



## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy  
Wichita, KS 67206

ATTN: Dave Goldak

**J. Nuss #1-36**

**36-17s-32w Scott,KS**

Start Date: 2016.11.18 @ 00:55:35

End Date: 2016.11.18 @ 10:34:35

Job Ticket #: 65637                      DST #: 1

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

Printed: 2016.11.22 @ 09:02:47



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Stelbar Oil Corp  
1625 N Waterfront Pkw y  
Wichita, KS 67206  
ATTN: Dave Goldak

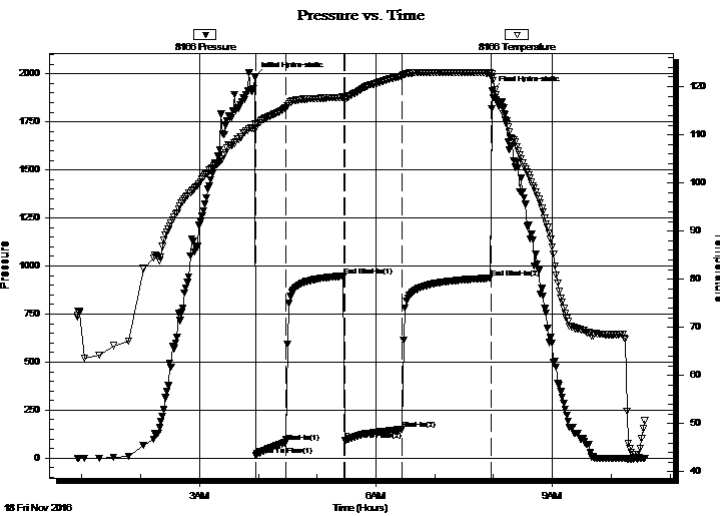
**36-17s-32w Scott,KS**  
**J. Nuss #1-36**  
Job Ticket: 65637 **DST#: 1**  
Test Start: 2016.11.18 @ 00:55:35

## GENERAL INFORMATION:

Formation: **LKC "B"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 03:57:05  
Time Test Ended: 10:34:35  
Interval: **3946.00 ft (KB) To 3970.00 ft (KB) (TVD)**  
Total Depth: 3970.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Brandon Turley  
Unit No: 79  
Reference Elevations: 2973.00 ft (KB)  
2962.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8166 Outside**  
Press@RunDepth: 149.93 psig @ 3947.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2016.11.18 End Date: 2016.11.18 Last Calib.: 2016.11.18  
Start Time: 00:55:40 End Time: 10:34:35 Time On Btm: 2016.11.18 @ 03:56:35  
Time Off Btm: 2016.11.18 @ 07:58:35

TEST COMMENT: IF: 1/4" blow built to 7"  
IS: No return.  
FF: BOB in 56 min.  
FS: Surface blow built to 1 in 90 min.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1984.25	112.27	Initial Hydro-static
1	16.41	111.36	Open To Flow (1)
31	82.58	115.54	Shut-In(1)
91	948.13	117.82	End Shut-In(1)
92	91.39	117.56	Open To Flow (2)
150	149.93	122.21	Shut-In(2)
241	937.05	122.85	End Shut-In(2)
242	1911.01	121.87	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
186.00	gocm 10%g 60%o 30%m	0.91
164.00	go 10%g 90%o	1.47
0.00	124 GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Stelbar Oil Corp  
1625 N Waterfront Pkw y  
Wichita, KS 67206  
ATTN: Dave Goldak

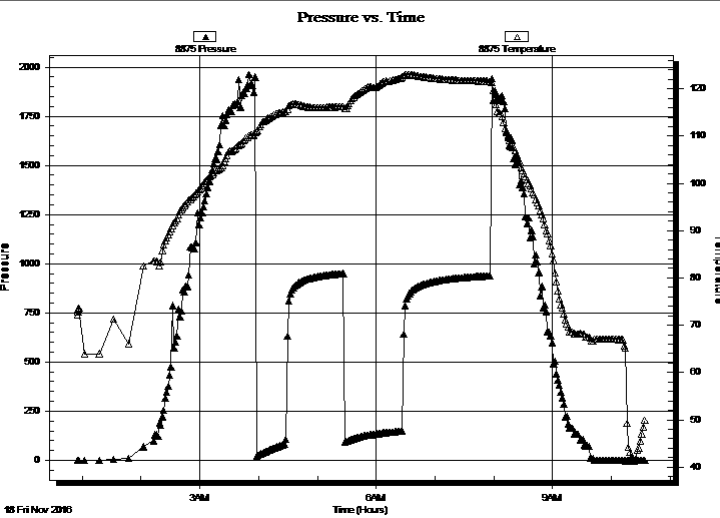
**36-17s-32w Scott,KS**  
**J. Nuss #1-36**  
Job Ticket: 65637 **DST#: 1**  
Test Start: 2016.11.18 @ 00:55:35

## GENERAL INFORMATION:

Formation: **LKC "B"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 03:57:05  
Time Test Ended: 10:34:35  
Interval: **3946.00 ft (KB) To 3970.00 ft (KB) (TVD)**  
Total Depth: 3970.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Brandon Turley  
Unit No: 79  
Reference Elevations: 2973.00 ft (KB)  
2962.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8875 Inside**  
Press@RunDepth: psig @ 3947.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2016.11.18 End Date: 2016.11.18 Last Calib.: 2016.11.18  
Start Time: 00:55:22 End Time: 10:34:17 Time On Btm:  
Time Off Btm:

TEST COMMENT: IF: 1/4" blow built to 7"  
IS: No return.  
FF: BOB in 56 min.  
FS: Surface blow built to 1 in 90 min.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
186.00	gocm 10%g 60%o 30%m	0.91
164.00	go 10%g 90%o	1.47
0.00	124 GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stelbar Oil Corp

**36-17s-32w Scott, KS**

1625 N Waterfront Pkwy  
Wichita, KS 67206

**J. Nuss #1-36**

Job Ticket: 65637

**DST#: 1**

ATTN: Dave Goldak

Test Start: 2016.11.18 @ 00:55:35

## Tool Information

Drill Pipe:	Length: 3645.00 ft	Diameter: 3.80 inches	Volume: 51.13 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: 30000.00 lb
Drill Collar:	Length: 277.00 ft	Diameter: 2.25 inches	Volume: 1.36 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 52.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3946.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			3918.00	
Shut In Tool	5.00			3923.00	
Sampler	2.00			3925.00	
Hydraulic tool	5.00			3930.00	
Jars	5.00			3935.00	
Safety Joint	2.00			3937.00	
Packer	5.00			3942.00	29.00 Bottom Of Top Packer
Packer	4.00			3946.00	
Stubb	1.00			3947.00	
Recorder	0.00	8875	Inside	3947.00	
Recorder	0.00	8166	Outside	3947.00	
Perforations	18.00			3965.00	
Bullnose	5.00			3970.00	24.00 Bottom Packers & Anchor

**Total Tool Length: 53.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stelbar Oil Corp

**36-17s-32w Scott,KS**

1625 N Waterfront Pkwy  
Wichita, KS 67206

**J. Nuss #1-36**

Job Ticket: 65637

**DST#: 1**

ATTN: Dave Goldak

Test Start: 2016.11.18 @ 00:55:35

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	gocm 10%g 60%o 30%m	0.915
164.00	go 10%g 90%o	1.472
0.00	124 GIP	0.000

