

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 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) (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	BROOKOVER 1-25
Doc ID	1459086

All Electric Logs Run

Array Induction
Microlog
Comp. Neutron/Comp. Density/PE
Comp. Sonic Log

Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	BROOKOVER 1-25
Doc ID	1459086

Tops

Name	Top	Datum
B/Anhydrite	2324	+651
Heebner Sh	3900	-925
Lansing	3940	-965
Mun Crk Sh	4125	-1150
Stark Sh	4218	-1243
Marmaton 'B'	4356	-1381
Pawnee	4429	-1454
Cherokee Sh	4470	-1495
Johnson Zone	4530	-1555
Morrow Sh	4570	-1595
Miss	4595	-1620



DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

Brookover #1-25

25-17s- 32w Scott,KS

Start Date: 2019.04.26 @ 11:56:23

End Date: 2019.04.26 @ 20:03:53

Job Ticket #: 65136 DST #: 1

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

Printed: 2019.04.30 @ 15:32:05

Stelbar Oil Corp
25-17s- 32w Scott,KS
Brookover #1-25
DST # 1
LKC "D"
2019.04.26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

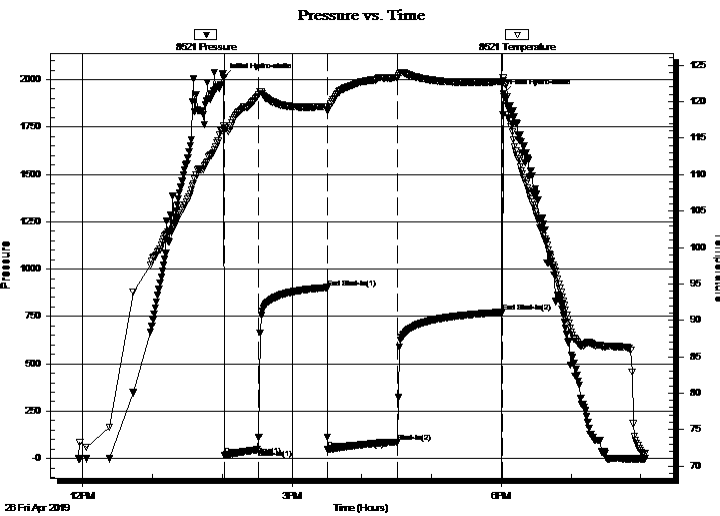
25-17s- 32w Scott,KS
Brookover #1-25
Job Ticket: 65136 **DST#: 1**
Test Start: 2019.04.26 @ 11:56:23

GENERAL INFORMATION:

Formation: **LKC "D"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:01:38
Time Test Ended: 20:03:53
Test Type: Conventional Bottom Hole (Initial)
Tester: Mike Roberts
Unit No: 81
Interval: **4027.00 ft (KB) To 4046.00 ft (KB) (TVD)**
Reference Elevations: 2975.00 ft (KB)
Total Depth: 4046.00 ft (KB) (TVD) 2962.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

Serial #: 8521 Inside
Press@RunDepth: 86.60 psig @ 4028.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.04.26 End Date: 2019.04.26 Last Calib.: 2019.04.26
Start Time: 11:56:23 End Time: 20:03:53 Time On Btm: 2019.04.26 @ 14:01:23
Time Off Btm: 2019.04.26 @ 18:01:53

TEST COMMENT: IF: Built to 5 1/4" blow
IS: No return blow
FF: Built to 5 1/4" blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.81	116.60	Initial Hydro-static
1	16.73	116.01	Open To Flow (1)
30	46.90	120.74	Shut-In(1)
89	902.22	119.35	End Shut-In(1)
90	48.37	118.88	Open To Flow (2)
149	86.60	123.34	Shut-In(2)
240	772.09	122.73	End Shut-In(2)
241	1926.32	122.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mco 50% m 50% o	0.30
138.00	gco 5% g 95% o	0.86

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

25-17s- 32w Scott,KS
Brookover #1-25
 Job Ticket: 65136 **DST#: 1**
 Test Start: 2019.04.26 @ 11:56:23

GENERAL INFORMATION:

Formation: **LKC "D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:01:38
 Time Test Ended: 20:03:53
 Interval: **4027.00 ft (KB) To 4046.00 ft (KB) (TVD)**
 Total Depth: 4046.00 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: 2975.00 ft (KB)
 2962.00 ft (CF)
 KB to GR/CF: 13.00 ft

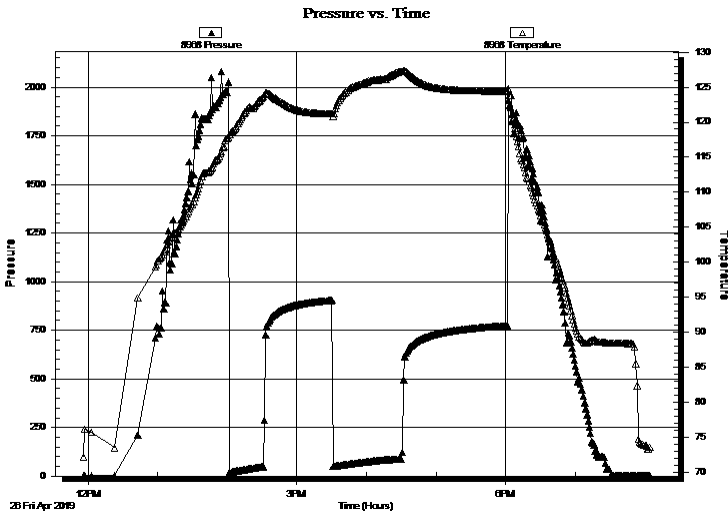
Serial #: 8968

Outside

Press@RunDepth: psig @ 4028.00 ft (KB)
 Start Date: 2019.04.26 End Date: 2019.04.26
 Start Time: 11:56:15 End Time: 20:04:30
 Capacity: 8000.00 psig
 Last Calib.: 2019.04.26
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Built to 5 1/4" blow
 IS: No return blow
 FF: Built to 5 1/4" blow
 FS: No return blow

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mco 50% m 50% o	0.30
138.00	gco 5% g 95% o	0.86

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

25-17s- 32w Scott,KS
Brookover #1-25
Job Ticket: 65136 **DST#: 1**
Test Start: 2019.04.26 @ 11:56:23

Tool Information

Drill Pipe:	Length: 3830.00 ft	Diameter: 3.80 inches	Volume: 53.72 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: 54.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4027.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	50.00 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			3997.00	
Shut In Tool	5.00			4002.00	
Sampler	3.00			4005.00	
Hydraulic tool	5.00			4010.00	
Jars	5.00			4015.00	
Safety Joint	3.00			4018.00	
Packer	5.00			4023.00	31.00 Bottom Of Top Packer
Packer	4.00			4027.00	
Stubb	1.00			4028.00	
Recorder	0.00	8968	Outside	4028.00	
Recorder	0.00	8521	Inside	4028.00	
Perforations	13.00			4041.00	
Bullnose	5.00			4046.00	19.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp

25-17s- 32w Scott,KS

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

Brookover #1-25

Job Ticket: 65136

DST#: 1

Test Start: 2019.04.26 @ 11:56:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.34 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mco 50% m 50% o	0.295
138.00	gco 5% g 95% o	0.861

Total Length: 198.00 ft Total Volume: 1.037 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 31 @ 60

