



DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corporation, Inc.**

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602

ATTN: Dave Goldak

Ellis #3-12

12-17s-33w Scott,KS

Start Date: 2015.08.12 @ 06:28:00

End Date: 2015.08.12 @ 13:02:00

Job Ticket #: 61601 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.08.14 @ 14:50:35



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Stelbar Oil Corporation, Inc.

12-17s-33w Scott,KS

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602
ATTN: Dave Goldak

Ellis #3-12

Job Ticket: 61601

DST#: 1

Test Start: 2015.08.12 @ 06:28:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:52:45

Time Test Ended: 13:02:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 75

Interval: 4354.00 ft (KB) To 4483.00 ft (KB) (TVD)

Reference Elevations: 2993.00 ft (KB)

Total Depth: 4484.00 ft (KB) (TVD)

2982.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8675

Inside

Press@RunDepth: 68.18 psig @ 4375.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.12

End Date:

2015.08.12

Last Calib.:

2015.08.12

Start Time: 06:28:15

End Time:

13:02:00

Time On Btm:

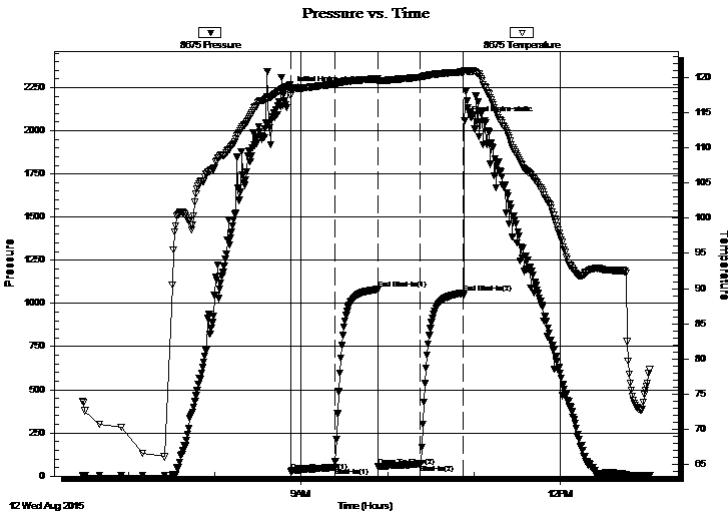
2015.08.12 @ 08:52:30

Time Off Btm:

2015.08.12 @ 10:53:30

TEST COMMENT: Built to 1 1/4" blow
No return blow
No blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2235.50	118.97	Initial Hydro-static
1	28.79	117.41	Open To Flow (1)
31	51.26	119.07	Shut-In(1)
61	1081.83	119.83	End Shut-In(1)
61	54.51	119.46	Open To Flow (2)
91	68.18	120.05	Shut-In(2)
121	1061.50	120.80	End Shut-In(2)
121	2060.82	121.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	100% Mud	0.50

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stelbar Oil Corporation, Inc.

12-17s-33w Scott,KS

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602
ATTN: Dave Goldak

Ellis #3-12

Job Ticket: 61601

DST#: 1

Test Start: 2015.08.12 @ 06:28:00

Tool Information

Drill Pipe:	Length: 4271.28 ft	Diameter: 3.80 inches	Volume: 59.91 bbl	Tool Weight: 2500.00 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: 60.71 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 88000.00 lb
			<u>Total Volume: 60.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.49 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4354.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	130.00 ft			
Tool Length:	159.50 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			4325.50	
Shut In Tool	5.00			4330.50	
Sampler	2.00			4332.50	
Hydraulic tool	5.00			4337.50	
Jars	5.00			4342.50	
Safety Joint	2.50			4345.00	
Packer	5.00			4350.00	29.50 Bottom Of Top Packer
Packer	4.00			4354.00	
Stubb	1.00			4355.00	
Perforations	19.00			4374.00	
Change Over Sub	1.00			4375.00	
Recorder	0.00	8675	Inside	4375.00	
Recorder	0.00	8650	Outside	4375.00	
Drill Pipe	95.00			4470.00	
Change Over Sub	1.00			4471.00	
Perforations	10.00			4481.00	
Bullnose	3.00			4484.00	130.00 Bottom Packers & Anchor
Total Tool Length:	159.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corporation, Inc.

12-17s-33w Scott, KS

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602
ATTN: Dave Goldak

Ellis #3-12

Job Ticket: 61601

DST#: 1

Test Start: 2015.08.12 @ 06:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 3300.00 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
75.00	100% Mud	0.499

Total Length: 75.00 ft Total Volume: 0.499 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

