

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	HELL CREEK RANCH 1-18
Doc ID	1426178

All Electric Logs Run

Array Induction Shallow Focused
Compact Photo Density Comp. Neutron Microresistivity
Comp. Sonic w/Integrated Transit Time
Microresistivity
Caliper

Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	HELL CREEK RANCH 1-18
Doc ID	1426178

Tops

Name	Top	Datum
B/Anhydrite	2295	+673
Heebner Sh	3879	-911
Lansing	3927	-959
Mun Crk Sh	4105	-1137
Stark Sh	4207	-1239
Marmaton	4314	-1346
Ck Sh	4442	-1474
Mw Sh	4538	-1570
Miss	4547	-1579



DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

18-18s-31w Scott,KS

Hell Creek Ranch #1-18

Start Date: 2018.09.10 @ 22:21:15

End Date: 2018.09.11 @ 05:01:15

Job Ticket #: 64377 DST #: 1

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

Printed: 2018.09.18 @ 10:17:00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Stelbar Oil Corp.
 1625 N Waterfront Pkw y
 STE 200
 Wichita KS 67206
 ATTN: Dave Goldak

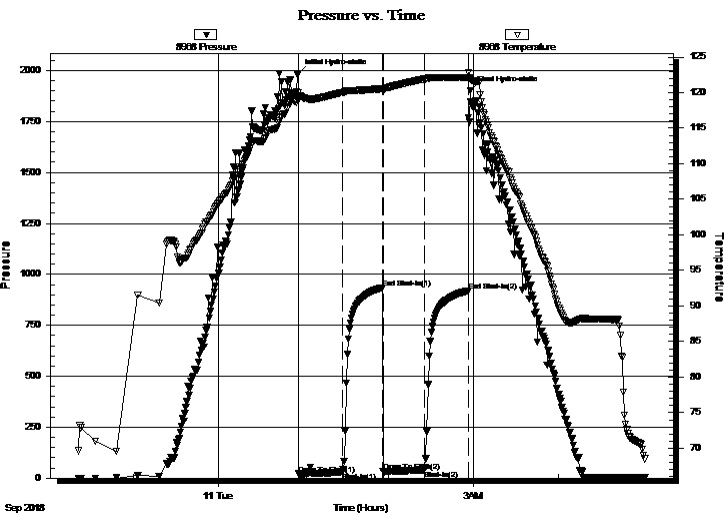
Hell Creek Ranch #1-18
18-18s-31w Scott,KS
 Job Ticket: 64377 **DST#: 1**
 Test Start: 2018.09.10 @ 22:21:15

GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:56:30
 Time Test Ended: 05:01:15
 Interval: **3901.00 ft (KB) To 3915.00 ft (KB) (TVD)**
 Total Depth: 3915.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 2968.00 ft (KB)
 2958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8968 Outside
 Press@RunDepth: 40.17 psig @ 3902.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.09.10 End Date: 2018.09.11 Last Calib.: 2018.09.11
 Start Time: 22:21:15 End Time: 05:01:15 Time On Btm: 2018.09.11 @ 00:56:15
 Time Off Btm: 2018.09.11 @ 02:57:45

TEST COMMENT: IF: Built to 1 3/4" blow
 IS: No return blow
 FF: Built to 1" blow
 FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1984.78	119.97	Initial Hydro-static
1	20.32	118.92	Open To Flow (1)
32	30.45	120.00	Shut-In(1)
60	934.56	120.54	End Shut-In(1)
60	32.14	120.19	Open To Flow (2)
89	40.17	121.91	Shut-In(2)
120	919.43	122.16	End Shut-In(2)
122	1899.86	121.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	ocm 3%o 97%m	0.02

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
STE 200
Wichita KS 67206
ATTN: Dave Goldak

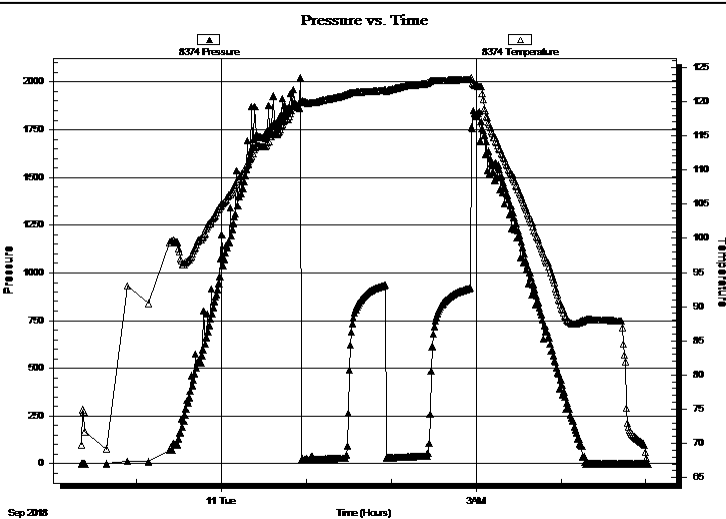
Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64377 **DST#: 1**
Test Start: 2018.09.10 @ 22:21:15

GENERAL INFORMATION:

Formation: **Toronto**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 00:56:30 Tester: Mike Roberts
Time Test Ended: 05:01:15 Unit No: 81
Interval: 3901.00 ft (KB) To 3915.00 ft (KB) (TVD) Reference Elevations: 2968.00 ft (KB)
Total Depth: 3915.00 ft (KB) (TVD) 2958.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8374 **Inside**
Press@RunDepth: psig @ 3902.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.09.10 End Date: 2018.09.11 Last Calib.: 2018.09.11
Start Time: 22:21:23 End Time: 05:01:16 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Built to 1 3/4" blow
IS: No return blow
FF: Built to 1" blow
FS: No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	ocm 3%o 97%m	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stelbar Oil Corp.
1625 N Waterfront Pkwy
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64377 **DST#: 1**
Test Start: 2018.09.10 @ 22:21:15

Tool Information

Drill Pipe:	Length: 3689.00 ft	Diameter: 3.80 inches	Volume: 51.75 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: 20000.00 lb
Drill Collar:	Length: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 52.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3901.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	45.00 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			3871.00	
Shut In Tool	5.00			3876.00	
Sampler	3.00			3879.00	
Hydraulic tool	5.00			3884.00	
Jars	5.00			3889.00	
Safety Joint	3.00			3892.00	
Packer	5.00			3897.00	31.00 Bottom Of Top Packer
Packer	4.00			3901.00	
Stubb	1.00			3902.00	
Recorder	0.00	8968	Outside	3902.00	
Recorder	0.00	8374	Inside	3902.00	
Perforations	8.00			3910.00	
Bullnose	5.00			3915.00	14.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.

Hell Creek Ranch #1-18

1625 N Waterfront Pkw y
STE 200
Wichita KS 67206
ATTN: Dave Goldak

18-18s-31w Scott,KS

Job Ticket: 64377

DST#: 1

Test Start: 2018.09.10 @ 22:21:15

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: 64.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.66 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	ocm 3%o 97%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

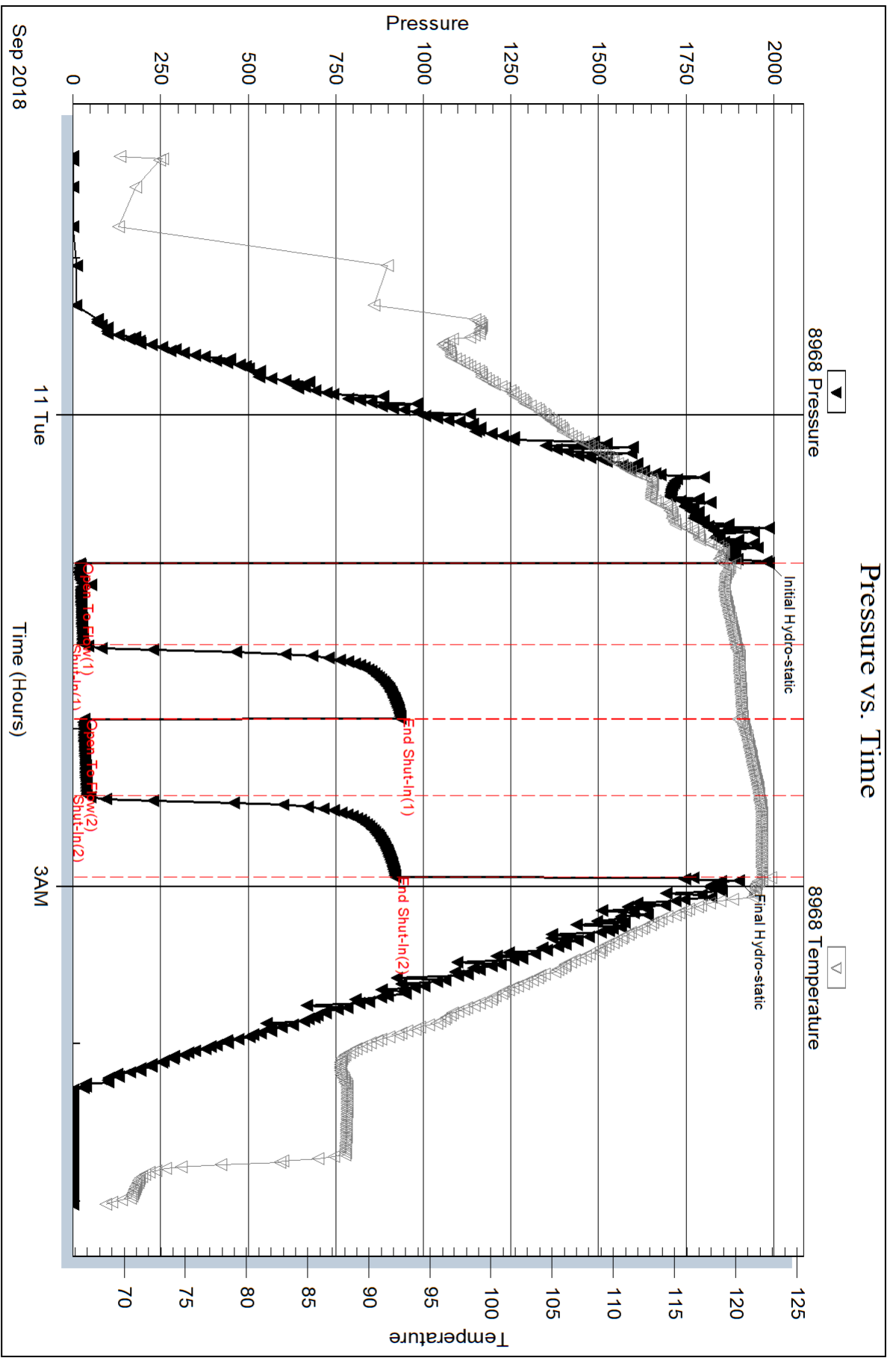
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



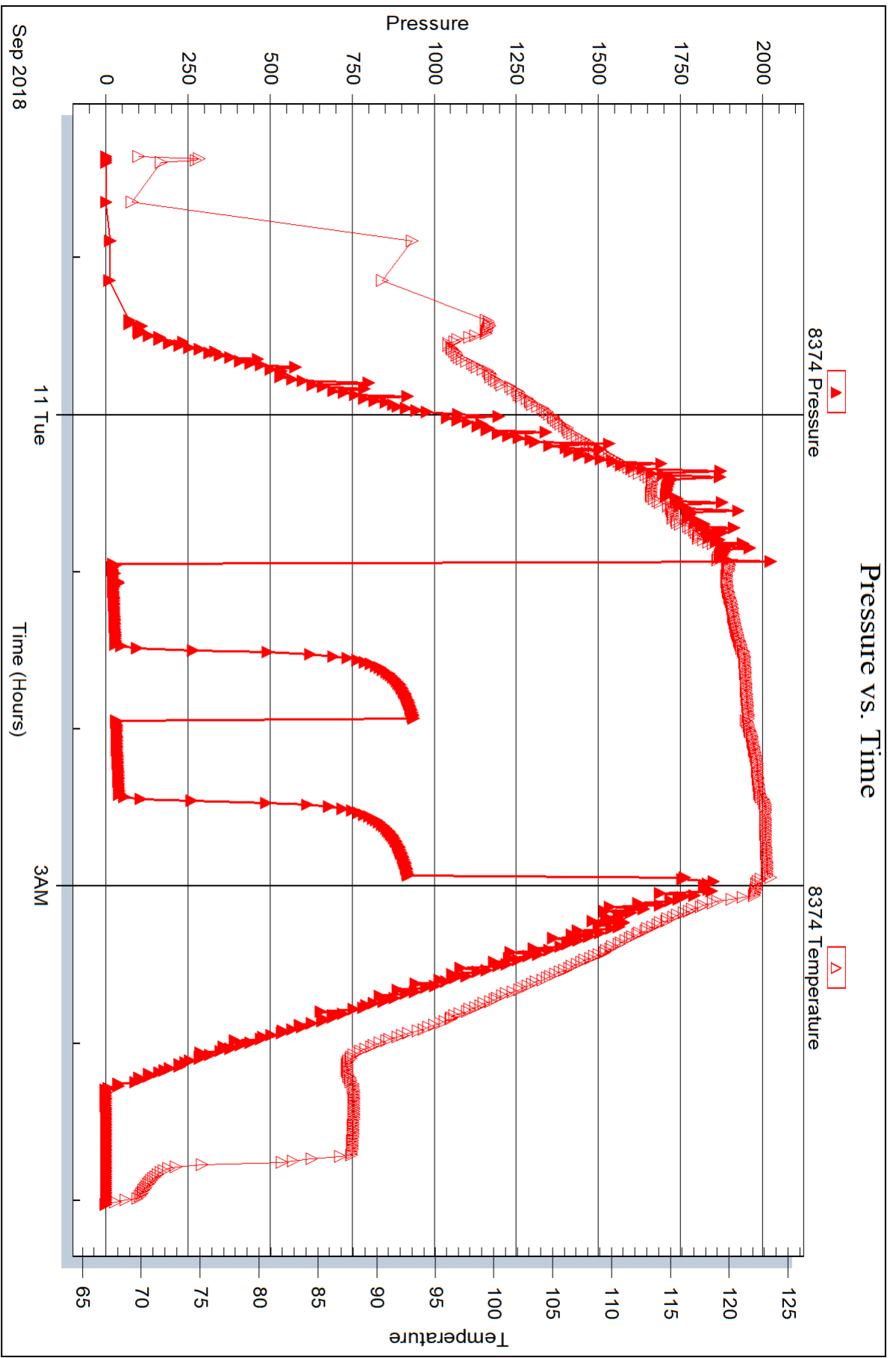
Serial #: 8374

Inside

Stelbar Oil Corp.

18-18s-31w Scottt KS

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 64377

Printed: 2018.09.18 @ 10:17:01



DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

18-18s-31w Scott,KS

Hell Creek Ranch #1-18

Start Date: 2018.09.11 @ 19:52:15

End Date: 2018.09.12 @ 04:03:15

Job Ticket #: 64378 DST #: 2

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

Printed: 2018.09.18 @ 10:16:05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Stelbar Oil Corp.
 1625 N Waterfront Pkw y
 STE 200
 Wichita KS 67206
 ATTN: Dave Goldak

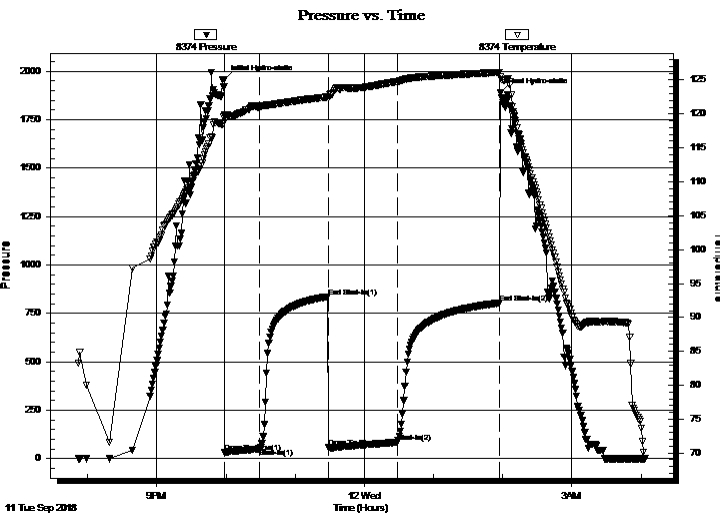
Hell Creek Ranch #1-18
18-18s-31w Scott,KS
 Job Ticket: 64378 **DST#: 2**
 Test Start: 2018.09.11 @ 19:52:15

GENERAL INFORMATION:

Formation: **LKC B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:58:45
 Time Test Ended: 04:03:15
 Interval: **3953.00 ft (KB) To 3971.00 ft (KB) (TVD)**
 Total Depth: 3971.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 2968.00 ft (KB)
 2958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8374 Inside
 Press@RunDepth: 85.19 psig @ 3954.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.09.11 End Date: 2018.09.12 Last Calib.: 2018.09.12
 Start Time: 19:52:15 End Time: 04:03:15 Time On Btm: 2018.09.11 @ 21:58:30
 Time Off Btm: 2018.09.12 @ 01:58:15

TEST COMMENT: IF: Built to 4 1/4" blow
 IS: No return blow
 FF: Built to 3" blow
 FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1956.84	119.70	Initial Hydro-static
1	31.38	119.34	Open To Flow (1)
31	51.46	120.98	Shut-In(1)
90	836.77	122.53	End Shut-In(1)
91	58.14	122.33	Open To Flow (2)
150	85.19	124.80	Shut-In(2)
239	804.17	126.13	End Shut-In(2)
240	1888.00	125.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	gco 10%g 90%o	0.34
60.00	ocm 40%o 60%m	0.30

* Recovery from multiple tests

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
STE 200
Wichita KS 67206
ATTN: Dave Goldak

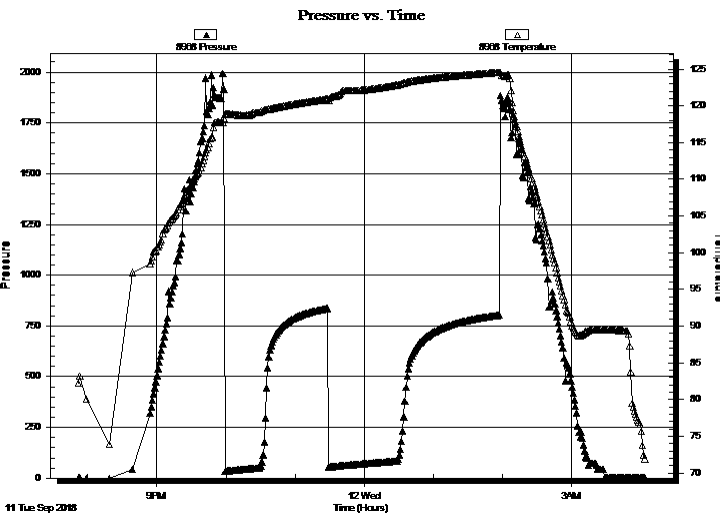
Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64378 **DST#: 2**
Test Start: 2018.09.11 @ 19:52:15

GENERAL INFORMATION:

Formation: **LKC B**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 21:58:45 Tester: Mike Roberts
Time Test Ended: 04:03:15 Unit No: 81
Interval: 3953.00 ft (KB) To 3971.00 ft (KB) (TVD) Reference Elevations: 2968.00 ft (KB)
Total Depth: 3971.00 ft (KB) (TVD) 2958.00 ft (CF)
Hole Diameter: 7.88 inchesHole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8968 Outside
Press@RunDepth: psig @ 3954.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.09.11 End Date: 2018.09.12 Last Calib.: 2018.09.12
Start Time: 19:52:15 End Time: 04:03:15 Time On Btm:
Time Off Btm:

TEST COMMENT: IF:Built to 4 1/4" blow
IS:No return blow
FF:Built to 3" blow
FS:No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
70.00	gco 10%g 90%o	0.34
60.00	ocm 40%o 60%m	0.30

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 Corp.
1625 N Waterfront Pkwy
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64378 **DST#: 2**
Test Start: 2018.09.11 @ 19:52:15

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: 20000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 53.64 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3953.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3923.00	
Shut In Tool	5.00			3928.00	
Sampler	3.00			3931.00	
Hydraulic tool	5.00			3936.00	
Jars	5.00			3941.00	
Safety Joint	3.00			3944.00	
Packer	5.00			3949.00	31.00 Bottom Of Top Packer
Packer	4.00			3953.00	
Stubb	1.00			3954.00	
Recorder	0.00	8968	Outside	3954.00	
Recorder	0.00	8374	Inside	3954.00	
Perforations	12.00			3966.00	
Bullnose	5.00			3971.00	18.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.

Hell Creek Ranch #1-18

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206
ATTN: Dave Goldak

18-18s-31w Scott,KS

Job Ticket: 64378

DST#: 2

Test Start: 2018.09.11 @ 19:52:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

23 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.08 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	gco 10%g 90%o	0.344
60.00	ocm 40%o 60%m	0.295

Total Length: 130.00 ft Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 24 @ 70 corrected to 23

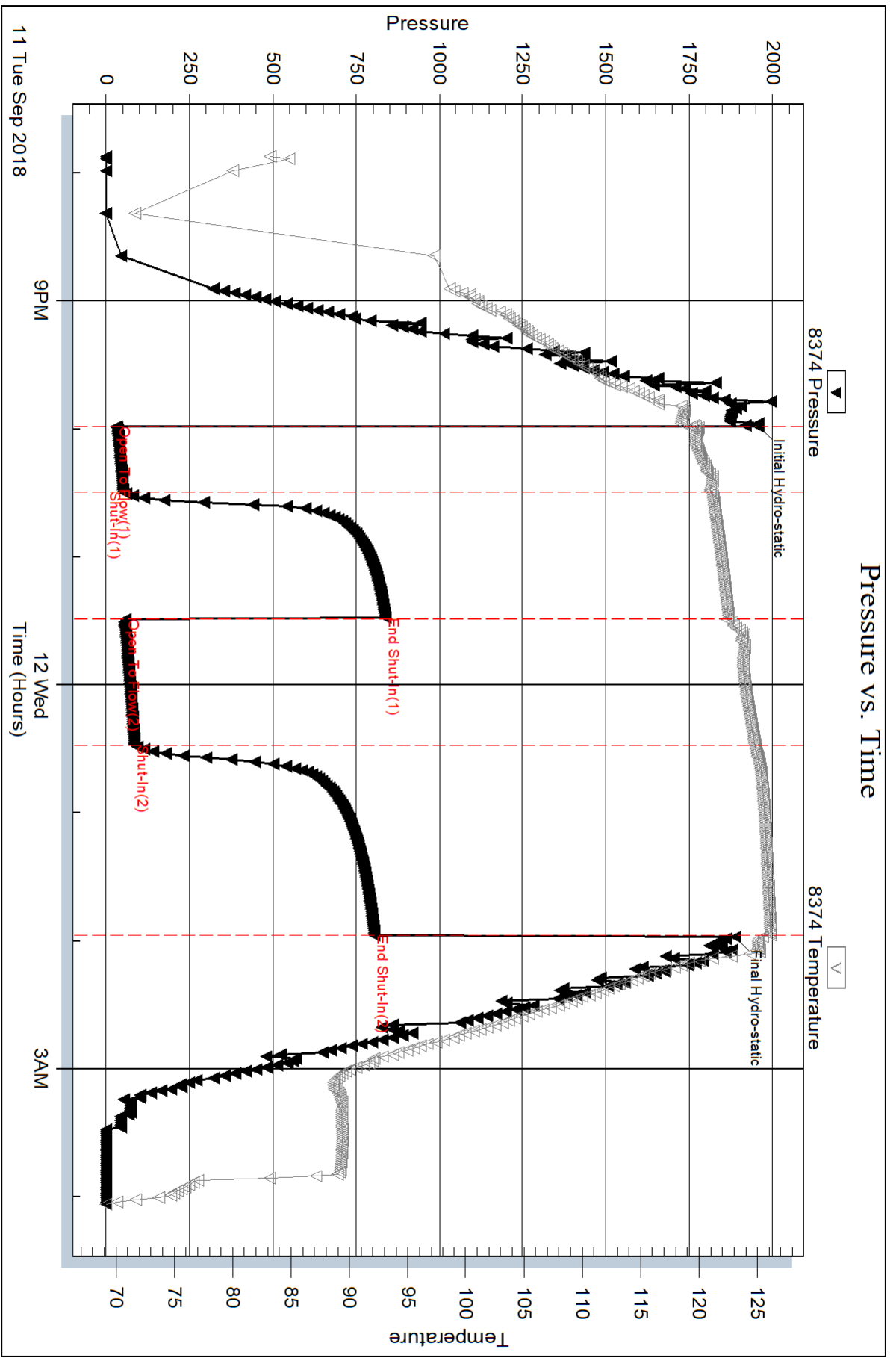
Serial #: 8374

Inside

Stelbar Oil Corp.

18-18s-31w Scottt,KS

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 64378

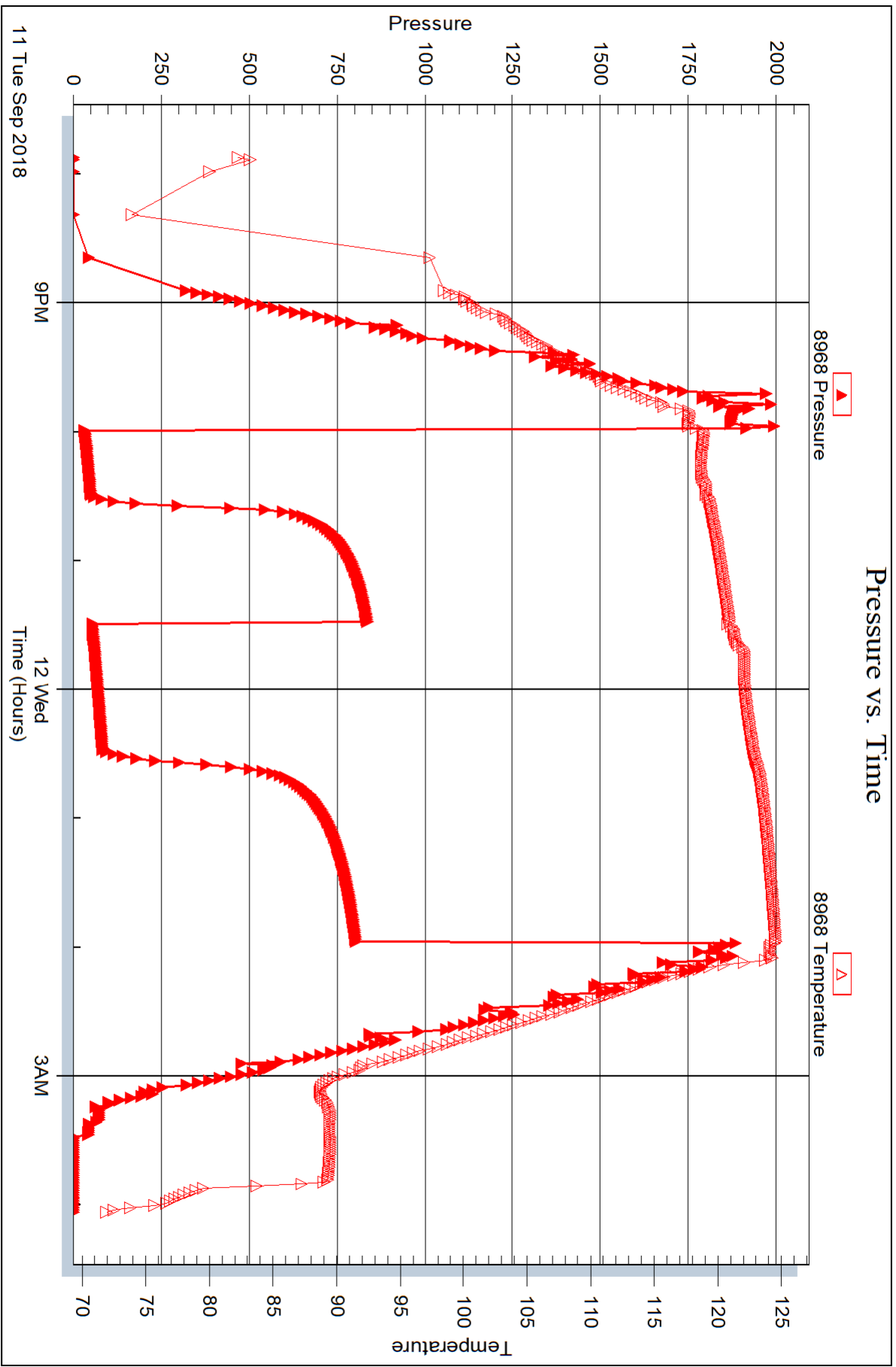
Printed: 2018.09.18 @ 10:16:06

Serial #: 8968

Outside Stebar Oil Corp.