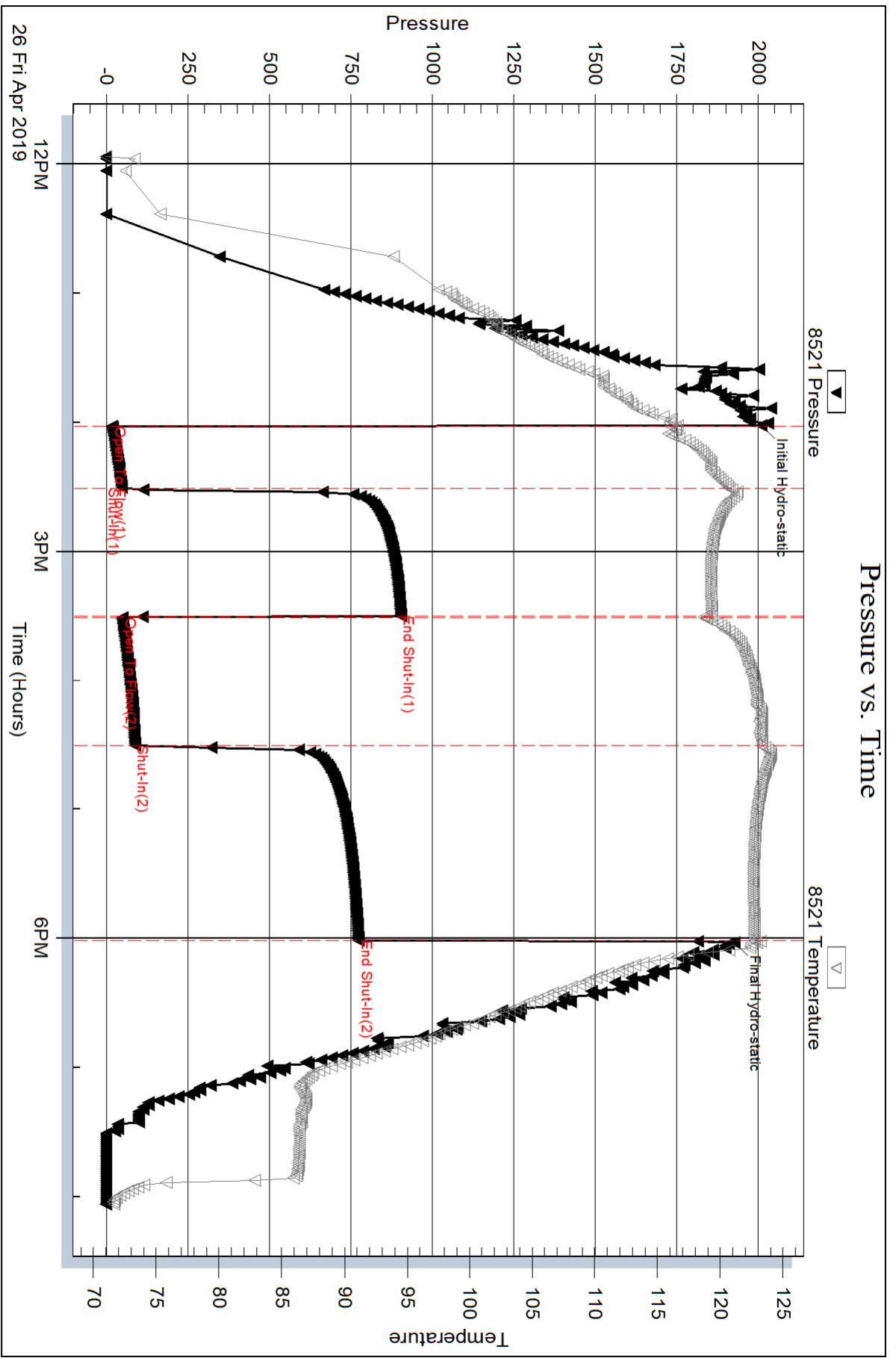
Serial #: 8521

Inside

Stelbar Oil Corp

Brookover #1-25

DST Test Number: 1

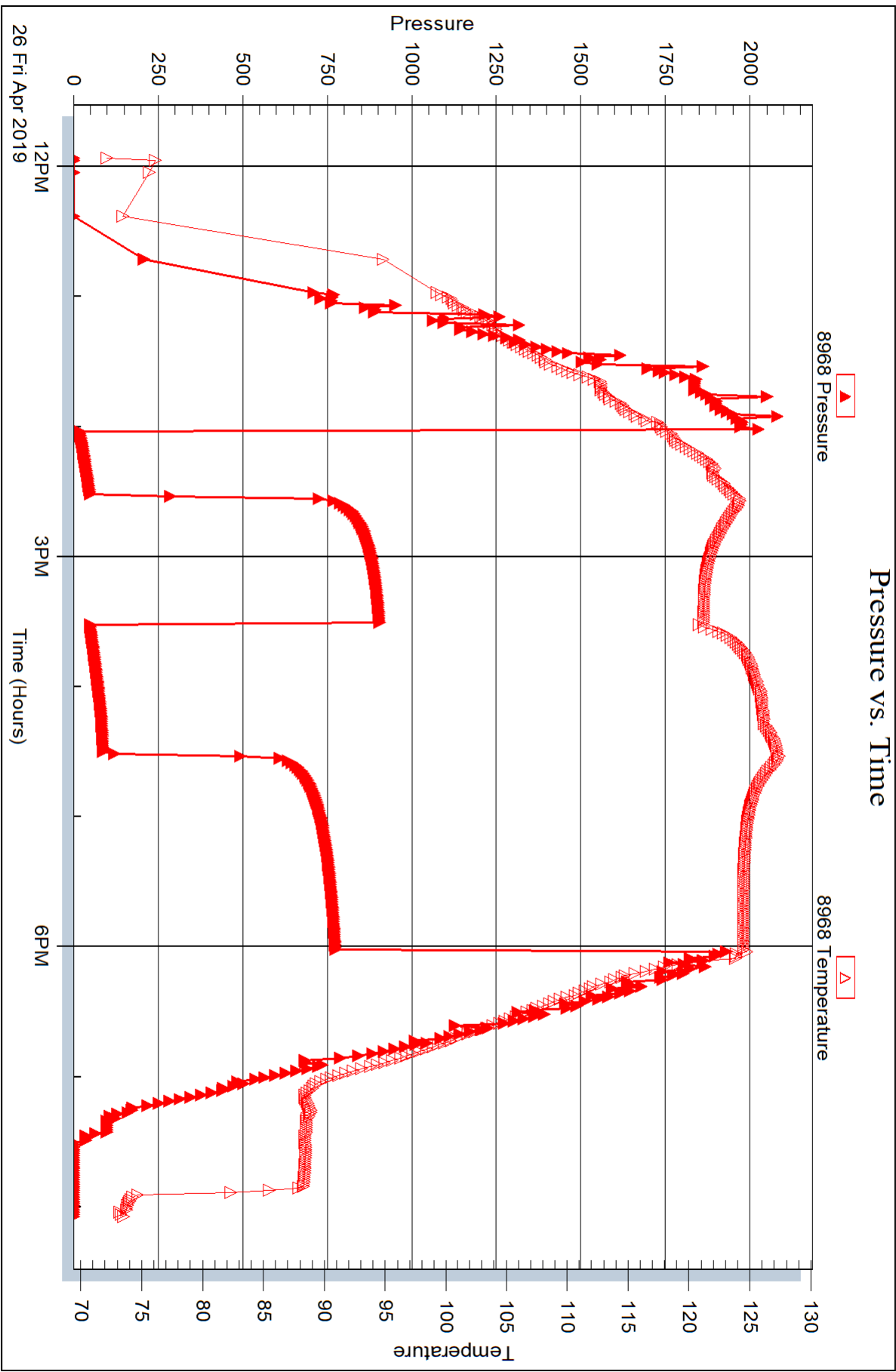


Serial #: 8968

Outside Stelbar Oil Corp

Brookover #1-25

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

Brookover #1-25

25-17s- 32w Scott,KS

Start Date: 2019.04.27 @ 08:16:15

End Date: 2019.04.27 @ 13:33:30

Job Ticket #: 65137 DST #: 2

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

Printed: 2019.04.30 @ 15:31:44



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

25-17s- 32w Scott,KS
Brookover #1-25
Job Ticket: 65137 **DST#: 2**
Test Start: 2019.04.27 @ 08:16:15

GENERAL INFORMATION:

Formation: **LKC "I"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:41:00
Time Test Ended: 13:33:30
Interval: **4165.00 ft (KB) To 4192.00 ft (KB) (TVD)**
Total Depth: 4192.00 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: 2975.00 ft (KB)
2962.00 ft (CF)
KB to GR/CF: 13.00 ft

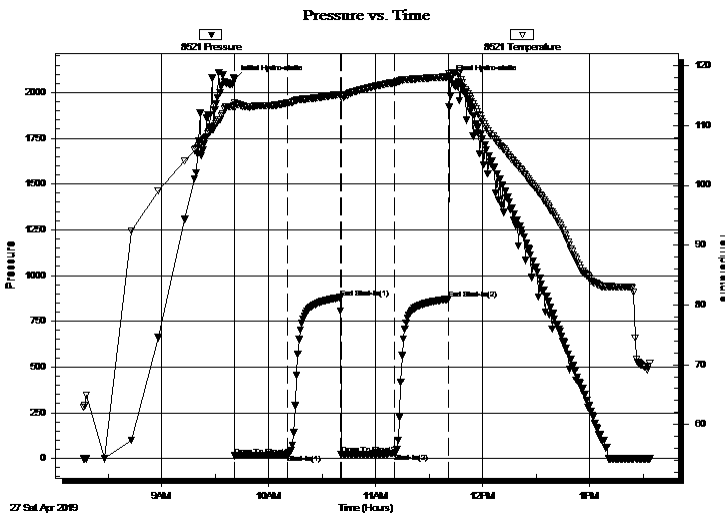
Serial #: 8521

Inside

Press@RunDepth: 27.52 psig @ 4166.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.04.27 End Date: 2019.04.27 Last Calib.: 2019.04.27
Start Time: 08:16:15 End Time: 13:33:30 Time On Btm: 2019.04.27 @ 09:40:45
Time Off Btm: 2019.04.27 @ 11:41:30

TEST COMMENT: IF: Built to weak surface blow
IS: No return blow
FF: No blow
FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2072.79	113.76	Initial Hydro-static
1	14.85	113.02	Open To Flow (1)
30	20.02	113.75	Shut-In(1)
60	879.64	115.22	End Shut-In(1)
60	21.01	114.73	Open To Flow (2)
90	27.52	117.19	Shut-In(2)
120	870.91	118.14	End Shut-In(2)
121	2068.88	118.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud with oil spots 100% m	0.05

* 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

25-17s- 32w Scott,KS
Brookover #1-25
 Job Ticket: 65137 **DST#: 2**
 Test Start: 2019.04.27 @ 08:16:15

GENERAL INFORMATION:

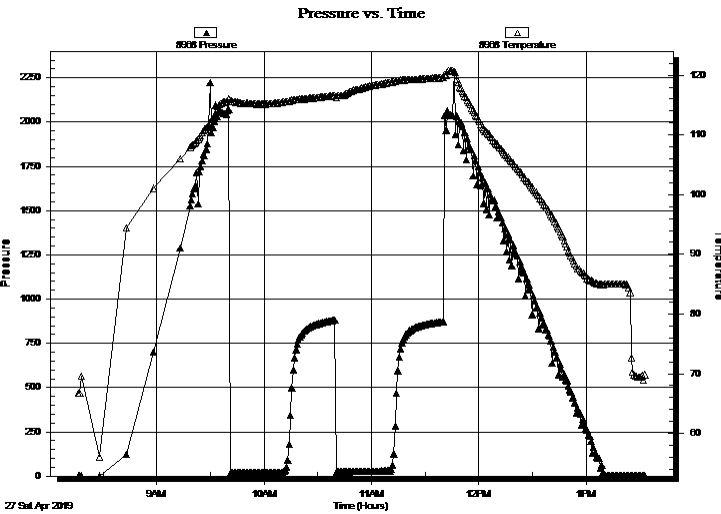
Formation: **LKC "I"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 09:41:00 Tester: Mike Roberts
 Time Test Ended: 13:33:30 Unit No: 81
Interval: 4165.00 ft (KB) To 4192.00 ft (KB) (TVD)
 Reference Elevations: 2975.00 ft (KB)
 Total Depth: 4192.00 ft (KB) (TVD) 2962.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

Serial #: 8968

Outside

Press@RunDepth: psig @ 4166.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.04.27 End Date: 2019.04.27 Last Calib.: 2019.04.27
 Start Time: 08:16:15 End Time: 13:33:15 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Built to weak surface blow
 IS: No return blow
 FF: No blow
 FS: No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud with oil spots 100% m	0.05

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

25-17s- 32w Scott,KS
Brookover #1-25
Job Ticket: 65137 **DST#: 2**
Test Start: 2019.04.27 @ 08:16:15