Total Length: 350.00 ft      Total Volume: 2.387 bbl

Num Fluid Samples: 0

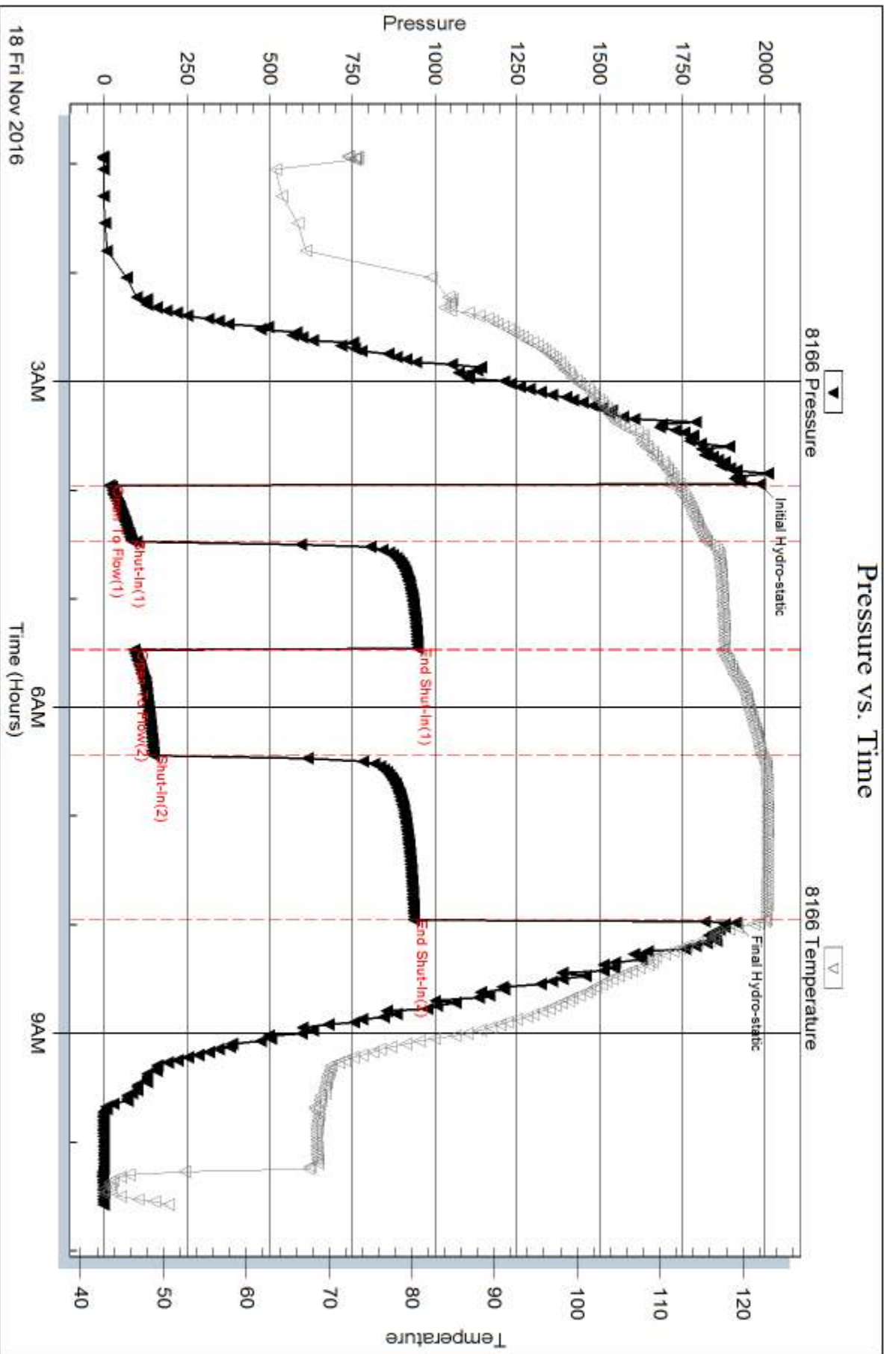
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 24@30=27



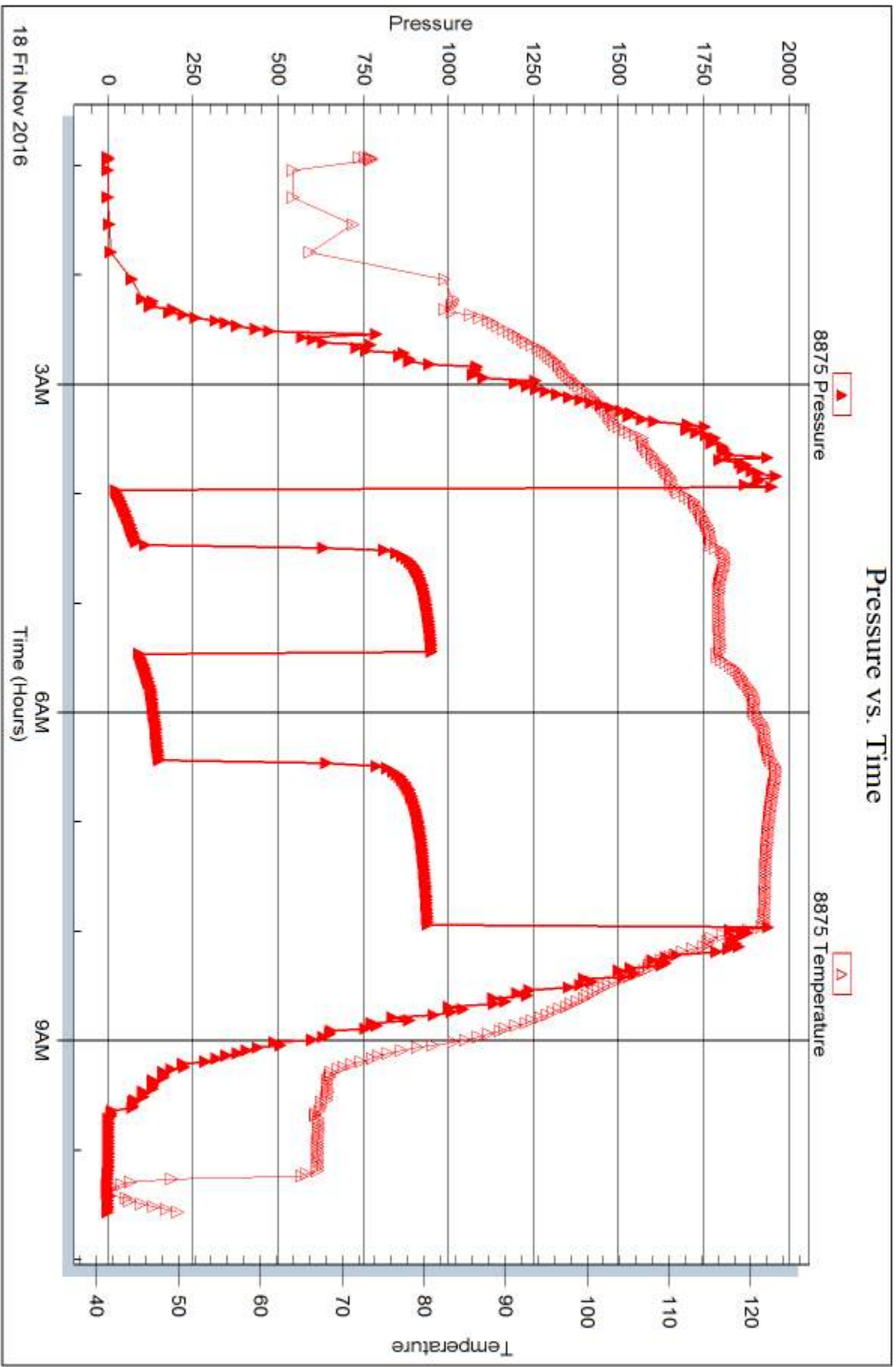
Serial #: 8875

Inside

Stelbar Oil Corp

J. Nuss #1-36

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy  
Wichita, KS 67206

ATTN: Dave Goldak

**J. Nuss #1-36**

**36-17s-32w Scott,KS**

Start Date: 2016.11.18 @ 18:51:49

End Date: 2016.11.19 @ 02:20:19

Job Ticket #: 65638                      DST #: 2

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

Printed: 2016.11.22 @ 09:00:57





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Stelbar Oil Corp  
 1625 N Waterfront Pkw y  
 Wichita, KS 67206  
 ATTN: Dave Goldak