18-18s-31w Scottt KS

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 64378

Printed: 2018.09.18 @ 10:16:06



DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

18-18s-31w Scott,KS

Hell Creek Ranch #1-18

Start Date: 2018.09.12 @ 12:00:00

End Date: 2018.09.12 @ 20:32:00

Job Ticket #: 64379 DST #: 3

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

Printed: 2018.09.18 @ 10:06:13



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Stelbar Oil Corp.
 1625 N Waterfront Pkw y
 STE 200
 Wichita KS 67206
 ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
 Job Ticket: 64379 **DST#: 3**
 Test Start: 2018.09.12 @ 12:00:00

GENERAL INFORMATION:

Formation: **LKC D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:33:45
 Time Test Ended: 20:32:00
 Interval: **4020.00 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 (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 2968.00 ft (KB)
 2958.00 ft (CF)
 KB to GR/CF: 10.00 ft

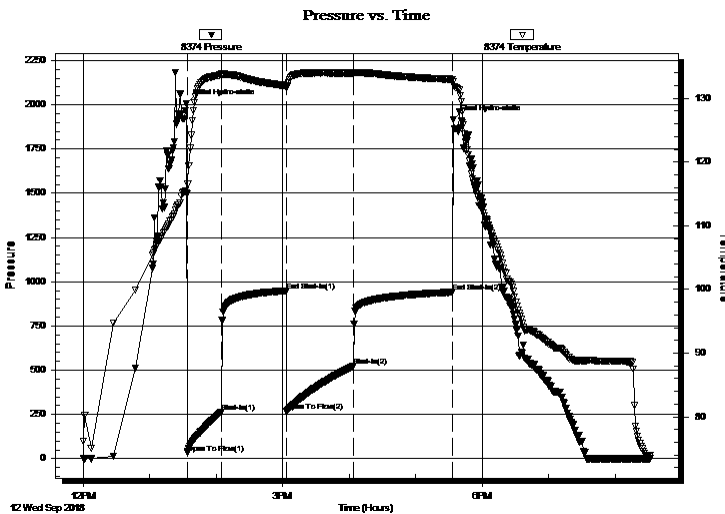
Serial #: 8374

Inside

Press@RunDepth: 521.91 psig @ 4021.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.09.12 End Date: 2018.09.12 Last Calib.: 2018.09.12
 Start Time: 12:00:15 End Time: 20:32:00 Time On Btm: 2018.09.12 @ 13:33:15
 Time Off Btm: 2018.09.12 @ 17:34:15

TEST COMMENT: IF:BOB in 6 min. built to 43"
 IS:Return blow built to 2"
 FF:BOB in 6 in. built to 63"
 FS:Return blow built to 1 1/2 and died back to 1"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2006.40	115.10	Initial Hydro-static
1	33.52	115.05	Open To Flow (1)
32	264.24	133.65	Shut-In(1)
90	948.96	131.98	End Shut-In(1)
90	270.22	131.63	Open To Flow (2)
151	521.91	133.94	Shut-In(2)
240	941.14	132.97	End Shut-In(2)
241	1913.68	132.58	Final Hydro-static

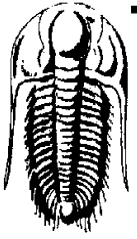
Recovery

Length (ft)	Description	Volume (bbl)
364.00	sw 100% sw	3.41
372.00	ocmw 10% 10%m 80%sw	5.22
62.00	ocmw 20%o 30%m 50%w	0.87
62.00	gcmw o 10%g 30%m 30%o 30%w	0.87
196.00	free oil 100%o	2.75

* Recovery from multiple tests

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
 STE 200
 Wichita KS 67206
 ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott, KS
 Job Ticket: 64379 **DST#: 3**
 Test Start: 2018.09.12 @ 12:00:00

GENERAL INFORMATION:

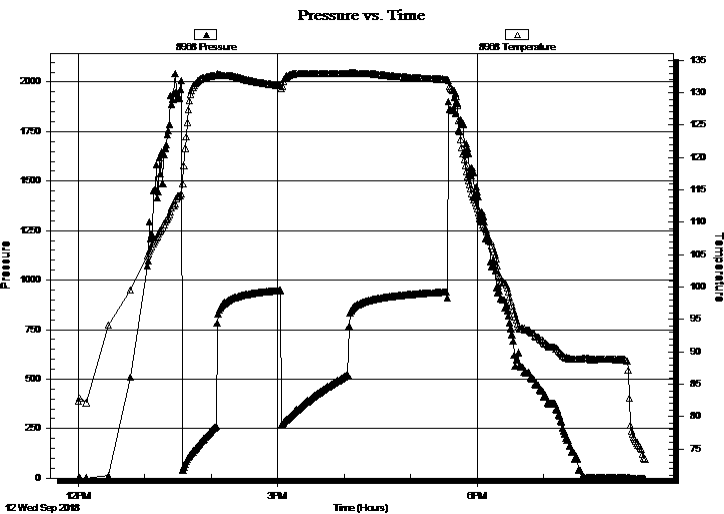
Formation: **LKC D**
 Deviated: No Whipstock: (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 13:33:45 Tester: Mike Roberts
 Time Test Ended: 20:32:00 Unit No: 81
Interval: 4020.00 ft (KB) To 4032.00 ft (KB) (TVD) Reference Elevations: 2968.00 ft (KB)
 Total Depth: 4032.00 ft (KB) (TVD) 2958.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8968

Outside

Press@RunDepth: psig @ 4021.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.09.12 End Date: 2018.09.12 Last Calib.: 2018.09.12
 Start Time: 12:00:15 End Time: 20:32:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF:BOB in 6 min. built to 43"
 IS:Return blow built to 2"
 FF:BOB in 6 in. built to 63"
 FS:Return blow built to 1 1/2 and died back to 1"



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
364.00	sw 100% sw	3.41
372.00	ocmw 10% 10%m 80%sw	5.22
62.00	ocmw 20%o 30%m 50%w	0.87
62.00	gcmw o 10%g 30%m 30%o 30%w	0.87
196.00	free oil 100%o	2.75

* 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.
1625 N Waterfront Pkwy
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64379 **DST#: 3**
Test Start: 2018.09.12 @ 12:00:00

Tool Information

Drill Pipe:	Length: 3815.00 ft	Diameter: 3.80 inches	Volume: 53.51 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: 20000.00 lb
Drill Collar:	Length: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 54.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4020.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	43.00 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			3990.00	
Shut In Tool	5.00			3995.00	
Sampler	3.00			3998.00	
Hydraulic tool	5.00			4003.00	
Jars	5.00			4008.00	
Safety Joint	3.00			4011.00	
Packer	5.00			4016.00	31.00 Bottom Of Top Packer
Packer	4.00			4020.00	
Stubb	1.00			4021.00	
Recorder	0.00	8968	Outside	4021.00	
Recorder	0.00	8374	Inside	4021.00	
Perforations	6.00			4027.00	
Bullnose	5.00			4032.00	12.00 Bottom Packers & Anchor

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.
1625 N Waterfront Pkw y
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64379 **DST#: 3**
Test Start: 2018.09.12 @ 12:00:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 25 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 40000 ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.30 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3400.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
364.00	sw 100% sw	3.412
372.00	ocmw 10% 10%m 80%sw	5.218
62.00	ocmw 20%o 30%m 50%w	0.870
62.00	gcmw o 10%g 30%m 30%o 30%w	0.870
196.00	free oil 100%o	2.749

Total Length: 1056.00 ft Total Volume: 13.119 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW= .212 @ 75.7 = 40,000 ppm
 API 23 @ 80 corrected to 25 @ 60

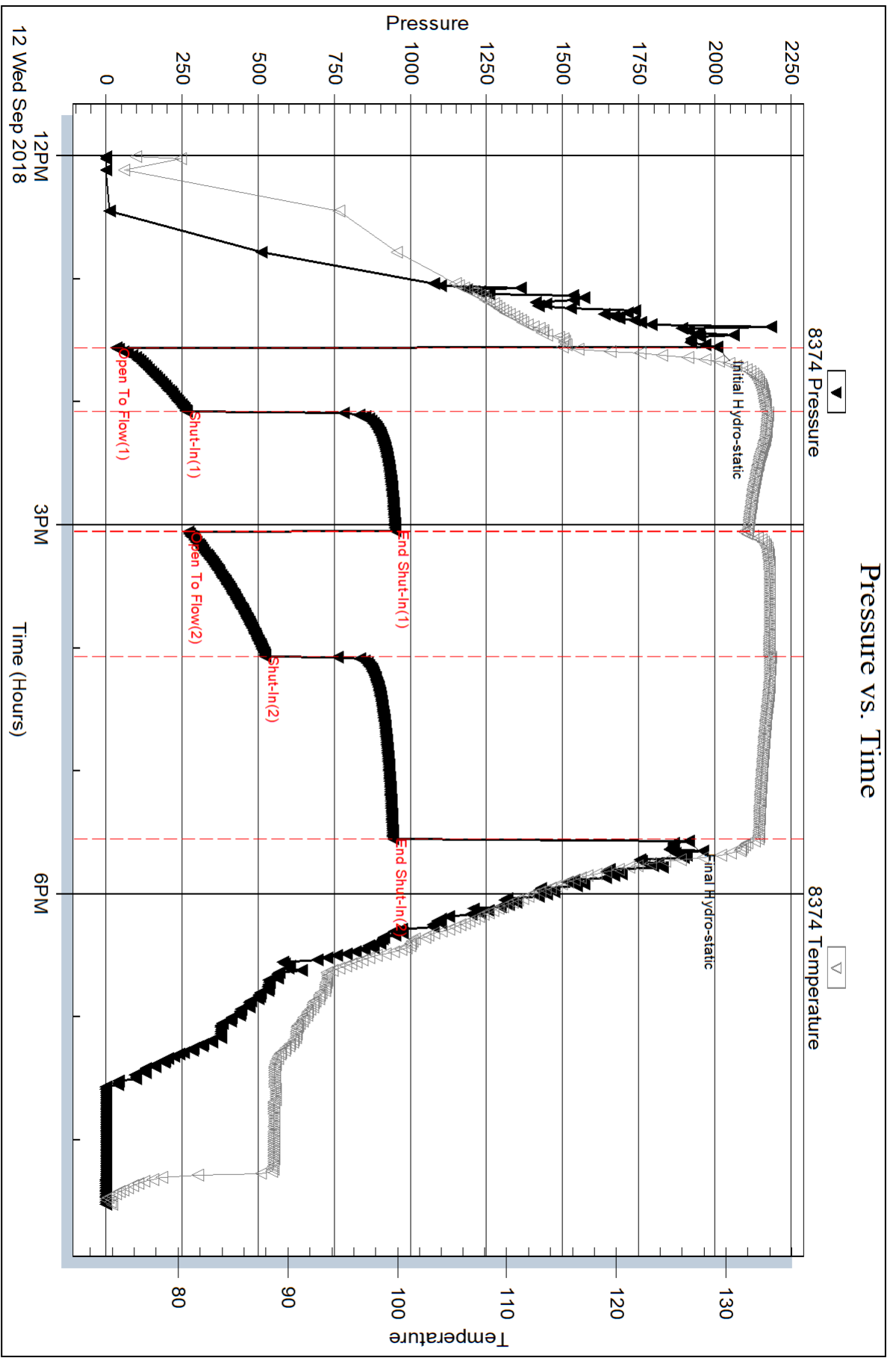
Serial #: 8374

Inside

Stelbar Oil Corp.

18-18s-31w Scottt KS

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 64379

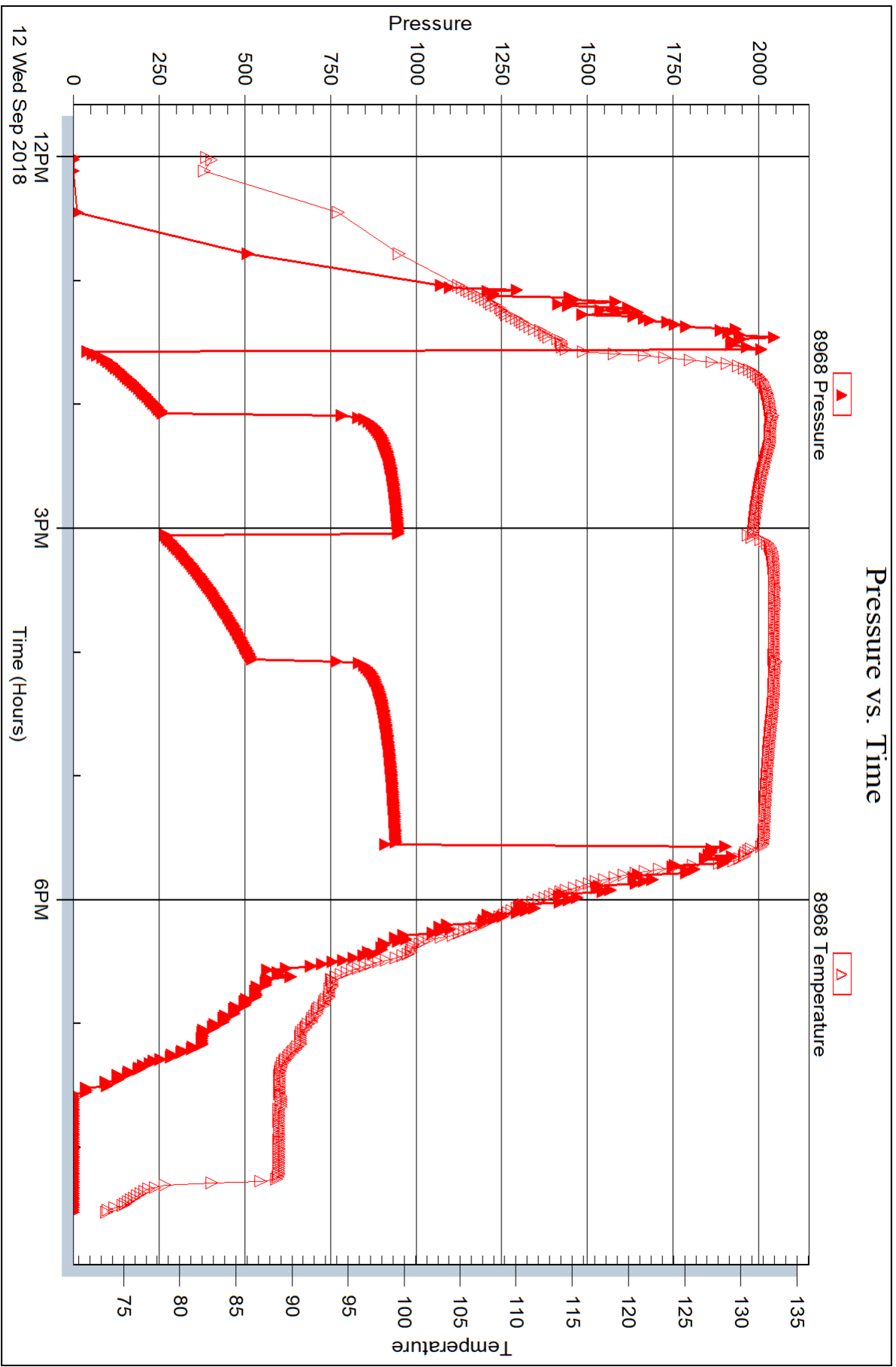
Printed: 2018.09.18 @ 10:06:14

Serial #: 8968

Outside Stebar Oil Corp.

18-18s-31w Scott KS

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 64379

Printed: 2018.09.18 @ 10:06:14



DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

18-18s-31w Scott,KS

Hell Creek Ranch #1-18

Start Date: 2018.09.13 @ 03:43:00

End Date: 2018.09.13 @ 10:48:00

Job Ticket #: 64380 DST #: 4

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

Printed: 2018.09.18 @ 10:02:34



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Stelbar Oil Corp.
1625 N Waterfront Pkw y
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64380 **DST#: 4**
Test Start: 2018.09.13 @ 03:43:00

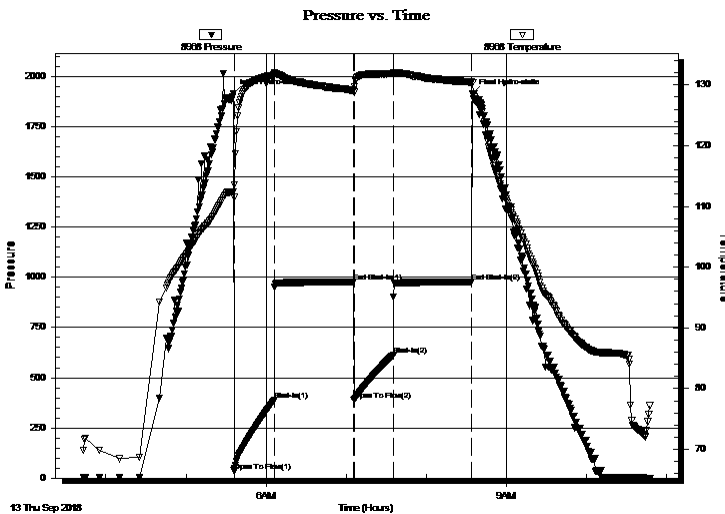
GENERAL INFORMATION:

Formation: **LKC C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:36:00
Time Test Ended: 10:48:00
Test Type: Conventional Straddle (Reset)
Tester: Mike Roberts
Unit No: 81
Interval: **3979.00 ft (KB) To 3989.00 ft (KB) (TVD)**
Reference Elevations: 2968.00 ft (KB)
Total Depth: 4020.00 ft (KB) (TVD)
2958.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair
KB to GR/CF: 10.00 ft

Serial #: 8968 Outside
Press@RunDepth: 612.52 psig @ 3980.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.09.13 End Date: 2018.09.13 Last Calib.: 2018.09.13
Start Time: 03:43:15 End Time: 10:48:00 Time On Btm: 2018.09.13 @ 05:35:45
Time Off Btm: 2018.09.13 @ 08:35:00

TEST COMMENT: IF:BOB in 5 min. Built to 75 1/2" blow
IS:No return blow
FF:BOB in 5 min. Built to 52 1/4" blow
FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1913.14	112.36	Initial Hydro-static
1	36.07	111.51	Open To Flow (1)
31	387.00	131.60	Shut-In(1)
90	976.05	129.10	End Shut-In(1)
91	388.65	128.81	Open To Flow (2)
120	612.52	131.82	Shut-In(2)
179	975.94	130.45	End Shut-In(2)
180	1916.14	130.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
868.00	sw 100%sw	10.55
310.00	w cm 30%w 70%m	4.35

* Recovery from multiple tests

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
STE 200
Wichita KS 67206
ATTN: Dave Goldak

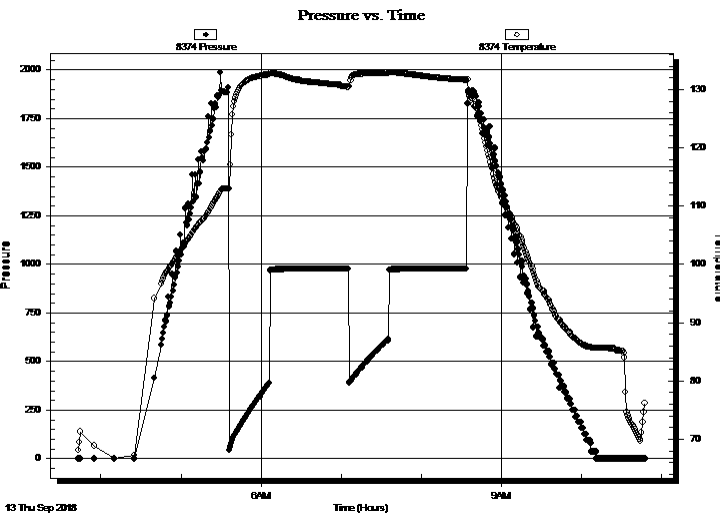
Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64380 **DST#: 4**
Test Start: 2018.09.13 @ 03:43:00

GENERAL INFORMATION:

Formation: **LKC C**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Reset)
Time Tool Opened: 05:36:00 Tester: Mike Roberts
Time Test Ended: 10:48:00 Unit No: 81
Interval: 3979.00 ft (KB) To 3989.00 ft (KB) (TVD) Reference Elevations: 2968.00 ft (KB)
Total Depth: 4020.00 ft (KB) (TVD) 2958.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8374 Inside
Press@RunDepth: psig @ 3980.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.09.13 End Date: 2018.09.13 Last Calib.: 2018.09.13
Start Time: 03:43:15 End Time: 10:48:15 Time On Btm:
Time Off Btm:

TEST COMMENT: IF:BOB in 5 min. Built to 75 1/2" blow
IS:No return blow
FF:BOB in 5 min. Built to 52 1/4" blow
FS:No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
868.00	sw 100%sw	10.55
310.00	w cm 30%w 70%m	4.35

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 Corp.

Hell Creek Ranch #1-18

1625 N Waterfront Pkw y
STE 200
Wichita KS 67206
ATTN: Dave Goldak

18-18s-31w Scott,KS

Job Ticket: 64380

DST#: 4

Test Start: 2018.09.13 @ 03:43:00

Tool Information

Drill Pipe:	Length: 3794.00 ft	Diameter: 3.80 inches	Volume: 53.22 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: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 54.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3979.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	3986.00 ft			
Interval between Packers:	7.00 ft			
Tool Length:	84.00 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			3949.00	
Shut In Tool	5.00			3954.00	
Sampler	3.00			3957.00	
Hydraulic tool	5.00			3962.00	
Jars	5.00			3967.00	
Safety Joint	3.00			3970.00	
Packer	5.00			3975.00	31.00 Bottom Of Top Packer
Packer	4.00			3979.00	
Stubb	1.00			3980.00	
Recorder	0.00	8968	Outside	3980.00	
Recorder	0.00	8374	Inside	3980.00	
Perforations	5.00			3985.00	
Blank Off Sub	1.00			3986.00	7.00 Tool Interval
Packer	3.00			3989.00	
Packer - Shale	0.00			3989.00	
Stubb	1.00			3990.00	
Perforations	3.00			3993.00	
Change Over Sub	1.00			3994.00	
Recorder	0.00	8288	Below	3994.00	
Drill Pipe	32.00			4026.00	
Change Over Sub	1.00			4027.00	
Bullnose	5.00			4032.00	46.00 Bottom Packers & Anchor

Total Tool Length: 84.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.
1625 N Waterfront Pkw y
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64380 **DST#: 4**
Test Start: 2018.09.13 @ 03:43:00

Mud and Cushion Information

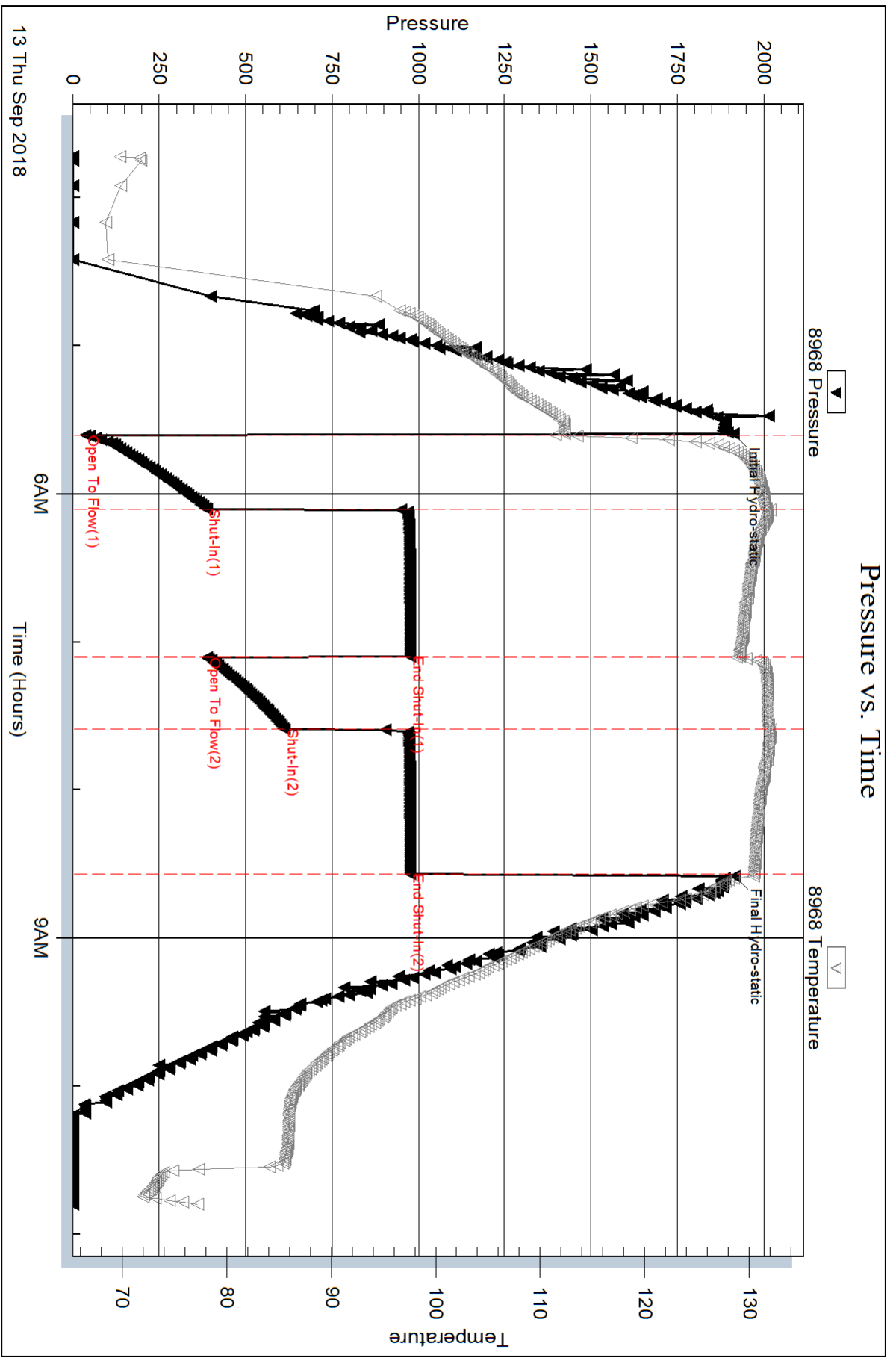
Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 50000 ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.32 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3400.00 ppm		
Filter Cake: 1.00 inches		

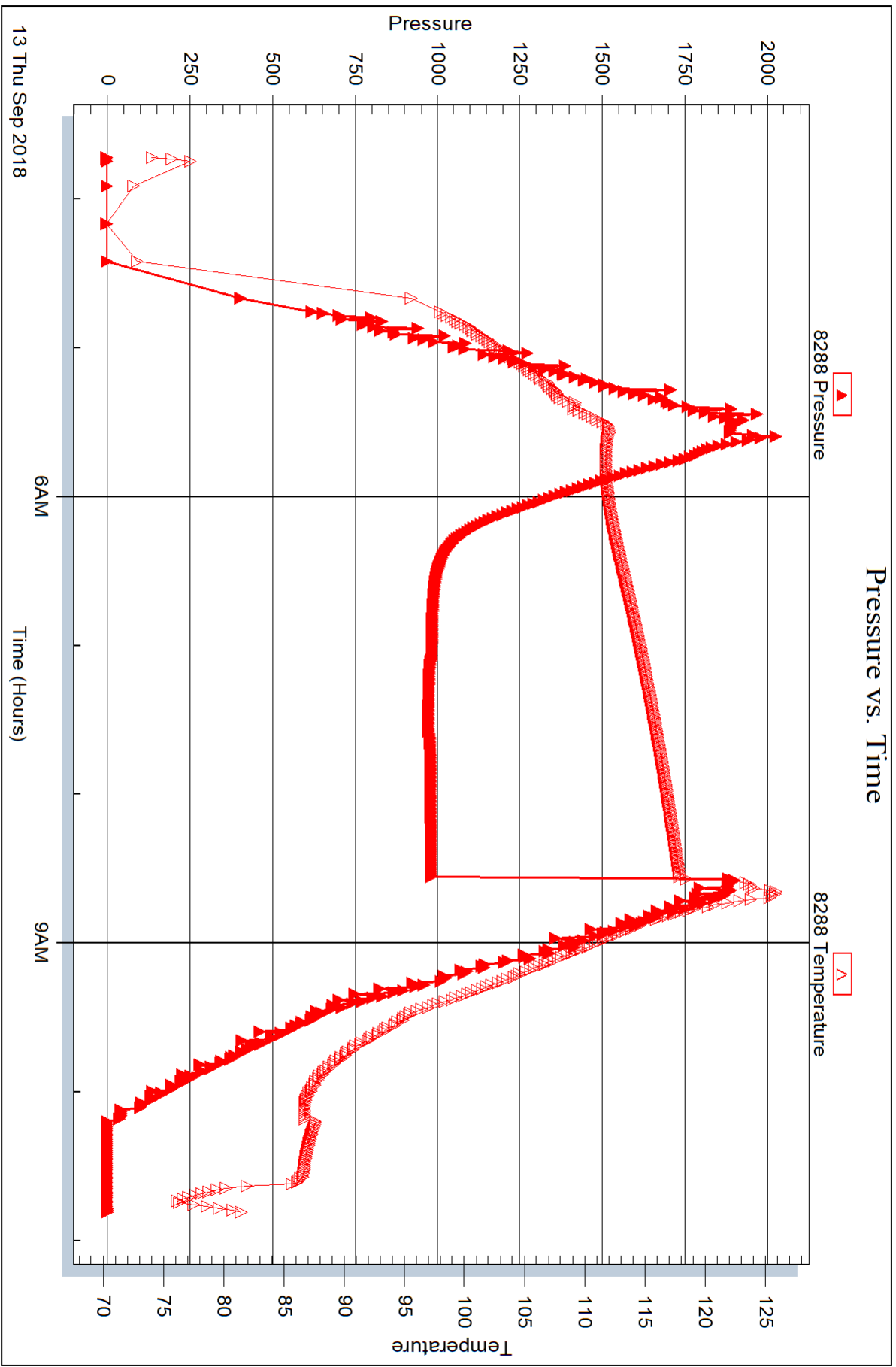
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
868.00	sw 100%sw	10.554
310.00	w cm 30%w 70%m	4.348

