**Total Tool Length: 67.00**



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TESTING, INC.**

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**FLUID SUMMARY**

Stelbar Oil Corp. Inc.

**5-17S-22W Ness,KS**

1625 N Waterfront Pkw y  
Suite 200  
Wichita, KS 672066+6602  
ATTN: Dave Goldak

**JT Vonlintel # 1-5**

Job Ticket: 62646

**DST#: 1**

Test Start: 2017.09.24 @ 18:40:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.99 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	OCM Oil 5% Mud 95%	0.288
5.00	MCO Mud 20% Oil 80%	0.070

Total Length: 45.00 ft      Total Volume: 0.358 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

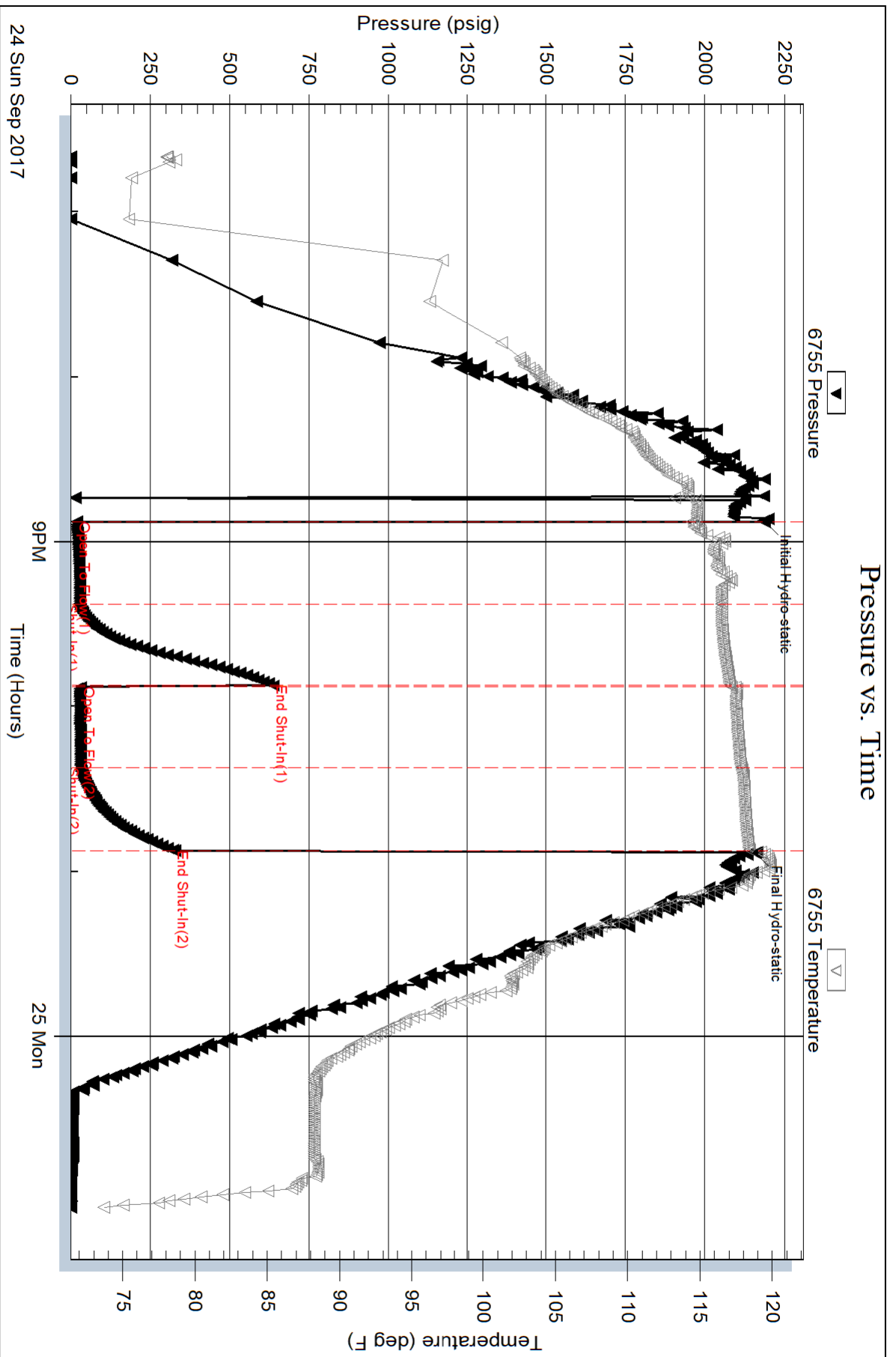
Serial #: 6755

Inside

Stelbar Oil Corp. Inc.