**36-17s-32w Scott,KS**  
**J. Nuss #1-36**  
 Job Ticket: 65638 **DST#: 2**  
 Test Start: 2016.11.18 @ 18:51:49

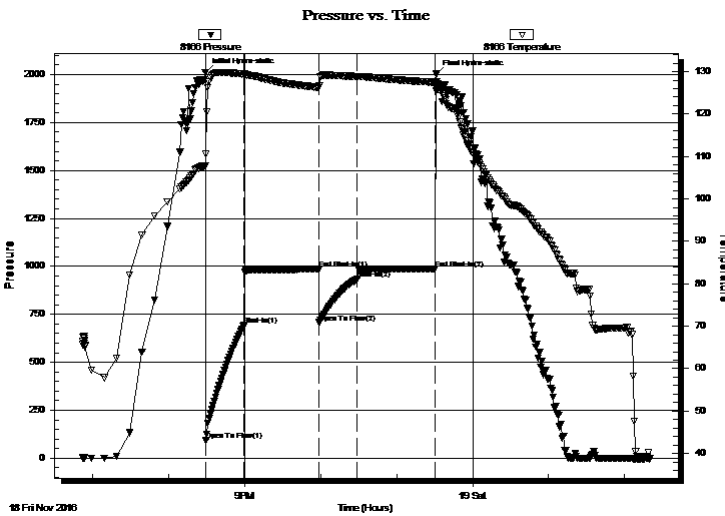
## GENERAL INFORMATION:

Formation: **LKC "C"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 20:29:19 Tester: Brandon Turley  
 Time Test Ended: 02:20:19 Unit No: 79  
 Interval: **3982.00 ft (KB) To 3994.00 ft (KB) (TVD)** Reference Elevations: 2973.00 ft (KB)  
 Total Depth: 3994.00 ft (KB) (TVD) 2962.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

**Serial #: 8166 Outside**  
 Press@RunDepth: 934.16 psig @ 3983.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.11.18 End Date: 2016.11.19 Last Calib.: 2016.11.19  
 Start Time: 18:51:54 End Time: 02:20:18 Time On Btm: 2016.11.18 @ 20:28:49  
 Time Off Btm: 2016.11.18 @ 23:31:19

TEST COMMENT: IF: BOB in 2 min.  
 IS: No return.  
 FF: BOB in 3 min.  
 FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2011.53	107.82	Initial Hydro-static
1	93.81	110.54	Open To Flow (1)
31	692.15	129.39	Shut-In(1)
90	984.87	126.29	End Shut-In(1)
90	707.20	126.69	Open To Flow (2)
120	934.16	128.85	Shut-In(2)
182	986.39	127.47	End Shut-In(2)
183	2002.08	126.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1302.00	water 100%w	15.74
330.00	nw oil spots on top 50%w 50%m	4.63

\* 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

**36-17s-32w Scott, KS**

1625 N Waterfront Pkwy  
Wichita, KS 67206

**J. Nuss #1-36**

Job Ticket: 65638

**DST#: 2**

ATTN: Dave Goldak

Test Start: 2016.11.18 @ 18:51:49

## Tool Information

Drill Pipe:	Length: 3706.00 ft	Diameter: 3.80 inches	Volume: 51.99 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: 30000.00 lb
Drill Collar:	Length: 277.00 ft	Diameter: 2.25 inches	Volume: 1.36 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 53.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3982.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			3954.00	
Shut In Tool	5.00			3959.00	
Sampler	2.00			3961.00	
Hydraulic tool	5.00			3966.00	
Jars	5.00			3971.00	
Safety Joint	2.00			3973.00	
Packer	5.00			3978.00	29.00 Bottom Of Top Packer
Packer	4.00			3982.00	
Stubb	1.00			3983.00	
Recorder	0.00	8875	Inside	3983.00	
Recorder	0.00	8166	Outside	3983.00	
Perforations	6.00			3989.00	
Bullnose	5.00			3994.00	12.00 Bottom Packers & Anchor

**Total Tool Length: 41.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Stelbar Oil Corp

**36-17s-32w Scott,KS**

1625 N Waterfront Pkwy  
Wichita, KS 67206

**J. Nuss #1-36**

Job Ticket: 65638

**DST#: 2**

ATTN: Dave Goldak

Test Start: 2016.11.18 @ 18:51:49

### 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:

38000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1302.00	water 100%w	15.740
330.00	mw oil spots on top 50%w 50%m	4.629

Total Length: 1632.00 ft      Total Volume: 20.369 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .33@41=38000