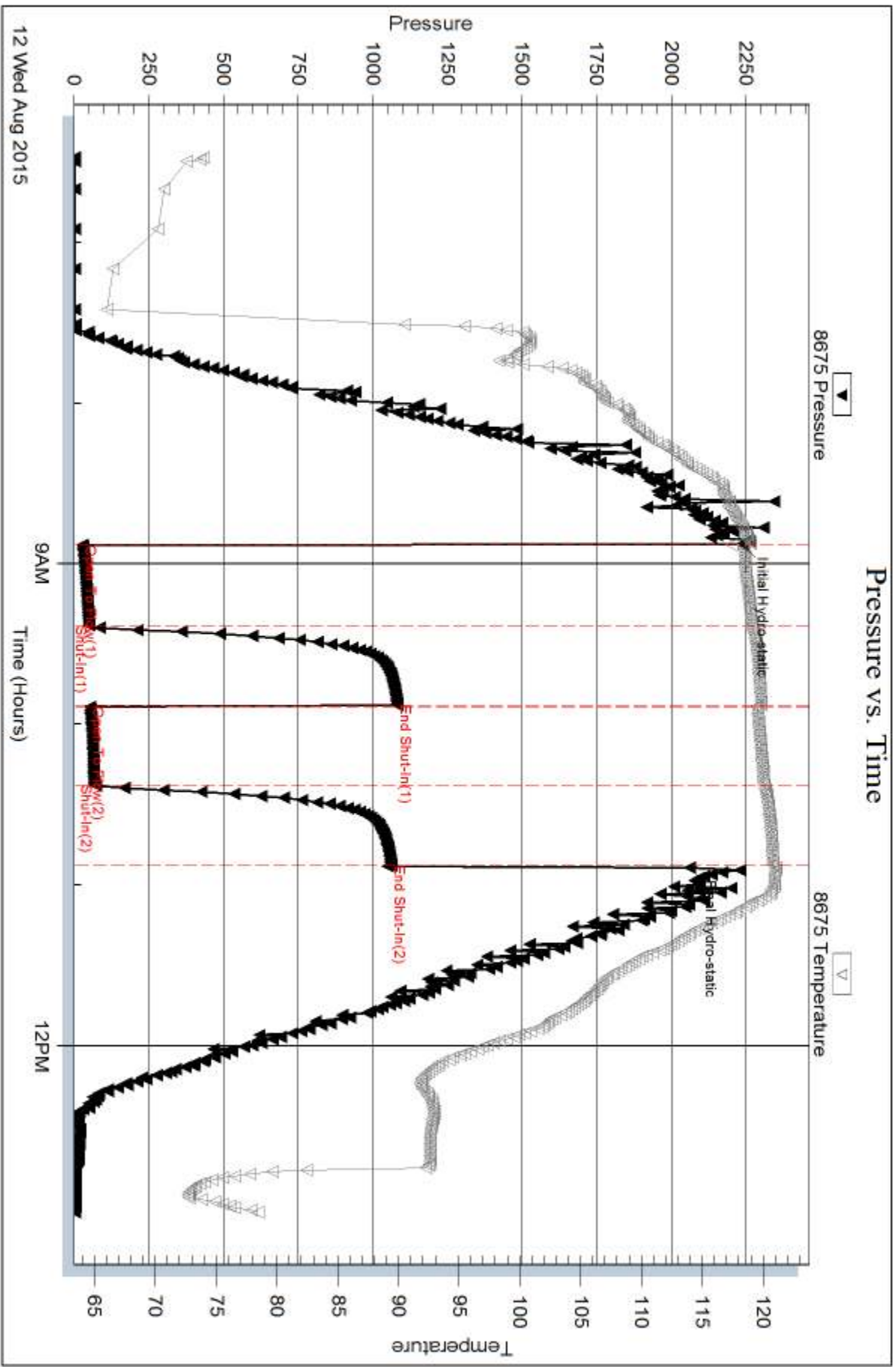
Serial #: 8675

Inside

Stellar Oil Corporation, Inc.

Ellis #3-12

DST Test Number: 1

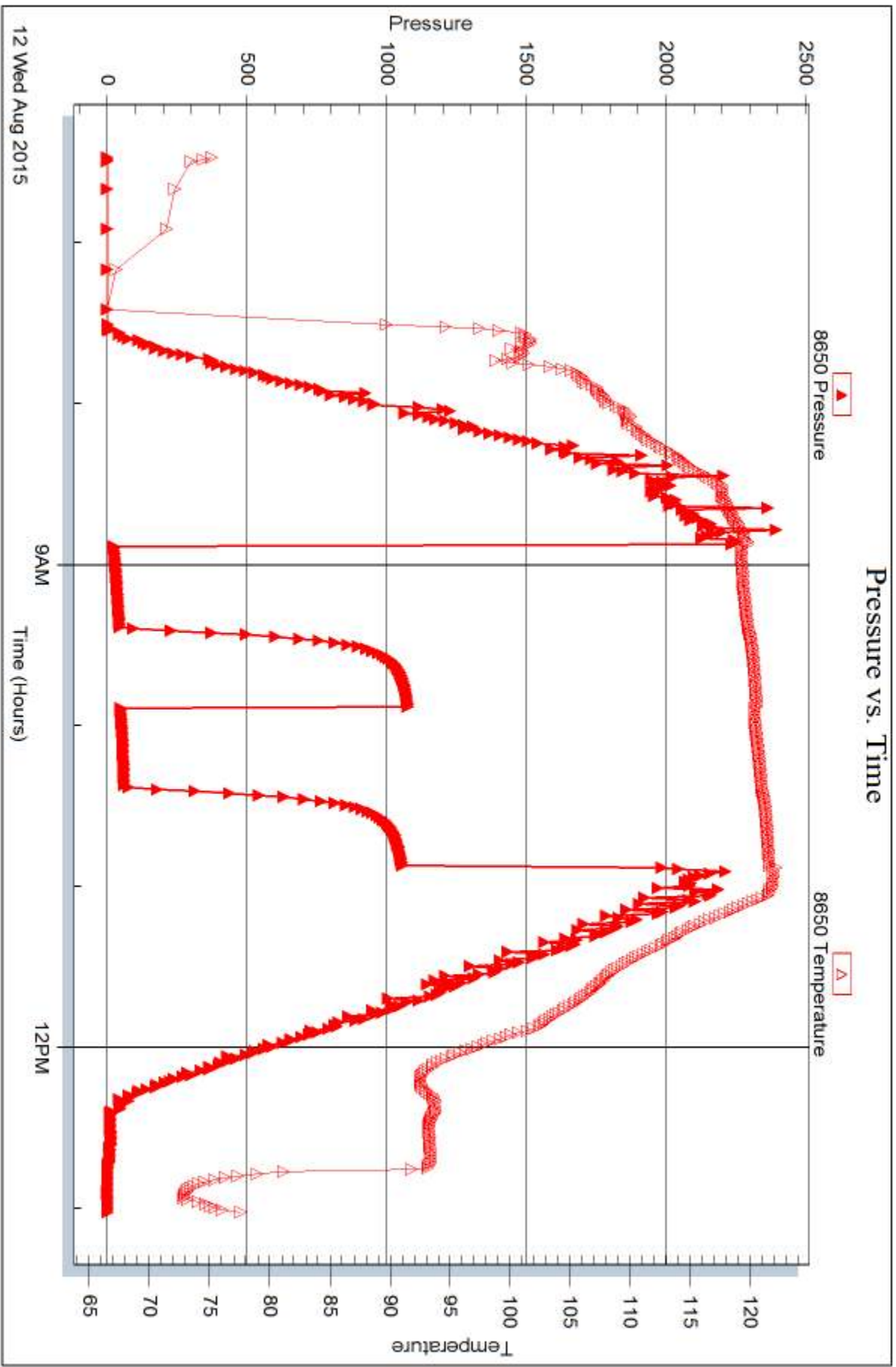


Serial #: 8650

Outside Stellar Oil Corporation, Inc.

Ellis #3-12

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corporation, Inc.**

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602

ATTN: Dave Goldak

Ellis #3-12

12-17s-33w Scott,KS

Start Date: 2015.08.13 @ 03:15:00

End Date: 2015.08.13 @ 09:19:15

Job Ticket #: 61602 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.08.14 @ 14:50:05



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stelbar Oil Corporation, Inc.