Tool Information

Drill Pipe:	Length: 3984.00 ft	Diameter: 3.80 inches	Volume: 55.89 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: 56.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4165.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	58.00 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			4135.00	
Shut In Tool	5.00			4140.00	
Sampler	3.00			4143.00	
Hydraulic tool	5.00			4148.00	
Jars	5.00			4153.00	
Safety Joint	3.00			4156.00	
Packer	5.00			4161.00	31.00 Bottom Of Top Packer
Packer	4.00			4165.00	
Stubb	1.00			4166.00	
Recorder	0.00	8968	Outside	4166.00	
Recorder	0.00	8521	Inside	4166.00	
Perforations	21.00			4187.00	
Bullnose	5.00			4192.00	27.00 Bottom Packers & Anchor

Total Tool Length: 58.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp

25-17s- 32w Scott,KS

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

Brookover #1-25

Job Ticket: 65137

DST#: 2

Test Start: 2019.04.27 @ 08:16:15

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: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.35 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	mud w ith oil spots 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

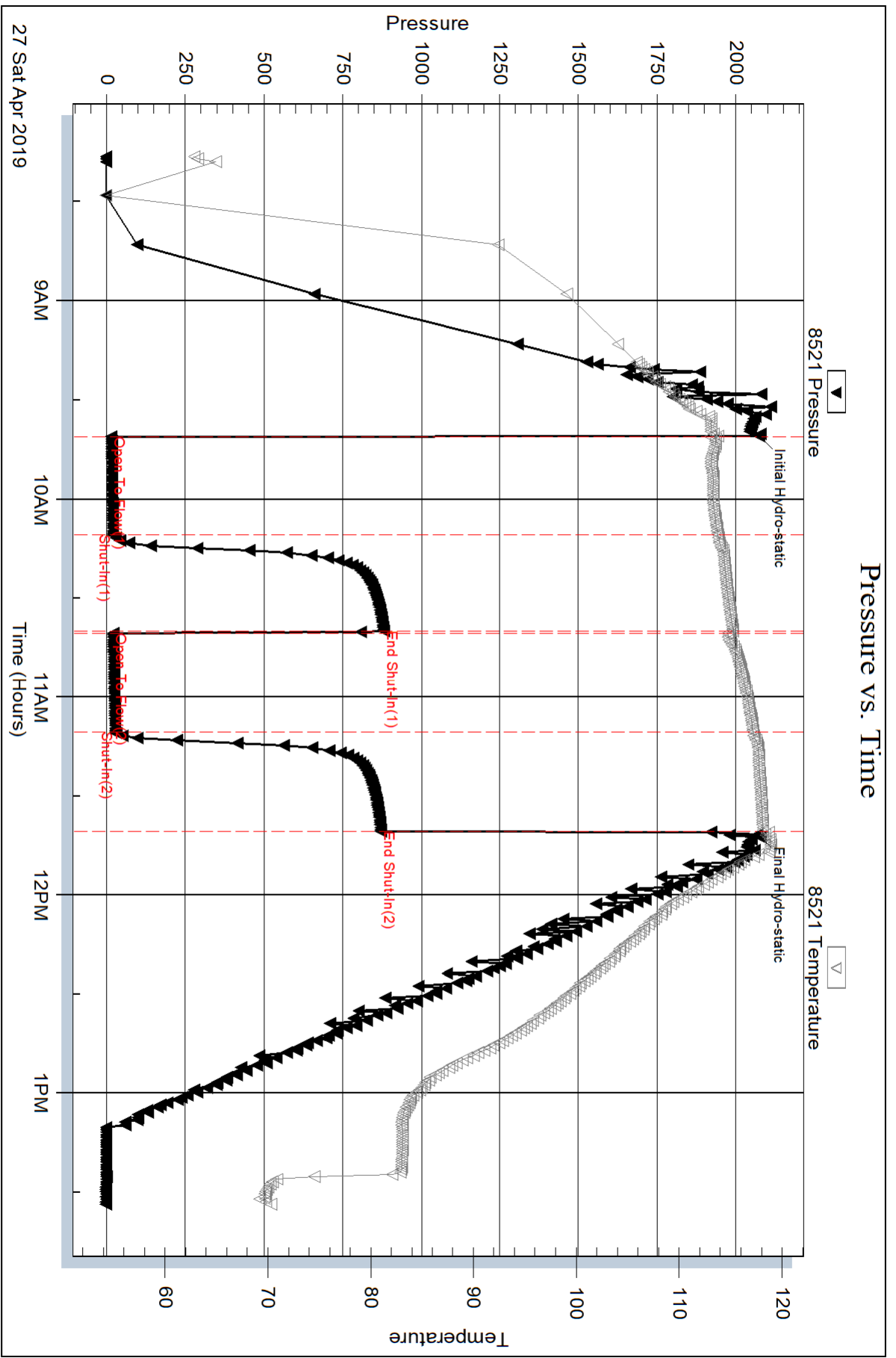
Serial #: 8521

Inside

Stelbar Oil Corp

Brookover #1-25

DST Test Number: 2

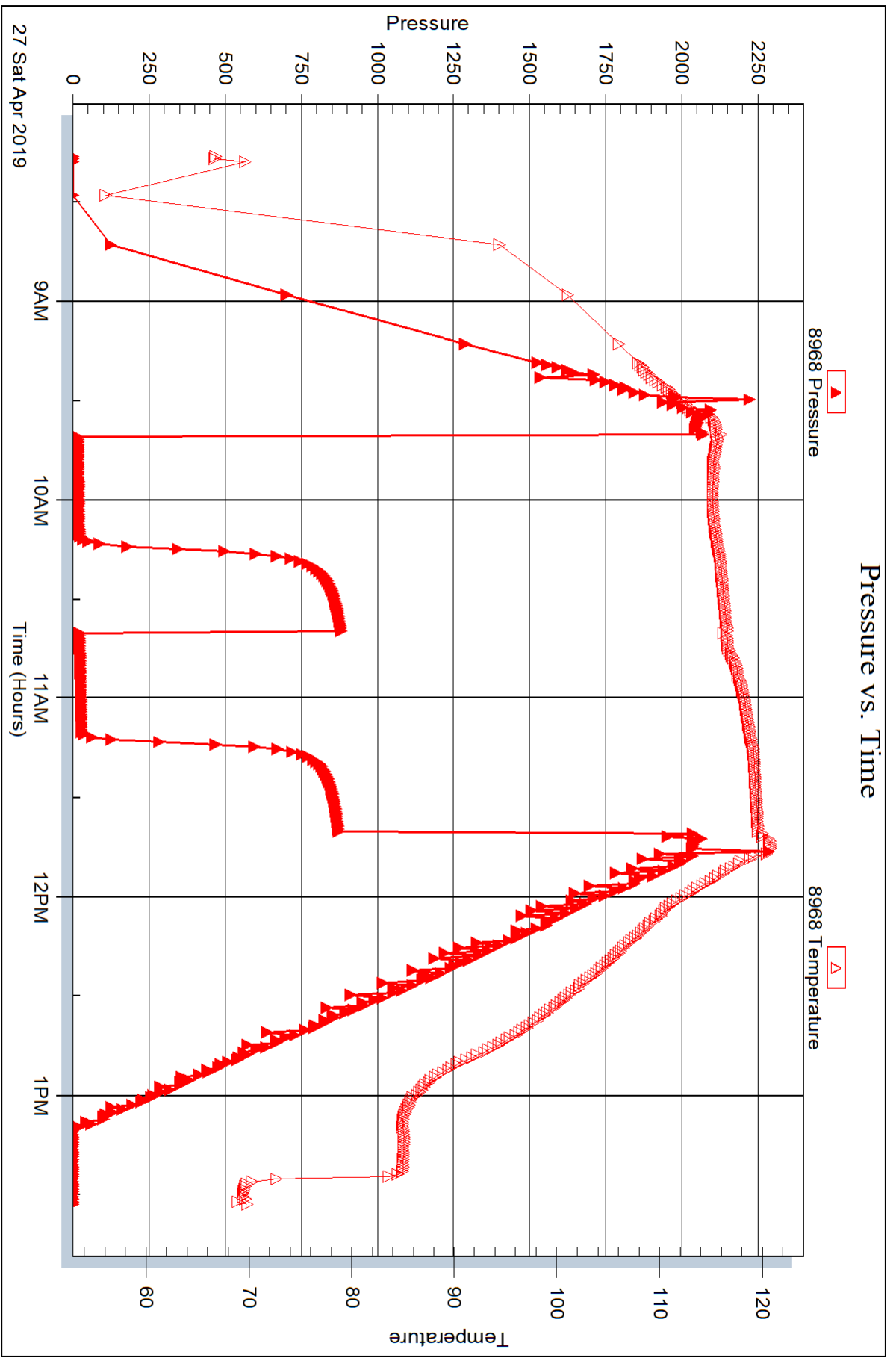


Serial #: 8968

Outside Stelbar Oil Corp

Brookover #1-25

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

Brookover #1-25

25-17s- 32w Scott,KS

Start Date: 2019.04.27 @ 20:24:15

End Date: 2019.04.28 @ 04:59:45

Job Ticket #: 65138 DST #: 3

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

Printed: 2019.04.30 @ 15:31:10



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

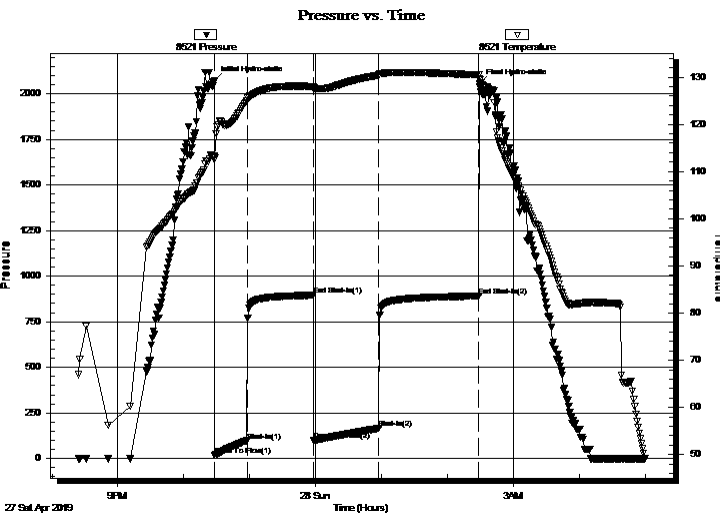
25-17s- 32w Scott,KS
Brookover #1-25
 Job Ticket: 65138 **DST#: 3**
 Test Start: 2019.04.27 @ 20:24:15