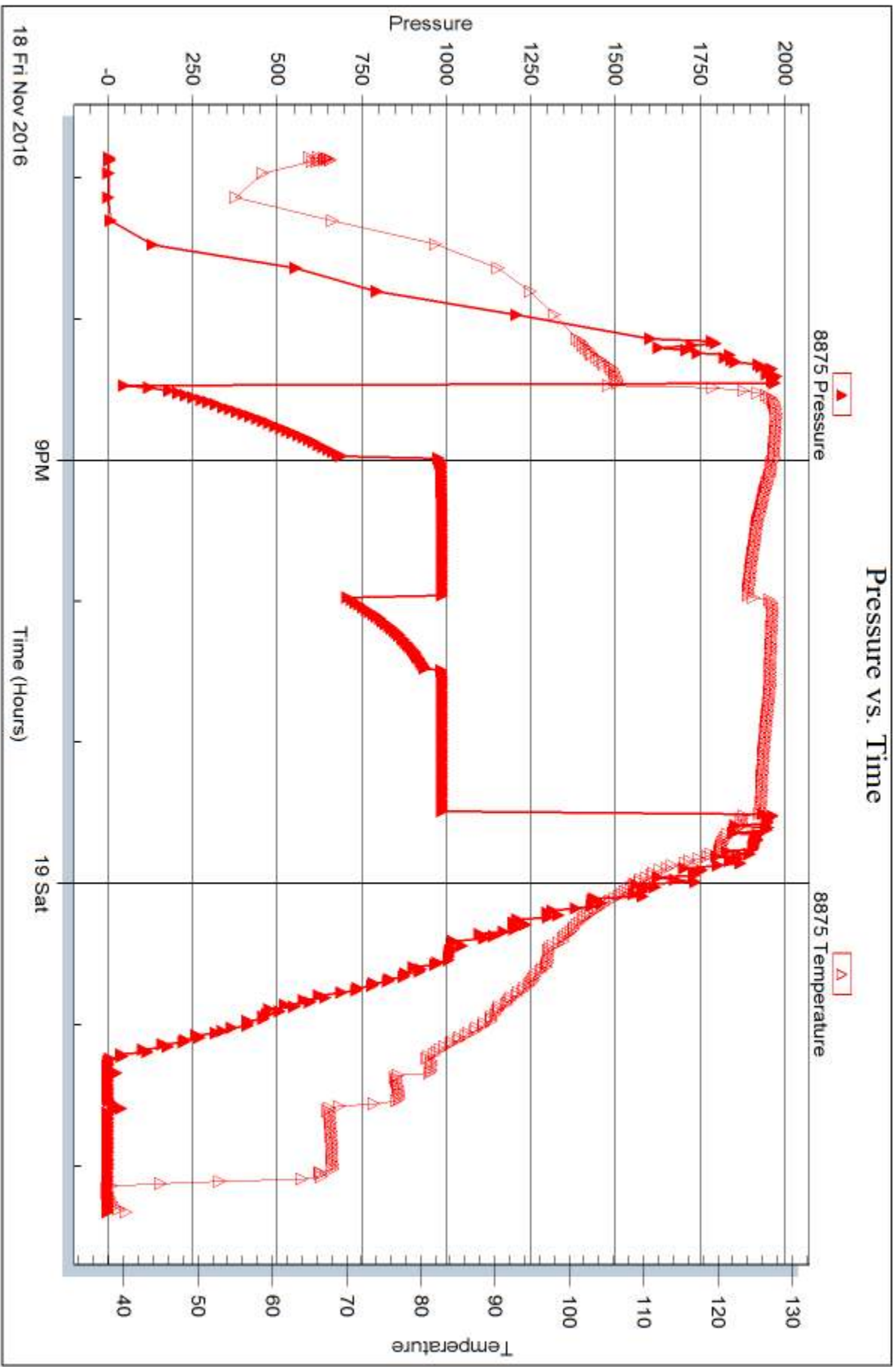
Serial #: 8875

Inside

Stelbar Oil Corp

J. Nuss #1-36

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy  
Wichita, KS 67206

ATTN: Dave Goldak

**J. Nuss #1-36**

**36-17s-32w Scott,KS**

Start Date: 2016.11.19 @ 23:39:43

End Date: 2016.11.20 @ 08:18:43

Job Ticket #: 65639                      DST #: 3

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

Printed: 2016.11.22 @ 08:59:44



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Stelbar Oil Corp  
 1625 N Waterfront Pkw y  
 Wichita, KS 67206  
 ATTN: Dave Goldak

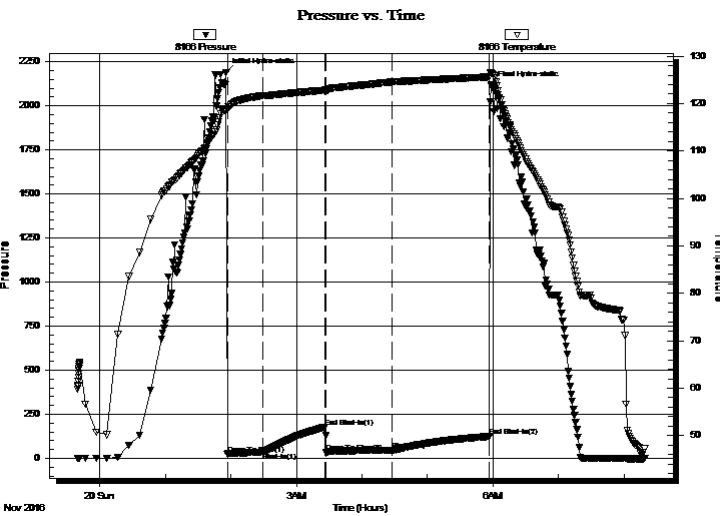
**36-17s-32w Scott,KS**  
**J. Nuss #1-36**  
 Job Ticket: 65639 **DST#: 3**  
 Test Start: 2016.11.19 @ 23:39:43

## GENERAL INFORMATION:

Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 01:56:43  
 Time Test Ended: 08:18:43  
 Interval: **4286.00 ft (KB) To 4340.00 ft (KB) (TVD)**  
 Total Depth: 4340.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brandon Turley  
 Unit No: 79  
 Reference Elevations: 2973.00 ft (KB)  
 2962.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 8166 Outside**  
 Press@RunDepth: 45.73 psig @ 4287.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.11.19 End Date: 2016.11.20 Last Calib.: 2016.11.20  
 Start Time: 23:39:48 End Time: 08:18:43 Time On Btm: 2016.11.20 @ 01:55:43  
 Time Off Btm: 2016.11.20 @ 05:58:13

**TEST COMMENT:** IF: 1/4" blow built to 7" in 30 min.  
 IS: No return.  
 FF: Surface blow blow to 9" in 60 min.  
 FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2189.28	118.56	Initial Hydro-static
1	22.50	118.69	Open To Flow (1)
34	34.10	121.67	Shut-In(1)
91	175.81	122.81	End Shut-In(1)
92	31.87	122.78	Open To Flow (2)
152	45.73	124.56	Shut-In(2)
241	123.83	125.64	End Shut-In(2)
243	2116.38	126.56	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	gocm 10%g 10%o 80%m	0.30
0.00	310 GIP	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

**36-17s-32w Scott,KS**

1625 N Waterfront Pkwy  
Wichita, KS 67206

**J. Nuss #1-36**

Job Ticket: 65639

**DST#: 3**

ATTN: Dave Goldak

Test Start: 2016.11.19 @ 23:39:43

## Tool Information

Drill Pipe:	Length: 3989.00 ft	Diameter: 3.80 inches	Volume: 55.96 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: 30000.00 lb
Drill Collar:	Length: 277.00 ft	Diameter: 2.25 inches	Volume: 1.36 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.32 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4286.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	83.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4258.00	
Shut In Tool	5.00			4263.00	
Sampler	2.00			4265.00	
Hydraulic tool	5.00			4270.00	
Jars	5.00			4275.00	
Safety Joint	2.00			4277.00	
Packer	5.00			4282.00	29.00 Bottom Of Top Packer
Packer	4.00			4286.00	
Stubb	1.00			4287.00	
Recorder	0.00	8875	Inside	4287.00	
Recorder	0.00	8166	Outside	4287.00	
Perforations	14.00			4301.00	
Change Over Sub	1.00			4302.00	
Drill Pipe	32.00			4334.00	
Change Over Sub	1.00			4335.00	
Bullnose	5.00			4340.00	54.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>83.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Stelbar Oil Corp

**36-17s-32w Scott,KS**

1625 N Waterfront Pkwy  
Wichita, KS 67206

**J. Nuss #1-36**

Job Ticket: 65639

**DST#: 3**

ATTN: Dave Goldak

Test Start: 2016.11.19 @ 23:39:43

### 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 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
62.00	gocm 10%g 10%o 80%m	0.305
0.00	310 GIP	0.000