12-17s-33w Scott,KS

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602
ATTN: Dave Goldak

Ellis #3-12

Job Ticket: 61602

DST#: 2

Test Start: 2015.08.13 @ 03:15:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:20:30

Time Test Ended: 09:19:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

Interval: 4600.00 ft (KB) To 4665.00 ft (KB) (TVD)

Reference Elevations: 2993.00 ft (KB)

Total Depth: 4665.00 ft (KB) (TVD)

2982.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8675

Inside

Press@RunDepth: 28.17 psig @ 4619.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.13

End Date:

2015.08.13

Last Calib.:

2015.08.13

Start Time:

03:15:15

End Time:

09:19:15

Time On Btm:

2015.08.13 @ 05:20:00

Time Off Btm:

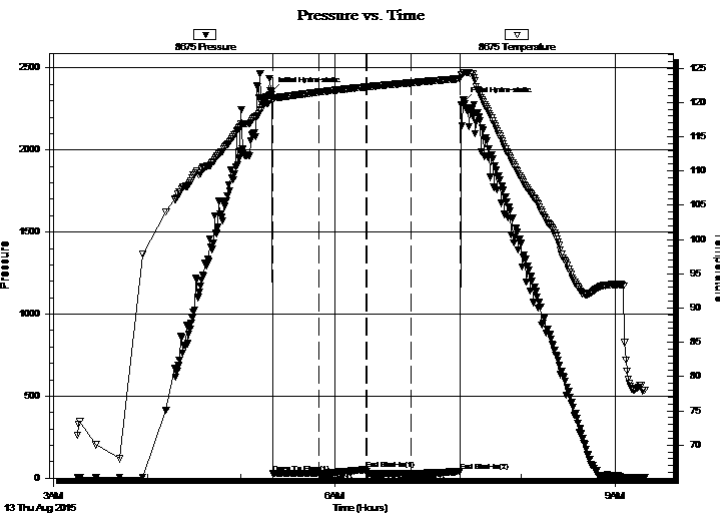
2015.08.13 @ 07:23:00

TEST COMMENT: Built to 1/4", died to surface blow

No return blow

No blow

No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2354.83	121.15	Initial Hydro-static
1	27.51	120.43	Open To Flow (1)
31	28.05	121.50	Shut-In(1)
61	53.08	122.26	End Shut-In(1)
61	28.56	122.26	Open To Flow (2)
90	28.17	122.86	Shut-In(2)
121	40.30	123.47	End Shut-In(2)
123	2294.70	124.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud w ith oil spots	0.05

* Recovery from multiple tests

Gas Rates

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



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Stelbar Oil Corporation, Inc.

12-17s-33w Scott,KS

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602
ATTN: Dave Goldak

Ellis #3-12

Job Ticket: 61602

DST#: 2

Test Start: 2015.08.13 @ 03:15:00

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:20:30
Time Test Ended: 09:19:15
Interval: **4600.00 ft (KB) To 4665.00 ft (KB) (TVD)**
Total Depth: 4665.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole (Reset)
Tester: Jace McKinney
Unit No: 75
Reference Elevations: 2993.00 ft (KB)
2982.00 ft (CF)
KB to GR/CF: 11.00 ft

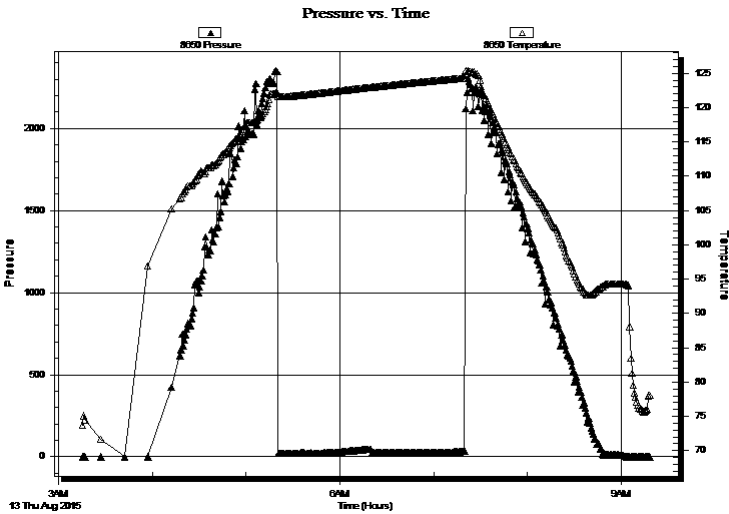
Serial #: 8650

Outside

Press@RunDepth: psig @ 4619.00 ft (KB)
Start Date: 2015.08.13 End Date: 2015.08.13
Start Time: 03:15:15 End Time: 09:18:45
Capacity: 8000.00 psig
Last Calib.: 2015.08.13
Time On Btm:
Time Off Btm:

TEST COMMENT: Built to 1/4", died to surface blow
No return blow
No blow
No return blow

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud w ith oil spots	0.05

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stelbar Oil Corporation, Inc.

12-17s-33w Scott,KS

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602
ATTN: Dave Goldak

Ellis #3-12

Job Ticket: 61602

DST#: 2

Test Start: 2015.08.13 @ 03:15:00

Tool Information

Drill Pipe:	Length: 4525.61 ft	Diameter: 3.80 inches	Volume: 63.48 bbl	Tool Weight: 2500.00 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: 60.71 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 88000.00 lb
			<u>Total Volume: 63.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.82 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4600.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	94.50 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			4571.50	
Shut In Tool	5.00			4576.50	
Sampler	2.00			4578.50	
Hydraulic tool	5.00			4583.50	
Jars	5.00			4588.50	
Safety Joint	2.50			4591.00	
Packer	5.00			4596.00	29.50 Bottom Of Top Packer
Packer	4.00			4600.00	
Stubb	1.00			4601.00	
Perforations	17.00			4618.00	
Change Over Sub	1.00			4619.00	
Recorder	0.00	8675	Inside	4619.00	
Recorder	0.00	8650	Outside	4619.00	
Drill Pipe	32.00			4651.00	
Change Over Sub	1.00			4652.00	
Perforations	10.00			4662.00	
Bullnose	3.00			4665.00	65.00 Bottom Packers & Anchor
Total Tool Length:	94.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corporation, Inc.

12-17s-33w Scott, KS

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602
ATTN: Dave Goldak

Ellis #3-12

Job Ticket: 61602

DST#: 2

Test Start: 2015.08.13 @ 03:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 3300.00 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
10.00	100% Mud w ith oil spots	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