Total Length: 1178.00 ft Total Volume: 14.902 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW= .175@ 77.2*= 50,000 ppm





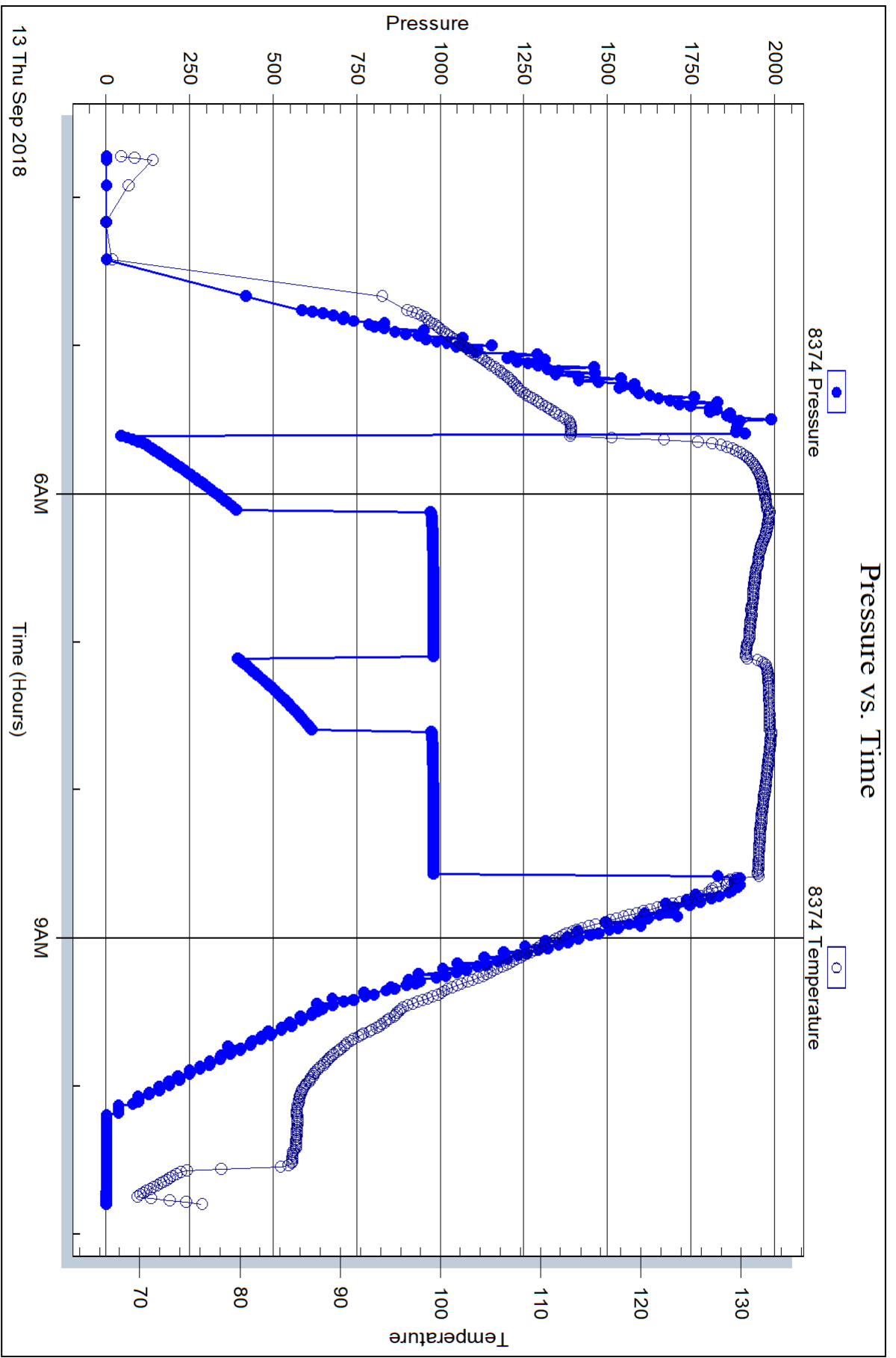
Serial #: 8374

Inside

Stelbar Oil Corp.

18-18s-31w Scott KS

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 64380

Printed: 2018.09.18 @ 10:02:35



DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

18-18s-31w Scott,KS

Hell Creek Ranch #1-18

Start Date: 2018.09.14 @ 00:15:00

End Date: 2018.09.14 @ 08:13:00

Job Ticket #: 64381 DST #: 5

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

Printed: 2018.09.18 @ 10:01:48



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Stelbar Oil Corp.
 1625 N Waterfront Pkw y
 STE 200
 Wichita KS 67206
 ATTN: Dave Goldak

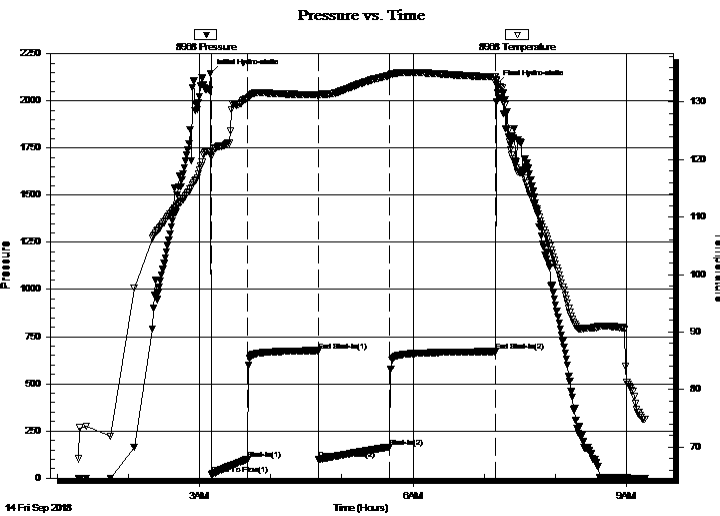
Hell Creek Ranch #1-18
18-18s-31w Scott,KS
 Job Ticket: 64381 **DST#: 5**
 Test Start: 2018.09.14 @ 00:15:00

GENERAL INFORMATION:

Formation: **LKC L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:07:15
 Time Test Ended: 08:13:00
 Interval: **4242.00 ft (KB) To 4264.00 ft (KB) (TVD)**
 Total Depth: 4264.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 2968.00 ft (KB)
 2958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8968 Outside
 Press@RunDepth: 165.23 psig @ 4243.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.09.14 End Date: 2018.09.14 Last Calib.: 2018.09.14
 Start Time: 01:18:15 End Time: 09:16:00 Time On Btm: 2018.09.14 @ 03:09:15
 Time Off Btm: 2018.09.14 @ 07:10:30

TEST COMMENT: IF: Built to 7"
 IS: No return blow
 FF-Blow built to 12"
 FS: No return blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2145.58	121.41	Initial Hydro-static
1	19.83	120.49	Open To Flow (1)
31	97.78	130.49	Shut-In(1)
91	675.93	131.29	End Shut-In(1)
92	99.82	130.94	Open To Flow (2)
152	165.23	134.62	Shut-In(2)
240	670.98	134.35	End Shut-In(2)
242	2086.95	133.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
178.00	MCW10% m 90%W	0.88
124.00	OCMW 2%O 20%M 78%W	1.74
15.00	OCGMW 2%O 2%G 40%M 56%W	0.21
3.00	Free Oil	0.04

* 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.

Hell Creek Ranch #1-18

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206
ATTN: Dave Goldak

18-18s-31w Scott,KS

Job Ticket: 64381

DST#: 5

Test Start: 2018.09.14 @ 00:15:00

Tool Information

Drill Pipe:	Length: 4047.00 ft	Diameter: 3.80 inches	Volume: 56.77 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: 20000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4242.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 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
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4212.00	
Shut In Tool	5.00			4217.00	
Sampler	3.00			4220.00	
Hydraulic tool	5.00			4225.00	
Jars	5.00			4230.00	
Safety Joint	3.00			4233.00	
Packer	5.00			4238.00	31.00 Bottom Of Top Packer
Packer	4.00			4242.00	
Stubb	1.00			4243.00	
Recorder	0.00	8968	Outside	4243.00	
Recorder	0.00	8374	Inside	4243.00	
Perforations	16.00			4259.00	
Bullnose	5.00			4264.00	22.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.
1625 N Waterfront Pkw y
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64381 **DST#: 5**
Test Start: 2018.09.14 @ 00:15:00

Mud and Cushion Information

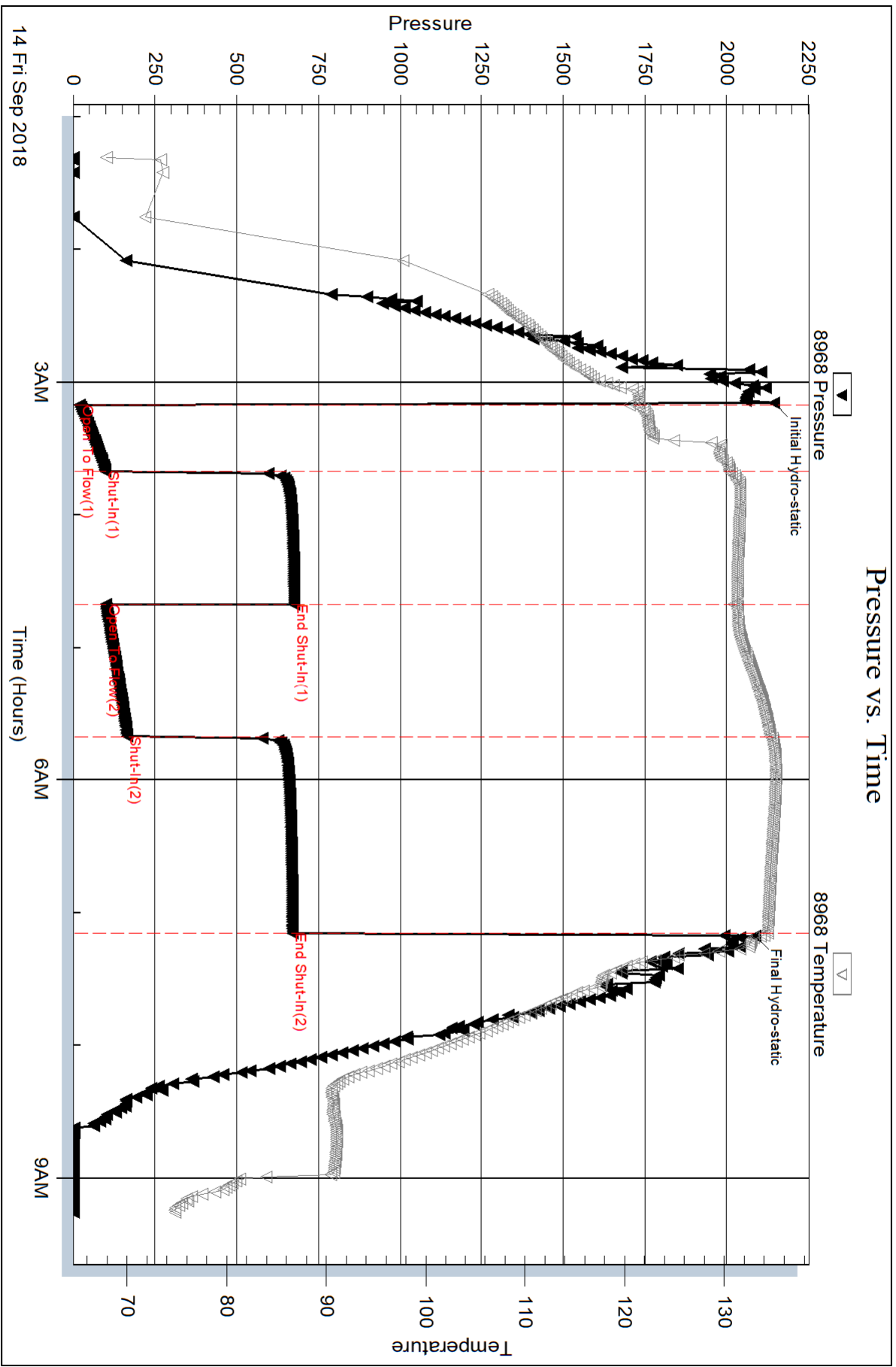
Mud Type: Gel Chem	Cushion Type:	Oil API: 28 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 40000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.34 in ³	Gas Cushion Type:	
Resistivity: 4200.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
178.00	MCW10% m 90%W	0.875
124.00	OCMW 2%O 20%M 78%W	1.739
15.00	OCGMW 2%O 2%G 40%M 56%W	0.210
3.00	Free Oil	0.042

Total Length: 320.00 ft Total Volume: 2.866 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW=.196@72.7*=40000 PPM
API=28@60 Corrected to 28



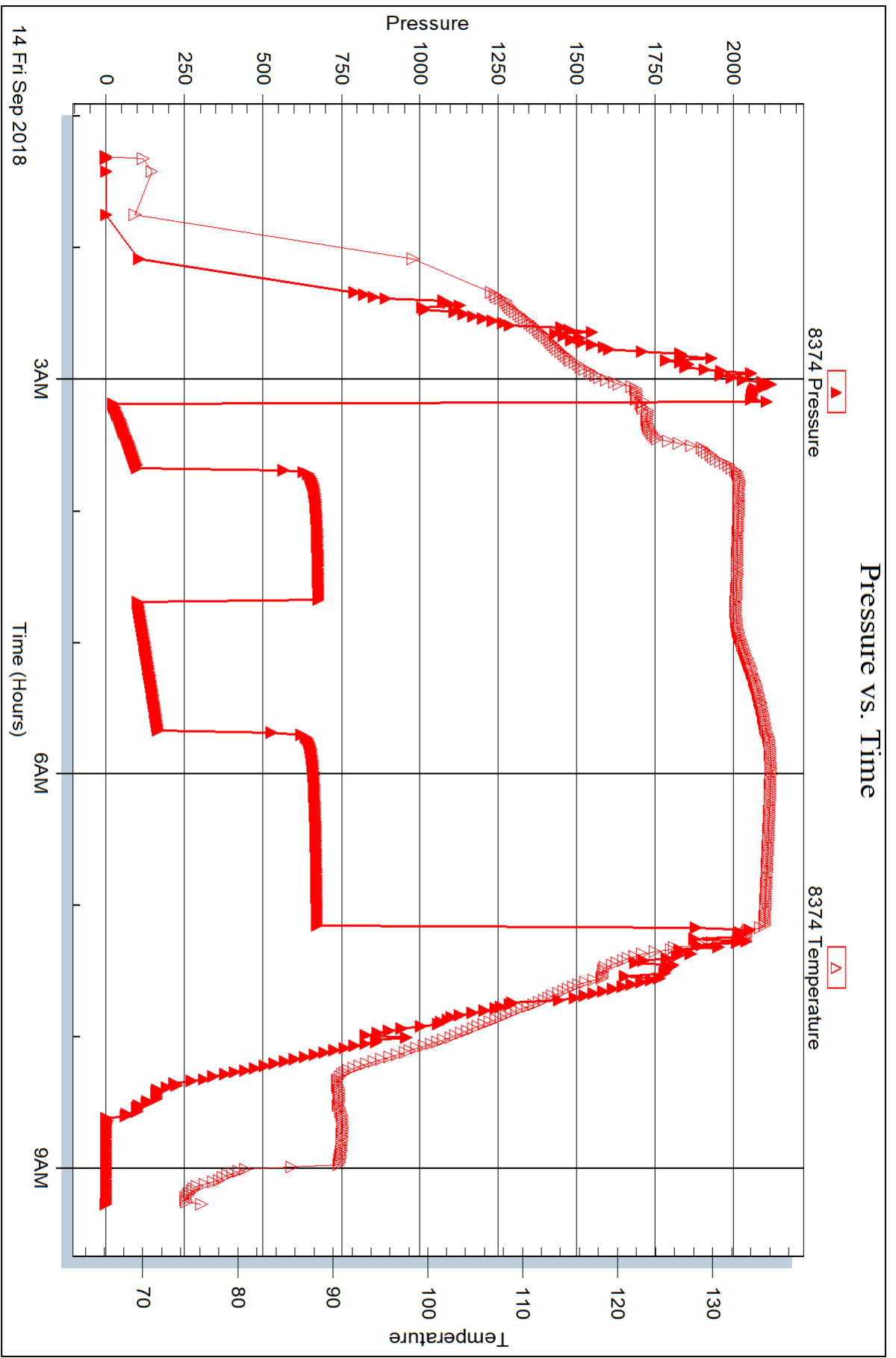
Serial #: 8374

Inside

Stelbar Oil Corp.

18-18s-31w Scottt KS

DST Test Number: 5





DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

18-18s-31w Scott,KS

Hell Creek Ranch #1-18

Start Date: 2018.09.14 @ 18:18:15

End Date: 2018.09.15 @ 01:07:30

Job Ticket #: 64382 DST #: 6

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

Printed: 2018.09.18 @ 10:01:26



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Stelbar Oil Corp.
 1625 N Waterfront Pkw y
 STE 200
 Wichita KS 67206
 ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
 Job Ticket: 64382 **DST#: 6**
 Test Start: 2018.09.14 @ 18:18:15

GENERAL INFORMATION:

Formation: **Pleasanton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:21:30
 Time Test Ended: 01:07:30
 Interval: **4282.00 ft (KB) To 4296.00 ft (KB) (TVD)**
 Total Depth: 4296.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 2968.00 ft (KB)
 2958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8968

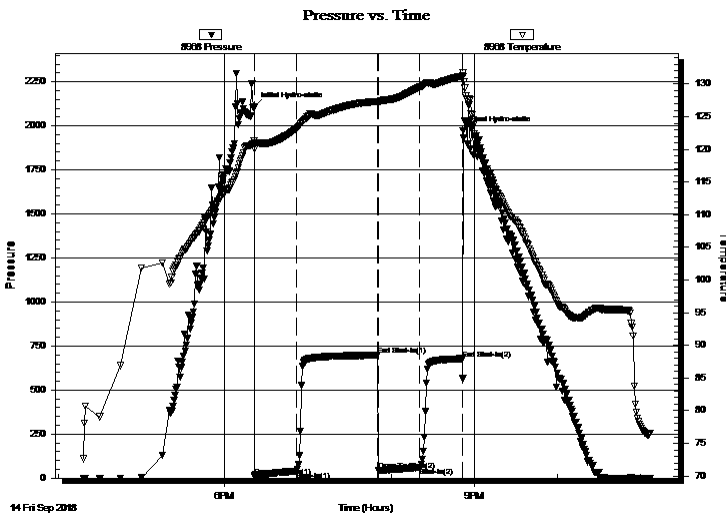
Outside

Press@RunDepth: 60.76 psig @ 4283.00 ft (KB)
 Start Date: 2018.09.14 End Date: 2018.09.14
 Start Time: 16:18:00 End Time: 23:07:15
 Capacity: 8000.00 psig
 Last Calib.: 2018.09.14
 Time On Btm: 2018.09.14 @ 18:21:00
 Time Off Btm: 2018.09.14 @ 20:52:00

TEST COMMENT: IF: Built to 2 3/4"
 IS: no return blow
 FF: Built to 1"
 FS: no return blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2105.39	121.31	Initial Hydro-static
1	10.61	120.02	Open To Flow (1)
31	40.99	123.26	Shut-In(1)
90	697.81	127.36	End Shut-In(1)
90	43.66	126.97	Open To Flow (2)
120	60.76	129.53	Shut-In(2)
151	678.04	131.20	End Shut-In(2)
151	1970.43	131.78	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
70.00	OCM 10%O 90%M	0.34

* 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.

Hell Creek Ranch #1-18

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206
ATTN: Dave Goldak

18-18s-31w Scott,KS

Job Ticket: 64382

DST#: 6

Test Start: 2018.09.14 @ 18:18:15

Tool Information

Drill Pipe:	Length: 4093.00 ft	Diameter: 3.80 inches	Volume: 57.41 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: 20000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4282.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	45.00 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			4252.00	
Shut In Tool	5.00			4257.00	
Sampler	3.00			4260.00	
Hydraulic tool	5.00			4265.00	
Jars	5.00			4270.00	
Safety Joint	3.00			4273.00	
Packer	5.00			4278.00	31.00 Bottom Of Top Packer
Packer	4.00			4282.00	
Stubb	1.00			4283.00	
Recorder	0.00	8968	Outside	4283.00	
Recorder	0.00	8374	Inside	4283.00	
Perforations	8.00			4291.00	
Bullnose	5.00			4296.00	14.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.
1625 N Waterfront Pkw y
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64382 **DST#: 6**
Test Start: 2018.09.14 @ 18:18:15

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.15 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

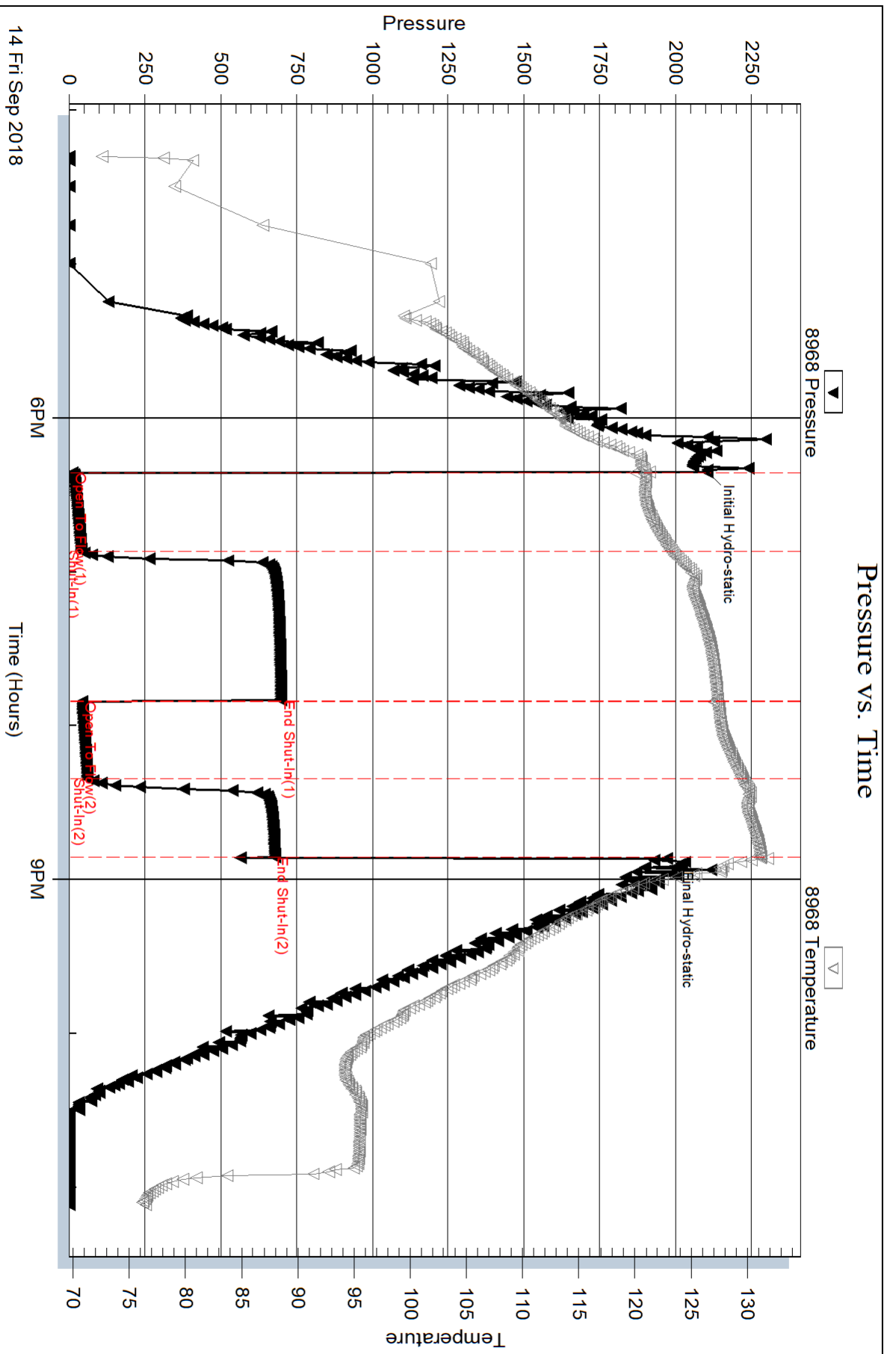
Length ft	Description	Volume bbl
70.00	OCM 10%O 90%M	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



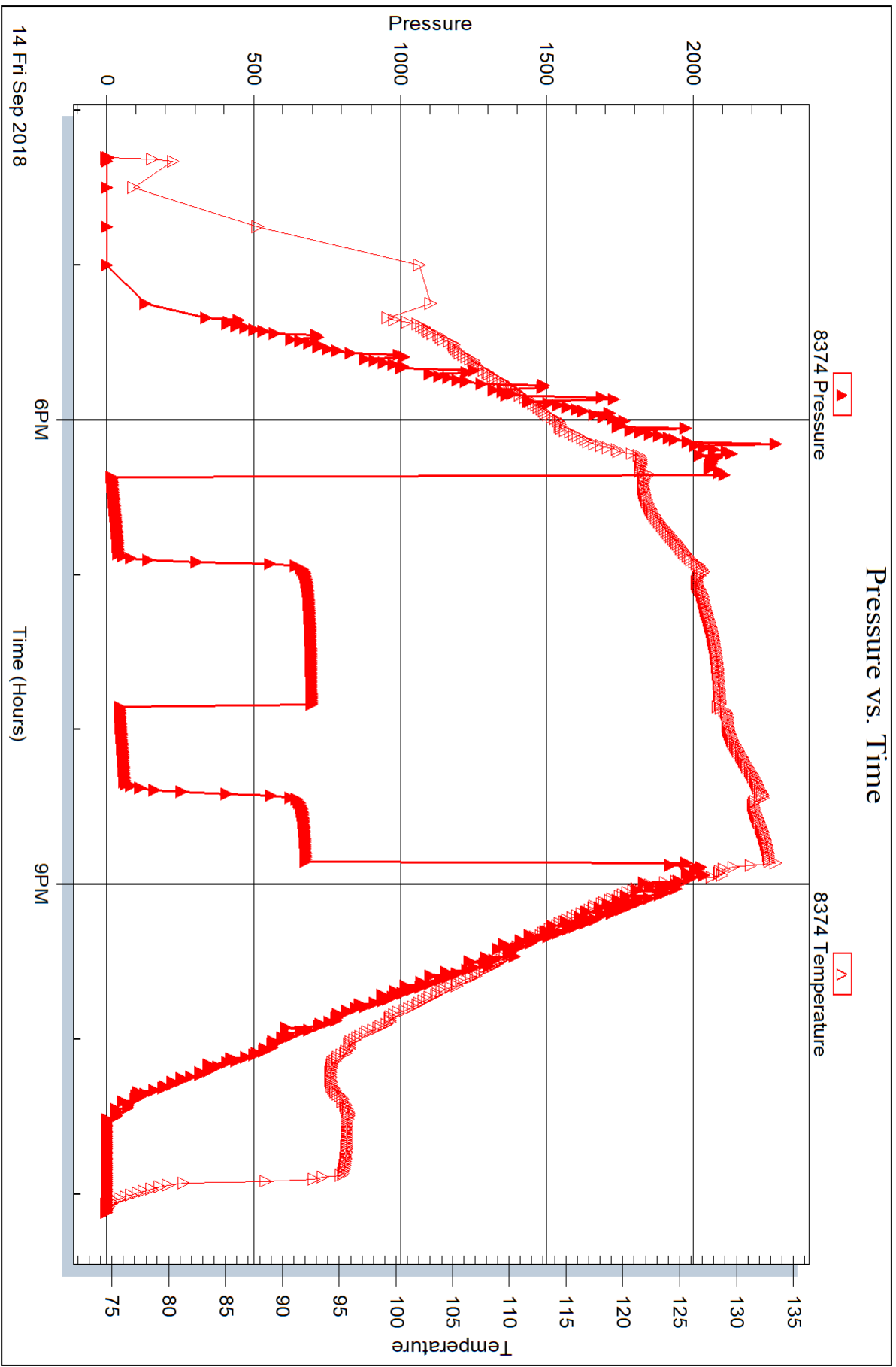
Serial #: 8374

Inside

Stelbar Oil Corp.