Total Length: 62.00 ft      Total Volume: 0.305 bbl

Num Fluid Samples: 0

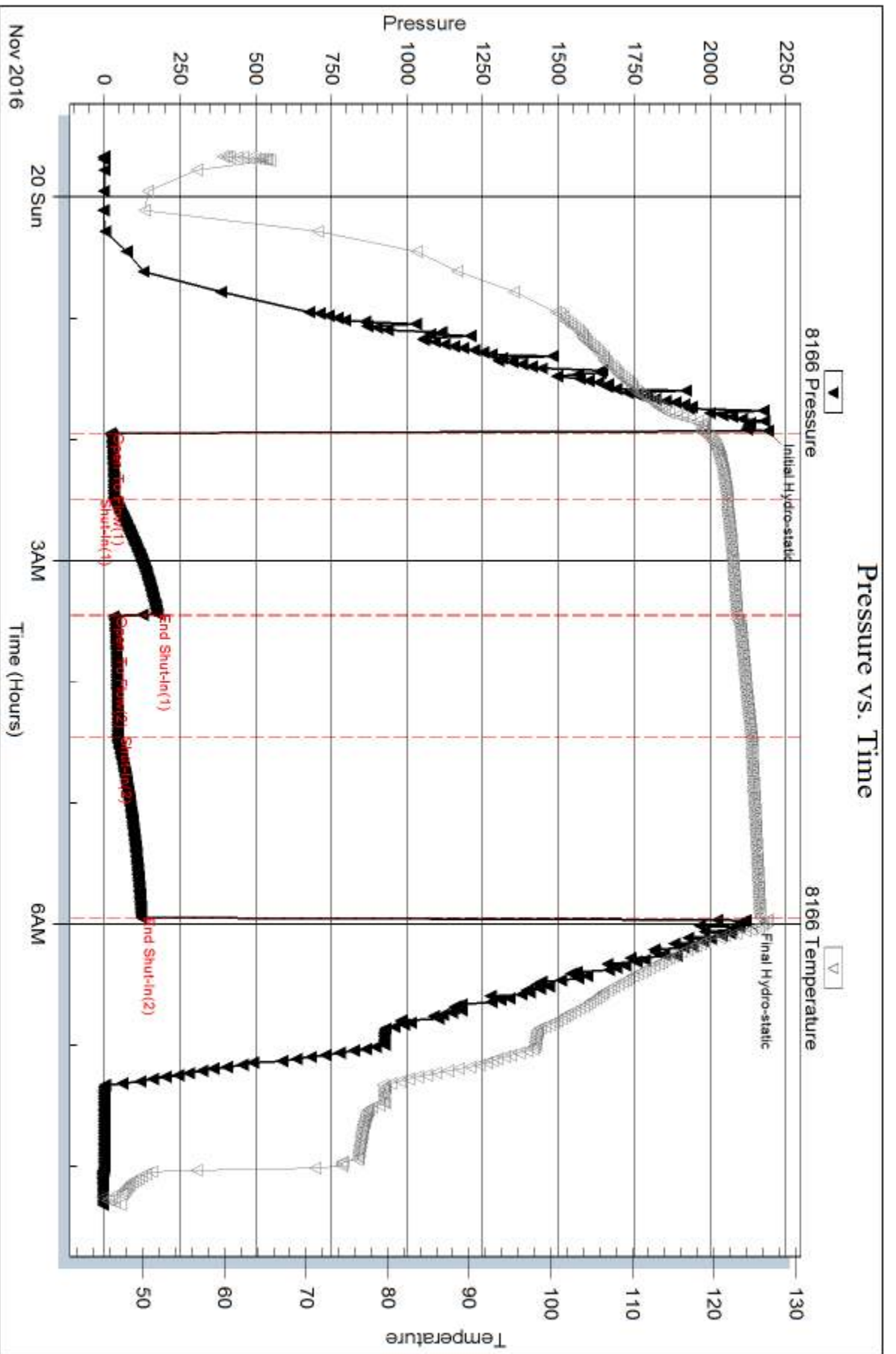
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



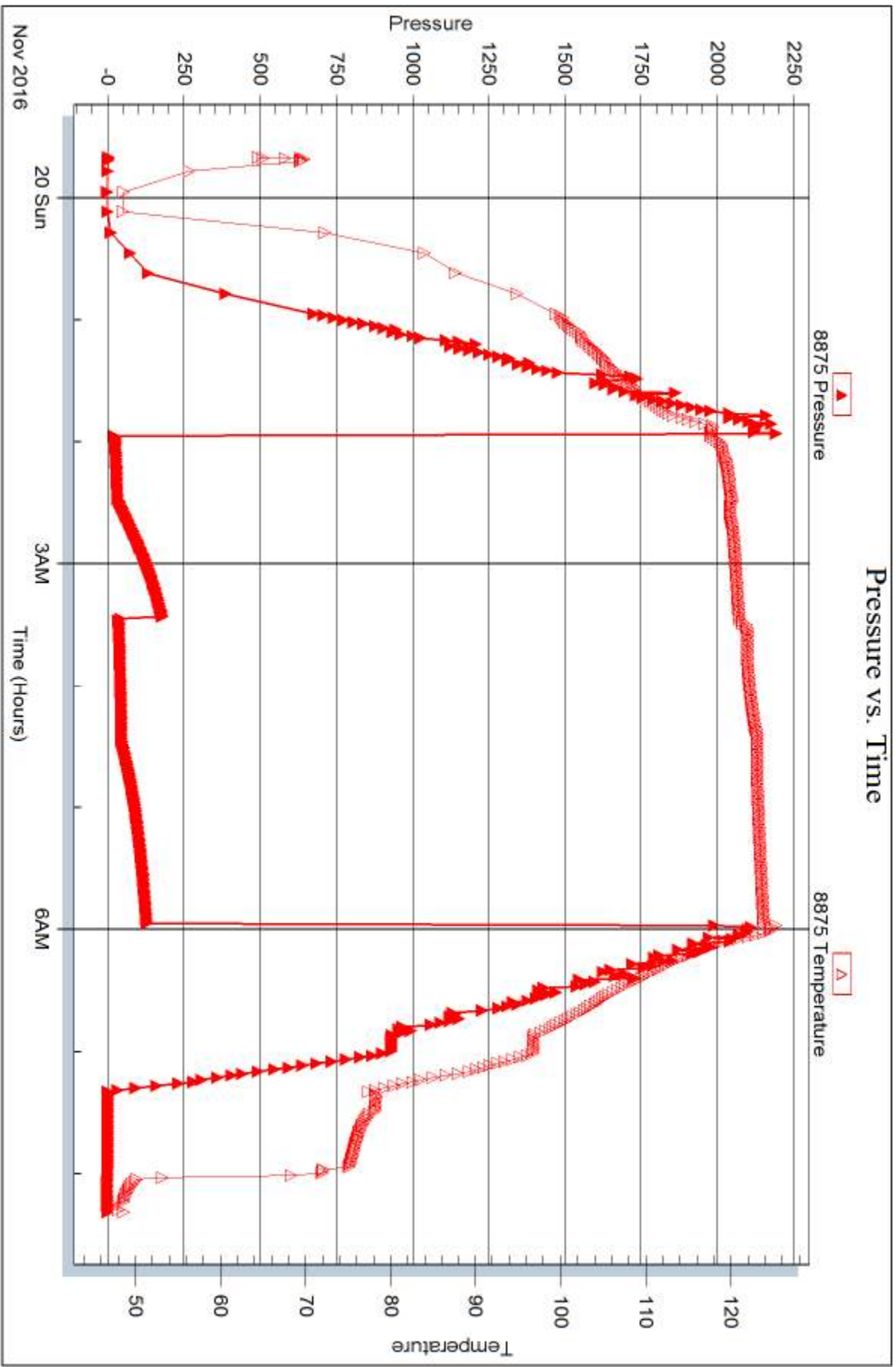
Serial #: 8875

Inside

Stellar Oil Corp

J. Nuss #1-36

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 65639

Printed: 2016.11.22 @ 08:59:46



## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy  
Wichita, KS 67206

ATTN: Dave Goldak

**J. Nuss #1-36**

**36-17s-32w Scott,KS**

Start Date: 2016.11.20 @ 19:43:48

End Date: 2016.11.21 @ 05:26:18

Job Ticket #: 65640                      DST #: 4

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

Printed: 2016.11.22 @ 08:58:22



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Stelbar Oil Corp  
 1625 N Waterfront Pkw y  
 Wichita, KS 67206  
 ATTN: Dave Goldak

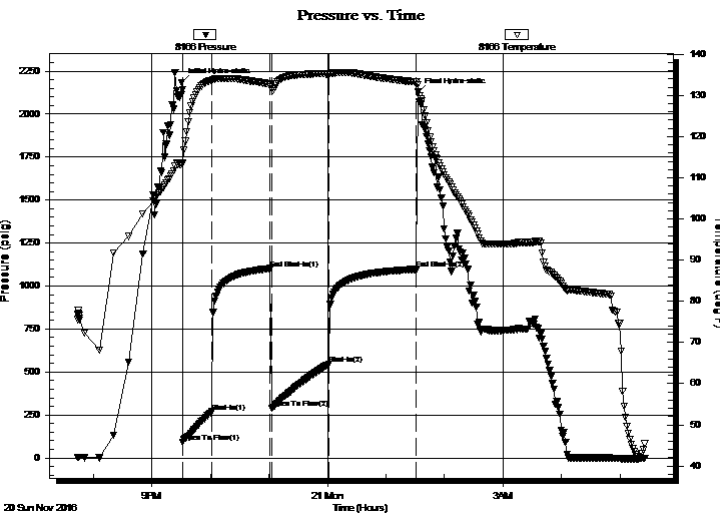
**36-17s-32w Scott,KS**  
**J. Nuss #1-36**  
 Job Ticket: 65640 **DST#: 4**  
 Test Start: 2016.11.20 @ 19:43:48