GENERAL INFORMATION:

Formation: **LKC "J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:28:00
 Time Test Ended: 04:59:45
 Interval: **4197.00 ft (KB) To 4208.00 ft (KB) (TVD)**
 Total Depth: 4208.00 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: 2975.00 ft (KB)
 2962.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8521 Inside
 Press@RunDepth: 165.75 psig @ 4198.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.04.27 End Date: 2019.04.28 Last Calib.: 2019.04.28
 Start Time: 20:24:15 End Time: 04:59:45 Time On Btm: 2019.04.27 @ 22:27:45
 Time Off Btm: 2019.04.28 @ 02:29:00

TEST COMMENT: IF: Built to 5 1/4" blow
 IS: No return blow
 FF: Built to 6" blow
 FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2070.91	113.15	Initial Hydro-static
1	18.37	112.48	Open To Flow (1)
30	97.39	125.04	Shut-In(1)
90	895.12	128.03	End Shut-In(1)
91	99.24	127.47	Open To Flow (2)
150	165.75	130.43	Shut-In(2)
241	890.13	130.49	End Shut-In(2)
242	2054.64	129.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
178.00	mcw 10% m 90% w (collars)	0.88
124.00	ocmw 10% o 10% m 80% m	1.74
20.00	Free oil (Thick)	0.28

* 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

25-17s- 32w Scott,KS

Brookover #1-25

Job Ticket: 65138

DST#: 3

Test Start: 2019.04.27 @ 20:24:15

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:28:00

Time Test Ended: 04:59:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

Interval: 4197.00 ft (KB) To 4208.00 ft (KB) (TVD)

Reference Elevations: 2975.00 ft (KB)

Total Depth: 4208.00 ft (KB) (TVD)

2962.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8968 Outside

Press@RunDepth: psig @ 4198.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.04.27 End Date: 2019.04.28

Last Calib.: 2019.04.28

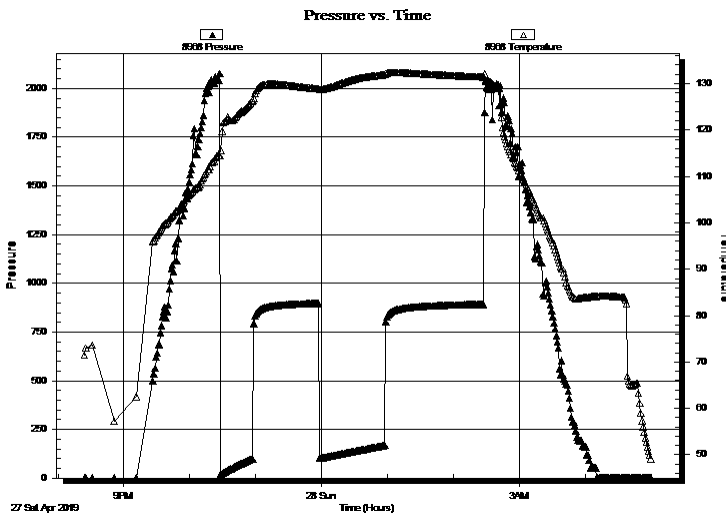
Start Time: 20:24:15 End Time: 04:59:45

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Built to 5 1/4" blow
IS: No return blow
FF: Built to 6" blow
FS: No return blow

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
178.00	mcw 10% m 90% w (collars)	0.88
124.00	ocmw 10% o 10% m 80% m	1.74
20.00	Free oil (Thick)	0.28

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

25-17s- 32w Scott,KS
Brookover #1-25
Job Ticket: 65138 **DST#: 3**
Test Start: 2019.04.27 @ 20:24:15

Tool Information

Drill Pipe:	Length: 4016.00 ft	Diameter: 3.80 inches	Volume: 56.33 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: 57.21 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4197.00 ft			Final	71000.00 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
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4167.00	
Shut In Tool	5.00			4172.00	
Sampler	3.00			4175.00	
Hydraulic tool	5.00			4180.00	
Jars	5.00			4185.00	
Safety Joint	3.00			4188.00	
Packer	5.00			4193.00	31.00 Bottom Of Top Packer
Packer	4.00			4197.00	
Stubb	1.00			4198.00	
Recorder	0.00	8968	Outside	4198.00	
Recorder	0.00	8521	Inside	4198.00	
Perforations	5.00			4203.00	
Bullnose	5.00			4208.00	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 Pkwy
STE 200
Wichita KS 67206
ATTN: Dave Goldak

25-17s- 32w Scott,KS
Brookover #1-25
Job Ticket: 65138 **DST#: 3**
Test Start: 2019.04.27 @ 20:24:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 19 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 18000 ppm
Viscosity: 67.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.16 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3200.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
178.00	mcw 10%m 90% w (collars)	0.875
124.00	ocmw 10%o 10%m 80%m	1.739
20.00	Free oil (Thick)	0.281

Total Length: 322.00 ft Total Volume: 2.895 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW= .716@ 37.9= 18,000 ppm
API= 19 @ 60 corrected to 19

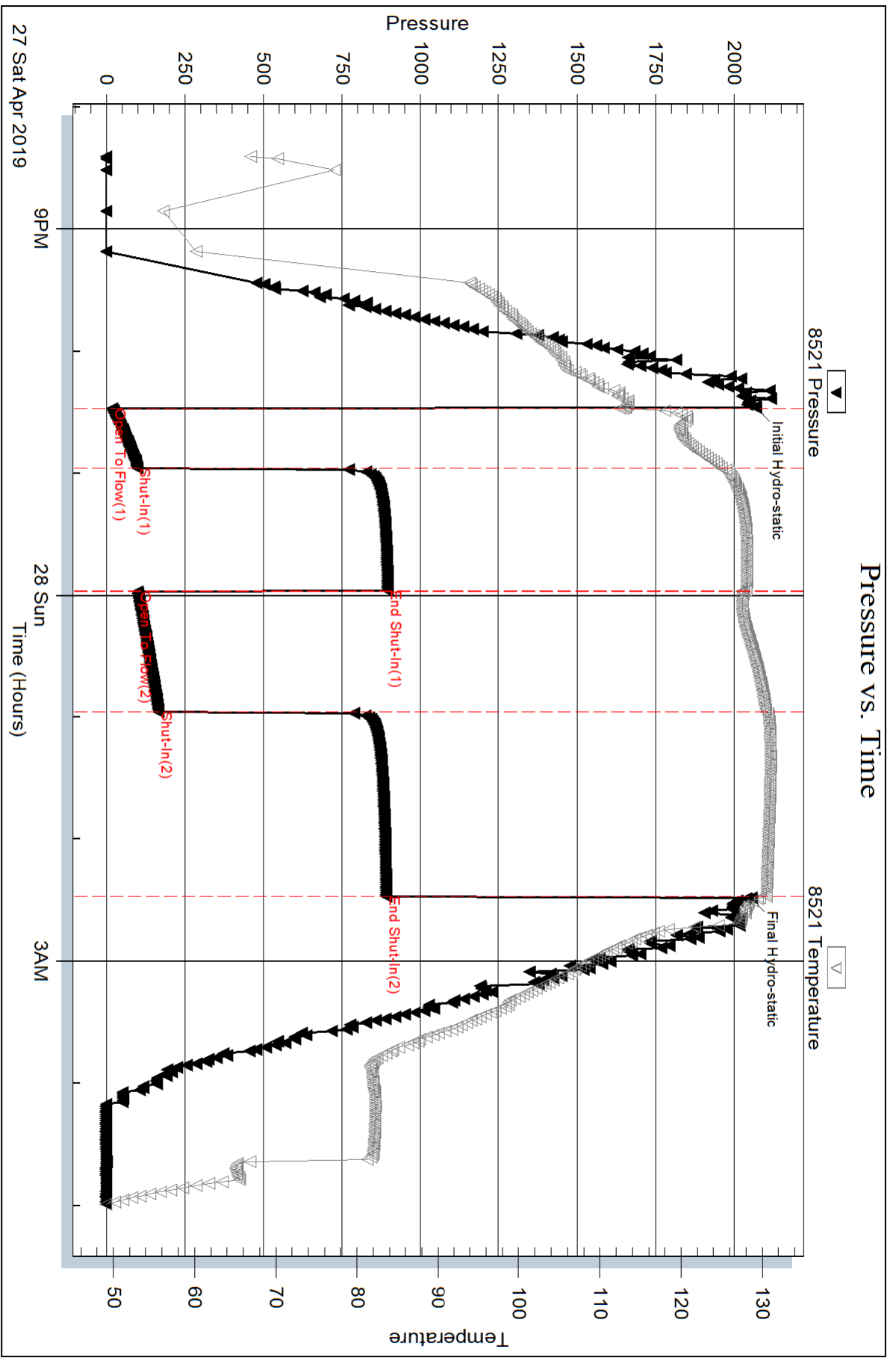
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Inside