18-18s-31w Scottt,KS

DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 64382

Printed: 2018.09.18 @ 10:01:27



DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

18-18s-31w Scott,KS

Hell Creek Ranch #1-18

Start Date: 2018.09.15 @ 07:52:15

End Date: 2018.09.15 @ 17:26:45

Job Ticket #: 64383 DST #: 7

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

Printed: 2018.09.18 @ 10:01:06

Stelbar Oil Corp.

Hell Creek Ranch #1-18

18-18s-31w Scott,KS

DST # 7

Marmaton "C"

2018.09.15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Stelbar Oil Corp.
 1625 N Waterfront Pkw y
 STE 200
 Wichita KS 67206
 ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
 Job Ticket: 64383 **DST#: 7**
 Test Start: 2018.09.15 @ 07:52:15

GENERAL INFORMATION:

Formation: **Marmaton "C"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:46:30
 Time Test Ended: 17:26:45
 Interval: **4347.00 ft (KB) To 4358.00 ft (KB) (TVD)**
 Total Depth: 4358.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 2968.00 ft (KB)
 2958.00 ft (CF)
 KB to GR/CF: 10.00 ft

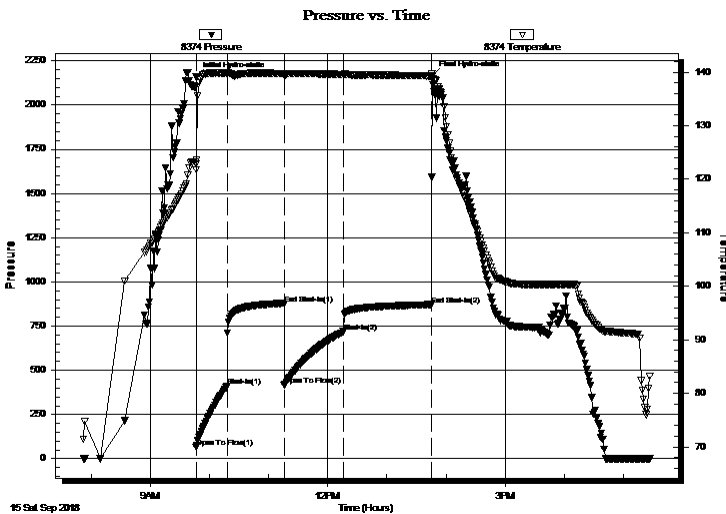
Serial #: 8374

Inside

Press@RunDepth: 718.67 psig @ 4348.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.09.15 End Date: 2018.09.15 Last Calib.: 2018.09.15
 Start Time: 07:52:15 End Time: 17:26:45 Time On Btm: 2018.09.15 @ 09:46:15
 Time Off Btm: 2018.09.15 @ 13:46:00

TEST COMMENT: IF:BOB in 4 min. Built to 80"
 IS:Return blow built to 7"
 FF:BOB in 5 min. Built to 95 1/2"
 FS:Return blow built to 1 1/2" and died to 1"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2158.91	122.89	Initial Hydro-static
1	64.85	121.70	Open To Flow (1)
32	410.39	139.82	Shut-In(1)
90	875.85	139.74	End Shut-In(1)
90	417.93	139.47	Open To Flow (2)
150	718.67	139.58	Shut-In(2)
239	871.27	139.25	End Shut-In(2)
240	2166.20	139.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
320.00	mcsw 20%m 80%sw	2.87
1280.00	gco 10%g 90%o	17.96

* Recovery from multiple tests

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
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64383 **DST#: 7**
Test Start: 2018.09.15 @ 07:52:15

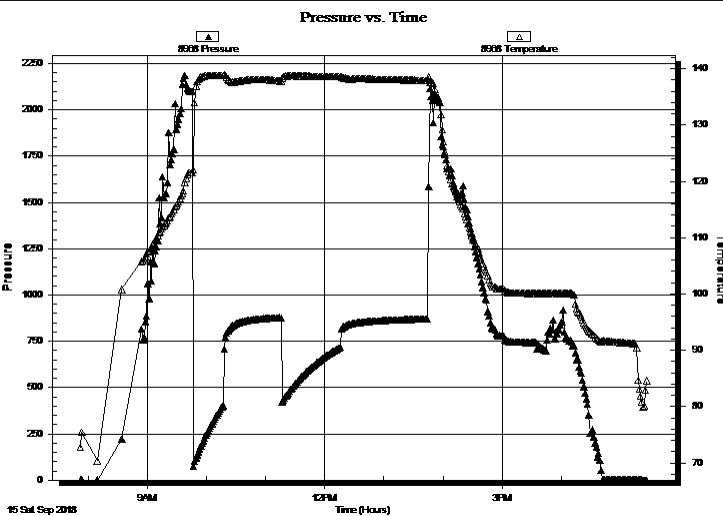
GENERAL INFORMATION:

Formation: **Marmaton "C"**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Reset)
Time Tool Opened: 09:46:30 Tester: Mike Roberts
Time Test Ended: 17:26:45 Unit No: 81

Interval: **4347.00 ft (KB) To 4358.00 ft (KB) (TVD)** Reference Elevations: 2968.00 ft (KB)
Total Depth: 4358.00 ft (KB) (TVD) 2958.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8968 Outside
Press@RunDepth: psig @ 4348.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.09.15 End Date: 2018.09.15 Last Calib.: 2018.09.15
Start Time: 07:52:15 End Time: 17:26:45 Time On Btm:
Time Off Btm:

TEST COMMENT: IF:BOB in 4 min. Built to 80"
IS:Return blow built to 7"
FF:BOB in 5 min. Built to 95 1/2"
FS:Return blow built to 1 1/2" and died to 1"



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

Recovery		
Length (ft)	Description	Volume (bbl)
320.00	mcsw 20% m 80% sw	2.87
1280.00	gco 10% g 90% o	17.96

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 Corp.
1625 N Waterfront Pkwy
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64383 **DST#: 7**
Test Start: 2018.09.15 @ 07:52:15

Tool Information

Drill Pipe:	Length: 4144.00 ft	Diameter: 3.80 inches	Volume: 58.13 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: 20000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 59.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4347.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	4358.00 ft			
Interval between Packers:	11.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4317.00	
Shut In Tool	5.00			4322.00	
Sampler	3.00			4325.00	
Hydraulic tool	5.00			4330.00	
Jars	5.00			4335.00	
Safety Joint	3.00			4338.00	
Packer	5.00			4343.00	31.00 Bottom Of Top Packer
Packer	4.00			4347.00	
Stubb	1.00			4348.00	
Recorder	0.00	8968	Outside	4348.00	
Recorder	0.00	8374	Inside	4348.00	
Perforations	5.00			4353.00	
Bullnose	5.00			4358.00	11.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.
1625 N Waterfront Pkw y
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64383 **DST#: 7**
Test Start: 2018.09.15 @ 07:52:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 22 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 40000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.17 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4700.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
320.00	mcsw 20%m 80%sw	2.867
1280.00	gco 10%g 90%o	17.955

Total Length: 1600.00 ft Total Volume: 20.822 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API= 25@90 corrected to 22 @ 60
 RW= .162 @ 88.6= 40,000 ppm

Serial #: 8374

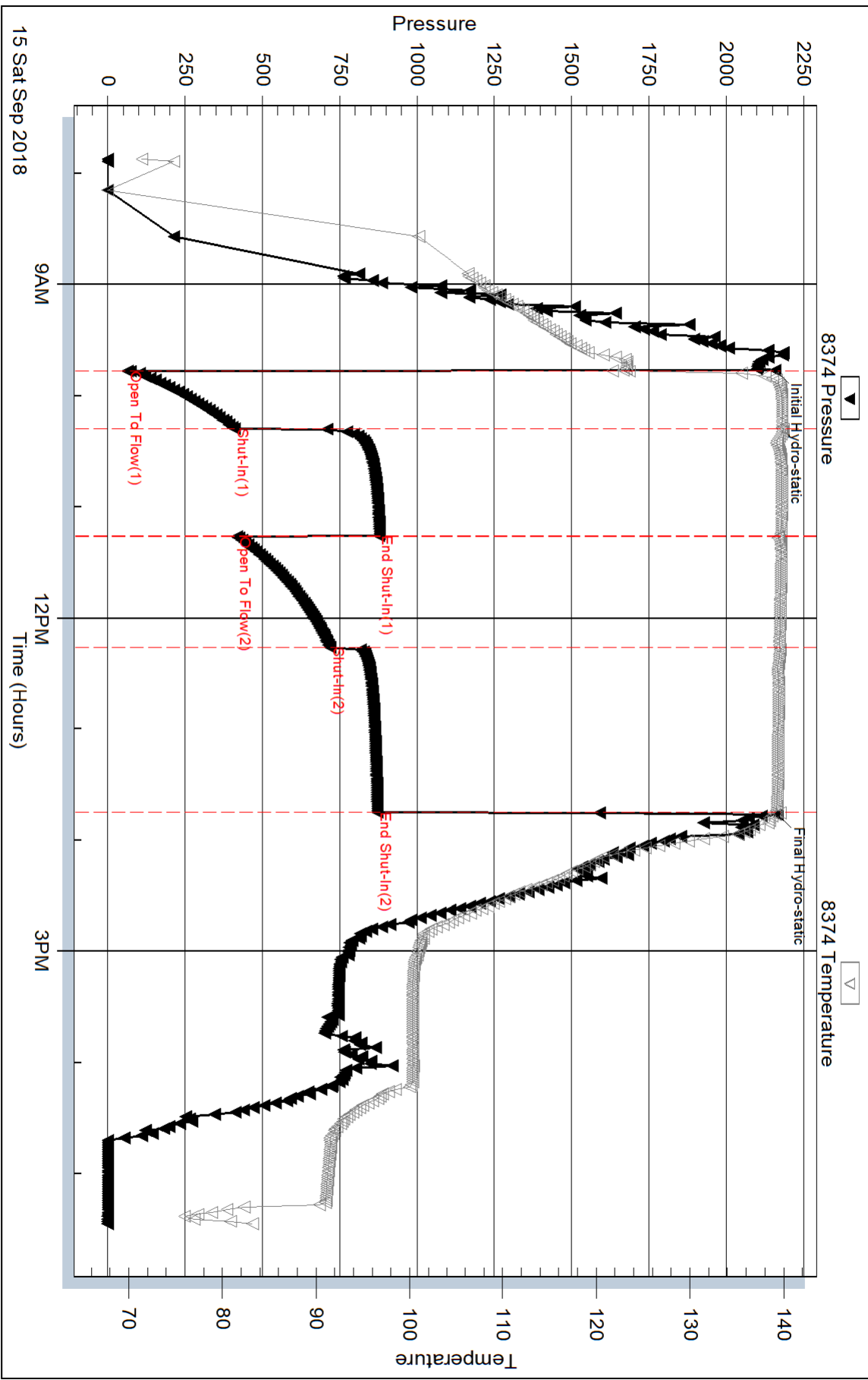
Inside

Stelbar Oil Corp.

18-18s-31w Scottt,KS

DST Test Number: 7

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 64383

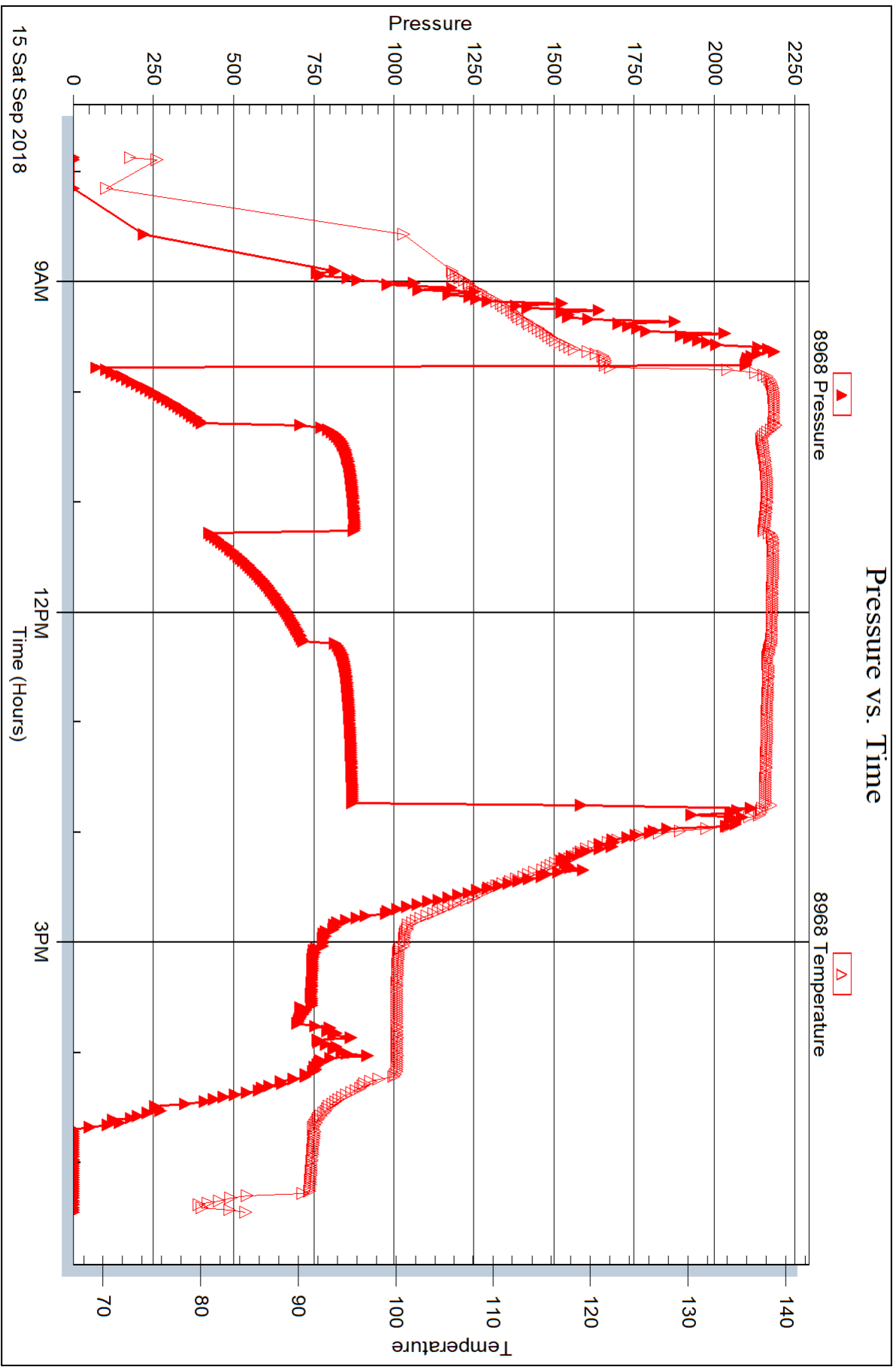
Printed: 2018.09.18 @ 10:01:07

Serial #: 8968

Outside Stebar Oil Corp.

18-18s-31w Scott, KS

DST Test Number: 7





DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

18-18s-31w Scott,KS

Hell Creek Ranch #1-18

Start Date: 2018.09.16 @ 07:37:15

End Date: 2018.09.16 @ 13:50:45

Job Ticket #: 64384 DST #: 8

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

Printed: 2018.09.18 @ 10:00:42



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Stelbar Oil Corp.
 1625 N Waterfront Pkw y
 STE 200
 Wichita KS 67206
 ATTN: Dave Goldak

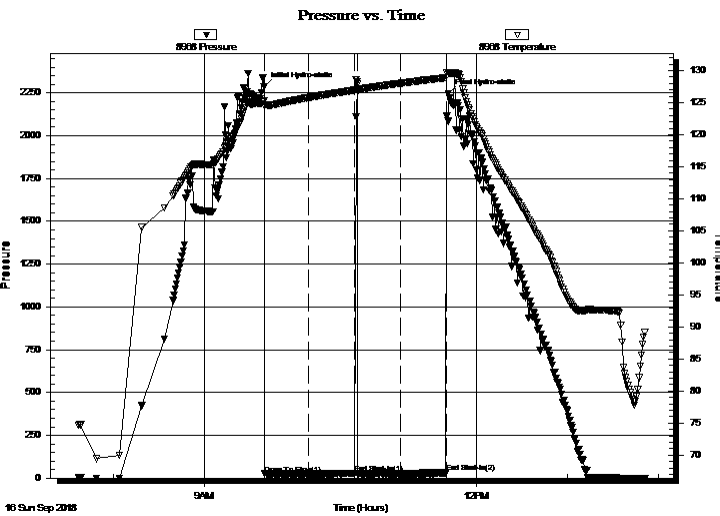
Hell Creek Ranch #1-18
18-18s-31w Scott,KS
 Job Ticket: 64384 **DST#: 8**
 Test Start: 2018.09.16 @ 07:37:15

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:40:00
 Time Test Ended: 13:50:45
 Interval: **4504.00 ft (KB) To 4531.00 ft (KB) (TVD)**
 Total Depth: 4546.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 2968.00 ft (KB)
 2958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8968 Outside
 Press@RunDepth: 28.30 psig @ 4527.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.09.16 End Date: 2018.09.16 Last Calib.: 2018.09.16
 Start Time: 07:37:15 End Time: 13:50:45 Time On Btm: 2018.09.16 @ 09:39:30
 Time Off Btm: 2018.09.16 @ 11:41:15

TEST COMMENT: IF:No blow
 IS:No return blow
 FF:No blow ---flushed tool---no blow
 FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2286.44	125.36	Initial Hydro-static
1	24.37	124.49	Open To Flow (1)
30	25.34	125.79	Shut-In(1)
60	29.60	126.95	End Shut-In(1)
62	26.97	126.80	Open To Flow (2)
91	28.30	128.03	Shut-In(2)
121	31.04	128.89	End Shut-In(2)
122	2244.07	129.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud w ith oil spots	0.01

* 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.

Hell Creek Ranch #1-18

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206
ATTN: Dave Goldak

18-18s-31w Scott,KS

Job Ticket: 64384

DST#: 8

Test Start: 2018.09.16 @ 07:37:15

Tool Information

Drill Pipe:	Length: 4302.00 ft	Diameter: 3.80 inches	Volume: 60.35 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: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 61.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4504.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	4528.00 ft			
Interval between Packers:	24.00 ft			
Tool Length:	70.00 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			4474.00	
Shut In Tool	5.00			4479.00	
Sampler	3.00			4482.00	
Hydraulic tool	5.00			4487.00	
Jars	5.00			4492.00	
Safety Joint	3.00			4495.00	
Packer	5.00			4500.00	31.00 Bottom Of Top Packer
Packer	4.00			4504.00	
Stubb	1.00			4505.00	
Perforations	22.00			4527.00	
Recorder	0.00	8968	Outside	4527.00	
Recorder	0.00	8374	Inside	4527.00	
Blank Off Sub	1.00			4528.00	24.00 Tool Interval
Packer	0.00			4528.00	
Stubb	1.00			4529.00	
Perforations	9.00			4538.00	
Recorder	0.00	8288	Below	4538.00	
Bullnose	5.00			4543.00	15.00 Bottom Packers & Anchor
Total Tool Length:	70.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.

Hell Creek Ranch #1-18

1625 N Waterfront Pkw y
STE 200
Wichita KS 67206
ATTN: Dave Goldak

18-18s-31w Scott,KS

Job Ticket: 64384 **DST#: 8**

Test Start: 2018.09.16 @ 07:37:15

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: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud w ith oil spots	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

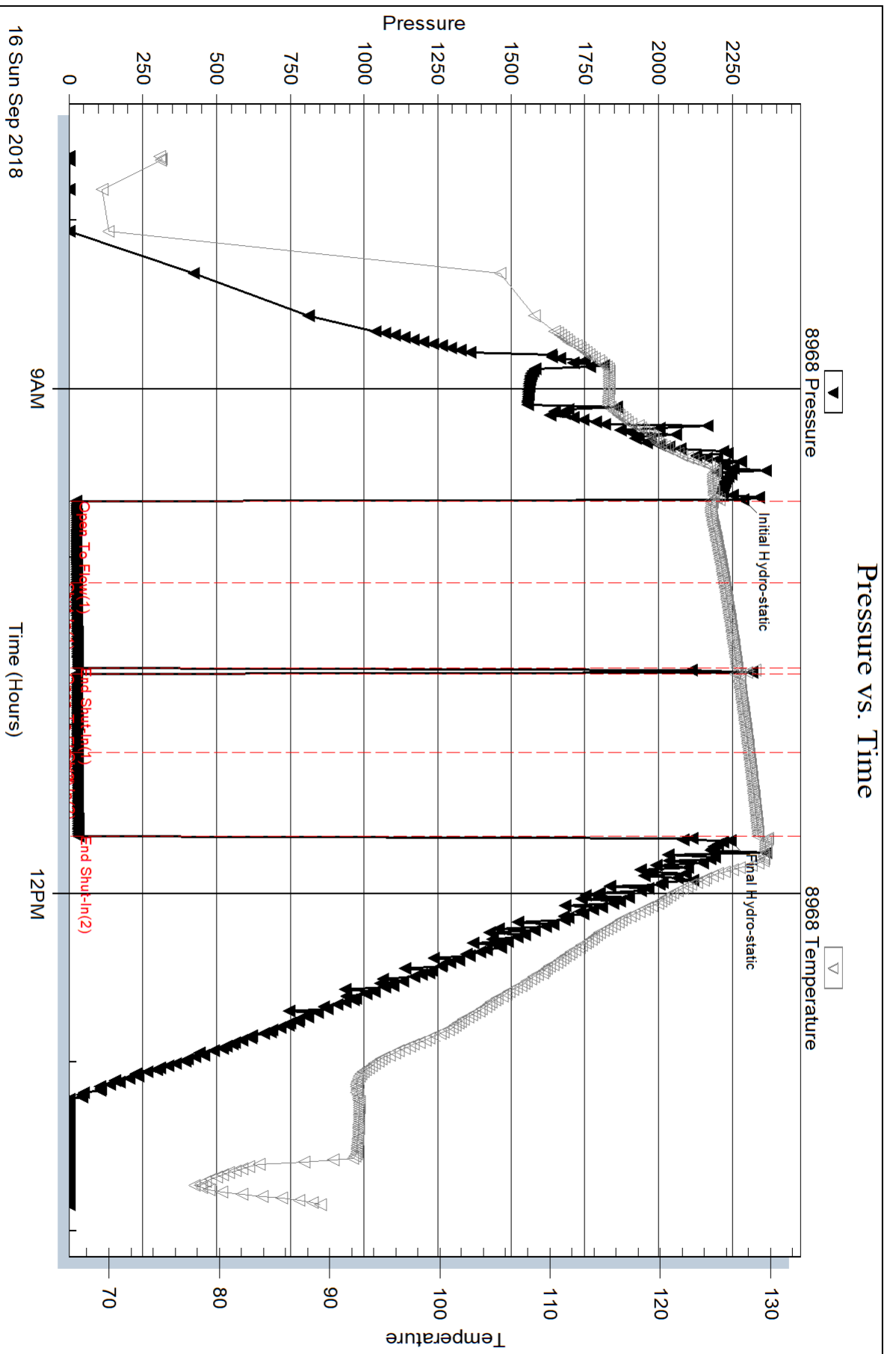
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



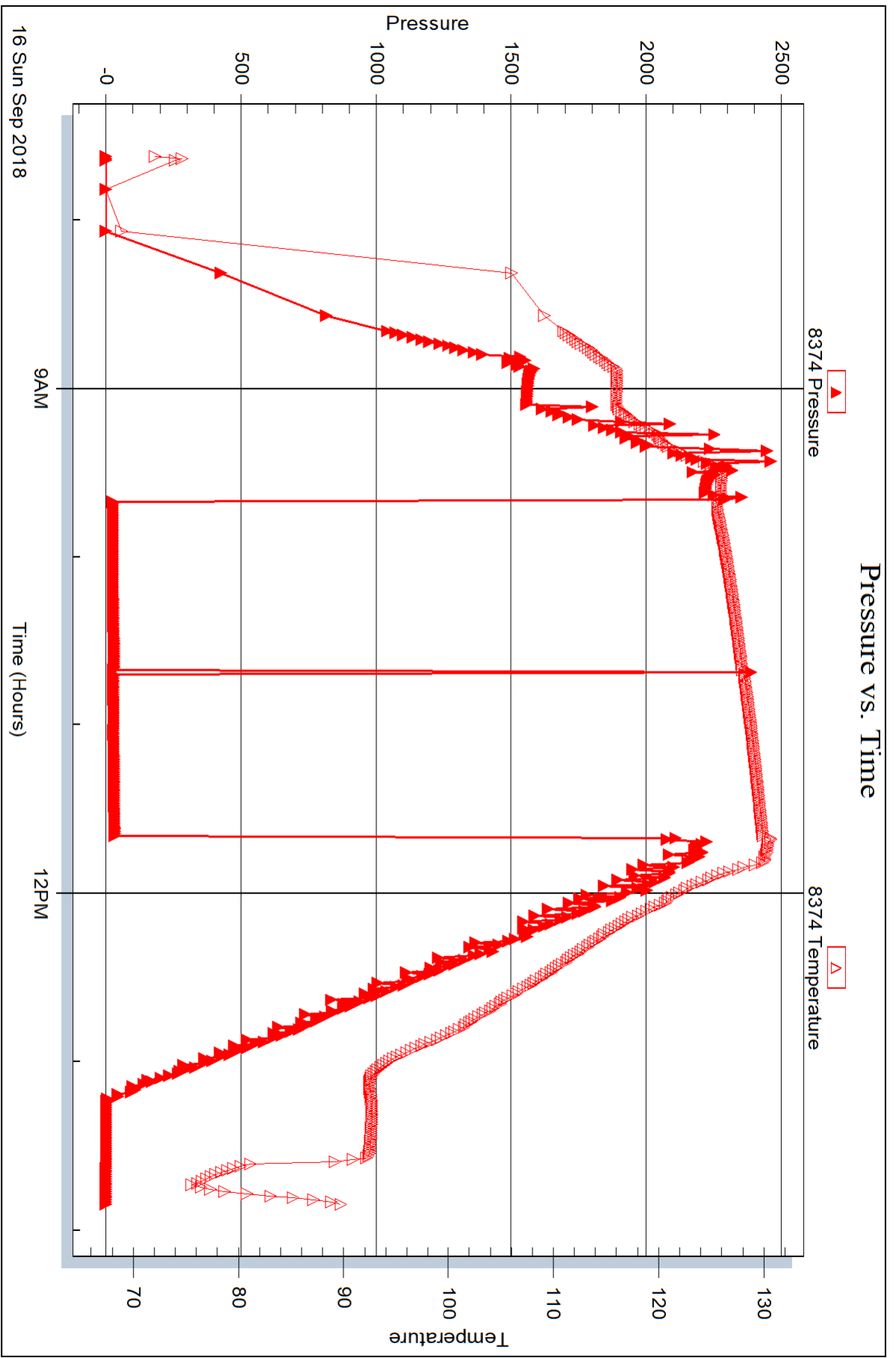
Serial #: 8374

Inside

Stelbar Oil Corp.