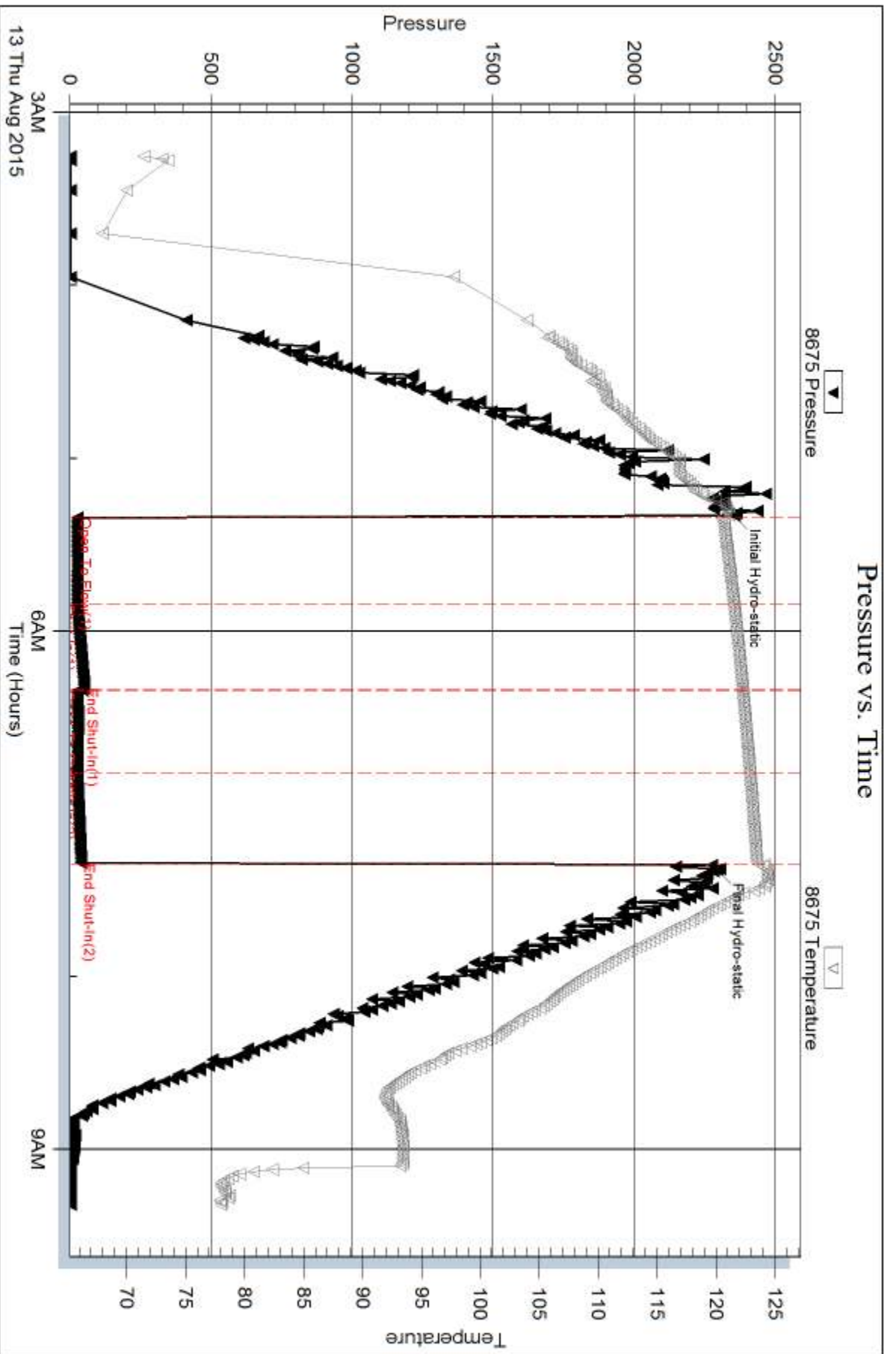
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

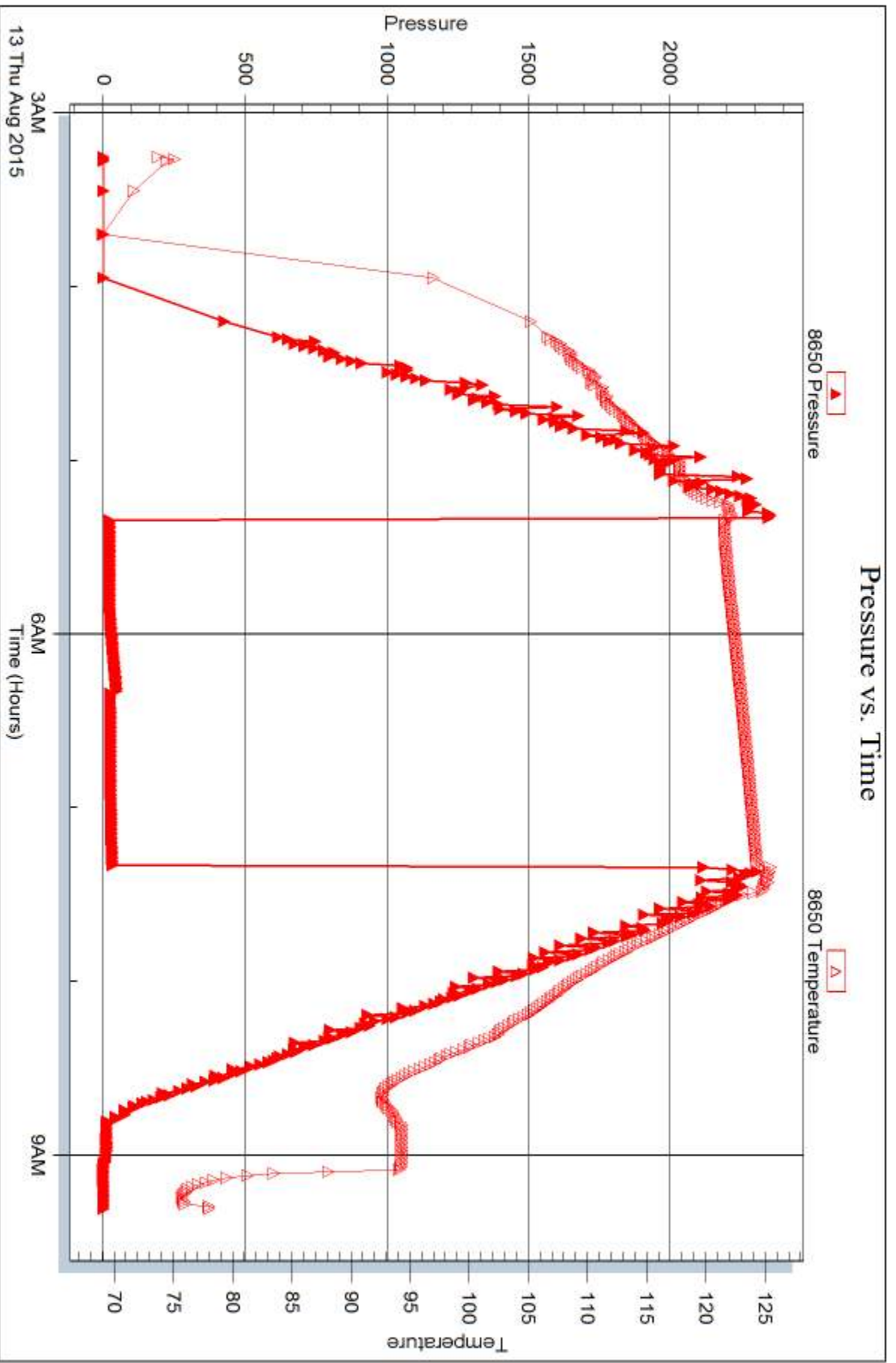


Serial #: 8650

Outside Stellar Oil Corporation, Inc.