## GENERAL INFORMATION:

Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 21:31:48  
 Time Test Ended: 05:26:18  
 Interval: **4340.00 ft (KB) To 4424.00 ft (KB) (TVD)**  
 Total Depth: 4424.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brandon Turley  
 Unit No: 79  
 Reference Elevations: 2973.00 ft (KB)  
 2962.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 8166 Outside**  
 Press@RunDepth: 546.77 psig @ 4341.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.11.20 End Date: 2016.11.21 Last Calib.: 2016.11.21  
 Start Time: 19:43:53 End Time: 05:26:18 Time On Btm: 2016.11.20 @ 21:30:48  
 Time Off Btm: 2016.11.21 @ 01:32:48

**TEST COMMENT:** IF: BOB in 1 1/2 min.  
 IS: BOB in 8 min.  
 FF: BOB in 2 min. Gas to surface in 45 min.  
 FS: BOB in 12 min.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.74	113.35	Initial Hydro-static
1	89.83	113.54	Open To Flow (1)
31	268.10	133.65	Shut-In(1)
91	1101.37	132.70	End Shut-In(1)
92	288.80	131.52	Open To Flow (2)
151	546.77	135.20	Shut-In(2)
241	1097.40	133.22	End Shut-In(2)
242	2128.09	132.62	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	gocm 40%g 20%o 40%m	0.61
1388.00	go 30%g 70%o	18.08

\* 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

**36-17s-32w Scott, KS**

1625 N Waterfront Pkwy  
Wichita, KS 67206

**J. Nuss #1-36**

Job Ticket: 65640

**DST#: 4**

ATTN: Dave Goldak

Test Start: 2016.11.20 @ 19:43:48

## Tool Information

Drill Pipe:	Length: 4051.00 ft	Diameter: 3.80 inches	Volume: 56.82 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: 30000.00 lb
Drill Collar:	Length: 277.00 ft	Diameter: 2.25 inches	Volume: 1.36 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 58.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4340.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	84.00 ft			
Tool Length:	113.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Stubb	1.00			4312.00	
Shut In Tool	5.00			4317.00	
Sampler	2.00			4319.00	
Hydraulic tool	5.00			4324.00	
Jars	5.00			4329.00	
Safety Joint	2.00			4331.00	
Packer	5.00			4336.00	29.00 Bottom Of Top Packer
Packer	4.00			4340.00	
Stubb	1.00			4341.00	
Recorder	0.00	8875	Inside	4341.00	
Recorder	0.00	8166	Outside	4341.00	
Perforations	13.00			4354.00	
Change Over Sub	1.00			4355.00	
Drill Pipe	63.00			4418.00	
Change Over Sub	1.00			4419.00	
Bullnose	5.00			4424.00	84.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>113.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Stelbar Oil Corp

**36-17s-32w Scott,KS**

1625 N Waterfront Pkw y  
Wichita, KS 67206

**J. Nuss #1-36**

Job Ticket: 65640

**DST#: 4**

ATTN: Dave Goldak

Test Start: 2016.11.20 @ 19:43:48

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	gocm 40%g 20%o 40%m	0.610
1388.00	go 30%g 70%o	18.076

Total Length: 1512.00 ft      Total Volume: 18.686 bbl

Num Fluid Samples: 0

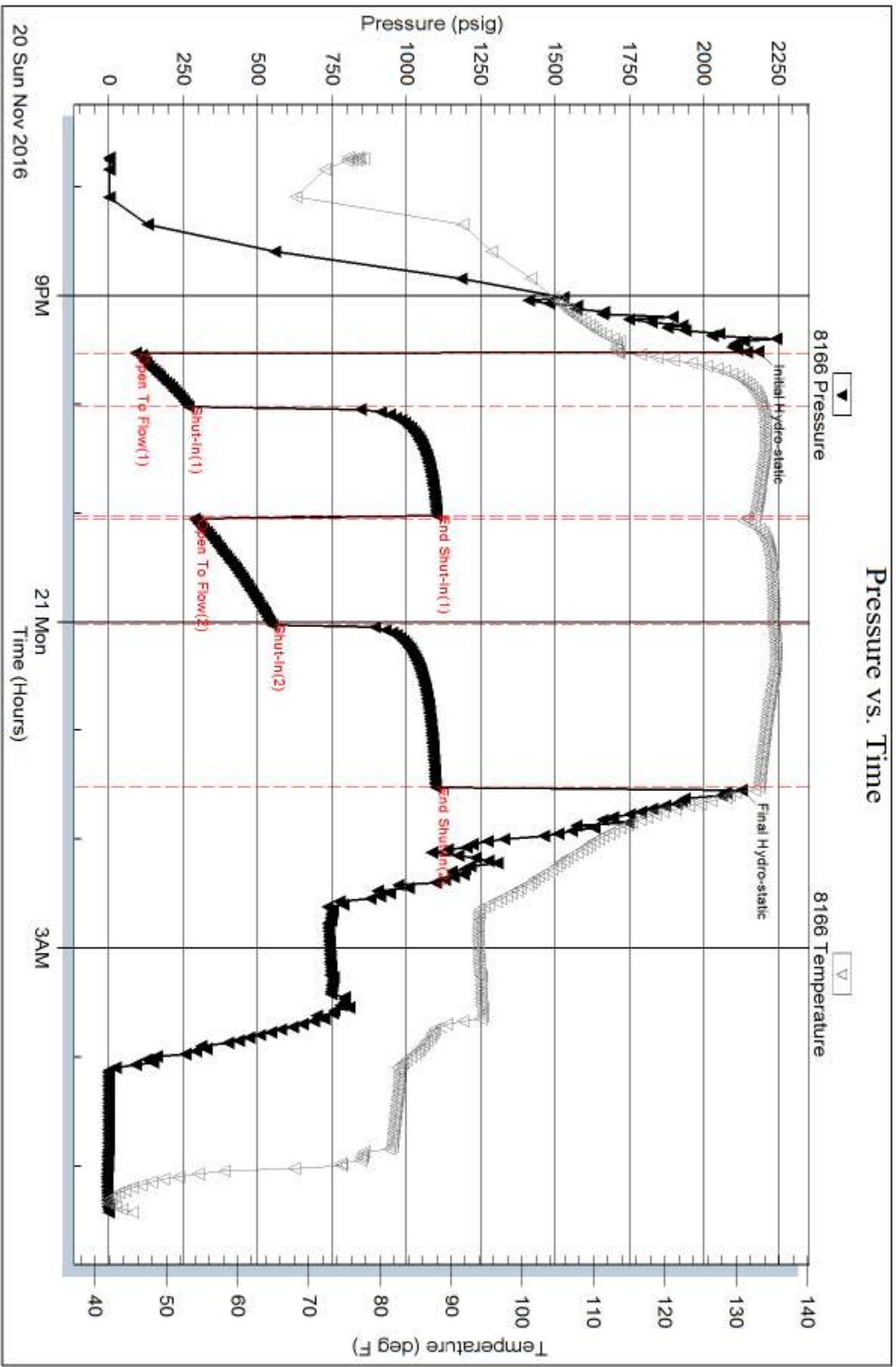
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 28@50=29