18-18s-31w Scott KS

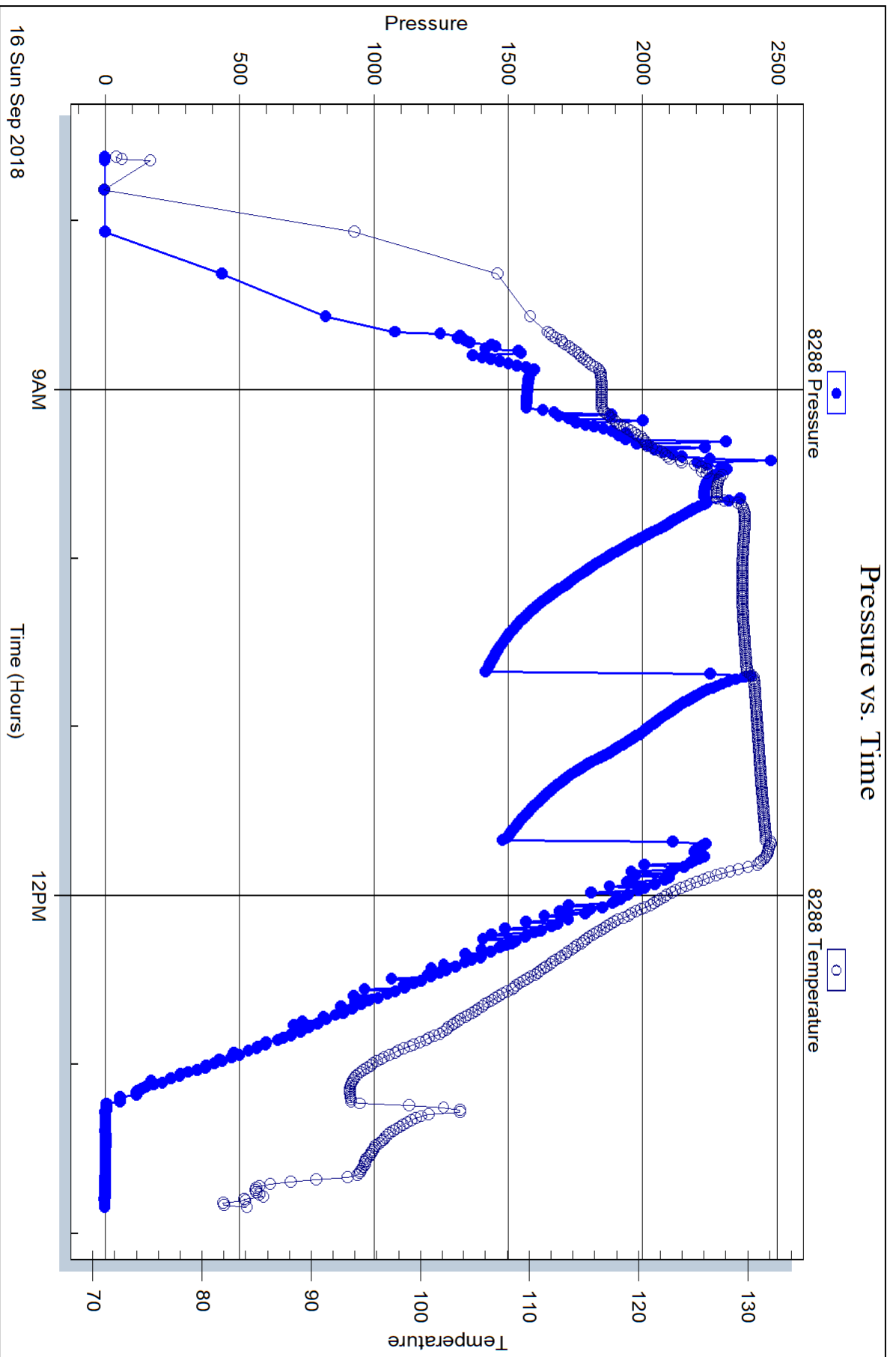
DST Test Number: 8



Trilobite Testing, Inc

Ref. No: 64384

Printed: 2018.09.18 @ 10:00:43





DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

18-18s-31w Scott,KS

Hell Creek Ranch #1-18

Start Date: 2018.09.16 @ 21:29:00

End Date: 2018.09.17 @ 05:46:00

Job Ticket #: 64385 DST #: 9

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

Printed: 2018.09.18 @ 09:59:42



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Stelbar Oil Corp.
 1625 N Waterfront Pkw y
 STE 200
 Wichita KS 67206
 ATTN: Dave Goldak

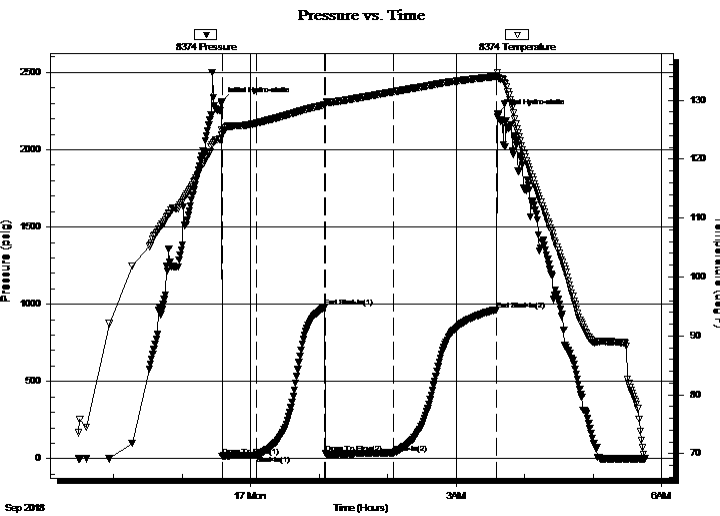
Hell Creek Ranch #1-18
18-18s-31w Scott,KS
 Job Ticket: 64385 **DST#: 9**
 Test Start: 2018.09.16 @ 21:29:00

GENERAL INFORMATION:

Formation: **Miss-St Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:35:00
 Time Test Ended: 05:46:00
 Interval: **4559.00 ft (KB) To 4570.00 ft (KB) (TVD)**
 Total Depth: 4570.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 2968.00 ft (KB)
 2958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8374 Inside
 Press@RunDepth: 38.15 psig @ 4560.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.09.16 End Date: 2018.09.17 Last Calib.: 2018.09.17
 Start Time: 21:29:15 End Time: 05:46:00 Time On Btm: 2018.09.16 @ 23:34:45
 Time Off Btm: 2018.09.17 @ 03:36:30

TEST COMMENT: IF: Built to 3 1/2" blow
 IS: No return blow
 FF: Built to 10" blow
 FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2313.23	124.89	Initial Hydro-static
1	15.73	124.20	Open To Flow (1)
31	23.32	126.10	Shut-In(1)
90	979.04	129.19	End Shut-In(1)
91	36.52	129.23	Open To Flow (2)
151	38.15	131.42	Shut-In(2)
241	964.96	134.03	End Shut-In(2)
242	2234.42	134.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	mco 40% m 60% o	0.15

* Recovery from multiple tests

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
STE 200
Wichita KS 67206
ATTN: Dave Goldak

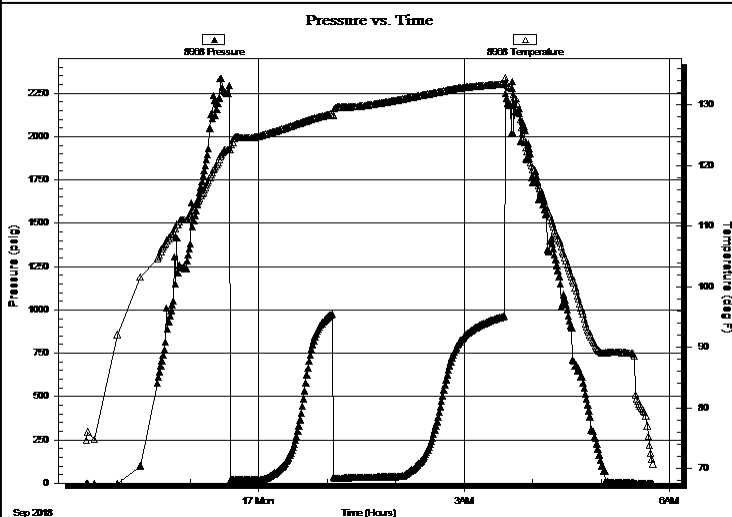
Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64385 **DST#: 9**
Test Start: 2018.09.16 @ 21:29:00

GENERAL INFORMATION:

Formation: **Miss-St Louis**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:35:00
Time Test Ended: 05:46:00
Interval: **4559.00 ft (KB) To 4570.00 ft (KB) (TVD)**
Total Depth: 4570.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Mike Roberts
Unit No: 81
Reference Elevations: 2968.00 ft (KB)
2958.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8968 Outside
Press@RunDepth: psig @ 4560.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.09.16 End Date: 2018.09.17 Last Calib.: 2018.09.17
Start Time: 21:29:15 End Time: 05:46:00 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Built to 3 1/2" blow
IS: No return blow
FF: Built to 10" blow
FS: No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	mco 40% m 60% o	0.15

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 Corp.
1625 N Waterfront Pkwy
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64385 **DST#: 9**
Test Start: 2018.09.16 @ 21:29:00

Tool Information

Drill Pipe:	Length: 4366.00 ft	Diameter: 3.80 inches	Volume: 61.24 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: 20000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4559.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4529.00	
Shut In Tool	5.00			4534.00	
Sampler	3.00			4537.00	
Hydraulic tool	5.00			4542.00	
Jars	5.00			4547.00	
Safety Joint	3.00			4550.00	
Packer	5.00			4555.00	31.00 Bottom Of Top Packer
Packer	4.00			4559.00	
Stubb	1.00			4560.00	
Recorder	0.00	8968	Outside	4560.00	
Recorder	0.00	8374	Inside	4560.00	
Perforations	5.00			4565.00	
Bullnose	5.00			4570.00	11.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.
1625 N Waterfront Pkw y
STE 200
Wichita KS 67206
ATTN: Dave Goldak

Hell Creek Ranch #1-18
18-18s-31w Scott,KS
Job Ticket: 64385 **DST#: 9**
Test Start: 2018.09.16 @ 21:29:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 28 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.19 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4600.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	mco 40% m 60% o	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API= 28 @ 60 corrected to 28

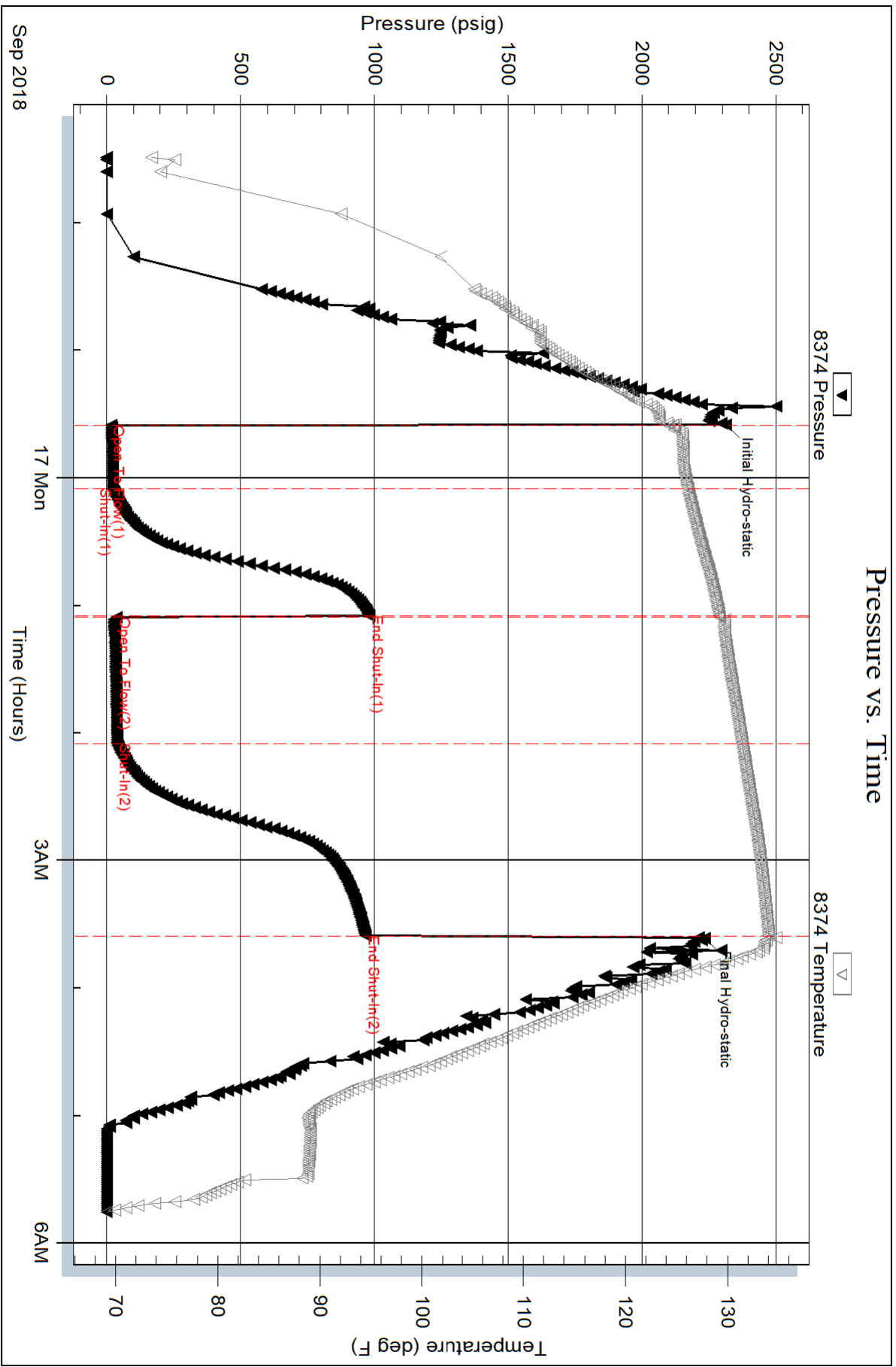
Serial #: 8374

Inside

Stelbar Oil Corp.

18-18s-31w Scottt KS

DST Test Number: 9

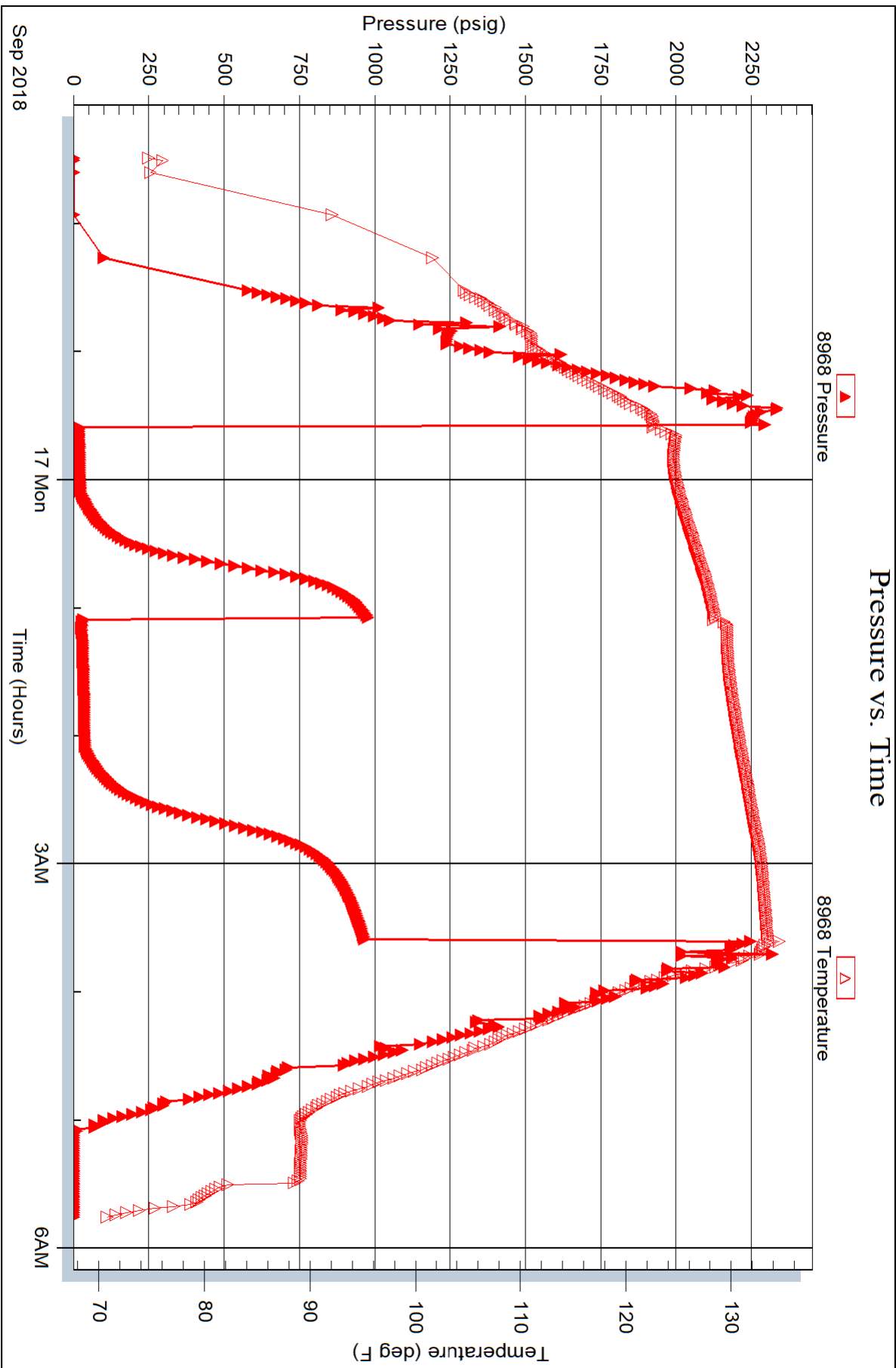


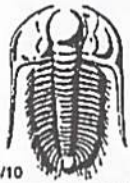
Serial #: 8968

Outside Stelbar Oil Corp.

18-18s-31w Scott, KS

DST Test Number: 9





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64377

Well Name & No. Hell Creek Ranch #1-18 Test No. 1 Date 9-10-11
 Company Stelbar Oil Corp. Elevation 2968 KB 2958 GL
 Address 1625 N Water Front Pkwy Ste 200 Wichita KS 67206
 Co. Rep / Geo. Dave Goldak Rig sterling 5
 Location: Sec. 18 Twp 18s Rge. 31w Co. Scott State KS

Interval Tested 3901-3915 Zone Tested Toronto
 Anchor Length 14 Drill Pipe Run 3689 Mud Wt. 8.8
 Top Packer Depth 3896 Drill Collars Run 178 Vis 64
 Bottom Packer Depth 3901 Wt. Pipe Run 0 WL 6.8
 Total Depth 3914 Chlorides 2800 ppm System LCM 3
 Blow Description IF: Built to 1 3/4" Blow
IS: No Return Blow
FF: Built to 1" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>20cm</u>	<u>3</u>		<u>97</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 5 BHT 122 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1984</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>20:45</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>22:21</u>
(C) First Final Flow <u>30</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:55</u>
(D) Initial Shut-In <u>934</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>02:55</u>
(E) Second Initial Flow <u>32</u>	<input type="checkbox"/> Hourly Standby <u>—</u>	T-Out <u>05:01</u>
(F) Second Final Flow <u>40</u>	<input checked="" type="checkbox"/> Mileage <u>16 RT</u> <u>16</u>	Comments <u>—</u>
(G) Final Shut-In <u>919</u>	<input checked="" type="checkbox"/> Sampler <u>nc</u>	<input type="checkbox"/> Ruined Shale Packer <u>—</u>
(H) Final Hydrostatic <u>1899</u>	<input type="checkbox"/> Straddle <u>—</u>	<input type="checkbox"/> Ruined Packer <u>—</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer <u>—</u>	<input type="checkbox"/> Extra Copies <u>—</u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer <u>—</u>	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder <u>—</u>	Total <u>1391</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby <u>—</u>	MP/DST Disc't <u>—</u>
	<input type="checkbox"/> Accessibility <u>—</u>	
	Sub Total <u>1391</u>	

Approved By [Signature] Our Representative Mike Roberts

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TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 64377 Date 9-10-18
 Company Name Stelbar Oil Corp
 Lease Hell Creek Ranch 1-18 Test No. 1
 County Scott Sec. 18 Twp. 18S Rng. 31W

SAMPLER RECOVERY

Gas ∅ ML
 Oil ∅ ML
 Mud TRACE ML
 Water ∅ ML
 Other ∅ ML
 Pressure ∅ ML
 Total Trace ML

PIT MUD ANALYSIS

~~Chlorides _____ ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity _____
 Mud Weight _____
 Filtrate _____
 Other _____~~

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
 Chlorides NA 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

~~LT 79-1~~ ~~LT 79-1~~ 79-1 @ ad
Test Ticket

NO. **64378**

Well Name & No. Hell Creek Ranch #1-18 Test No. 2 Date 9-11-18
 Company Stelbar Oil Corp Elevation 2968 KB 2958 GL
 Address 1625 N. Waterfront Pkwy Ste 200 Wichita KS 67206
 Co. Rep / Geo. Dave Goldak Rig Sterling
 Location: Sec. 18 Twp 18S Rge. 3W Co. Scott State KS

Interval Tested 3953-3971 Zone Tested B
 Anchor Length 18 Drill Pipe Run 3261 Mud Wt. 9.0
 Top Packer Depth 3948 Drill Collars Run 178 Vis 55
 Bottom Packer Depth 3953 Wt. Pipe Run 0 WL 7.2
 Total Depth 3971 Chlorides 3000 ppm System LCM 3
 Blow Description IF: Built to 4 1/4"
IS: No Return Blow
FF: Built to 3" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>900</u>	<u>10</u>	<u>90</u>		
<u>60</u>	<u>00cm</u>		<u>40</u>	<u>60</u>	

Rec Total 130 BHT 126 Gravity 23 API RW — @ — F Chlorides — ppm
 (A) Initial Hydrostatic 1956 Test 1050 T-On Location 19:05
 (B) First Initial Flow 31 Jars 250 T-Started 19:52
 (C) First Final Flow 51 Safety Joint 75 T-Open 21:58
 (D) Initial Shut-In 836 Circ Sub NC T-Pulled 01:58
 (E) Second Initial Flow 58 Hourly Standby _____ T-Out 04:03
 (F) Second Final Flow 85 Mileage 16RT 16 Comments _____
 (G) Final Shut-In 804 Sampler 250 _____
 (H) Final Hydrostatic 1888 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 1641
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1641

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.

750 ML



TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 64378 Date 9-11-18
 Company Name Stelbar Oil Corp
 Lease Hell Creek Ranch Test No. 2
 County SCOTT Co Sec. 18 Twp. 18s Rng. 3/w

SAMPLER RECOVERY

Gas ∅ ML
 Oil 750 ML
 Mud ∅ ML
 Water ∅ ML
 Other ∅ ML
 Pressure ∅ ML
 Total 750 ML

PIT MUD ANALYSIS

~~Chlorides _____ ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity _____
 Mud Weight _____
 Filtrate _____
 Other _____~~

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
 Gravity 23 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. 64379

Well Name & No. Hell Creek Ranch #1-18 Test No. 3 Date 9-12-18
 Company Stelbar Oil Corp Elevation 2968 KB 2958 GL
 Address 1625 N. Waterfront Pkwy Ste 200 Wichita KS 67206
 Co. Rep / Geo. Dave Goldak Rig Starting 5
 Location: Sec. 18 Twp 18S Rge. 3/W Co. Scott State KS

Interval Tested 4020-4032 Zone Tested D
 Anchor Length 12 Drill Pipe Run 3815 Mud Wt. 9.1
 Top Packer Depth 4015 Drill Collars Run 178 Vis 64
 Bottom Packer Depth 4020 Wt. Pipe Run Ø WL 6.4
 Total Depth 4032 Chlorides 3400 ppm System LCM 2

Blow Description IF: BOB in 6 Min Built to 43"
IS: ~~90~~ Return Blow Built to 2"
FF: BOB in 6 Min Built to 43"
FS: Return Blow Built to 1 1/2 died to 1"

Rec	Feet of	%gas	%oil	%water	%mud
<u>196</u>	<u>Free Oil</u>				
<u>62</u>	<u>90 mwo</u>	<u>10</u>	<u>30</u>	<u>30</u>	<u>30</u>
<u>62</u>	<u>OCMW</u>		<u>20</u>	<u>50</u>	<u>30</u>
<u>372</u>	<u>OCMW</u>		<u>10</u>	<u>80</u>	<u>10</u>
<u>364</u>	<u>SW</u>				

Rec Total 1056 BHT 128 Gravity 25 API RW 212 @ 75.7 F Chlorides 40000 ppm

(A) Initial Hydrostatic 2006 Test 1150 T-On Location 11:17
 (B) First Initial Flow 33 Jars 250 T-Started 12:00
 (C) First Final Flow 264 Safety Joint 75 T-Open 13:33
 (D) Initial Shut-In 948 Circ Sub NC T-Pulled 17:33
 (E) Second Initial Flow 270 Hourly Standby _____ T-Out 20:32
 (F) Second Final Flow 521 Mileage 16RT 16
 (G) Final Shut-In 941 Sampler NC
 (H) Final Hydrostatic 1913 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90
 Sub Total 0
 Total 1491
 MP/DST Disc't _____
 Sub Total 1491

Approved By [Signature] Our Representative Mike Bobot

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TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 64379 Date 9-12-18
 Company Name Stelbar Oil Corp.
 Lease Hell Creek Ranch #1-78 Test No. 3
 County Scott Sec. 18 Twp. 18S Rng. 3/W

SAMPLER RECOVERY

Gas 0 ML
 Oil 0 ML
 Mud 0 ML
 Water 100 ML
 Other 0 ML
 Pressure 42 ML
 Total 100 ML

PIT MUD ANALYSIS

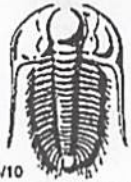
~~Chlorides _____ ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity _____
 Mud Weight _____
 Filtrate _____
 Other _____~~

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.~~



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Straddle Recorder
8288

Test Ticket

8374
8368?