Ellis #3-12

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 61602

Printed: 2015.08.14 @ 14:50:07



DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corporation, Inc.**

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602

ATTN: Dave Goldak

Ellis #3-12

12-17s-33w Scott,KS

Start Date: 2015.08.14 @ 04:58:00

End Date: 2015.08.14 @ 13:43:00

Job Ticket #: 61603 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.08.14 @ 14:47:52



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stelbar Oil Corporation, Inc.

12-17s-33w Scott,KS

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602
ATTN: Dave Goldak

Ellis #3-12

Job Ticket: 61603

DST#: 3

Test Start: 2015.08.14 @ 04:58:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:53:30

Time Test Ended: 13:43:00

Test Type: Conventional Straddle (Reset)

Tester: Jace McKinney

Unit No: 75

Interval: 4718.00 ft (KB) To 4740.00 ft (KB) (TVD)

Reference Elevations: 2993.00 ft (KB)

Total Depth: 4810.00 ft (KB) (TVD)

2982.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8675

Inside

Press@RunDepth: 49.05 psig @ 4719.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.14

End Date:

2015.08.14

Last Calib.:

2015.08.14

Start Time: 04:58:15

End Time:

13:43:00

Time On Btm:

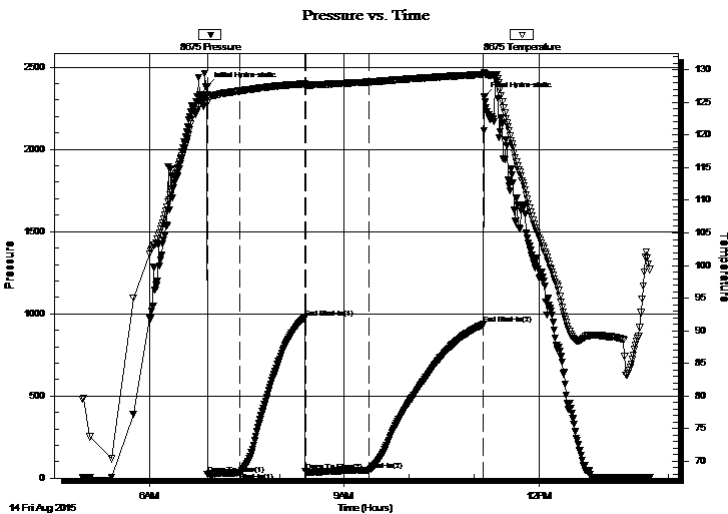
2015.08.14 @ 06:53:15

Time Off Btm:

2015.08.14 @ 11:09:30

TEST COMMENT: Built to 3 3/4" blow
Bled off for 3 min, No return blow
B.O.B. in 48 min
Bled off for 5 min, No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2380.72	126.19	Initial Hydro-static
1	23.51	124.98	Open To Flow (1)
31	33.19	126.77	Shut-In(1)
90	975.32	127.84	End Shut-In(1)
91	39.34	127.62	Open To Flow (2)
150	49.05	128.14	Shut-In(2)
256	935.00	129.28	End Shut-In(2)
257	2321.18	129.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	292 Feet Gas In Pipe	0.00
40.00	ocm 10%O 90%M	0.20
40.00	gco 10%G 90%O	0.37

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stelbar Oil Corporation, Inc.

12-17s-33w Scott, KS

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602
ATTN: Dave Goldak

Ellis #3-12

Job Ticket: 61603

DST#: 3

Test Start: 2015.08.14 @ 04:58:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:53:30

Time Test Ended: 13:43:00

Interval: 4718.00 ft (KB) To 4740.00 ft (KB) (TVD)

Total Depth: 4810.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Straddle (Reset)

Tester: Jace McKinney

Unit No: 75

Reference Elevations: 2993.00 ft (KB)

2982.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6672 Below (Straddle)

Press@RunDepth: psig @ 4808.00 ft (KB)

Start Date: 2015.08.14

End Date:

2015.08.14

Capacity: 8000.00 psig

Last Calib.:

2015.08.14

Start Time:

04:58:15

End Time:

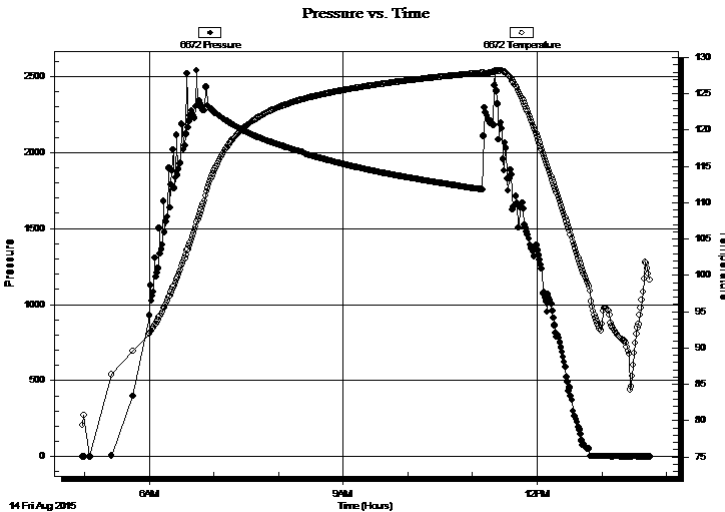
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Time On Btm:

Time Off Btm:

TEST COMMENT: Built to 3 3/4" blow
Bled off for 3 min, No return blow
B.O.B. in 48 min
Bled off for 5 min, No return blow

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	292 Feet Gas In Pipe	0.00
40.00	ocm 10%O 90%M	0.20
40.00	gco 10%G 90%O	0.37

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stelbar Oil Corporation, Inc.

12-17s-33w Scott,KS

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602
ATTN: Dave Goldak

Ellis #3-12

Job Ticket: 61603

DST#: 3

Test Start: 2015.08.14 @ 04:58:00

Tool Information

Drill Pipe:	Length: 4655.62 ft	Diameter: 3.80 inches	Volume: 65.31 bbl	Tool Weight: 2500.00 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: 60.71 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 92000.00 lb
			<u>Total Volume: 65.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.83 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4718.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	4740.00 ft			
Interval between Packers:	22.00 ft			
Tool Length:	115.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			4696.50	
Shut In Tool	5.00			4701.50	
Hydraulic tool	5.00			4706.50	
Jars	5.00			4711.50	
Safety Joint	2.50			4714.00	
Packer	4.00			4718.00	22.50 Bottom Of Top Packer
Stubb	1.00			4719.00	
Perforations	0.00			4719.00	
Recorder	0.00	8675	Inside	4719.00	
Recorder	0.00	8650	Outside	4719.00	
Perforations	17.00			4736.00	
Change Over Sub	0.00			4736.00	
Drill Pipe	0.00			4736.00	
Change Over Sub	0.00			4736.00	
Blank off Sub	1.00			4737.00	
Top of Straddle Packer	3.00			4740.00	22.00 Tool Interval
Packer	1.00			4741.00	
Stubb	1.00			4742.00	
Perforations	0.00			4742.00	
Change Over Sub	1.00			4743.00	
Drill Pipe	64.00			4807.00	
Change Over Sub	1.00			4808.00	
Perforations	0.00			4808.00	
Recorder	0.00	6672	Below	4808.00	
Bullnose	3.00			4811.00	71.00 Bottom Packers & Anchor

Total Tool Length: 115.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corporation, Inc.