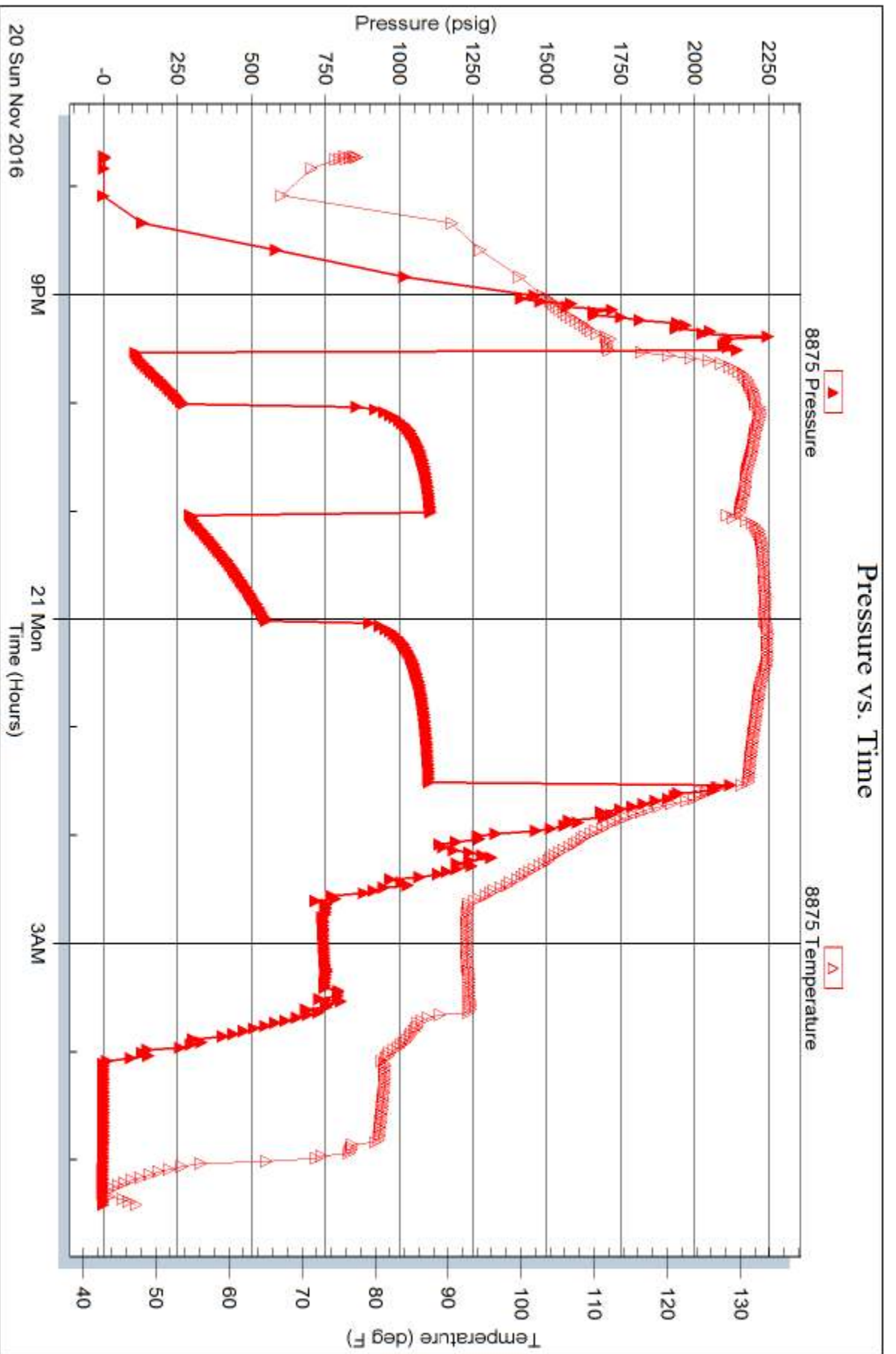
Serial #: 8875

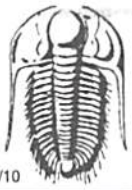
Inside

Stellar Oil Corp

J. Nuss #1-36

DST Test Number: 4





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65637**

Well Name & No. J. Nuss #1-36 Test No. 1 Date 11-17-16  
 Company Stelbyr Oil Corp Elevation 2973 KB 2962 GL  
 Address 1625 N Waterfront Pkwy Wichita, KS 67206  
 Co. Rep / Geo. Dave Goldyk Rig Murfin 21  
 Location: Sec. 36 Twp. 17S Rge. 32W Co. Scott State KS

Interval Tested 3946 3970 Zone Tested LKC B zone  
 Anchor Length 24 Drill Pipe Run 3645 Mud Wt. 8.8  
 Top Packer Depth 3941 Drill Collars Run 277 Vis 56  
 Bottom Packer Depth 3946 Wt. Pipe Run — WL 6.4  
 Total Depth 3970 Chlorides 2500 ppm System LCM 5  
 Blow Description IF: 1/4 blow built to 7,  
IS: No return.  
FF: BoB in 56 min.  
FS: surface blow built to 1 in 90 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>164</u>	<u>90</u>	<u>10</u>	<u>90</u>		
<u>186</u>	<u>90cm</u>	<u>10</u>	<u>60</u>	<u>30</u>	
	<u>124 GIP</u>				

Rec Total 350 BHT 122 Gravity 27 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1984</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>23:07</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>00:55</u>
(C) First Final Flow <u>82</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>3:58</u>
(D) Initial Shut-In <u>948</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>7:58</u>
(E) Second Initial Flow <u>91</u>	<input checked="" type="checkbox"/> Hourly Standby <u>3- 1.25 100</u>	T-Out <u>10:40</u>
(F) Second Final Flow <u>149</u>	<input checked="" type="checkbox"/> Mileage <u>24- 18</u>	Comments <u>on back at</u>
(G) Final Shut-In <u>937</u>	<input checked="" type="checkbox"/> Sampler <u>250</u>	<u>12:30 pm</u>
(H) Final Hydrostatic <u>1911</u>	<input type="checkbox"/> Straddle	
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1743</u>
	Sub Total <u>1743</u>	MP/DST Disc't

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 60 90  
 Final Shut-In 90

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.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 65637 Date 11-17-16  
 Company Name Stelbar oil Corp  
 Lease J. Nuss #1-36 Test No. 1  
 County Scott Sec. 36 Twp. 17S Rng. 32W

### SAMPLER RECOVERY

Gas 1000 ML  
 Oil 1000 ML  
 Mud \_\_\_\_\_ ML  
 Water \_\_\_\_\_ ML  
 Other \_\_\_\_\_ ML  
 Pressure 300 LB ML  
 Total 2000 ML

### PIT MUD ANALYSIS

Chlorides 2500 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 56  
 Mud Weight 8.8  
 Filtrate 6.4  
 Other LCM 5

### SAMPLER ANALYSIS

Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
 Gravity 27 corrected @60F

### PIPE RECOVERY

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



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65638**

Well Name & No. J. Nuss #1-36 Test No. 2 Date 11-18-16  
 Company Stelbar oil corp Elevation 2973 KB 2962 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Dave Goldark Rig Murfin 21  
 Location: Sec. 36 Twp. 175 Rge. 32W Co. Scott State KS

Interval Tested 3982 3994 Zone Tested LKC "C" zone  
 Anchor Length 12 Drill Pipe Run 3706 Mud Wt. 9.2  
 Top Packer Depth 3977 Drill Collars Run 277 Vis 57  
 Bottom Packer Depth 3982 Wt. Pipe Run \_\_\_\_\_ WL 7.2  
 Total Depth \_\_\_\_\_ Chlorides 4000 ppm System LCM 3

Blow Description IF: BOB in 2 min.  
TS: No return.  
FF: BOB in 3 min.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>330</u>	<u>MW oil spots on top</u>		<u>50</u>	<u>50</u>	
<u>1302</u>	<u>water</u>		<u>100</u>		
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Rec Total 1632 BHT 128 Gravity \_\_\_\_\_ API RW .33 @ 40 °F Chlorides 38,000 ppm