NO. 64380

Well Name & No. Hell Creek Ranch #1-18 Test No. 4 Date 9-13-18
 Company Stelbar Oil Corp. Elevation 2968 KB 2958 GL
 Address 1625 N. Waterfront Pkwy Ste 200 Wichita KS 67206
 Co. Rep / Geo. Dave Goddak Rig Sterling 5
 Location: Sec. 18 Twp 18S Rge. 3W Co. Scott State KS

Interval Tested 3979-3989 4020 Zone Tested C
 Anchor Length 10 Drill Pipe Run ~~3770~~ 3794 Mud Wt. 9.1
 Top Packer Depth 3974 Drill Collars Run 178 Vis 64
 Bottom Packer Depth 3979 Wt. Pipe Run Ø WL 6.4
 Total Depth 4020 Chlorides 3400 ppm System LCM 2
 Blow Description IF! BOB in 5 Min Built to 75 1/2" Blow
FS! No Return Blow
FF! BOB in 5 Min Built to 52 1/4"
FS! No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>868</u>	<u>SW</u>		<u>100</u>		
<u>310</u>	<u>WCM</u>		<u>30</u>	<u>70</u>	

Rec Total 1178 BHT 128 Gravity — API RW 1175 @ 77.4° F Chlorides 50000 ppm
 (A) Initial Hydrostatic 1913 Test 1150 T-On Location 02:45
 (B) First Initial Flow 36 Jars 250 T-Started 03:43
 (C) First Final Flow 387 Safety Joint 75 T-Open 05:35
 (D) Initial Shut-In 976 Circ Sub NC T-Pulled 08:35
 (E) Second Initial Flow 388 Hourly Standby _____ T-Out 10:48
 (F) Second Final Flow 612 Mileage 16 RT 16 Comments _____
 (G) Final Shut-In 975 Sampler NC _____
 (H) Final Hydrostatic 1916 Straddle 600 _____
 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 2091
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 2091

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

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 64380 Date 9-~~12~~¹³-18
 Company Name Stelbar Oil Corp.
 Lease Hell Creek Ranch #48 Test No. 4
 County SCOTT Sec. 18 Twp. 18S Rng. 3/W

SAMPLER RECOVERY

Gas / ML
 Oil / ML
 Mud / ML
 Water 100 ML
 Other / ML
 Pressure 20 ML
 Total 100 ML

PIT MUD ANALYSIS

Chlorides _____ ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity _____
 Mud Weight _____
 Filtrate _____
 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64381

Well Name & No. Hell Creek Ranch #1-18 Test No. 5 Date 9-14-17
 Company Stelbar Oil Corp. Elevation 2968 KB 2958 GL
 Address 1625 N. Waterfront Pkwy Ste 200 Wichita KS
 Co. Rep / Geo. Dave Goldak Rig Sterling 5
 Location: Sec. 18 Twp 18S Rge. 31W Co. SCOTT State KS

Interval Tested 4242-4264 Zone Tested ~~4088~~ LKCL
 Anchor Length 22 Drill Pipe Run 4047 Mud Wt. 9.0
 Top Packer Depth 4237 Drill Collars Run 178 Vis 57
 Bottom Packer Depth 4242 Wt. Pipe Run φ WL 6.4
 Total Depth 4264 Chlorides 4200 ppm System LCM 3
 Blow Description IF: Built to 7"
IS: No Return Blow
FF: Built to 12"
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	Feet of <u>Free Oil</u>				
<u>724</u>	Feet of <u>OCMW</u>		<u>2</u>	<u>78</u>	<u>20</u>
<u>178</u>	Feet of <u>MCW</u>		<u>90</u>	<u>10</u>	
<u>15</u>	Feet of <u>OCGMW</u>	<u>2</u>	<u>2</u>	<u>56</u>	<u>40</u>
	Feet of	%gas	%oil	%water	%mud

Rec Total 320 BHT 135 Gravity 28 API RW 194 @ 72.7 F Chlorides 4000 ppm
 (A) Initial Hydrostatic 2145 Test 1150 T-On Location 00:15
 (B) First Initial Flow 19 Jars 250 T-Started 01:18
 (C) First Final Flow 97 Safety Joint 75 NC T-Open 03:10
 (D) Initial Shut-In 675 Circ Sub _____ T-Pulled 07:10
 (E) Second Initial Flow 99 Hourly Standby _____ T-Out _____
 (F) Second Final Flow 165 Mileage 16 RT 16 Comments _____
 (G) Final Shut-In 670 Sampler 250 _____
 (H) Final Hydrostatic 2086 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90
 Sub Total 1741
 Total 1741
 MP/DST Disc't _____

Approved By [Signature] Our Representative Mike Roberts

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TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 64381 Date 9-14-
 Company Name Stelbar Oil Corp.
 Lease Hell Creek Ranch #1-18 Test No. 5
 County SCOTT Sec. 18 Twp. 18S Rng. 31W

SAMPLER RECOVERY

Gas _____ ML
 Oil _____ ML
 Mud _____ ML
 Water 2000 ML
 Other _____ ML
 Pressure 100 ML
 Total 2000 ML

PIT MUD ANALYSIS

~~Chlorides _____ ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity _____
 Mud Weight _____
 Filtrate _____
 Other _____~~

SAMPLER ANALYSIS

Resistivity 1186 ohms @ 73.7 F
 Chlorides 40000 ppm.
 Gravity ∅ corrected @60F

RIPE 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. 64382

Well Name & No. Hell Creek Ranch #1-18 Test No. 6 Date 9-14-18
 Company Stelbar Oil Corp. Elevation 2968 KB 2958 GL
 Address 1625 N. Waterfront Pkwy Ste. 200 Wichita KS 67206
 Co. Rep / Geo. Dave Goldak Rig Sterling 5
 Location: Sec. 18 Twp 18S Rge. 31W Co. SCOTT State KS

Interval Tested 4282-4296 Zone Tested Pleasanton
 Anchor Length 14 Drill Pipe Run 4093 Mud Wt. 9.2
 Top Packer Depth 4277 Drill Collars Run 178 Vis 54
 Bottom Packer Depth 4282 Wt. Pipe Run 0 WL 7.2
 Total Depth 4296 Chlorides 4700 ppm System LCM 2
 Blow Description IF: Built to 2 3/4" Blow
IS: No Return Blow
FF: Built to 1" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 70 BHT 133 Gravity ✓ API RW ✓ @ ✓ °F Chlorides ✓ ppm
 (A) Initial Hydrostatic 2105 Test 1150 T-On Location 15:40
 (B) First Initial Flow 10 Jars 250 T-Started 16:18
 (C) First Final Flow 40 Safety Joint 75 T-Open 18:21
 (D) Initial Shut-In 697 Circ Sub NC T-Pulled ~~20:51~~ 20:51
 (E) Second Initial Flow 43 Hourly Standby _____ T-Out _____
 (F) Second Final Flow 60 Mileage 16 RT 16 Comments _____
 (G) Final Shut-In 678 Sampler 250 _____
 (H) Final Hydrostatic ~~1970~~ Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1741
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1741

Initial Open 30
 Initial Shut-In 60
 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. 64382 Date 9-14-18
 Company Name Stelbar Oil Corp.
 Lease Hellcreek Ranch #1-18 Test No. 6
 County SCOTT Sec. 18 Twp. 18S Rng. 3W

SAMPLER RECOVERY

Gas ∅ ML
 Oil 1000 ML
 Mud 1000 ML
 Water ∅ ML
 Other ∅ ML
 Pressure ∅ ML
 Total 2000 ML

PIT MUD ANALYSIS

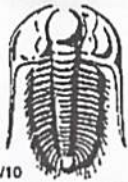
~~Chlorides _____ ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity _____
 Mud Weight _____
 Filtrate _____
 Other _____~~

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
 Chlorides NA 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. 64383

Well Name & No. Hellcreek Ranch #1-18 Test No. 7 Date 9-15-18
 Company Stellar Oil Corp. Elevation 2968 KB 2958 GL
 Address 1625 N. Waterfront Pkwy Ste. 200 Wichita KS 67206
 Co. Rep / Geo. Dave Goldak Rig Sterling 5
 Location: Sec. 18 Twp 18S Rge. 31W Co. SCOTT State KS

Interval Tested 4347-4358 Zone Tested Marmaton "C"
 Anchor Length 11 Drill Pipe Run 4144 Mud Wt. 9.2
 Top Packer Depth 4352 Drill Collars Run 178 Vis 54
 Bottom Packer Depth 4357 Wt. Pipe Run 0 WL 7.2
 Total Depth 4358 Chlorides 4700 ppm System LCM 2
 Blow Description IF: BOB IN 4 Min Built to 80"
IS: Return Blow Built to 7"
FF: BOB IN 5 Min Built to 9 1/2"
FS: Return Blow Built to 1 1/2 drc'd to 1"

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>GIP = 340</u>	<u>100</u>			
<u>1280</u>	<u>900</u>	<u>10</u>	<u>90</u>		
<u>320</u>	<u>NSW</u>		<u>80</u>	<u>70</u>	

Rec Total 1600 BHT 140 Gravity 22 API RW 162 @ 88 1/2 F Chlorides 90000 ppm
 (A) Initial Hydrostatic 2158 Test 1150 T-On Location 07:03
 (B) First Initial Flow 64 Jars 250 T-Started 07:52
 (C) First Final Flow 410 Safety Joint 75 T-Open 09:45
 (D) Initial Shut-In 825 Circ Sub 50 T-Pulled 14:00
 (E) Second Initial Flow 417 Hourly Standby _____ T-Out 17:26
 (F) Second Final Flow 718 Mileage 16 RT 16 Comments _____
 (G) Final Shut-In 871 Sampler 250 _____
 (H) Final Hydrostatic 2166 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 1791
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1791

Approved By Dave Goldak Our Representative Mike Roberts

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TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 64383 Date 9-15-18
 Company Name Stelbar Oil Corp
 Lease Hellcreek Ranch #1-18 Test No. 7
 County SCOTT Sec. 18 Twp. 18S Rng. 31W

SAMPLER RECOVERY

Gas 200 ML
 Oil 1800 ML
 Mud Ø ML
 Water Ø ML
 Other Ø ML
 Pressure 150 ML
 Total 2000 ML

PIT MUD ANALYSIS

~~Chlorides _____ ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity _____
 Mud Weight _____
 Filtrate _____
 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.~~



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

7288

Test Ticket

NO. 64384

Well Name & No. Hellcreek Ranch #1-18 Test No. 8 Date 9-16-18
 Company Stellar Oil Corp. Elevation 2968 KB 2958 GL
 Address 11625 N Waterfront PKwy Ste 200 Wichita KS 67206
 Co. Rep / Geo. Dave Guldak Rig Sterling 5
 Location: Sec. 18 Twp 18S Rge. 31W Co. SCOTT State KS

Interval Tested 4504-4531 4546 Zone Tested Johnson
 Anchor Length 27 Drill Pipe Run 4302 Mud Wt. 9.1
 Top Packer Depth 4499 Drill Collars Run 178 Vis 59
 Bottom Packer Depth 4504 Wt. Pipe Run Ø WL 6.8
 Total Depth 4546 Chlorides 4200 ppm System LCM 2

Blow Description IF: No Blow
IS: No Return Blow
FF: No Blow -- Flushed Tool - No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Mud 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 2 BHT 129 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2286</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>06:30</u>
(B) First Initial Flow <u>24</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>07:37</u>
(C) First Final Flow <u>25</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u> 150	T-Open <u>09:39</u>
(D) Initial Shut-In <u>29</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>11:39</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>13:50</u>
(F) Second Final Flow <u>28</u>	<input checked="" type="checkbox"/> Mileage <u>16RT</u> 16	Comments
(G) Final Shut-In <u>31</u>	<input checked="" type="checkbox"/> Sampler <u>250</u>	
(H) Final Hydrostatic <u>2244</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	

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

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 2341

Ruined Shale Packer
 Ruined Packer
 Extra Copies

Sub Total 0
 Total 2341
 MP/DST Disc't

Approved By [Signature] Our Representative Mile Polak

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TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 64384 Date 9-16-18
 Company Name Stelbar Oil Corp
 Lease Hellcreek Ranch #1-18 Test No. 8
 County Scott Sec. 18 Twp. 18S Rng. 31W

SAMPLER RECOVERY

Gas Ø ML
 Oil Ø ML
 Mud Ø ML
 Water Ø ML
 Other Ø ML
 Pressure Ø ML
 Total Ø ML

PIT MUD ANALYSIS

~~Chlorides _____ ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity _____
 Mud Weight _____
 Filtrate _____
 Other _____~~

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
 Gravity N/A 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. **64385**

Well Name & No. Hellcreek Ranch #1-18 Test No. 9 Date 9-16-18
 Company Stelbar Oil Corp Elevation 2968 KB 2958 GL
 Address 1625 N Waterfront Pkwy Ste 200 Wichita KS 67206
 Co. Rep / Geo. Dave Goldak Rig Sterling 5
 Location: Sec. 18 Twp 18S Rge. 31W Co. SCOTT State KS

Interval Tested 4559-4570 Zone Tested Miss St. Louis
 Anchor Length 11 Drill Pipe Run 4366 Mud Wt. 9.2
 Top Packer Depth 4554 Drill Collars Run 178 Vis 58
 Bottom Packer Depth 4559 Wt. Pipe Run Ø WL 7.2
 Total Depth 4570 Chlorides 4600 ppm System LCM 2
 Blow Description IF: Built to 3 1/2" Blow
IS: No Return Blow
FF: Built to 10" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>MCO</u>	<u>60</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	Feet of	%gas	%oil	%water	%mud

Rec Total 30 BHT 135 Gravity 28 API RW ✓ @ ✓ F Chlorides ✓ ppm
 (A) Initial Hydrostatic 2313 Test 1150 T-On Location 20:03
 (B) First Initial Flow 15 Jars 250 T-Started 21:29
 (C) First Final Flow 23 Safety Joint 75 T-Open 23:35
 (D) Initial Shut-In 979 Circ Sub NC T-Pulled 03:35
 (E) Second Initial Flow 36 Hourly Standby _____ T-Out 05:46
 (F) Second Final Flow 38 Mileage 16 RT 16 Comments _____
 (G) Final Shut-In 964 Sampler 250 _____
 (H) Final Hydrostatic 2234 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1741
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1741

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

Approved By [Signature] Our Representative Mike Roberts

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TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 64385 Date 9-16-18
 Company Name Stelbar Oil Corp.
 Lease Hellcreek Ranch #1-18 Test No. 9
 County Scott Sec. 18 Twp. 18S Rng. 31W

SAMPLER RECOVERY

Gas ∅ ML
 Oil 2000 ML
 Mud ∅ ML
 Water ∅ ML
 Other ∅ ML
 Pressure 250 ML
 Total 2000 ML

PIT MUD ANALYSIS

~~Chlorides _____ ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity _____
 Mud Weight _____
 Filtrate _____
 Other _____~~

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
 Gravity NA corrected @60F

PIPE RECOVERY

~~**TOP**
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
MIDDLE
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
BOTTOM
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.~~

GEOLOGIC REPORT

DAVID J. GOLDAK

WICHITA, KANSAS
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Hell Creek Ranch #1-18
API: 15-171-21234
Location: Section 18 - T18S - R31W
License Number: _____ Region: Scott Co., KS
Spud Date: 09 / 07 / 2018 Drilling Completed: 09 / 17 / 2018
Surface Coordinates: 1845' FNL and 1595' FEL
SE - NE - SW - NE
Bottom Hole
Coordinates:
Ground Elevation (ft): 2955' K.B. Elevation (ft): 2968'
Logged Interval (ft): 3700' To: 4650' Total Depth (ft): 4650'
Formation: Mississippian - Spergen
Type of Drilling Fluid: Chemical - Mud-Co

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Stelbar Oil Corporation
Address: 1625 N. Waterfront Pkwy., Suite 200
Wichita, Kansas 67206-6602

GEOLOGIST

Name: David J. Goldak
Company: D. J. GOLDAK, INC.
Address: 12427 W Ridgepoint Cir
Wichita, Kansas 67235

General Info

CONTRACTOR: Sterling Drilling, Rig #5

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	JZ-HAOOTC	4-16s	315'	315'	3.25
2	7-7/8	JZ-PLT516	5-15s	4650'	4335'	58.50

SURVEYS: 315'-0.25, 3915'-0.25, 4650'-0.75

GENERAL DRILLING & PUMP INFORMATION:

Collars: 18 joints (6.25"x2.25"): 530.96'
Drilling: 14,000-16,000 lbs on bit and 90-100 RPM.
Pumping: 62-65 S/M; 9.1-9.6 B/M; 800-1000 psi

Daily Status

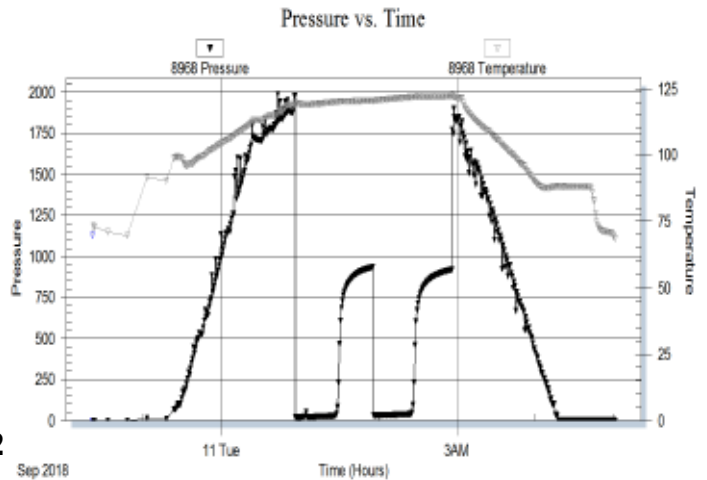
09/07/18 - Spud at 5:15 PM; Set 8-5/8" csg @ 310'
 09/08/18 - 315' WOC; DP @ 10:45 AM
 09/09/18 - 2,039' Drilling; Displace @ 3,441'
 09/10/18 - 3,569' Drilling; DST #1 @ 3,915'
 09/11/18 - 3,915' Rig repairs; DST #2 @ 3,971'
 09/12/18 - 3,971' CTCH; DST #3 @ 4,032'
 09/13/18 - 4,032' DST #4 in progress
 09/14/18 - 4,264' DST #5 in progress; DST #6 @ 4,296'
 09/15/18 - 4,358' TOH for DST #7
 09/16/18 - 4,546' TOH for DST#8
 09/17/18 - 4,570' TIH after DST #9; TD @ 4,650'; Log well

DST #1: 3,901' - 3,915' (Toronto)
 30" - 30" - 30" - 30"

IF: Weak blow building to 1.75 inches
ISI: No blow back
FF: Weak blow building to 1 inch
FSI: No blow back

RECOVERY: 5' Total Fluid, consisting of:
 5' OCM (3% O & 97% M)
Sampler: Trace of Oil @ 0 psi

SIP: 934-919; FP: 20-30, 32-40; HP: 1984-1899; BHT: 122

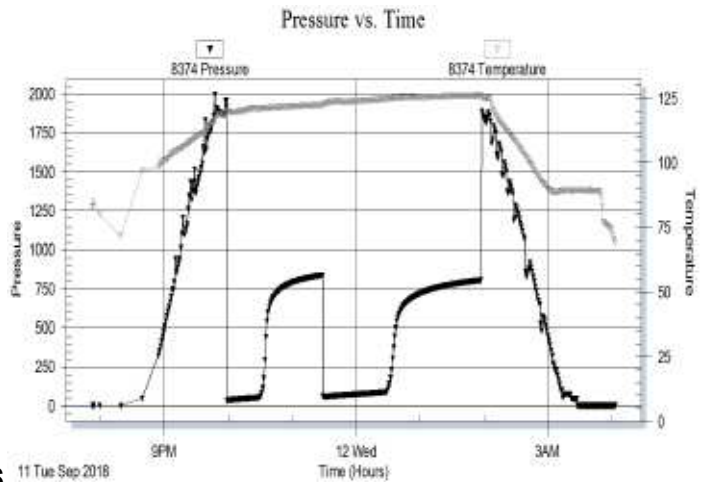


DST #2: 3,953' - 3,971' (LKC "B")
 30" - 60" - 60" - 90"

IF: Blow building to 4.25 inches
ISI: No blow back
FF: Blow building to 3 inches
FSI: No blow back

RECOVERY: 130' Total Fluid, consisting of:
 70' CGO (10% G & 90% O); Gravity: 23 API
 60' OCM (40% O & 60% M)
Sampler: 750 ml Oil @ 0 psi

SIP: 836-804; FP: 31-51, 58-85; HP: 1956-1888; BHT: 126

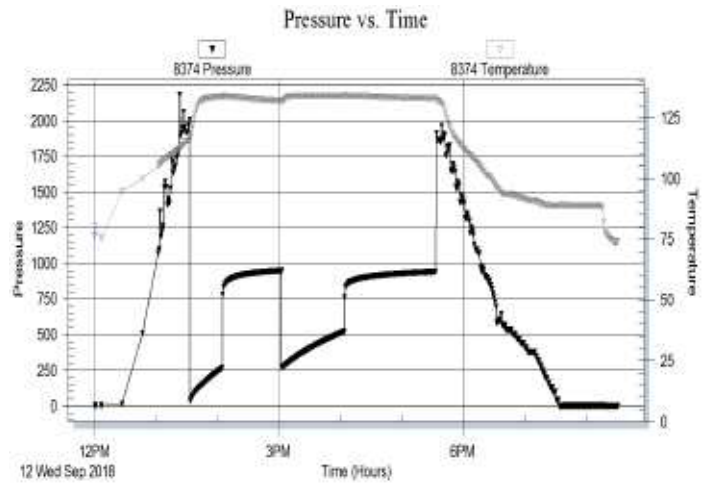


DST #3: 4,020' - 4,032' (LKC "D")
30" - 60" - 60" - 90"

IF: Blow building to BOB in 6 minutes
ISI: Blow back building to 2 inches
FF: Blow building to BOB in 6 minutes
FSI: Blow back building to 1.5 inches

RECOVERY: 1,056' Total Fluid, consisting of:
196' CO (100% O); Gravity: 25 API
62' GMWCO (10% G, 30% O, 30% W & 30% M)
434' OMCW (11% O, 76% W & 13% M)
364' W (100% W); Chlorides: 40,000 ppm
Sampler: 100 ml Water @ 42 psi

SIP: 948-941; FP: 33-264, 270-521; HP: 2006-1913; BHT: 128

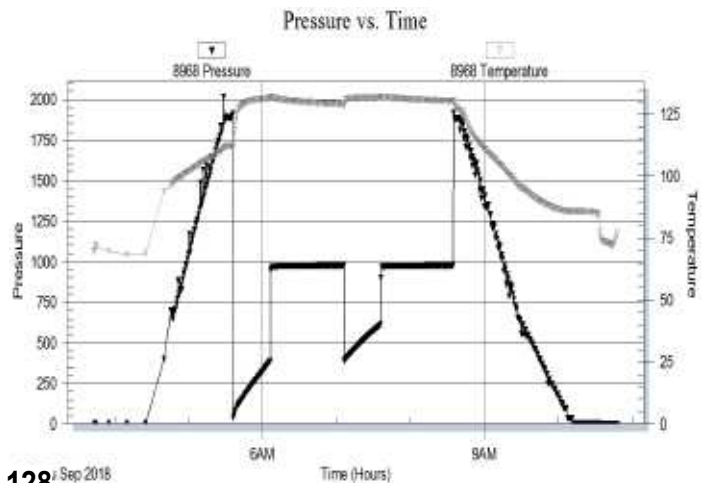


DST #4: 3,979' - 3,989' (LKC "C")
(Straddle) 30" - 60" - 30" - 60"

IF: Blow building to BOB in 5 minutes
ISI: No blow back
FF: Blow building to BOB in 5 minutes
FSI: No blow back

RECOVERY: 1,178' Total Fluid, consisting of:
868' W (100% W); Chlorides: 50,000 ppm
310' WCM (30% W & 70% M)
Sampler: 100 ml Water @ 20 psi

SIP: 976-975; FP: 36-387, 388-612; HP: 1913-1916; BHT: 128

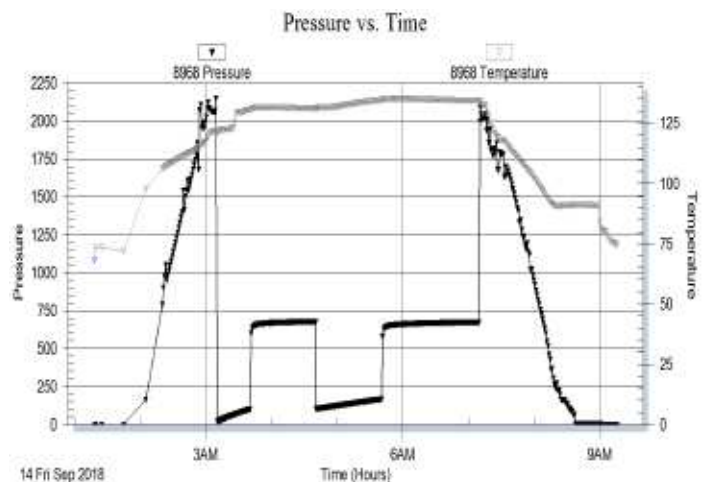


DST #5: 4,242' - 4,264' (LKC "L")
30" - 60" - 60" - 90"

IF: Fair blow building to 7 inches
ISI: No blow back
FF: Fair blow building to 12 inches
FSI: No blow back

RECOVERY: 320' Total Fluid, consisting of:
3' CO (100% O); Gravity: 28 API
15' OGMCW (2% G, 2% O, 56% W & 40% M)
124' OMCW (2% O, 78% W & 20% M)
178' MCW (90% W & 10% M); Chlorides: 40,000 ppm
Sampler: 2,000 ml Water @ 100 psi

SIP: 675-670; FP: 19-97, 99-165; HP: 2145-2086; BHT: 135

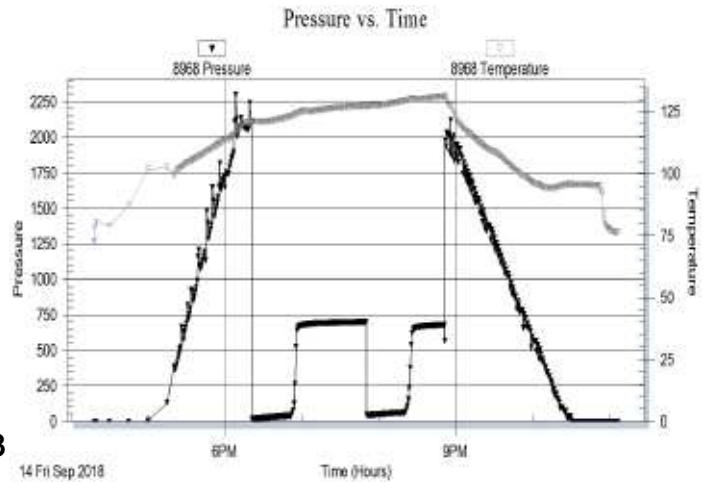


DST #6: 4,282' - 4,296' (Pleasanton)
30" - 60" - 30" - 30"

IF: Weak blow building to 2.75 inches
ISI: No blow back
FF: Weak blow building to 1 inch
FSI: No blow back

RECOVERY: 70' Total Fluid, consisting of:
70' OCM (10% O & 90% M)
Sampler: 1000 ml Oil & 1000 ml Mud @ 0 psi

SIP: 697-678; FP: 10-40, 43-60; HP: 2105-1970; BHT: 133

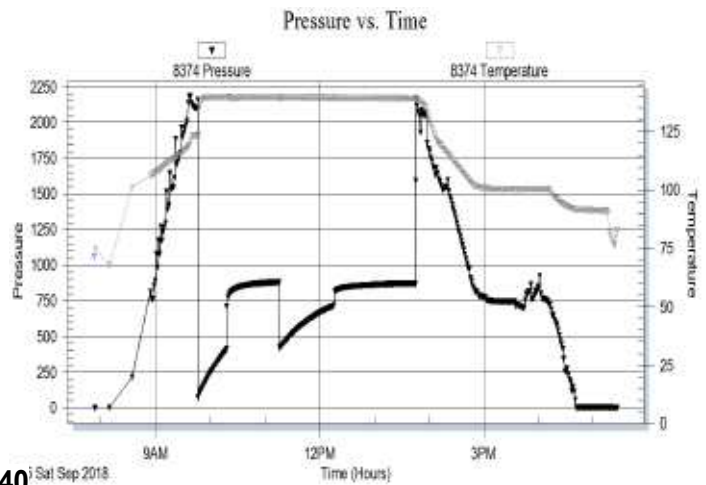


DST #7: 4,347' - 4,358' (Marmaton "C")
30" - 60" - 60" - 90"

IF: Blow building to BOB in 4 minutes
ISI: Blow back building to 7 inches
FF: IF: Blow building to BOB in 5 minutes
FSI: Blow back building to 1.5 inches

RECOVERY: 340' GIP & 1600' Total Fluid, consisting of:
1280' CGO (10% G & 90% O); Gravity: 22 API
320' MW (80% W & 20% M); Chlorides: 40,000 ppm
Sampler: 200 ml Gas & 1800 ml Oil @ 150 psi

SIP: 875-871; FP: 64-410, 417-718; HP: 2158-2166; BHT: 140

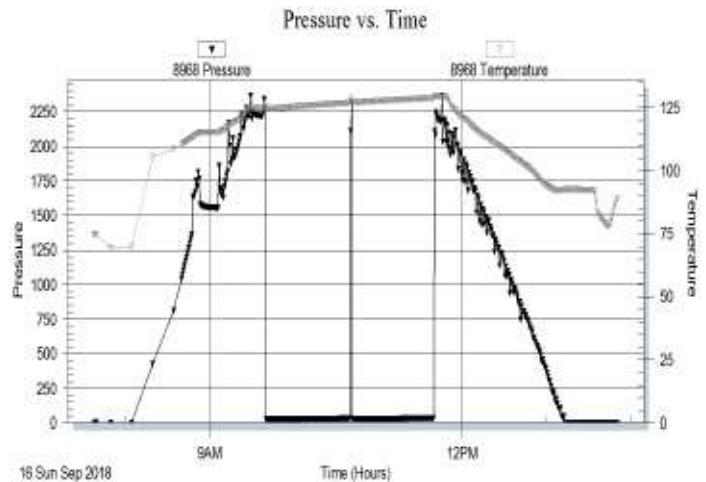


DST #8: 4,504' - 4,531' (Johnson Zone)
(Straddle) 30" - 30" - 30" - 30"

IF: No blow
ISI: No blow back
FF: No blow, flush tool, no blow
FSI: No blow back

RECOVERY: 2' Total Fluid, consisting of:
2' OSM (100% M)
Sampler: Empty @ 0 psi

SIP: 29-31; FP: 24-25, 26-28; HP: 2286-2244; BHT: 129

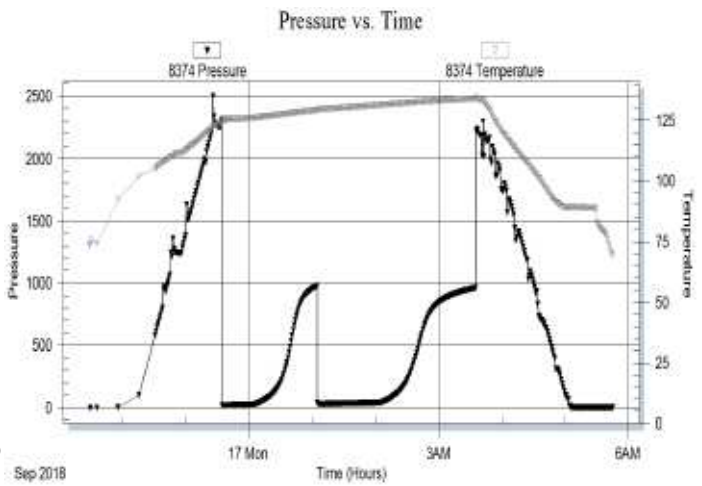


DST #9: 4,559' - 4,570' (St Louis)
 30" - 60" - 60" - 90"