12-17s-33w Scott,KS

1625 N Waterfront PKWY
Suite 200
Wichita KS, 67206-6602
ATTN: Dave Goldak

Ellis #3-12

Job Ticket: 61603

DST#: 3

Test Start: 2015.08.14 @ 04:58:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 65.00 sec/qt
Water Loss: 7.97 in³
Resistivity: ohm.m
Salinity: 3600.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 25 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	292 Feet Gas In Pipe	0.000
40.00	ocm 10%O 90%M	0.197
40.00	gco 10%G 90%O	0.372

Total Length: 80.00 ft Total Volume: 0.569 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API: 29 @ 100 F = 25

Serial #: 8675

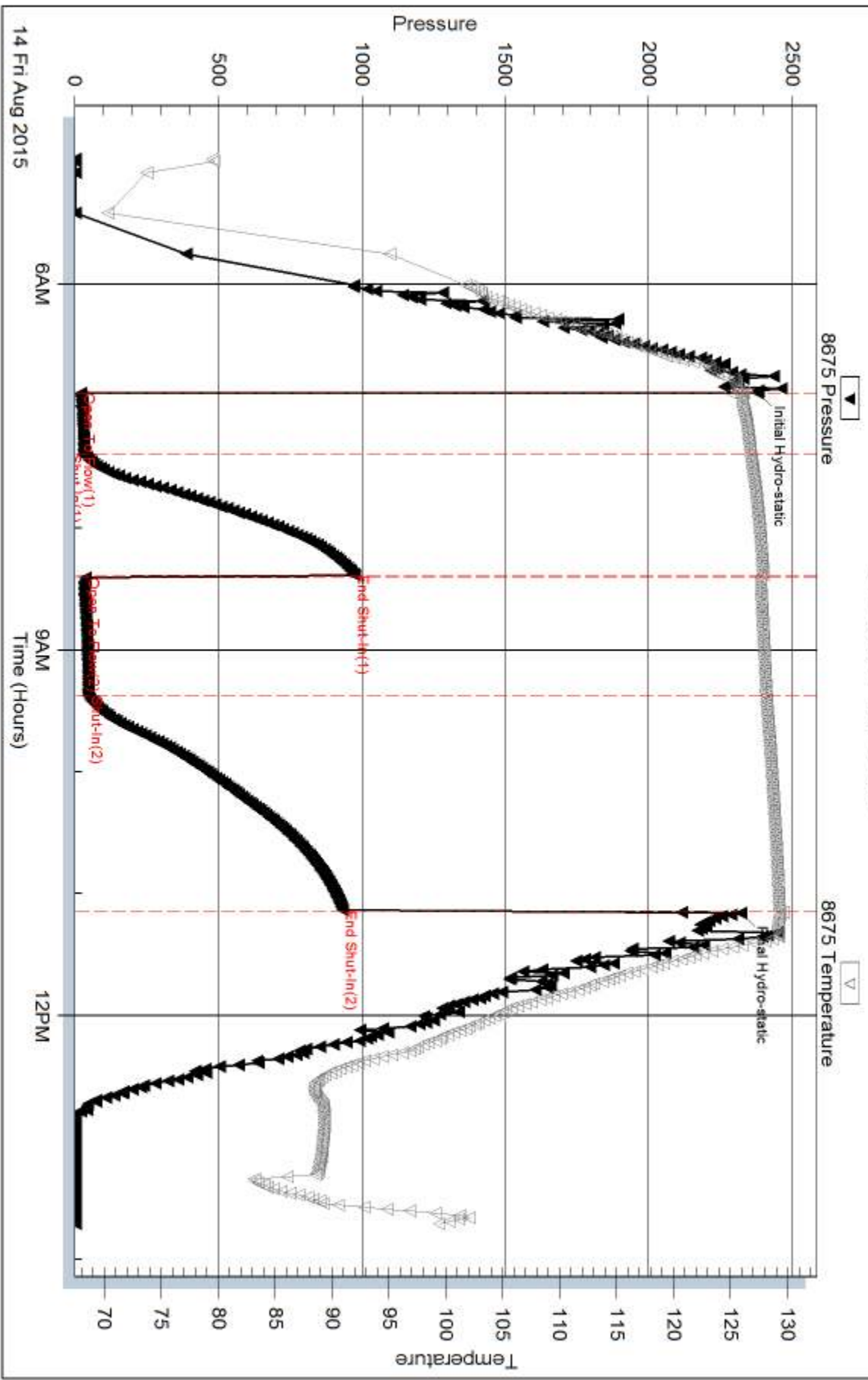
Inside

Stellar Oil Corporation, Inc.