Stelbar Oil Corp

Brookover #1-25

DST Test Number: 3

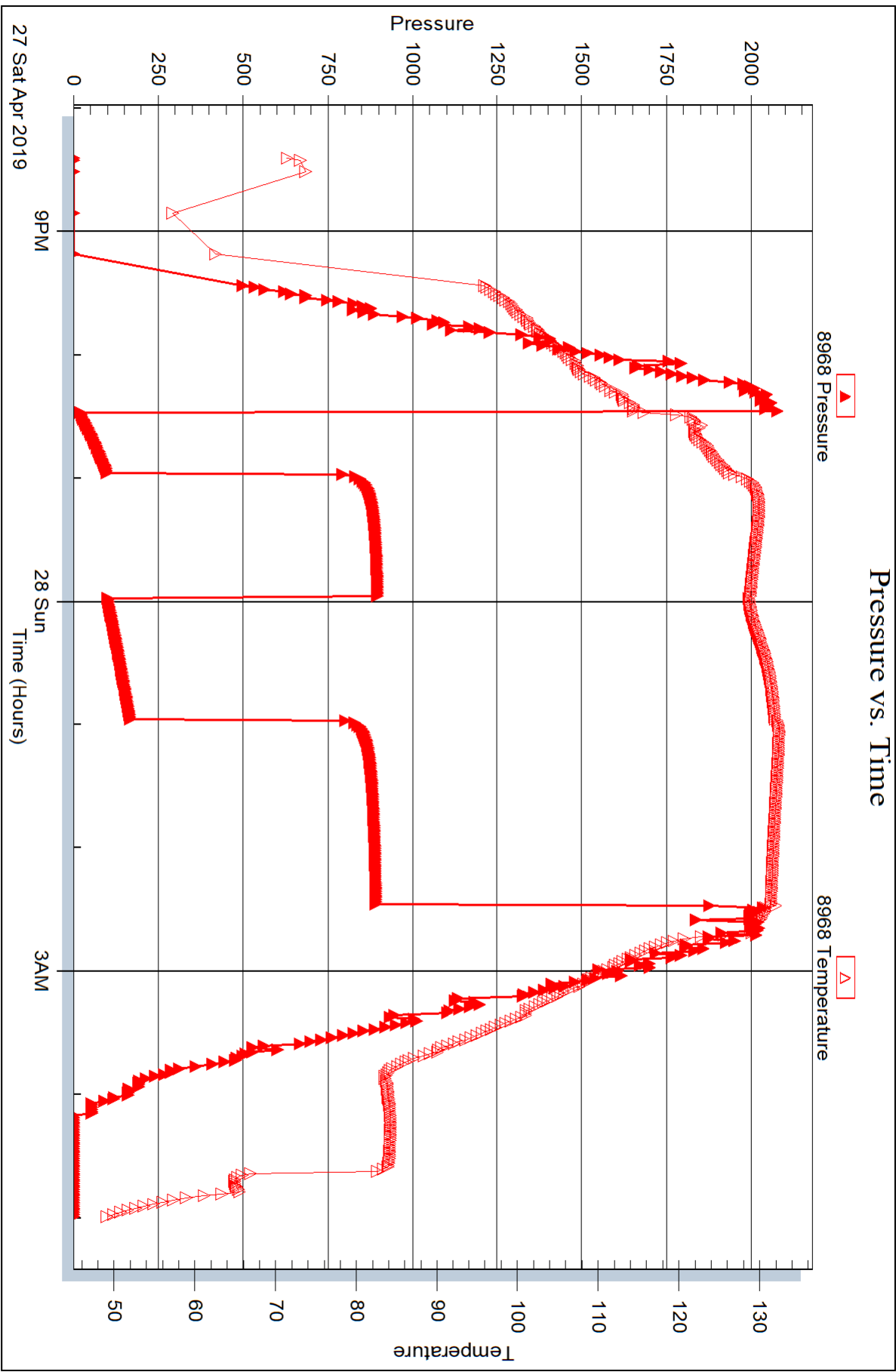


Serial #: 8968

Outside Stelbar Oil Corp

Brookover #1-25

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy
STE 200
Wichita KS 67206

ATTN: Dave Goldak

Brookover #1-25

25-17s- 32w Scott,KS

Start Date: 2019.04.29 @ 07:20:15

End Date: 2019.04.29 @ 14:47:00

Job Ticket #: 65139 DST #: 4

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

Printed: 2019.04.30 @ 15:24:54

Stelbar Oil Corp

25-17s- 32w Scott,KS

Brookover #1-25

DST # 4

Johnson-Morrow-Miss

2019.04.29



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

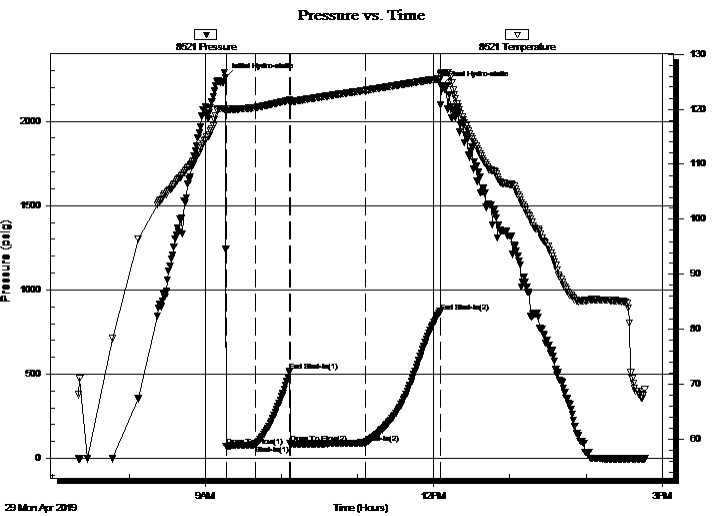
25-17s- 32w Scott,KS
Brookover #1-25
Job Ticket: 65139 **DST#: 4**
Test Start: 2019.04.29 @ 07:20:15

GENERAL INFORMATION:

Formation: **Johnson-Morrow-Miss**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 09:16:30 Tester: Mike Roberts
Time Test Ended: 14:47:00 Unit No: 81
Interval: 4556.00 ft (KB) To 4600.00 ft (KB) (TVD) Reference Elevations: 2975.00 ft (KB)
Total Depth: 4600.00 ft (KB) (TVD) 2962.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

Serial #: 8521 Inside
Press@RunDepth: 91.79 psig @ 4557.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.04.29 End Date: 2019.04.29 Last Calib.: 2019.04.29
Start Time: 07:20:15 End Time: 14:47:00 Time On Btm: 2019.04.29 @ 09:16:00
Time Off Btm: 2019.04.29 @ 12:05:45

TEST COMMENT: IF: Built to 1" 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	2258.31	120.16	Initial Hydro-static
1	71.72	119.61	Open To Flow (1)
24	80.49	120.31	Shut-In(1)
51	517.14	121.64	End Shut-In(1)
51	87.86	121.28	Open To Flow (2)
110	91.79	123.41	Shut-In(2)
169	871.25	125.51	End Shut-In(2)
170	2210.13	126.46	Final Hydro-static

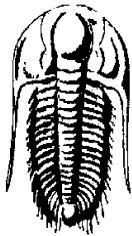
Recovery

Length (ft)	Description	Volume (bbl)
5.00	ocm 20%o 80%m	0.02
60.00	ocm 10%o 90%m	0.30
60.00	gcom 10%g 10%o 80%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

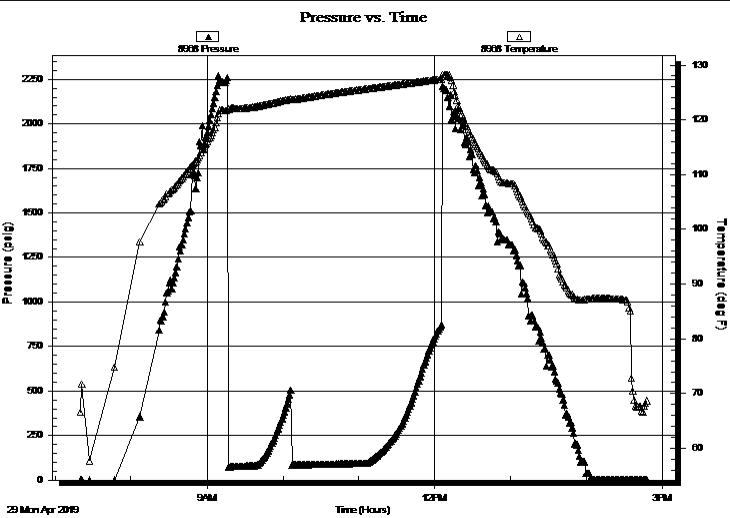
25-17s- 32w Scott,KS
Brookover #1-25
Job Ticket: 65139 **DST#: 4**
Test Start: 2019.04.29 @ 07:20:15

GENERAL INFORMATION:

Formation: **Johnson-Morrow-Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:16:30
Time Test Ended: 14:47:00
Test Type: Conventional Bottom Hole (Reset)
Tester: Mike Roberts
Unit No: 81
Interval: **4556.00 ft (KB) To 4600.00 ft (KB) (TVD)**
Reference Elevations: 2975.00 ft (KB)
2962.00 ft (CF)
Total Depth: 4600.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches
Hole Condition: Fair
KB to GR/CF: 13.00 ft

Serial #: 8968 **Outside**
Press@RunDepth: psig @ 4557.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.04.29 End Date: 2019.04.29 Last Calib.: 2019.04.29
Start Time: 07:20:15 End Time: 14:47:15 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Built to 1" 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 20%o 80%m	0.02
60.00	ocm 10%o 90%m	0.30
60.00	gcom 10%g 10%o 80%m	0.30

* 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

25-17s- 32w Scott,KS
Brookover #1-25
Job Ticket: 65139 **DST#: 4**
Test Start: 2019.04.29 @ 07:20:15

Tool Information

Drill Pipe:	Length: 4357.00 ft	Diameter: 3.80 inches	Volume: 61.12 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: 62.00 bbl</u>	Tool Chased	20.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4556.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.00 ft				
Tool Length:	75.00 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			4526.00	
Shut In Tool	5.00			4531.00	
Sampler	3.00			4534.00	
Hydraulic tool	5.00			4539.00	
Jars	5.00			4544.00	
Safety Joint	3.00			4547.00	
Packer	5.00			4552.00	31.00 Bottom Of Top Packer
Packer	4.00			4556.00	
Stubb	1.00			4557.00	
Recorder	0.00	8968	Outside	4557.00	
Recorder	0.00	8521	Inside	4557.00	
Perforations	4.00			4561.00	
Change Over Sub	1.00			4562.00	
Blank Spacing	32.00			4594.00	
Change Over Sub	1.00			4595.00	
Bullnose	5.00			4600.00	44.00 Bottom Packers & Anchor
Total Tool Length:	75.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp

25-17s- 32w Scott,KS

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

Brookover #1-25

Job Ticket: 65139

DST#: 4

Test Start: 2019.04.29 @ 07:20:15

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	ocm 20%o 80%m	0.025
60.00	ocm 10%o 90%m	0.295
60.00	gcom 10%g 10%o 80%m	0.295

Total Length: 125.00 ft

Total Volume: 0.615 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

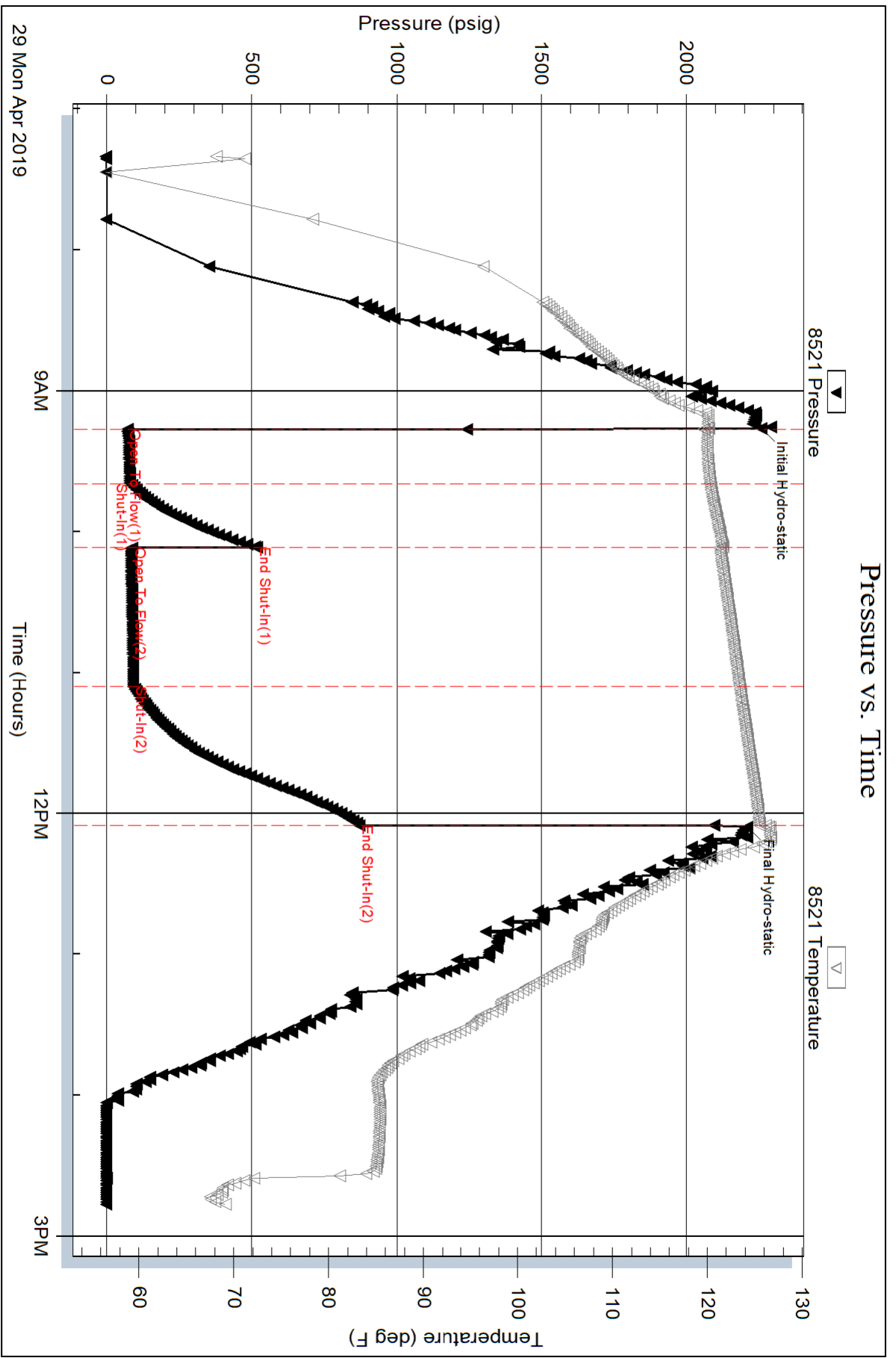
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Inside

Stelbar Oil Corp

Brookover #1-25

DST Test Number: 4

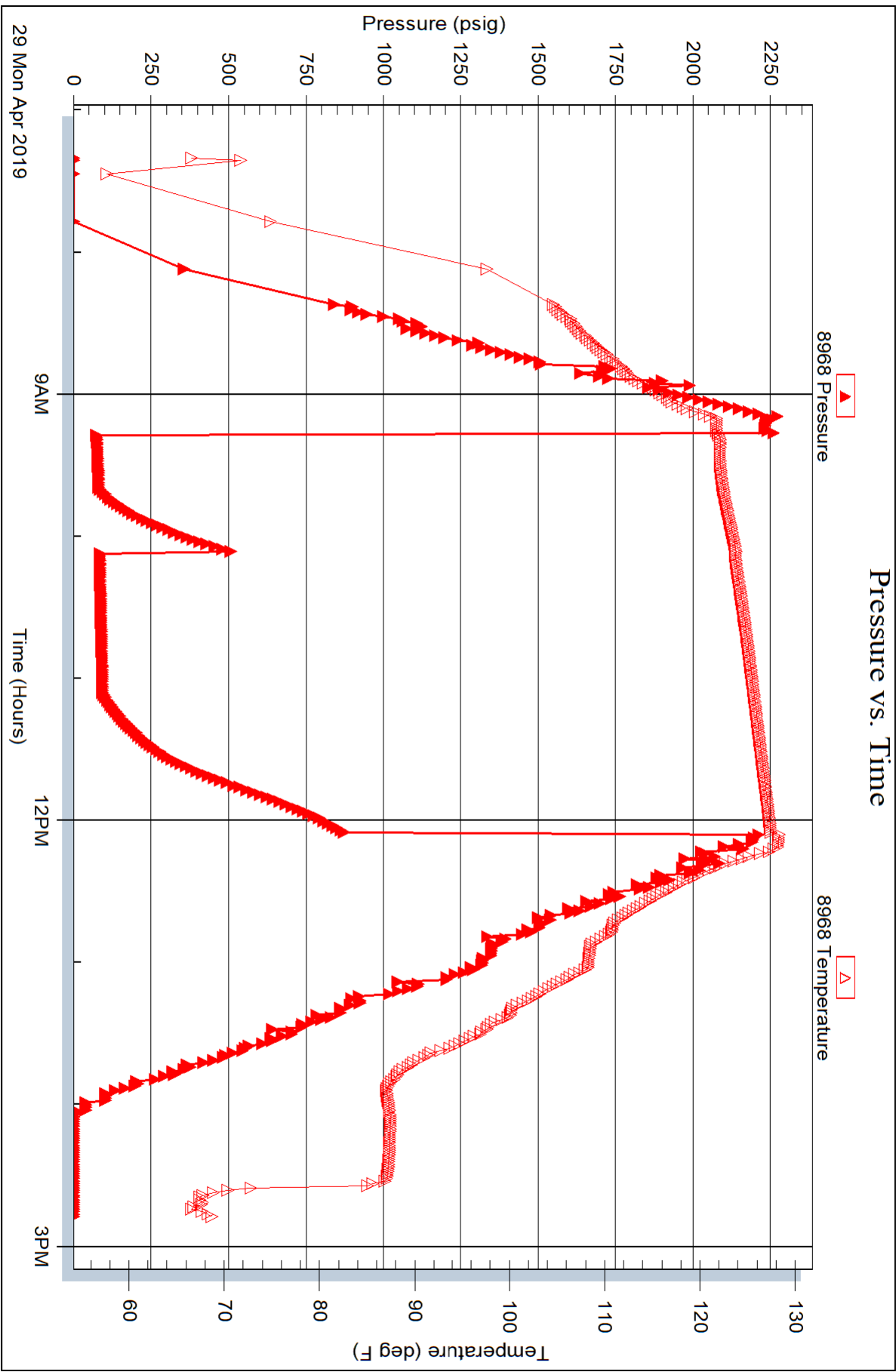


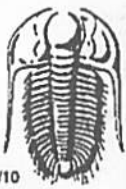
Serial #: 8968

Outside Stelbar Oil Corp

Brookover #1-25

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65136

Well Name & No. Brookover #1-25 Test No. ~~72639~~ @ Date 4-26-19
 Company Stelbar oil corp Elevation 2975 KB 2962 GL
 Address 1625 N. Waterfront Pkwy Ste 200 Wichita KS 67206
 Co. Rep / Geo. Dave Goldak Rig Starling 5
 Location: Sec. 25 Twp 17S Rge. 32W Co. Scott State KS

Interval Tested 4027-4046 Zone Tested LKC "D"
 Anchor Length 19 Drill Pipe Run ~~3816~~ Mud Wt. 9.0
 Top Packer Depth 4022 Drill Collars Run ~~178~~ Vis 52
 Bottom Packer Depth 4027 Wt. Pipe Run Ø WL 6.4
 Total Depth 4046 Chlorides 2200 ppm System LCM 3
 Blow Description IF: Built to 5 1/4" Blow
IS: No Return Blow
FF: Built to 5 1/4" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>138</u>	<u>Free gas</u>	<u>5</u>	<u>95</u>		
<u>60</u>	<u>mud</u>		<u>50</u>		<u>50</u>

Rec Total 198 BHT 123 Gravity 31 API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic 2008 Test 1300 T-On Location 11:00
 (B) First Initial Flow 16 Jars 250 T-Started 11:56
 (C) First Final Flow 46 Safety Joint 75 T-Open 14:00
 (D) Initial Shut-In 902 Circ Sub NL T-Pulled 18:00
 (E) Second Initial Flow 48 Hourly Standby _____ T-Out 20:03
 (F) Second Final Flow 86 Mileage 38RT 38 Comments _____
 (G) Final Shut-In 772 Sampler 250 _____
 (H) Final Hydrostatic 1926 Straddle _____ EM Tool _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1913
 Sub Total 1913 MP/DST Disc't _____