IF: Weak blow building to 3.5 inches
 ISI: No blow back
 FF: Fair blow building to 10 inches
 FSI: No blow back

RECOVERY: 30' Total Fluid, consisting of:
 30' MCO (60% O & 40% M); Gravity: 28 API
 Sampler: 2000 ml Oil @ 250 psi

SIP: 979-964; FP: 15-23, 36-38; HP: 2313-2234; BHT: 135



ROCK TYPES

	Anhy		Gyp		Shgy		Sandylms
	Bent		Igne		Sltst		Shale
	Brec		Lmst		Ss		Sltstn
	Cht		Meta		Till		Shlyslts
	Clyst		Mrlst		Carb sh		Sltys h
	Coal		Salt		Dol		Lms
	Congl		Shale		Dtd		
	Dol		Shcol		Gry sh		

ACCESSORIES

	MINERAL		Salt		Fossil		Clystn
	Anhy		Sandy		Gastro		Dol
	Arggrn		Silt		Oolite		Grysh
	Arg		Sil		Ostra		Gryslt
	Bent		Sulphur		Pelec		Lms
	Bit		Tuff		Pellet		Sandylms
	Brecfrag		Chlorite		Pisolite		Sh
	Calc		Dol		Plant		Sltstn
	Carb		Sand		Strom		
	Chtdk		Silty		Fuss		
	Chtlt				Oomold		
	Dol						

FOSSIL

STRINGER

TEXTURE

	Algae		Anhy		Boundst
	Amph		Arg		Chalky
	Belm		Bent		Cryxln
	Bioclst		Coal		Earthy
	Brach		Dol		Finexln
	Bryozoa		Ls		Grainst
	Cephal		Mrst		Lithogr
	Coral		Sltstrg		Microxln
	Crin		Ssstrg		Mudst
	Echin		Carbsh		Packst
	Fish				Wackest
	Foram				

OTHER SYMBOLS

POROSITY TYPE

- E Earthy
- F Fenest
- X Fracture
- I Inter
- M Moldic
- O Organic
- P Pinpoint
- V Vuggy

SORTING

- W Well
- M Moderate
- P Poor

ROUNDING

- R Rounded
- F Subrnd
- a Subang
- A Angular

OIL SHOWS

- Even
- ◉ Spotted
- ◐ Ques
- ◑ Dead
- ⊠ Gas show

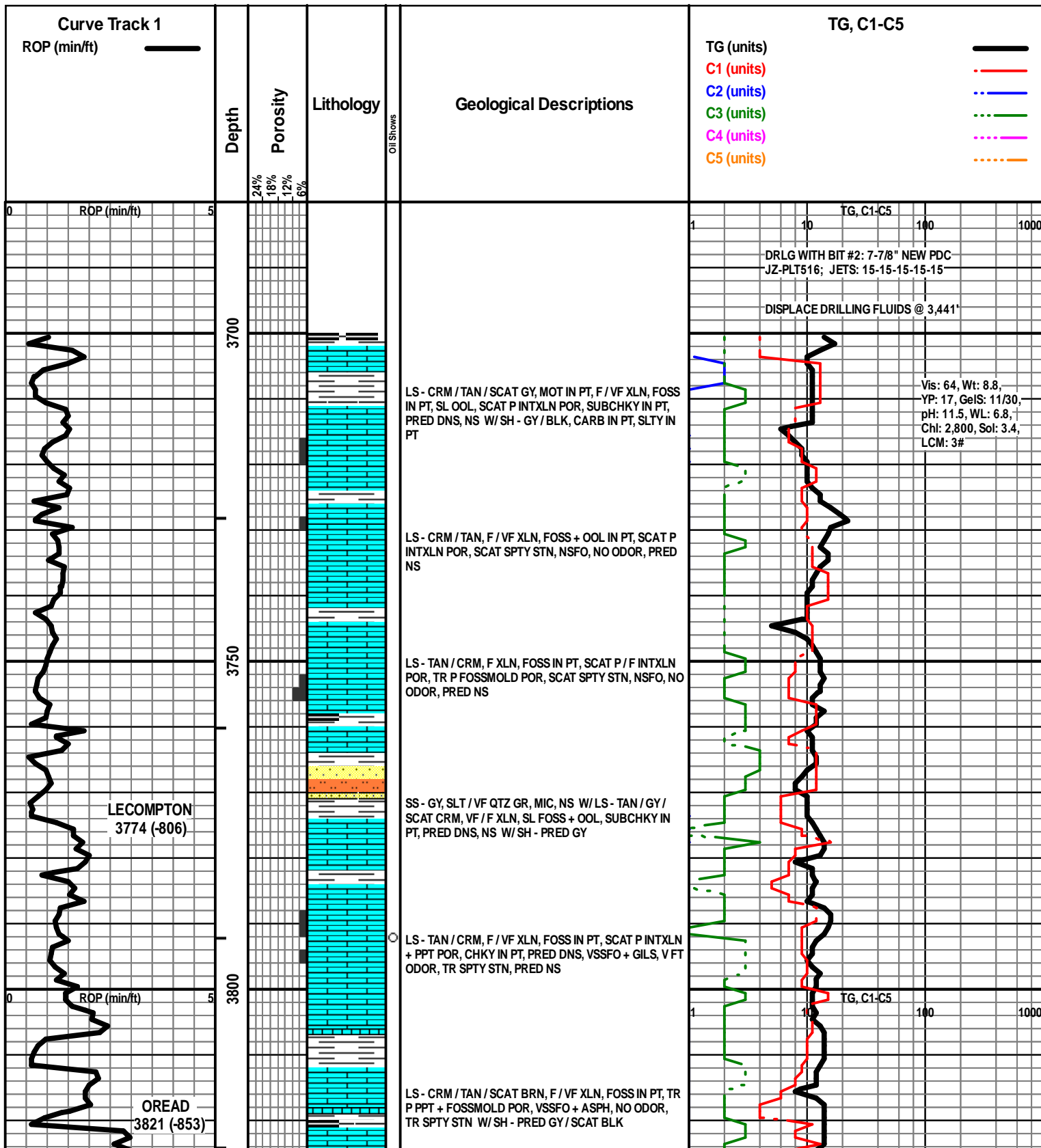
INTERVALS

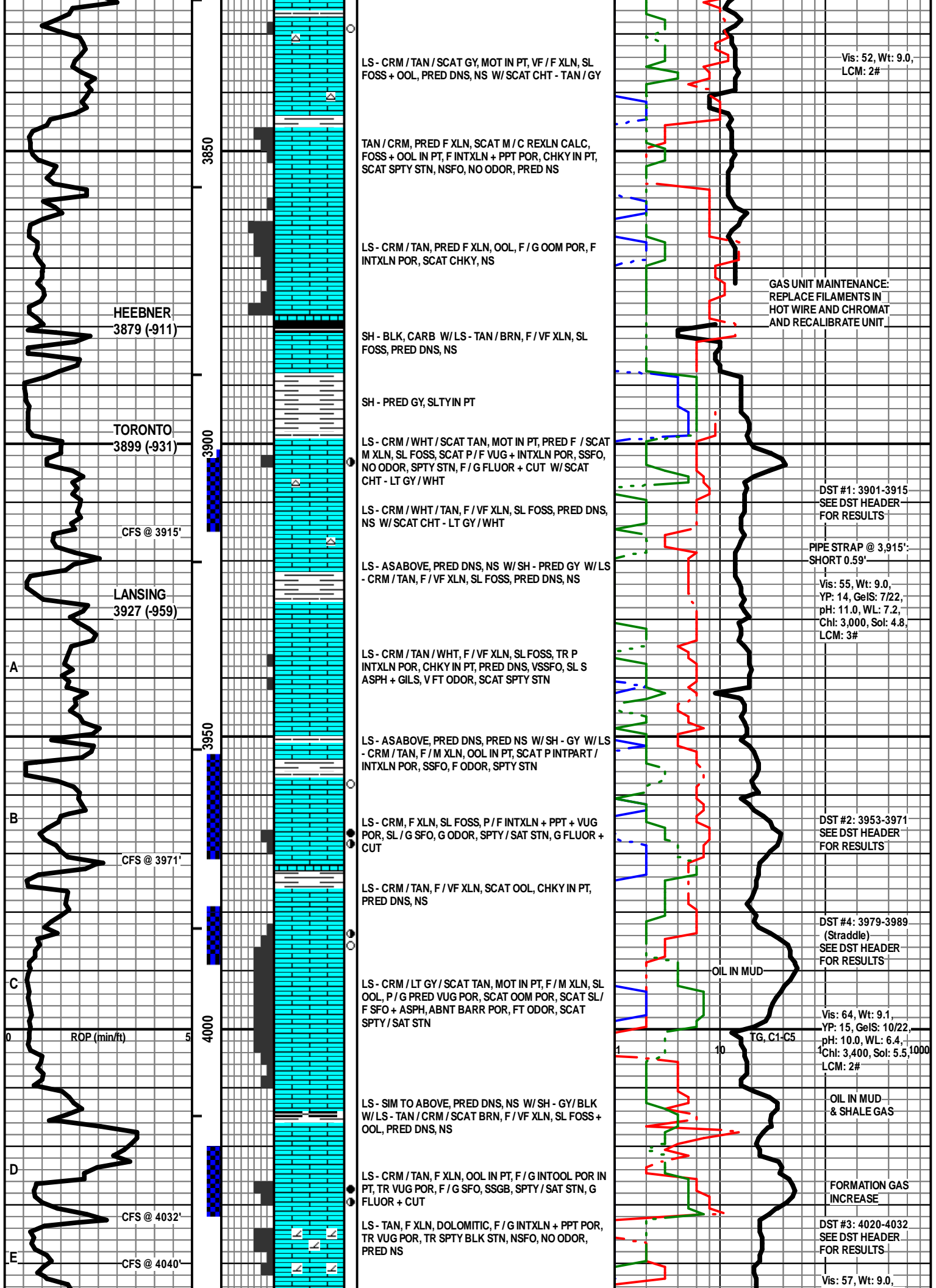
- Core
- ◻ Dst

- Dst_1_t
- ◻ Dst_1_b
- Dst

EVENTS

- ▽ Rft
- ▾ Sidewall
- ▬ Conn





LS - CRM / TAN / SCAT GY, MOT IN PT, VF / F XLN, SL FOSS + OOL, PRED DNS, NS W/ SCAT CHT - TAN / GY

Vis: 52, Wt: 9.0, LCM: 2#

TAN / CRM, PRED F XLN, SCAT M / C REXLN CALC, FOSS + OOL IN PT, F INTXLN + PPT POR, CHKY IN PT, SCAT SPTY STN, NSFO, NO ODOR, PRED NS

LS - CRM / TAN, PRED F XLN, OOL, F / G OOM POR, F INTXLN POR, SCAT CHKY, NS

GAS UNIT MAINTENANCE: REPLACE FILAMENTS IN HOT WIRE AND CHROMAT AND RECALIBRATE UNIT

HEEBNER 3879 (-911)

SH - BLK, CARB W/LS - TAN / BRN, F / VF XLN, SL FOSS, PRED DNS, NS

SH - PRED GY, SLTY IN PT

TORONTO 3899 (-931)

LS - CRM / WHT / SCAT TAN, MOT IN PT, PRED F / SCAT M XLN, SL FOSS, SCAT P / F VUG + INTXLN POR, SSFO, NO ODOR, SPTY STN, F / G FLUOR + CUT W/ SCAT CHT - LT GY / WHT

DST #1: 3901-3915 SEE DST HEADER FOR RESULTS

CFS @ 3915'

LS - CRM / WHT / TAN, F / VF XLN, SL FOSS, PRED DNS, NS W/ SCAT CHT - LT GY / WHT

PIPE STRAP @ 3,915': SHORT 0.59'

LANSING 3927 (-959)

LS - ASABOVE, PRED DNS, NS W/ SH - PRED GY W/LS - CRM / TAN, F / VF XLN, SL FOSS, PRED DNS, NS

Vis: 55, Wt: 9.0, YP: 14, GeIS: 7/22, pH: 11.0, WL: 7.2, Chl: 3,000, Sol: 4.8, LCM: 3#

LS - CRM / TAN / WHT, F / VF XLN, SL FOSS, TR P INTXLN POR, CHKY IN PT, PRED DNS, VSSFO, SL S ASPH + GILS, V FT ODOR, SCAT SPTY STN

LS - ASABOVE, PRED DNS, PRED NS W/ SH - GY W/LS - CRM / TAN, F / M XLN, OOL IN PT, SCAT P INTPART / INTXLN POR, SSFO, F ODOR, SPTY STN

LS - CRM, F XLN, SL FOSS, P / F INTXLN + PPT + VUG POR, SL / G SFO, G ODOR, SPTY / SAT STN, G FLUOR + CUT

DST #2: 3953-3971 SEE DST HEADER FOR RESULTS

CFS @ 3971'

LS - CRM / TAN, F / VF XLN, SCAT OOL, CHKY IN PT, PRED DNS, NS

DST #4: 3979-3989 (Straddle) SEE DST HEADER FOR RESULTS

LS - CRM / LT GY / SCAT TAN, MOT IN PT, F / M XLN, SL OOL, P / G PRED VUG POR, SCAT OOM POR, SCAT SL / F SFO + ASPH, ABNT BARR POR, FT ODOR, SCAT SPTY / SAT STN

OIL IN MUD

Vis: 64, Wt: 9.1, YP: 15, GeIS: 10/22, pH: 10.0, WL: 6.4, Chl: 3,400, Sol: 5.5, 1000 LCM: 2#

LS - SIM TO ABOVE, PRED DNS, NS W/ SH - GY / BLK W/LS - TAN / CRM / SCAT BRN, F / VF XLN, SL FOSS + OOL, PRED DNS, NS

OIL IN MUD & SHALE GAS

LS - CRM / TAN, F XLN, OOL IN PT, F / G INTOOL POR IN PT, TR VUG POR, F / G SFO, SSGB, SPTY / SAT STN, G FLUOR + CUT

FORMATION GAS INCREASE

CFS @ 4032'

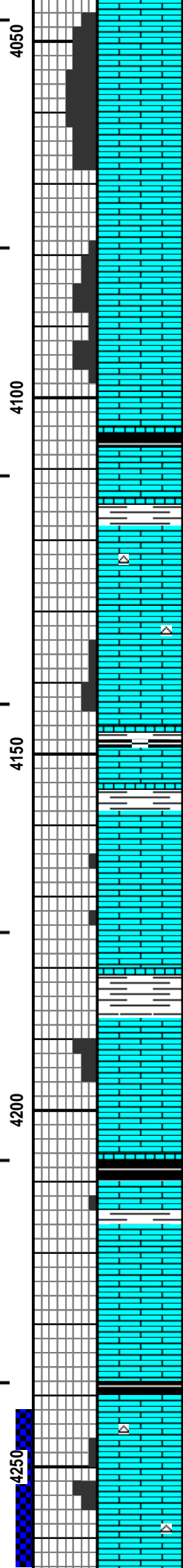
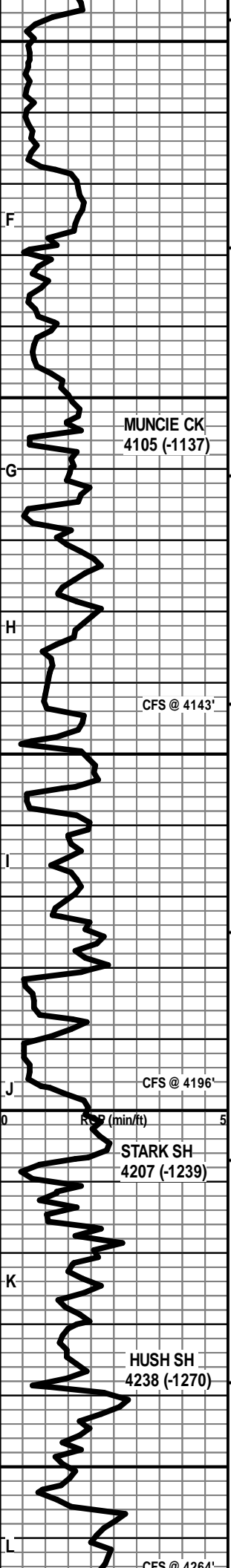
LS - TAN, F XLN, DOLOMITIC, F / G INTXLN + PPT POR, TR VUG POR, TR SPTY BLK STN, NSFO, NO ODOR, PRED NS

DST #3: 4020-4032 SEE DST HEADER FOR RESULTS

CFS @ 4040'

Vis: 57, Wt: 9.0,

YP: 14, GeIS: 8/19,
pH: 11.0, WL: 6.4,
Chl: 4,200, Sol: 4.8,
LCM: 3#



LS - CRM / GY / TAN, PRED F XLN, SCAT F / M XLN,
OOL, F / G OOM + INTXLN POR, NS

LS - TAN / CRM, VF / F XLN, SL OOL, SUBCHKY IN PT,
PRED DNS, NS

LS - CRM / GY, F / VF XLN, OOL IN PT, SL FOSS, P / F
VUG + OOM POR IN PT, SUBCHKY IN PT, NS W / LS -
BRN / GY / TAN, MOT IN PT, OOL IN PT, PRED DNS, NS

SH - BLK, CARB W / LS - TAN / BRN, F / VF XLN, SL
FOSS + OOL IN PT, PRED DNS, NS

LS - CRM / TAN / GY, MOT IN PT, F / VF XLN, OOL IN PT,
SL FOSS, SUBCHKY IN PT, PRED DNS, NS W / CHT - LT
GY / WHT

LS - CRM / LT GY / SCAT TAN, F / VF XLN, SCAT REXLN
CALC, SL FOSS, P / SCAT F VUG + INTXLN POR, VSSFO,
NO ODOR, MOD AMT BARR POR, TR SPTY STN

LS - TAN / BRN / CRM, F / VF XLN, SL FOSS, SCAT OOL,
SUBCHKY IN PT, PRED DNS, NS W / SH - GY / BLK

LS - CRM / TAN / BRN, MOT IN PT, F / VF XLN, OOL IN
PT, SL FOSS, SCAT P INTPART / INTXLN POR, SSFO +
GILS, V FT ODOR, SCAT SPTY STN, F / G FLUOR, P / G
CUT

LS - CRM / TAN, F XLN, DOLOMITIC IN PT, SL FOSS IN
PT, F INTXLN + PPT POR, NS W / MOD ABNT SH - GY /
BLK

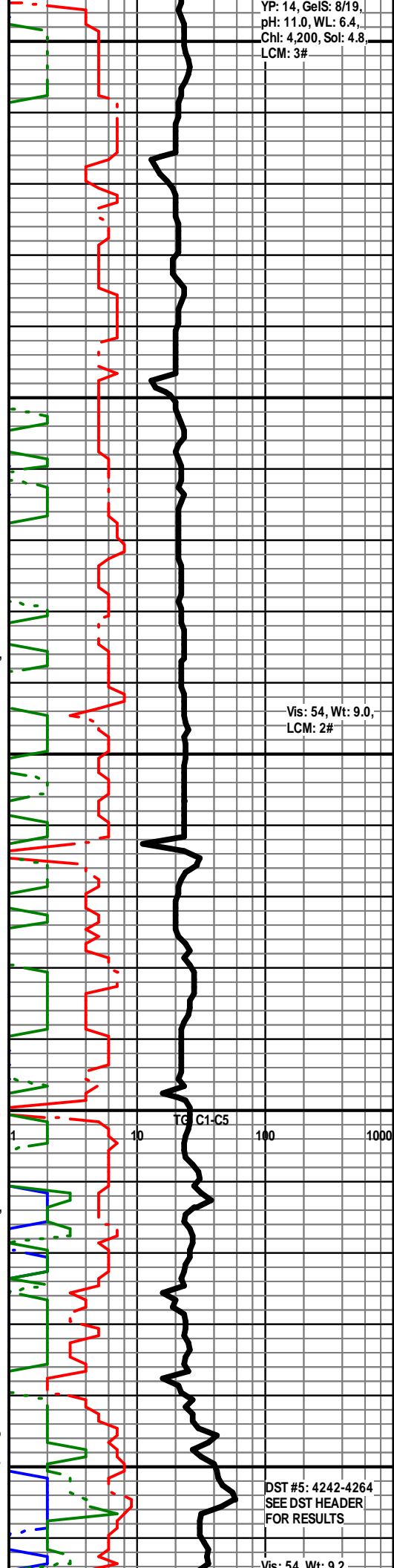
LS - CRM / TAN / GY, F / VF XLN, FOSS IN PT, SCAT OOL,
PRED DNS, NS

LS - CRM / TAN / GY / SCAT BRN, MOT IN PT, F / VF XLN,
FOSS IN PT, TR P INTXLN POR, SUBCHKY IN PT, PRED
DNS, TR FO, VSSGB, V FT ODOR, TR SPTY STN

LS - CRM / TAN / GY, MOT IN PT, F / VF XLN, SL FOSS,
OOL IN PT, SUBCHKY IN PT, PRED DNS, NS

LS - CRM / TAN, F / SCAT M XLN, OOL IN PT, SL FOSS, P
/ G VUG + INTXLN POR IN PT, SL / G SFO, SSGB, F
ODOR, SPTY / SAT STN, G FLUOR + CUT W / SCAT CHT
- LT GY / WHT

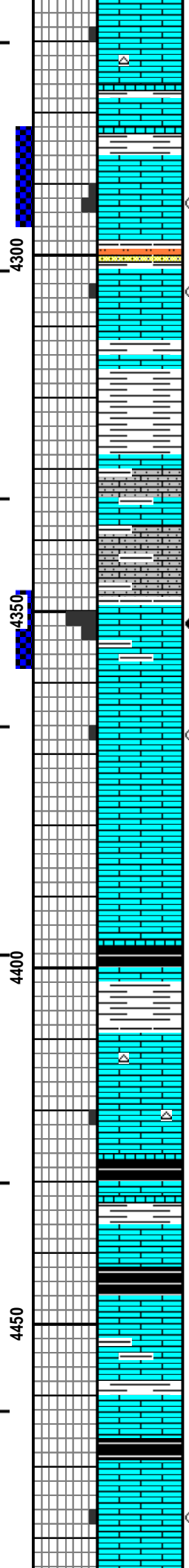
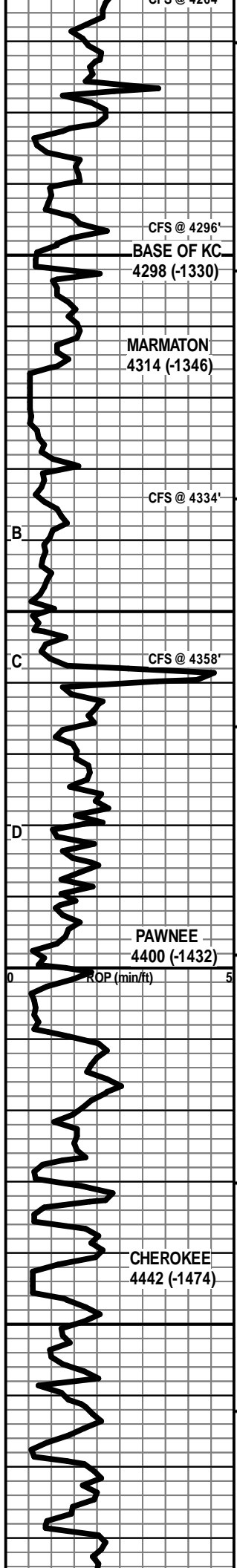
LS - CRM / TAN / SCAT GY + BRN, MOT IN PT, F / VF
XLN, OOL IN PT, SUBCHKY IN PT, PRED DNS, NS



Vis: 54, Wt: 9.0,
LCM: 2#

DST #5: 4242-4264
SEE DST HEADER
FOR RESULTS

Vis: 54, Wt: 9.2



LS - CRM / TAN, F / VF XLN, SCAT OOL + FOSS, SCAT P INTXLN POR, DNS, VSSFO, V FT ODOR, SCAT SPTY STN W/ SCAT CHT

LS - TAN / BRN / GY, MOT IN PT, VF / F XLN, FOSS + OOL IN PT, SUBCHKY IN PT, PRED DNS, NS W/ SCAT CHT - LT GY / WHT

LS - CRM / TAN, F / VF XLN, SCAT M XLN, OOL + FOSS IN PT, P / SCAT F INTXLN + PPT POR IN PT, SSFO, FT ODOR, SCAT SPTY STN, F / G FLUOR + CUT, SCAT BARR POR

SLTST + SS + SH - PRED GY, NS W/ LS - TAN / BRN, MOT, F XLN, DNS, NS

LS - CRM / TAN, F / VF XLN, OOL IN PT, SL FOSS, P INTXLN + INTPART POR IN PT, SSFO, V FT ODOR, SPTY STN, F FLUOR, F / G CUT

SH - PRED GY

LS / MUDSTONE - GY / GRN / SCAT TAN, MOT IN PT, VF / F XLN, ARGIL IN PT, AREN IN PT, VF QTZ GR, PRED DNS, NS W/ SH - GY / SCAT GRN

LS - PRED GY / SCAT TAN, VF / F XLN, VAREN, VF QTZ GR, ARGIL IN PT, PRED DNS, NS W/ SH - GY / GRN

LS - CRM / TAN, F / M XLN, F / G INTXLN + VUG POR, F / G SFO, SGB, G ODOR, SAT / SPTY STN, G FLUOR + CUT W/ LS - CRM / TAN, VF / F XLN, DNS, NS W/ SH - GY / GRN

LS - CRM / TAN, VF / F XLN, SCAT OOL, SCAT PRED P INTOOL POR, SSFO + GB, V FT ODOR, SPTY STN, G FLUOR + CUT

LS - CRM / TAN, F / VF XLN, OOL IN PT, FOSS IN PT, CHKY IN PT, PRED DNS, NS

LS - ASABOVE, CHKY / PRED DNS, NS

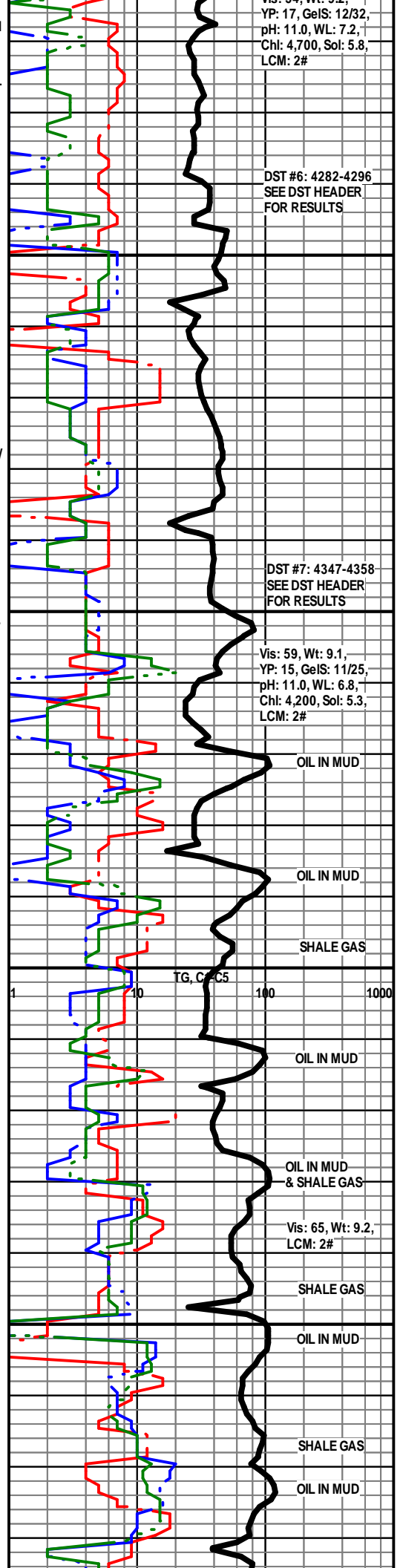
SH - GY / BLK, CARB IN PT W/ LS - BRN / GY, MOT IN PT, F XLN, PRED DNS, NS

LS - CRM / TAN / SCAT BRN, F / VF XLN, SL FOSS, SUBCHKY IN PT, TR P INTXLN POR, PRED DNS, SCAT SPTY STN, NSFO, NO ODOR W/ SCAT CHT - PRED GY

LS - CRM / TAN / BRN, MOT IN PT, F / VF XLN, OOL IN PT, SL FOSS, PRED DNS, NS W/ ABNT SH - GY / BLK, CARB IN PT

LS - TAN / GY / BRN, MOT IN PT, F / SCAT VF XLN, OOL IN PT, PRED DNS, NS W/ SH - PRED GY

LS - TAN / CRM / BRN, MOT IN PT, F / VF XLN, OOL + FOSS IN PT, TR P VUG + PPT POR, PRED DNS, VSSFO + GILS, NO ODOR, TR SPTY STN