JT Vonlintel # 1-5

DST Test Number: 1

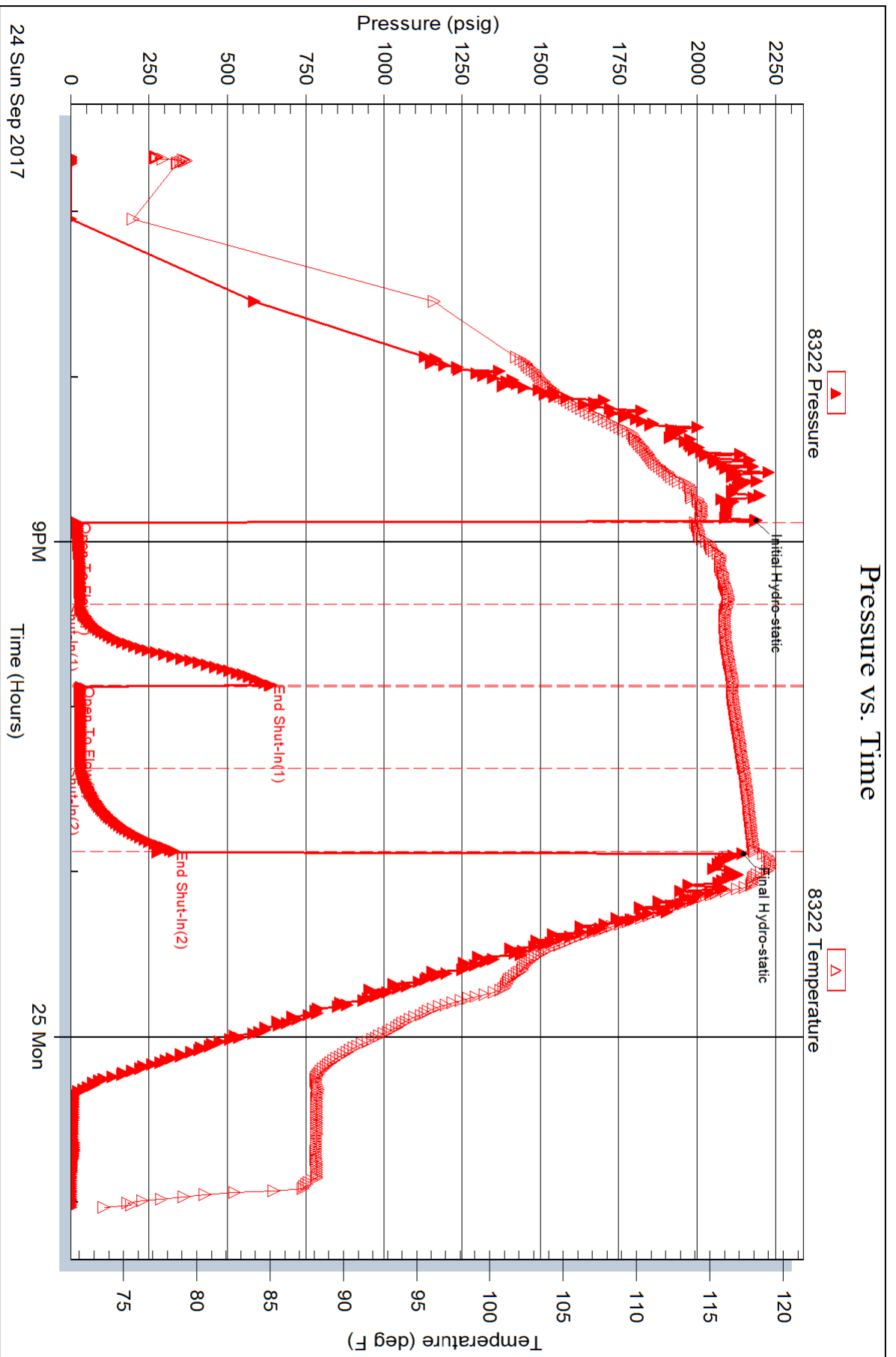


Serial #: 8322

Outside Stebar Oil Corp. Inc.

JT Vonlintel # 1-5

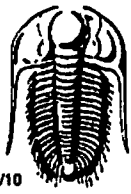
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 62646

Printed: 2017.09.26 @ 12:18:01



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO.

62646

Well Name & No. IT Vonlintel #1-5 Test No. 1 Date 27 Sep 17  
 Company Stelber Oil Corp Inc. Elevation 2397 KB 2392 GL  
 Address 1625 N Waterfront Parkway Suite 200 Wichita KS 67206+6602  
 Co. Rep / Geo. Dave Goldak Rig Muffin Rig 16  
 Location: Sec. 5 Twp. 17S Rge. 22W Co. Ness State KS

Interval Tested 4373-4410 Zone Tested Mississippi  
 Anchor Length 37 Drill Pipe Run 4341 Mud Wt. 9.3  
 Top Packer Depth 4368 Drill Collars Run 30 Vis 51  
 Bottom Packer Depth 4373 Wt. Pipe Run - WL 8.0  
 Total Depth 4410 Chlorides 3500 ppm System LCM 2#

Blow Description I.F. Blow built to 1/4 inch then died in 20 minutes  
I.S.I No blow back  
F.F. Dead no blow  
F.S.I No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>0.1 cut mud</u>	<u>5</u>	<u>5</u>	<u>95</u>	<u>95</u>
<u>5</u>	<u>Muddy 0.1</u>	<u>80</u>	<u>80</u>	<u>20</u>	<u>20</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total \_\_\_\_\_ BHT 118 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2187  Test 1150 T-On Location 5:30 pm  
 (B) First Initial Flow 19  Jars 250 T-Started 6:40 pm  