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. 65136 Date 4-26-19
 Company Name Stelbar Oil Corp.
 Lease Brookover #1-25 Test No. 1
 County Scott Sec. 25 Twp. 17S Rng. 32W

SAMPLER RECOVERY

Gas ∅ ML
 Oil 2000 ML
 Mud ∅ 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 ∅ ppm.
 Gravity 31 corrected @60F

PIPE RECOVERY

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



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65137

Well Name & No. Brookover #1-25 Test No. ~~2~~ 2 Date 4-27-19
 Company Stelbar Oil Corp Elevation 2975 KB 2962 GL
 Address 1625 N Waterfront Pkwy Ste 200 Wichita KS 67206
 Co. Rep / Geo. Pave Groladak Rig Sterling 5
 Location: Sec. 25 Twp 17S Rge. 32W Co. Scott State KS

Interval Tested 4165-4192 Zone Tested LKC "I"
 Anchor Length 27 Drill Pipe Run 3984 Mud Wt. 9.0
 Top Packer Depth 4160 Drill Collars Run 178 Vis 52
 Bottom Packer Depth 4165 Wt. Pipe Run Ø WL 6.4
 Total Depth 4195 Chlorides 2200 ppm System LCM 3
 Blow Description IF: Weak Surface Blow
IS: No Return Blow
FF: No Blow
FS: No Return Blow

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

Rec Total 10 BHT 118 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic 2072 Test 1300 T-On Location 07:30
 (B) First Initial Flow 14 Jars 250 T-Started 08:16
 (C) First Final Flow 20 Safety Joint 75 T-Open 09:40
 (D) Initial Shut-In 879 Circ Sub NC T-Pulled 11:40
 (E) Second Initial Flow 21 Hourly Standby _____ T-Out 13:33
 (F) Second Final Flow 27 Mileage 38RT ³⁸ Comments _____
 (G) Final Shut-In 870 Sampler 250 _____
 (H) Final Hydrostatic 2068 Straddle _____ EM Tool _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1913
 Sub Total 1913 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]

Tribolite 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. 651137 ^{e1} Date 4-27-19
 Company Name Stelbar Oil Corp
 Lease Brookover #1-25 Test No. 2
 County Scott Sec. 25 Twp. 17S Rng. 32W

SAMPLER RECOVERY

Gas Ø ML
 Oil Trace 2000 ML
 Mud 2000 ML
 Water Ø ML
 Other Ø ML
 Pressure Ø 800 pressure ML
 Total 200000 ML

PIT MUD ANALYSIS

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

SAMPLER ANALYSIS

Resistivity Ø ohms @ Ø F
 Chlorides _____ ppm.
 Gravity 31 corrected @60F

PIPE RECOVERY

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



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65138

Well Name & No. Brookover #1-25 Test No. 3 Date 4-27-19
 Company Stelbar Oil Corp Elevation 2975 KB 2962 GL
 Address 1625 N. Water front Pkwy Ste 200 Wichita KS 67206
 Co. Rep / Geo. Dave Goldak Rig Starling 5
 Location: Sec. 25 Twp 17S Rge. 32W Co. Scott State KS

Interval Tested 4197-4208 Zone Tested LKC "J"
 Anchor Length 11 Drill Pipe Run 4016 Mud Wt. 9.3
 Top Packer Depth 4192 Drill Collars Run 178 Vis 67
 Bottom Packer Depth 4197 Wt. Pipe Run Ø WL 7.2
 Total Depth 4208 Chlorides 3200 ppm System LCM 3
 Blow Description IF: Built to 5 1/4" Blow
IS: No Return Blow
FF: Built to 6" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Free Oil (Thick)</u>	<u>100</u>			
<u>124</u>	<u>OCMW</u>	<u>10</u>	<u>80</u>	<u>10</u>	
<u>178</u>	<u>MCW</u>		<u>90</u>	<u>10</u>	

Rec Total 322 BHT 130 Gravity 19 API RW 716 @ 31.9° F Chlorides 18000 ppm

(A) Initial Hydrostatic <u>2070</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>19:30</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>20:24</u>
(C) First Final Flow <u>97</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:28</u>
(D) Initial Shut-In <u>895</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>02:28</u>
(E) Second Initial Flow <u>99</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>04:59</u>
(F) Second Final Flow <u>165</u>	<input checked="" type="checkbox"/> Mileage <u>38RT</u> <u>38</u>	Comments
(G) Final Shut-In <u>890</u>	<input checked="" type="checkbox"/> Sampler <u>250</u>	
(H) Final Hydrostatic <u>2054</u>	<input type="checkbox"/> Straddle	
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> EM Tool
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1913</u>
	Sub Total <u>1913</u>	MP/DST Disc't

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

Approved By [Signature] Our Representative Mike Roberts

Tribolite 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 of 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. 65138 Date 4-27-19
 Company Name Stelbar Oil Corp.
 Lease Brookover #1-25 Test No. 3
 County Scott Sec. 25 Twp. 17S Rng. 32W

SAMPLER RECOVERY

Gas ∅ ML
 Oil ∅ TRACE ML
 Mud ∅ 200 ML
 Water 1800 ML
 Other ∅ ML
 Pressure ∅ 800 ~~ML~~
 Total 2000 ML

PIT MUD ANALYSIS

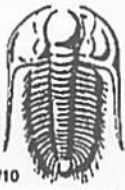
Chlorides _____ ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity _____
 Mud Weight _____
 Filtrate _____
 Other _____

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

Test Ticket

NO. 65139

Well Name & No. Brookover #1-25 Test No. 4 Date 4-29-19
 Company Stelbar Oil Corp. Elevation 2975 KB 2962 GL
 Address 1625 N Waterfront Pkwy Ste 200 Wichita KS 67206
 Co. Rep / Geo. Dave Guldak Rig Sterling 5
 Location: Sec. 25 Twp 17S Rge. 32W Co. Scott State KS

Interval Tested 4556-4600 Zone Tested ~~4556-4600~~ Johnson-Morrow-Mess
 Anchor Length 44 Drill Pipe Run 4357 Mud Wt. 9.3
 Top Packer Depth 4551 Drill Collars Run 178 Vis 57
 Bottom Packer Depth 4556 Wt. Pipe Run Ø WL 8.0
 Total Depth 4600 Chlorides 3800 ppm System LCM 2
 Blow Description FF: Built to 1"
IS: No Return Blow
FF: Built to 1" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>OCM</u>	<u>20</u>		<u>80</u>	
<u>60</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
<u>60</u>	<u>gcom</u>	<u>10</u>	<u>10</u>	<u>80</u>	

Rec Total 125 BHT 126 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2258 Test 1300 T-On Location 06:15
 (B) First Initial Flow 71 Jars 250 T-Started 07:20
 (C) First Final Flow 80 Safety Joint 75 T-Open 09:17
 (D) Initial Shut-In 517 Circ Sub NC T-Pulled 11:07
 (E) Second Initial Flow Ø 87 Hourly Standby _____ T-Out 14:47
 (F) Second Final Flow Ø 91 Mileage 38RT 76 Comments _____
 (G) Final Shut-In 871 Sampler 250 _____
 (H) Final Hydrostatic 2210 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

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

Sub Total 1951 MP/DST Disc't _____
 Comments loaded tools 4/30 10:00
 EM Tool _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1951

Approved By [Signature] Our Representative White Roberts

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. 65139 Date 4-29-19
 Company Name Stelbar Oil Corp
 Lease Brookover #1-25 Test No. 4
 County ~~Scott~~ Scott Sec. ~~25~~ 25 Twp. ~~17S~~ 17S Rng. 32W

SAMPLER RECOVERY

Gas 800 ML
 Oil 1200 ML
 Mud NA ML
 Water NA ML
 Other NA ML
 Pressure 620 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 ~~1000~~ 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: Brookover #1-25
API: 15-171-21247
Location: Section 25 - T17S - R32W
License Number: _____ Region: Scott Co., KS
Spud Date: 04 / 22 / 2019 Drilling Completed: 04 / 30 / 2019
Surface Coordinates: 974' FNL and 1008' FEL
NW - SW - NE - NE
Bottom Hole
Coordinates:
Ground Elevation (ft): 2962' K.B. Elevation (ft): 2975'
Logged Interval (ft): 3750' To: 4676' Total Depth (ft): 4676'
Formation: Mississippian - St Louis
Type of Drilling Fluid: Chemical - Mud-Co

Printed by MudLog 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 Information

CONTRACTOR: Sterling Drilling, Rig #5

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12.25	JZ-HAOTC	4-16s	342'	342'	3.25
2	7.875	Taurus-TXT516	5-15s	4676'	4334'	63.00

SURVEYS: 342'-1.00, 4046'-0.50, 4600'-0.75, 4676'-0.25

GENERAL DRILLING & PUMP INFORMATION:

Collars: 18 joints (6.25" x 2.25"): 530.41'
Drilling: 14,000-16,000 lbs on bit and 90-100 RPM
Pumping: 65 S/M; 9.6 B/M; 700-900 psi at standpipe

Daily Status

04/22/19 - Spud at 7:30 PM; Set 8-5/8" csg @ 337'
 04/23/19 - 342' WOC; Cement fell 25'; Top off cem thru 1"; DP @ 10:45 PM
 04/24/19 - 1,000' Drilling
 04/25/19 - 3,030' Drilling; Displace @ 3,537'; Wiper trip 20 stands @ 3,824'
 04/26/19 - 4,000' Drilling; DST #1 @ 4,046'
 04/27/19 - 4,192' TOH for DST #2; DST #3 @ 4,208'
 04/28/19 - 4,208' CTCH
 04/29/19 - 4,600' TOH for DST #4; TD @ 4,676'
 04/30/19 - 4,676' Logging well