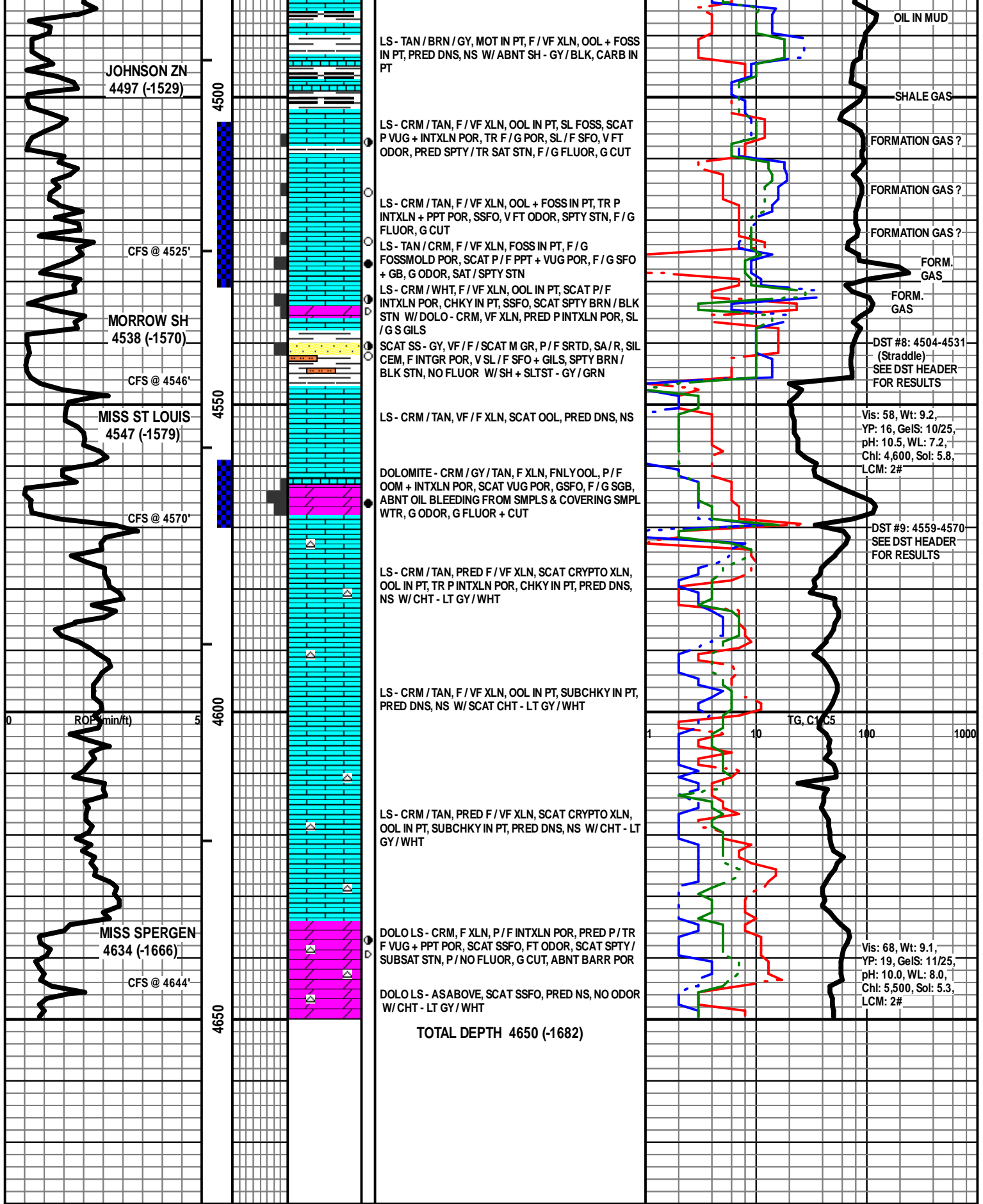
YP: 17, GeIS: 12/32, pH: 11.0, WL: 7.2, Chl: 4,700, Sol: 5.8, LCM: 2#

DST #6: 4282-4296
SEE DST HEADER FOR RESULTS

DST #7: 4347-4358
SEE DST HEADER FOR RESULTS

Vis: 59, Wt: 9.1, YP: 15, GeIS: 11/25, pH: 11.0, WL: 6.8, Chl: 4,200, Sol: 5.3, LCM: 2#

Vis: 65, Wt: 9.2, LCM: 2#



JOHNSON ZN
4497 (-1529)

4500

LS - TAN / BRN / GY, MOT IN PT, F / VF XLN, OOL + FOSS IN PT, PRED DNS, NS W/ ABNT SH - GY/BLK, CARB IN PT

OIL IN MUD

SHALE GAS

CFS @ 4525'

4525

LS - CRM / TAN, F / VF XLN, OOL IN PT, SL FOSS, SCAT P VUG + INTXN POR, TR F / G POR, SL / F SFO, V FT ODOR, PRED SPTY / TR SAT STN, F / G FLUOR, G CUT

FORMATION GAS ?

FORMATION GAS ?

FORMATION GAS ?

MORROW SH
4538 (-1570)

4538

LS - CRM / TAN, F / VF XLN, OOL + FOSS IN PT, TR P INTXN + PPT POR, SSFO, V FT ODOR, SPTY STN, F / G FLUOR, G CUT

FORM. GAS

FORM. GAS

CFS @ 4546'

4546

LS - TAN / CRM, F / VF XLN, FOSS IN PT, F / G FOSSMOLD POR, SCAT P / F PPT + VUG POR, F / G SFO + GB, G ODOR, SAT / SPTY STN

DST #8: 4504-4531 (Straddle) SEE DST HEADER FOR RESULTS

MISS ST LOUIS
4547 (-1579)

4547

LS - CRM / WHT, F / VF XLN, OOL IN PT, SCAT P / F INTXN POR, CHKY IN PT, SSFO, SCAT SPTY BRN / BLK STN W/ DOLO - CRM, VF XLN, PRED P INTXN POR, SL / G S GILS

Vis: 58, Wt: 9.2, YP: 16, GelS: 10/25, pH: 10.5, WL: 7.2, Chl: 4.600, Sol: 5.8, LCM: 2#

CFS @ 4570'

4570

SCAT SS - GY, VF / F / SCAT M GR, P / F SRTD, SA / R, SIL CEM, F INTGR POR, V SL / F SFO + GILS, SPTY BRN / BLK STN, NO FLUOR W/ SH + SLTST - GY / GRN

DST #9: 4559-4570 SEE DST HEADER FOR RESULTS

LS - CRM / TAN, VF / F XLN, SCAT OOL, PRED DNS, NS

DOLOMITE - CRM / GY / TAN, F XLN, FNLY OOL, P / F OOM + INTXN POR, SCAT VUG POR, GSFO, F / G SGB, ABNT OIL BLEEDING FROM SMPLS & COVERING SMPL WTR, G ODOR, G FLUOR + CUT

LS - CRM / TAN, PRED F / VF XLN, SCAT CRYPTO XLN, OOL IN PT, TR P INTXN POR, CHKY IN PT, PRED DNS, NS W/ CHT - LT GY / WHT

LS - CRM / TAN, F / VF XLN, OOL IN PT, SUBCHKY IN PT, PRED DNS, NS W/ SCAT CHT - LT GY / WHT

LS - CRM / TAN, PRED F / VF XLN, SCAT CRYPTO XLN, OOL IN PT, SUBCHKY IN PT, PRED DNS, NS W/ CHT - LT GY / WHT

MISS SPERGEN
4634 (-1666)

4634

DOLO LS - CRM, F XLN, P / F INTXN POR, PRED P / TR F VUG + PPT POR, SCAT SSFO, FT ODOR, SCAT SPTY / SUBSAT STN, P / NO FLUOR, G CUT, ABNT BARR POR

Vis: 68, Wt: 9.1, YP: 19, GelS: 11/25, pH: 10.0, WL: 8.0, Chl: 5.500, Sol: 5.3, LCM: 2#

CFS @ 4644'

4644

DOLO LS - AS ABOVE, SCAT SSFO, PRED NS, NO ODOR W/ CHT - LT GY / WHT

TOTAL DEPTH 4650 (-1682)

4650

ROP (min/ft)

TG, C1-C5

011 ~~8~~ File



PAGE 1 of 1	CUST NO 1003965	YARD # 1718	INVOICE DATE 09/10/2018
INVOICE NUMBER 92798746 SURFACE			

Pratt (620) 672-1201
 B STELBAR OIL CORPORATION INC
 I 1625 N WATERFRONT PKWY STE 200
 L WICHITA
 L KS US 67206
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Hell Creek 1-18
 O LOCATION
 B COUNTY Scott
 S STATE KS
 I JOB DESCRIPTION Cement-Casing Seat-Prod W
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41132313	86779		Net - 30 days	10/10/2018

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 09/08/2018 to 09/08/2018</i>				
0041132313				
171815909L Cement-Casing Seat-Prod W 09/08/2018 Cement Surface				
60/40 POZ	275.00	EA	7.32	2,013.00 T
Calcium Chloride	711.00	LB	0.64	455.04 T
Celloflake	69.00	LB	2.26	155.94 T
Wooden Cement Plug, 8 5/8"	1.00	EA	160.00	160.00 T
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	2.75	275.00 T
Heavy Equipment Mileage	200.00	MI	4.58	916.00 T
Proppant & Bulk Del. Chgs., per ton mil	1,185.00	EA	1.53	1,813.05 T
Blending & Mixing Service Charge	275.00	SK	0.85	233.75 T
Plug Container Utilization Charge	1.00	EA	152.50	152.50 T
Depth Charge; 0-500'	1.00	EA	610.00	610.00 T
"Service Supervisor, first 8 hrs on loc.	1.00	EA	106.75	106.75 T

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,891.03
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	585.74
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	7,476.77
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



1700 S. Country Estates Road
 Liberal, KS 67901
 PH (620)-624-2277 FAX (620) 624-2280

SERVICE ORDER - 1718 15909 L

Date: 9/8/2018

TTL MHR 36

Well Name:
 Hell Creek #1-18
 County - State:
 Scott, Ks

Location:
 18,18S,31W
 RRC #:
 86779-3
 Customer's Order #:

Type Of Service:
 Z41 - Cement Surface Casing

1003965

Customer: Stelbar

Address: 1625 N. Waterfront Alley SH 200
 Wichita KS 67206

As a consideration, the above named Customer agrees to pay Basic Energy Services in accord with the rates and terms stated in Basic Energy Services current price lists. Invoices are payable NET 30 (SEE 10.2) after date of invoice. Upon Customer's default in payment of Customers account by such date, Customer agrees to pay interest thereon after default at 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all the collection costs and attorney fees. These terms and conditions shall be governed by the laws of the state where services are performed or equipment or materials are furnished.

Basic Energy Services, warrants only title to the products, supplies and materials and that the same are free from defects in workmanship. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Basic Energy Services, liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies, or materials upon their return to Basic Energy Services, is expressly limited to the replacement of such products, supplies or materials or, at Basic Energy Services, option, to the allowance to the Customer of credit for the cost of such items. In no event shall Basic Energy Services be liable for special, indirect, punitive or consequential damages.

CODE	QTY	UOM	DESCRIPTION	PRICE	TOTAL
CL103	275	Sk	60/40 POZ	12.00	3300.00
CC109	711	Lb	Calcium Chloride	1.05	746.55
CC102	69	Lb	Celloflake	3.70	255.30
CF153	1	Ea	Wooden Cement Plug, 8 5/8"	160.00	160.00
E101	200	Mi	Heavy Equipment Mileage	7.50	1500.00
CE240	275	Sk	Blending & Mixing Service Charge	1.40	385.00
E113	1185	Tn/Mi	Proppant and Bulk Delivery Charges, per ton mile	2.50	2962.50
CE200	1	4 Hrs	Depth Charge; 0-500'	1000.00	1000.00
CE504	1	Job	Plug Container Utilization Charge	250.00	250.00
E100	100	Mi	Unit Mileage Charge-Pickups, Small Vans & Cars (one way)	4.50	450.00
S003	1	Ea	Service Supervisor, first 8 hrs on loc.	175.00	175.00
				Book Total:	\$11,184.35
				Taxes:	
				Disc. Price:	\$6,891.03

PUMP TRUCK NUMBER: 77686, 86779

DRIVER: Michael
 Daniel Beech
 BASIC ENERGY SERVICES

THIS JOB WAS SATISFACTORILY COMPLETED YES NO
 OPERATION OF EQUIPMENT WAS SATISFACTORY
 PERFORMANCE OF PERSONEL WAS SATISFACTORY

x Alan Lopez
 CUSTOMER OR HIS AGENT

TB

Customer Comments or Concerns:



Liberal Yard #1717 Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING Job Log

Customer:	Stelbar	Cement Pump No.:	77686, 86779 3Hrs.	Operator TRK No.:	96816
Address:		Ticket #:	1718 15909 L	Bulk TRK No.:	84981, 19918 Josh
City, State, Zip:		Job Type:	Z41 - Cement Surface Casing		
Service District:	1718 - Liberal, Ks.	Well Type:	OIL		

Well Name and No.:	Hell Creek #1-18	Well Location:	18,18S,31W	County:	Scott	State:	Ks
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Type of Cmt	Sacks	Additives	Truck Loaded On		
60/40 Poz	275	3% Calcium Chloride, 1/4# Celloflake	84981, 19918 Josh	Front	Back
				Front	Back
				Front	Back

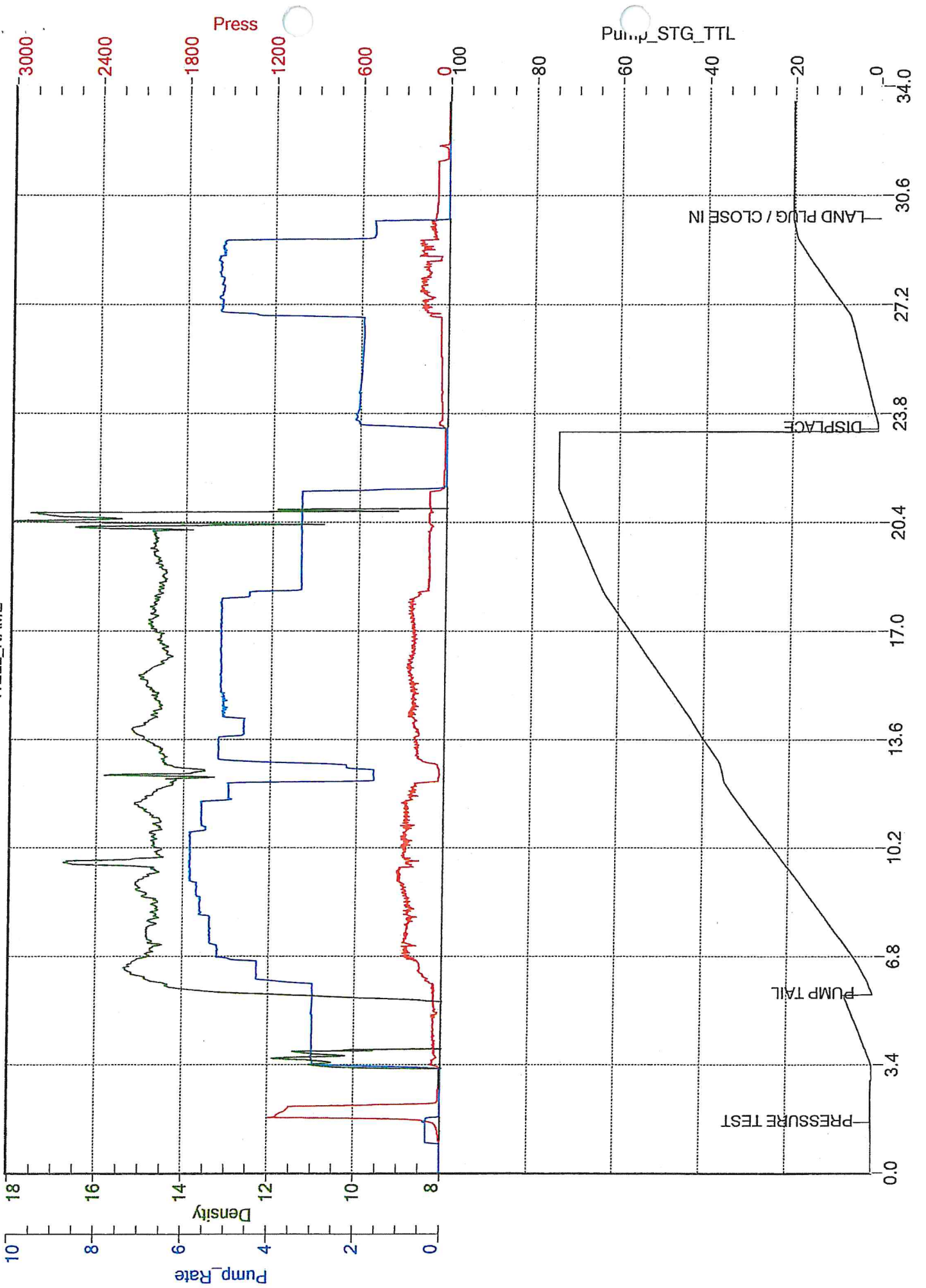
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Tail:	14.8	1.21	5.18	332.75	TT Man Hours:	36
					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLS)	Pumps		Pressure(Psi)		Description of Operation and Materials
			T	C	Tubing	Casing	
23:00							ON LOCATION
0:30							SAFETY MEETING
1:00							RIG UP & WAIT
2:00 AM							RIG TO CIRCULATE
2:10 AM							RIG TO P.T.
2:15 AM							PRESSURE TEST TO 1000PSI
2:20	5	59.2 slurry				240	PUMP 275SX TAIL @ 14.8#
2:36							SHUTDOWN / DROP WOODEN PLUG
2:37 AM							DISPLACE
2:40	5.3	15				160	CEMENT RETURNS
2:44	1.7	18.4				110	DISPLACEMENT REACHED / SHUTDOWN
							CLOSE IN
							JOB COMPLETE

Size Hole	12 1/4"	Depth			TYPE	Plug Container	
Size & Wt. Csg.	8 5/8" 24#	Depth	310'	New / Used	Packer	Depth	
Landing Press.	97.3psi	Depth			Retainer	Depth	
Shoe Jt.	20'	Type			Perfs	CIBP	

Customer Signature: <i>[Signature]</i>	Basic Representative:	Daniel Beck
	Basic Signature:	<i>[Signature]</i>
	Date of Service:	9/8/2018

Stelbar
WELL_NAME





Well File

PAGE 1 of 1	CUST NO 1003965	YARD # 1718	INVOICE DATE 09/19/2018
INVOICE NUMBER 92806743 <i>PRODUCTION</i>			

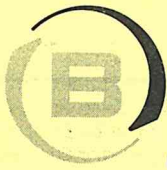
Pratt (620) 672-1201
 B STELBAR OIL CORPORATION INC
 I 1625 N WATERFRONT PKWY STE 200
 L WICHITA
 L KS US 67206
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Hell Creek 1-18
 O LOCATION
 B COUNTY Scott
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41134177	86779		Net - 30 days	10/19/2018

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 09/18/2018 to 09/18/2018</i>				
0041134177				
171816921A Cement-New Well Casing/Pi 09/18/2018 Cement 5 1/2" Two Stage Longstring				
AA2 Cement	175.00	EA	8.84	1,547.00 T
A-Con' Blend	350.00	EA	9.36	3,276.00 T
Common Cement	120.00	EA	8.32	998.40 T
C-41P	83.00	LB	2.08	172.64 T
Salt	971.00	LB	0.26	252.46 T
Gypsum	825.00	LB	0.39	321.75 T
C-17	83.00	LB	10.40	863.20 T
Gilsonite	878.00	LB	0.35	305.90 T
Celloflake	118.00	LB	1.92	227.03 T
Calcium Chloride	1,213.00	LB	0.55	662.30 T
Two Stage Cement Collar, 5 1/2" (Blue)	1.00	EA	2,340.00	2,340.00
Auto Fill Float Shoe 5 1/2" (Blue)	1.00	EA	187.20	187.20
Turbolizer, 5 1/2" (Blue)	20.00	EA	57.20	1,144.00
5 1/2" Basket (Blue)	1.00	EA	150.80	150.80
Industrial Rubber Thread Lock Kit	1.00	EA	17.68	17.68
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	2.34	234.00
Heavy Equipment Mileage	300.00	MI	3.90	1,170.00
Proppant & Bulk Del. Chgs., per ton mil	3,035.00	EA	1.30	3,945.50
Blending & Mixing Service Charge	645.00	SK	0.73	469.56
Plug Container Utilization Charge	1.00	EA	130.00	130.00
Depth Charge; 4001'-5000'	1.00	EA	1,310.40	1,310.40
"Service Supervisor, first 8 hrs on loc.	1.00	EA	91.00	91.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	19,816.82
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	733.27
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	20,550.09
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 16921 A

DATE _____ TICKET NO. _____

DATE OF JOB: 9-18-18 DISTRICT		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER: STELBAR OIL CORP.		LEASE: HELL CREEK WELL NO: 1-18								
ADDRESS:		COUNTY: SCOTT STATE: Ks.								
CITY: STATE:		SERVICE CREW: LESLEY, MCGRAW, DIAZ, EULER								
AUTHORIZED BY:		JOB TYPE: 242 5 1/2" TWO STAGE								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
86779	5					9/18-18				7:00
19862	5									10:00
37725	5									2:00
										7:00
										7:30
MILES FROM STATION TO WELL										

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA2 CEMENT	SK	175		2,975.00
CP 101	A-CON BLEND	SK	350		4,300.00
CP 100C	COMMON CEMENT	SK	70		1,120.00
CP 100C	COMMON CEMENT	SK	50		800.00
CC 105	C-41P	lb	83		332.00
CC 111	SALT	lb	971		485.50
CC 113	GYP SUM	lb	885		618.75
CC 148	C-17	lb	83		1,660.00
CC 201	GILSONITE	lb	818		588.26
CC 108	CELL FLAKE	lb	118		436.00
CC 109	CALCIUM CHLORIDE	lb	1213		1,213.65
CF 451	TWO STAGE CMT. COLLAR, 5 1/2"	EA	1		4,500.00
CF 1251	AUTO FILL FLOAT SHADE, 5 1/2"	EA	1		360.00
CF 11651	TURBOLIZER, 5 1/2"	EA	20		2,200.00
CF 1901	BASKET, 5 1/2"	EA	1		290.00
CF 3000	INDUSTRIAL RUBBER THREAD LOCK KIT	EA	1		34.00
SUB TOTAL					

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

SERVICE REPRESENTATIVE: <i>[Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

PG #1 OF #2

BASIC

energy services, L.P.

TREATMENT REPORT

Customer STELBAR OIL	Lease No.	Date 9-18-2018
Lease JANSEN TROST	Well # F-24	
Field Order # 10921	Station PRATT, KS.	Casing 3 1/2"
Type Job 5 1/2" TWO STAGE	Formation	Depth 4165'
		County SCOTT
		State Ks
		Legal Description 23-185-32W

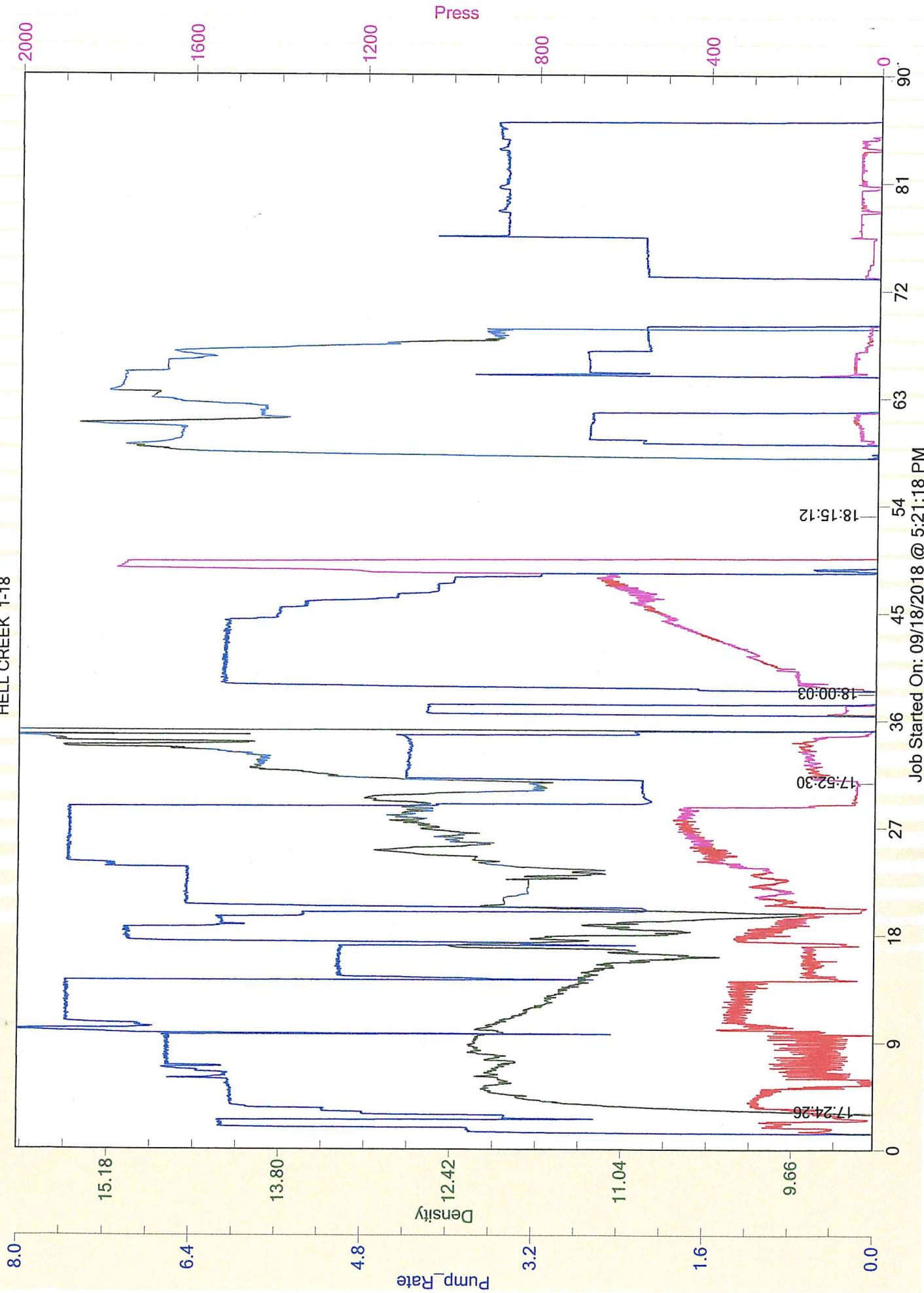
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2 x 15.5	Tubing Size	Shots/Ft	CMT-175 SK	Acid AA2	RATE	PRESS	ISIP	
Depth 4163'	Depth	From	To	Pre Pad @ 1.54 CU FT	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press 2000	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 4588'	Packer Depth	From	To	Flush 109 BBL	Gas Volume		Total Load	

Customer Representative **TYSON DILKA** Station Manager **J.W.** Treater **K. LESLEY**

Service Units	61531	77686	86779	27803	37725	70959	19862			
Driver Names	LESLEY	MCPHEA	---	EULER	---	DIAZ	---			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:15 AM	9-18	18			ON LOCATION - SAFETY MEETING
10:30 AM					RUN 110 JTS. 5 1/2" x 15.5" CSG.
					TURBO - 1/20
					BASKET - 56"
					DV TOOL @ 2288'
1:15 PM					CSG. ON BOTTOM/BREAK CIRC. W/RIG
2:00 PM					STARTED TO LOSE CIRC.
2:25 PM	400		10	6	H2O SPACER
2:27 PM	500		48	6	MIX 175 SKS. AA2 @ 14.8 PPG
2:35 PM					CLEAR PUMP & LINE / DRIP L.D. PLUG
2:42 PM	0		0	6	START DISPLACEMENT
2:51 PM	250		55	6	LIFT PRESSURE
2:59 PM	1000		100	4	SLOW RATE
3:00 PM	1500		109	3	PLUG DOWN - HELD
3:10 PM					CIRC. THRU JOB - MINIMAL
3:15 PM					DRIP DV OPENING TOOL
					OPEN DV TOOL & CIRC. 4 HRS.
					OVER →

STELBAR OPERATING
HELL CREEK 1-18
TOP STAGE



17:24:26
17:52:30
18:00:03
18:15:12
Job Started On: 09/18/2018 @ 5:21:18 PM