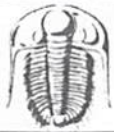
(A) Initial Hydrostatic 2011  Test 1050  
 (B) First Initial Flow 93  Jars 250  
 (C) First Final Flow 692  Safety Joint 75  
 (D) Initial Shut-In 984  Circ Sub NIC  
 (E) Second Initial Flow 707  Hourly Standby \_\_\_\_\_  
 (F) Second Final Flow 934  Mileage 24 18  
 (G) Final Shut-In 986  Sampler 250  
 (H) Final Hydrostatic 2002  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1643

T-On Location 18115  
 T-Started 18:51  
 T-Open 20:28  
 T-Pulled 23:28  
 T-Out 2:20  
 Comments \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 1643  
 MP/DST Disc't \_\_\_\_\_

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.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 65638 Date 11-18-16  
 Company Name Stelbar oil corp  
 Lease J. Nuss #1-36 Test No. 2  
 County Scott Sec. 36 Twp. 175 Rng. 32W

### SAMPLER RECOVERY

Gas \_\_\_\_\_ ML  
 Oil \_\_\_\_\_ ML  
 Mud \_\_\_\_\_ ML  
 Water 2000 ML  
 Other \_\_\_\_\_ ML  
 Pressure 500 Lb ML  
 Total 2000 ML

### PIT MUD ANALYSIS

Chlorides 4000 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 57  
 Mud Weight 9.2  
 Filtrate 7.2  
 Other Cl LCM 3

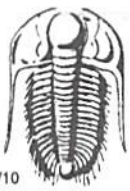
### SAMPLER ANALYSIS

Resistivity .33 ohms @ 41 F  
 Chlorides 38,000 ppm.  
 Gravity — corrected @60F

### PIPE RECOVERY

**TOP**  
 Resistivity .33 ohms @ 41 F  
 Chlorides 38,000 ppm.  
**MIDDLE**  
 Resistivity .33 ohms @ 41 F  
 Chlorides 38,000 ppm.  
**BOTTOM**  
 Resistivity .33 ohms @ 41 F  
 Chlorides 38,000 ppm.





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65639**

Well Name & No. J, NUSS #1-36 Test No. 3 Date 11-19-16  
 Company Stelber oil corp Elevation 2973 KB 2962 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Dave Goldak Rig Murfin 21  
 Location: Sec. 36 Twp. 175 Rge. 32W Co. Scott State KS

Interval Tested 4286 4340 Zone Tested Marmaton  
 Anchor Length \_\_\_\_\_ Drill Pipe Run 3989 Mud Wt. 9.3  
 Top Packer Depth 4281 Drill Collars Run 277 Vis 57  
 Bottom Packer Depth 4286 Wt. Pipe Run \_\_\_\_\_ WL 8.8  
 Total Depth 4340 Chlorides 5000 ppm System LCM 4

Blow Description IF: 1/4 blow built to 6 in 30 min.  
#5: No return.  
FF: surface blow built to 9 in 60 min.  
F5: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>90cm</u>	<u>10</u>	<u>10</u>	<u>80</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>310</u> <u>GIP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 62 BHT 125 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2189</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>23:05</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>23:39</u>
(C) First Final Flow <u>34</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1:55</u>
(D) Initial Shut-In <u>175</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>5:55</u>
(E) Second Initial Flow <u>31</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>8:17</u>
(F) Second Final Flow <u>45</u>	<input checked="" type="checkbox"/> Mileage <u>24</u> <u>18</u>	Comments _____
(G) Final Shut-In <u>123</u>	<input checked="" type="checkbox"/> Sampler <u>250</u>	_____
(H) Final Hydrostatic <u>2116</u>	<input type="checkbox"/> Straddle _____	_____

ial Open 30  
 ial Shut-In 60  
 al Flow 60  
 al Shut-In 90

Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 1743  
 MP/DST Disc't \_\_\_\_\_

Approved By [Signature] Our Representative [Signature]

ite 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 ment, 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.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 65639 Date 11-19-16  
 Company Name Stelber oil Corp  
 Lease J. Nuss #1-36 Test No. 3  
 County Scott Sec. 36 Twp. 17S Rng. 32W

### SAMPLER RECOVERY

Gas 2 cu ft ML  
 Oil \_\_\_\_\_ ML  
 Mud \_\_\_\_\_ ML  
 Water \_\_\_\_\_ ML  
 Other \_\_\_\_\_ ML  
 Pressure 50 lb ML  
 Total 2000 ML

### PIT MUD ANALYSIS

Chlorides 5000 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 57  
 Mud Weight 9.3  
 Filtrate 8.8  
 Other LCM 4 cake 1

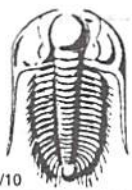
### SAMPLER ANALYSIS

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.





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65640**

Well Name & No. J. Nuss #1-36 Test No. 4 Date 11-20-16  
 Company Stelber oil corp Elevation 2973 KB 2962 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Dave Gold+k Rig Marlin 21  
 Location: Sec. 36 Twp. 17S Rge. 32W Co. Scott State KS

Interval Tested 4340 4424 Zone Tested Marmaton  
 Anchor Length 84 Drill Pipe Run 4051 Mud Wt. 9.3  
 Top Packer Depth 4335 Drill Collars Run 277 Vis 56  
 Bottom Packer Depth 4340 Wt. Pipe Run \_\_\_\_\_ WL 8.0  
 Total Depth 4424 Chlorides 5500 ppm System LCM 3

Blow Description IF: BoB in 1 1/2 min.  
IS: BoB in 8 min.  
FS: BoB in 2 min. Gas to surface in 45 min.  
FS: BoB in 12 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1388</u>	<u>90</u>	<u>30</u>	<u>70</u>		
<u>124</u>	<u>90cm</u>	<u>40</u>	<u>20</u>		<u>40</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 1512 BHT 133 Gravity 29 API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

- (A) Initial Hydrostatic 2183  Test 1150
- (B) First Initial Flow 89  Jars 250
- (C) First Final Flow 268  Safety Joint 75
- (D) Initial Shut-In 1101  Circ Sub 50.00
- (E) Second Initial Flow 288  Hourly Standby \_\_\_\_\_
- (F) Second Final Flow 546  Mileage 24-36
- (G) Final Shut-In 1097  Sampler 250
- (H) Final Hydrostatic 2128  Straddle \_\_\_\_\_
- Initial Open 30  Shale Packer \_\_\_\_\_
- Initial Shut-In 60  Extra Packer \_\_\_\_\_
- Final Flow 60  Extra Recorder \_\_\_\_\_
- Final Shut-In 90  Day Standby \_\_\_\_\_
- Sub Total 1811  Accessibility \_\_\_\_\_

T-On Location 17:14  
 T-Started 17:43  
 T-Open 19:30  
 T-Pulled 23:30  
 T-Out 3:25  
 Comments loaded 11-22-16  
2:40 am  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 1811  
 MP/DST Disc't \_\_\_\_\_

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. 65640 Date 11-20-16  
 Company Name Stelbar oil corp  
 Lease J. Nuss #1-36 Test No. 4  
 County Scott Sec. 36 Twp. 17S Rng. 32W

### SAMPLER RECOVERY

Gas 8 cuft 1600 ML  
 Oil 400 ML  
 Mud \_\_\_\_\_ ML  
 Water \_\_\_\_\_ ML  
 Other \_\_\_\_\_ ML  
 Pressure \_\_\_\_\_ ML  
 Total 2000 ML

### PIT MUD ANALYSIS

Chlorides 5500 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 56  
 Mud Weight 8.3  
 Filtrate 8.0  
 Other LCM 3

### SAMPLER ANALYSIS

Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
 Gravity 29 corrected @60F

### PIPE RECOVERY

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