Ellis #3-12

DST Test Number: 3

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 61603

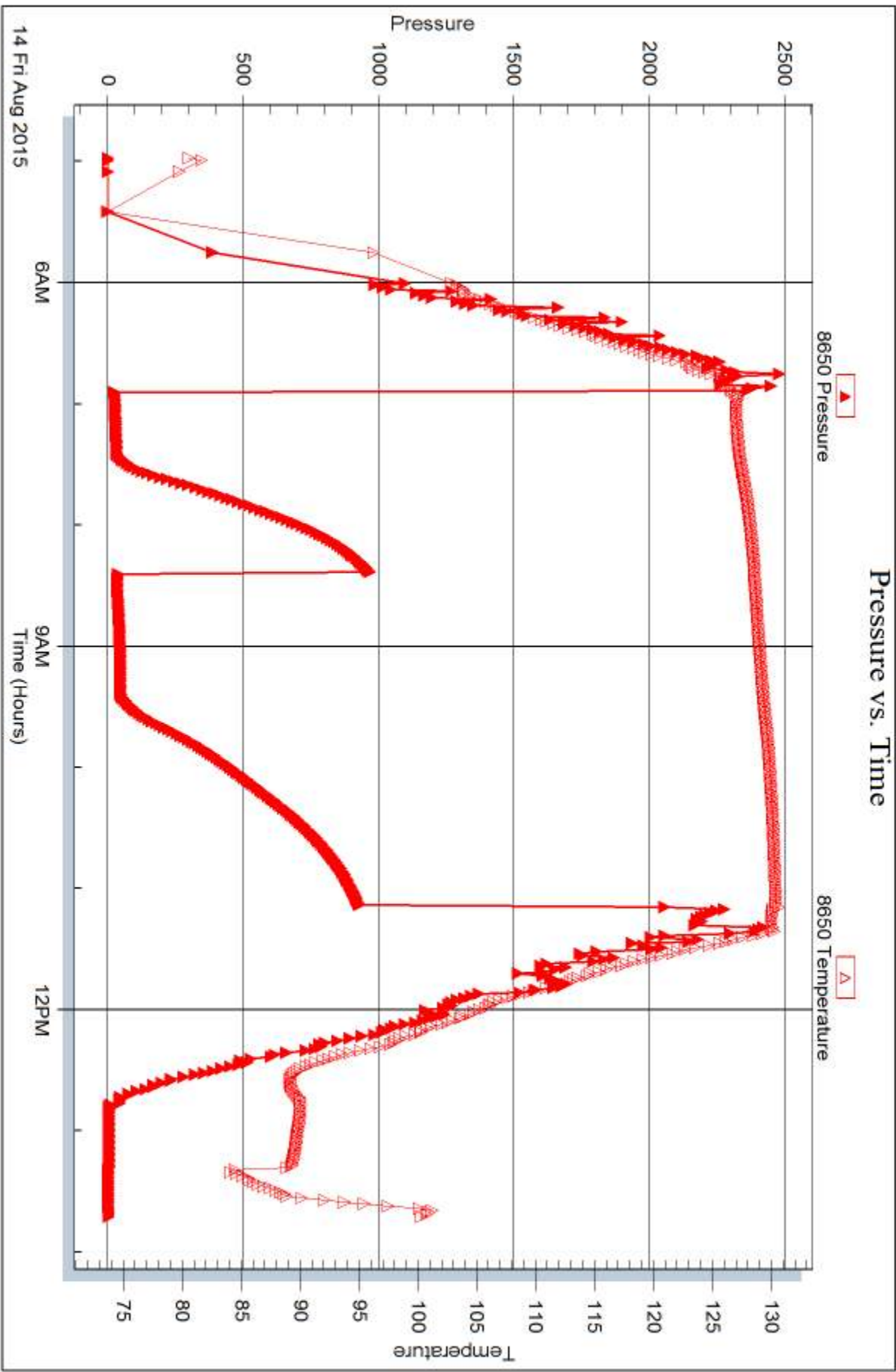
Printed: 2015.08.14 @ 14:47:55

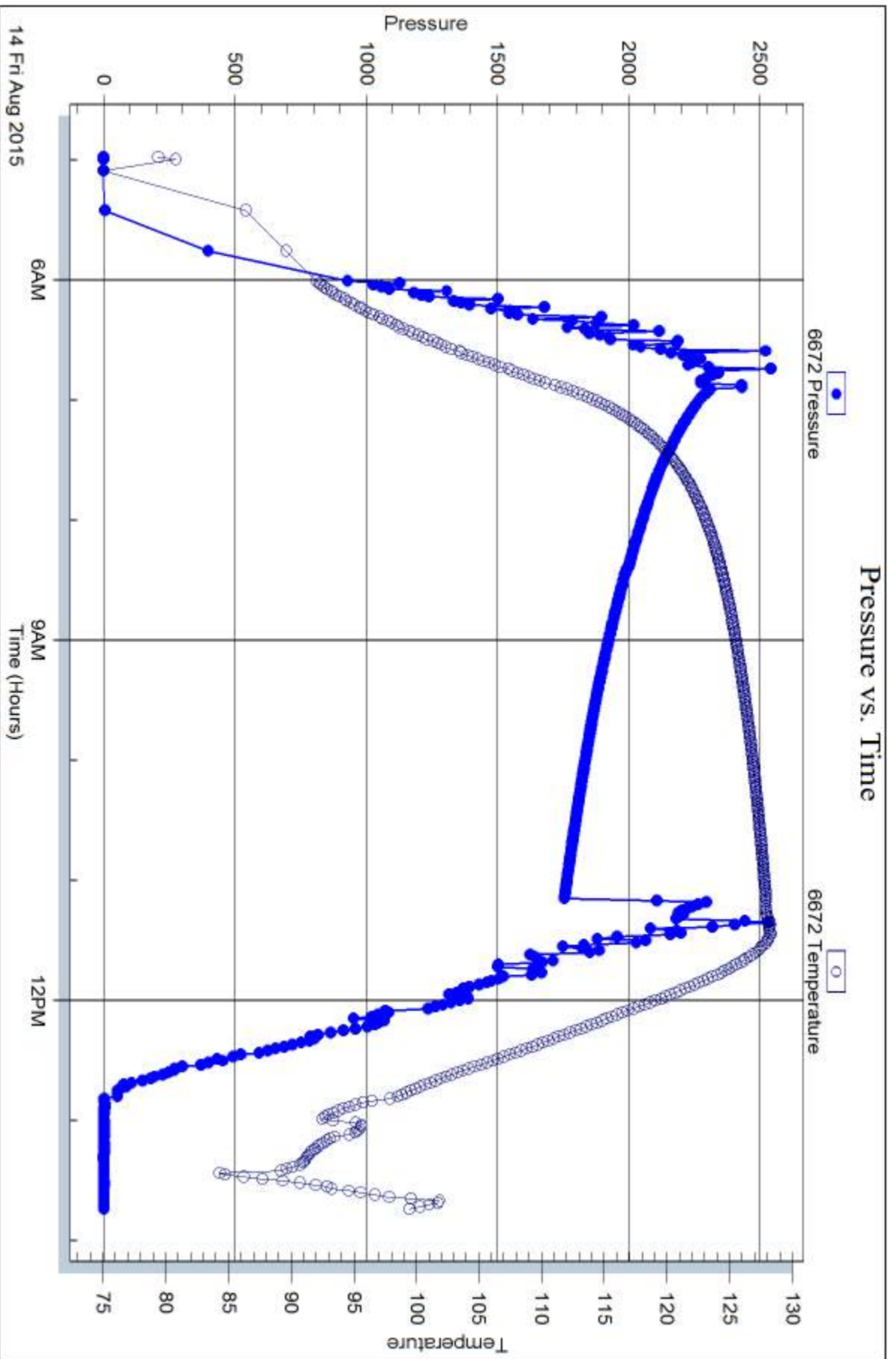
Serial #: 8650

Outside Stellar Oil Corporation, Inc.

Ellis #3-12

DST Test Number: 3







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO.