 (C) First Final Flow 29  Safety Joint 75 T-Open 8:53 pm  
 (D) Initial Shut-In 639  Circ Sub \_\_\_\_\_ T-Pulled 10:53 pm  
 (E) Second Initial Flow 32  Hourly Standby \_\_\_\_\_ T-Out 1:03 am  
 (F) Second Final Flow 32  Mileage 90 135 Comments \_\_\_\_\_  
 (G) Final Shut-In 328  Sampler 250 loaded tools 9/25 11:45  
 (H) Final Hydrostatic 2159  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1860  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1860

Approved By [Signature] Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of 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 for at cost by the party for whom the test is made.





# TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 62646 Date 24 Sep 17  
 Company Name Stelbar Oil Corp Inc  
 Lease JT Vanlintel #1-5 Test No. 1  
 County Ness Sec. 5 Twp. 17S Rng. 22W

### SAMPLER RECOVERY

Gas \_\_\_\_\_ ML  
 Oil 2000 ML  
 Mud 2000 ML  
 Water \_\_\_\_\_ ML  
 Other \_\_\_\_\_ ML  
 Pressure 80 psi ML  
 Total 3000 ML

### PIT MUD ANALYSIS

Chlorides 3500 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 51  
 Mud Weight 9.3  
 Filtrate 8.0  
 Other \_\_\_\_\_

### SAMPLER ANALYSIS

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

### PIPE RECOVERY

**TOP**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.

**MIDDLE**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.

**BOTTOM**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.