61601

Well Name & No. Ellis 3-12 Test No. 1 Date 8/12/15
 Company Stellar Oil Corporation, Inc Elevation 2993 KB 2980 GL
 Address 1625 N Waterfront Pkwy, Suite 200, Wichita KS 67206-6602
 Co. Rep / Geo. Dave Goldak Rig Sterling Rig 5
 Location: Sec. 12 Twp. 17S Rge. 33W Co. Scott County State KS

Interval Tested 4354-4484 Zone Tested Marmaton
 Anchor Length 130 Drill Pipe Run 4276.28 Mud Wt. 9.3
 Top Packer Depth 4350 Drill Collars Run 60.71 Vis 60
 Bottom Packer Depth 4354 Wt. Pipe Run _____ WL 8.0
 Total Depth 4484 Chlorides 3,300 ppm System LCM 2#

Blow Description Built to 1 1/4" below
No return below
No below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>75</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	Feet of	%gas	%oil	%water	%mud

Rec Total 76 BHT 121 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 2,236 Test 1150 T-On Location 05:45
 (B) First Initial Flow 29 Jars 250 T-Started 06:28
 (C) First Final Flow 51 Safety Joint 75 T-Open 08:52
 (D) Initial Shut-In 1,082 Circ Sub N/C T-Pulled 10:52
 (E) Second Initial Flow 55 Hourly Standby _____ T-Out 13:02
 (F) Second Final Flow 68 Mileage 20 RT Comments _____
 (G) Final Shut-In 1,062 Sampler 250 _____
 (H) Final Hydrostatic 2,061 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1745
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1745

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

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. 61601 Date 8/12/15
 Company Name Stellar Oil Corporation
 Lease Ellis 3-12 Test No. OST # 2
 County Scott County, Ks Sec. 12 Twp. 11s Rng. 33w

SAMPLER RECOVERY

Gas _____ ML
 Oil _____ ML
 Mud 1,000 @ 75 psi ML
 Water _____ ML
 Other _____ ML
 Pressure _____ ML
 Total _____ ML

PIT MUD ANALYSIS

Chlorides 3,300 ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity 60
 Mud Weight 9.3
 Filtrate 8.0
 Other 10M 2#

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. **61602**

Well Name & No. Ellis 3-12 Test No. 2 Date 8/13/15
 Company Stellar Oil Corporation, Inc Elevation 2993 KB 2980 GL
 Address 1625 W Waterfront Pkwy Suite 200 Wichita, KS 67206-6602
 Co. Rep / Geo. Dave Goldak Rig Stirling Rig 5
 Location: Sec. 12 Twp. 17S Rge. 33W Co. Scott County State KS

Interval Tested 4600 - 4665 Zone Tested Johnson Zone
 Anchor Length 65 Drill Pipe Run 4525.61 Mud Wt. 9.3
 Top Packer Depth 4596 Drill Collars Run 6071 Vis 60
 Bottom Packer Depth 4600 Wt. Pipe Run _____ WL 8.0
 Total Depth 4665 Chlorides 3,300 ppm System LCM 2#
 Blow Description Built to 1/4", died to surface below
No return below
No below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mad with oil spots</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 10 BHT 124 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 2,355 Test 1150 T-On Location 02:15
 (B) First Initial Flow 28 Jars 250 T-Started 03:15
 (C) First Final Flow 28 Safety Joint 75 T-Open 05:20
 (D) Initial Shut-In 53 Circ Sub N/C T-Pulled 07:20
 (E) Second Initial Flow 29 Hourly Standby _____ T-Out 09:19
 (F) Second Final Flow 28 Mileage 20 RT Comments _____
 (G) Final Shut-In 40 Sampler 250 _____
 (H) Final Hydrostatic 2,295 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1745
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1745

Approved By [Signature] Our Representative [Signature]
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TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 61602 Date 8/13/2015
 Company Name Stellar Oil Corporation, Inc.
 Lease Ellis 3-12 Test No. DST # 2
 County Scott County, Kansas Sec. 12 Twp. 17s Rng. 33w

SAMPLER RECOVERY

Gas _____ ML
 Oil _____ ML
 Mud 100% Mud with oil spots 1000 ML
 Water _____ ML
 Other _____ ML
 Pressure _____ ML
 Total 25 psi 1000 ml Mud ML

PIT MUD ANALYSIS

Chlorides 3,300 ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity 60
 Mud Weight 9.3
 Filtrate B.O
 Other 1M 2# 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.

61603

Well Name & No. Ellis 3-12 Test No. 3 Date 8/14/15
 Company Stellar Oil Corporation, Inc. Elevation 2993 KB 2980 GL
 Address 1625 N Waterfront Pkwy Suite 200 Wichita, KS 67206-6602
 Co. Rep / Geo. Dave Goldak Rig Sterling Rig 5
 Location: Sec. 12 Twp. 17s Rge. 33w Co. Scott County State KS

Interval Tested 4718-4740 Zone Tested Mississippian
 Anchor Length 70' Tailpipe 22 Drill Pipe Run 4655.62 Mud Wt. 9.4
 Top Packer Depth No Packer Drill Collars Run 60.71 Vis 65
 Bottom Packer Depth 4718 Wt. Pipe Run WL 8.0
 Total Depth 4810 4740 Chlorides 3,600 ppm System LCM 2#
 Blow Description Built to 3 3/4" below
Bled off for 3 min. No return below
B.O.B. in 48 min.
Bled off for 5 min. No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>600</u>	<u>10</u>	<u>90</u>		
<u>40</u>	<u>600m</u>		<u>10</u>		<u>90</u>
<u>0</u>	<u>292 Feet Gas In Pipe</u>				
<u> </u>	<u> </u>				
<u> </u>	<u> </u>				

Rec Total 80 BHT 129 Gravity 25 API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic 2,381 Test 1150 T-On Location 04:45
 (B) First Initial Flow 24 Jars 250 T-Started 04:58
 (C) First Final Flow 33 Safety Joint 75 T-Open 06:53
 (D) Initial Shut-In 975 Circ Sub w/c T-Pulled 10:53
 (E) Second Initial Flow 39 Hourly Standby T-Out 13:43
 (F) Second Final Flow 49 Mileage 20 RT Comments
 (G) Final Shut-In 935 Sampler 250
 (H) Final Hydrostatic 2,321 Straddle 600

Ruined Shale Packer
 Shale Packer
 Ruined Packer
 Extra Packer
 Extra Copies
 Extra Recorder
 Day Standby
 Accessibility
 MP/DST Disc't

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

Sub Total 2345
 Total 2345

Approved By [Signature] Our Representative [Signature]
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TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 66603 Date 8/14/15
 Company Name Stellar Oil Corporation, Inc.
 Lease Ellis 3-12 Test No. DST # 3
 County Scott County Kansas Sec. 12 Twp. 17s Rng. 33w

SAMPLER RECOVERY

Gas _____ ML
 Oil 1500 ml ML
 Mud _____ ML
 Water _____ ML
 Other _____ ML
 Pressure _____ ML
 Total 2 quarts @ 150 psi 15000% ML

PIT MUD ANALYSIS

Chlorides 3,600 ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity 65
 Mud Weight 9.4
 Filtrate 8.0
 Other 1cm 2# Cake 1

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.~~