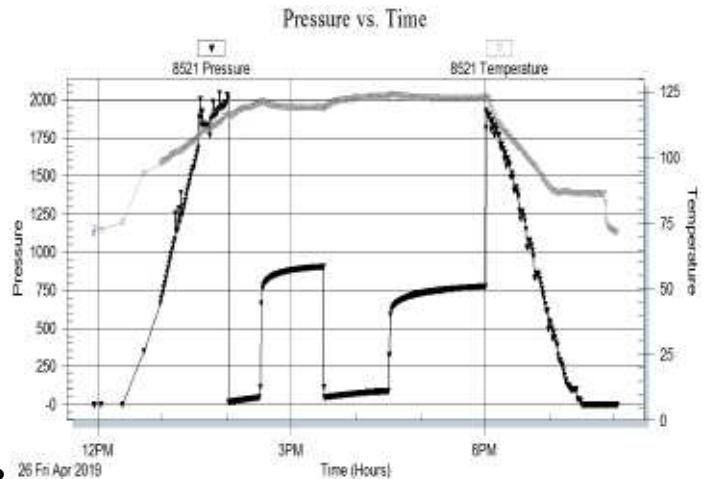
	Log Tops	Sample Tops
Anhydrite	2306 (+669)	2305 (+670)
Base / Anhydrite	2324 (+651)	2324 (+651)
Heebner	3900 (-925)	3900 (-925)
Lansing	3940 (-965)	3940 (-965)
Muncie Creek	4124 (-1149)	4125 (-1150)
Stark Sh	4218 (-1243)	4218 (-1243)
Hushpuckney Sh	4256 (-1281)	4256 (-1281)
Base of KC	4322 (-1347)	4322 (-1347)
Marmaton	4342 (-1367)	4343 (-1368)
Pawnee	4428 (-1453)	4429 (-1454)
Cherokee Sh	4471 (-1496)	4470 (-1495)
Lower Cher Sh	4499 (-1524)	4499 (-1524)
Johnson Zone	4530 (-1555)	4530 (-1555)
Morrow Sh	4570 (-1595)	4570 (-1595)
Mississippian	4592 (-1617)	4595 (-1620)
Total Depth	4676 (-1701)	4676 (-1701)

DST #1: 4,027' - 4,046' (LKC "D")
 30" - 60" - 60" - 90"

IF: Blow building to 5.25 inches
ISI: No return blow
FF: Blow building to 5.25 inches
FSI: No return blow

RECOVERY: 198' Total Fluid, consisting of:
 138' GCO (5% G & 95% O); Gravity: 31 API
 60' MCO (50% O & 50% M)
Sampler: 2000 ml Oil @ 0 psi

SIP: 902-772; FP: 16-46, 48-86; HP: 2008-1926; BHT: 123

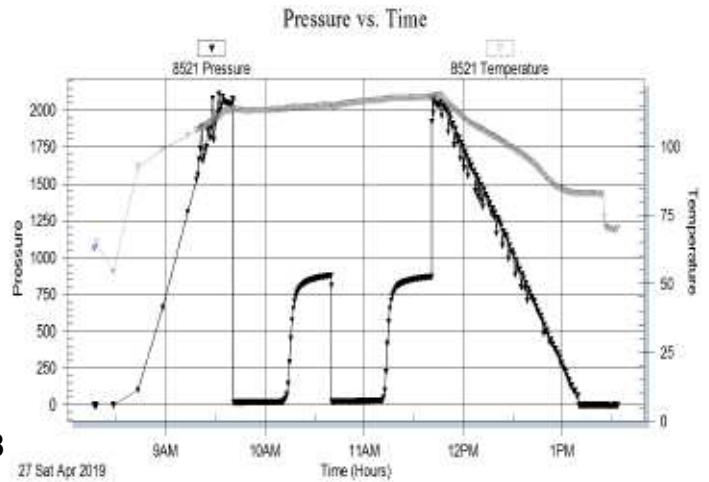


DST #2: 4,165' - 4,192' (LKC "I")
30" - 30" - 30" - 30"

IF: Weak surface blow throughout
ISI: No return blow
FF: No blow
FSI: No return blow

RECOVERY: 10' Total Fluid, consisting of:
10' OSM (100% M)
Sampler: 2000 ml Mud w/ Tr Oil @ 0 psi

SIP: 879-870; FP: 14-20, 21-27; HP: 2072-2068; BHT: 118

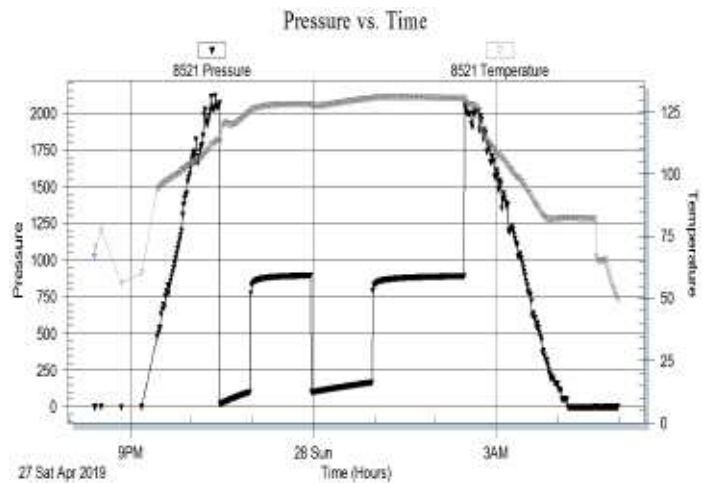


DST #3: 4,197' - 4,208' (LKC "J")
30" - 60" - 60" - 90"

IF: Blow building to 5.25 inches
ISI: No return blow
FF: Blow building to 6 inches
FSI: No return blow

RECOVERY: 322' Total Fluid, consisting of:
20' CO (100% O); Gravity: 19 API
124' OCMW (10% O, 80% W & 10% M)
178' MCW (90% W & 10% M); Chlorides: 18,000 ppm
Sampler: Tr O, 1800 ml W & 200 ml M @ 0 psi

SIP: 895-890; FP: 18-97, 99-165; HP: 2070-2054; BHT: 130

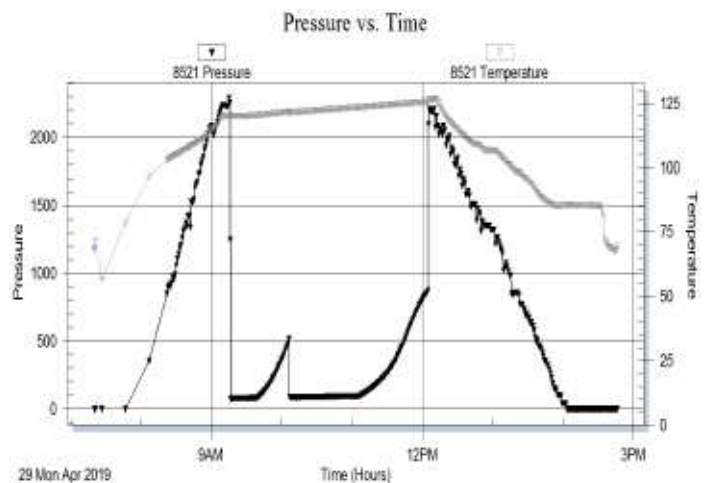


DST #4: 4,556' - 4,600' (Johnson, Morrow, Miss)
(Tool slid 20' to bottom) 30" - 30" - 60" - 60"

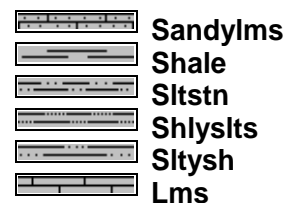
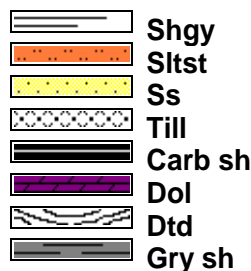
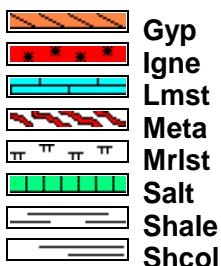
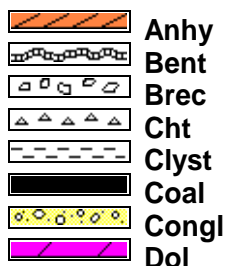
IF: Blow building to 1 inch
ISI: No return blow
FF: Blow building to 1 inch
FSI: No return blow

RECOVERY: 125' Total Fluid, consisting of:
5' OCM (20% O & 80% M)
60' OCM (10% O & 90% M)
60' GOCM (10% G, 10% O & 80% M)
Sampler: 800 ml G & 1200 ml O @ 620 psi

SIP: 517-871; FP: 71-80, 87-91; HP: 2258-2210; BHT: 126



ROCK TYPES

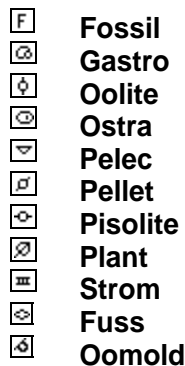
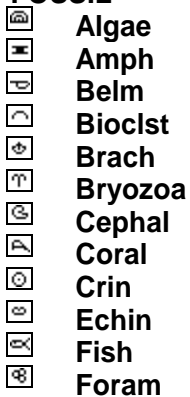


ACCESSORIES

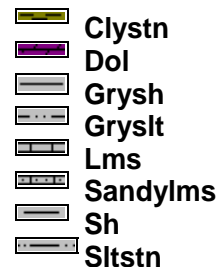
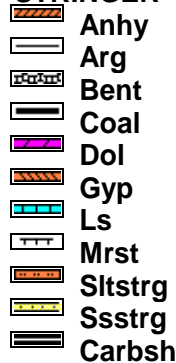
MINERAL



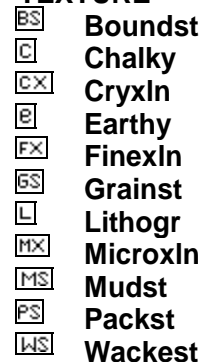
FOSSIL



STRINGER

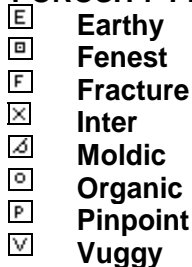


TEXTURE



OTHER SYMBOLS

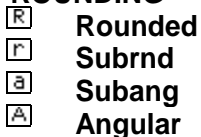
POROSITY TYPE



SORTING



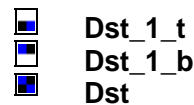
ROUNDING



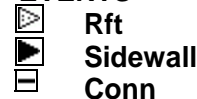
OIL SHOWS

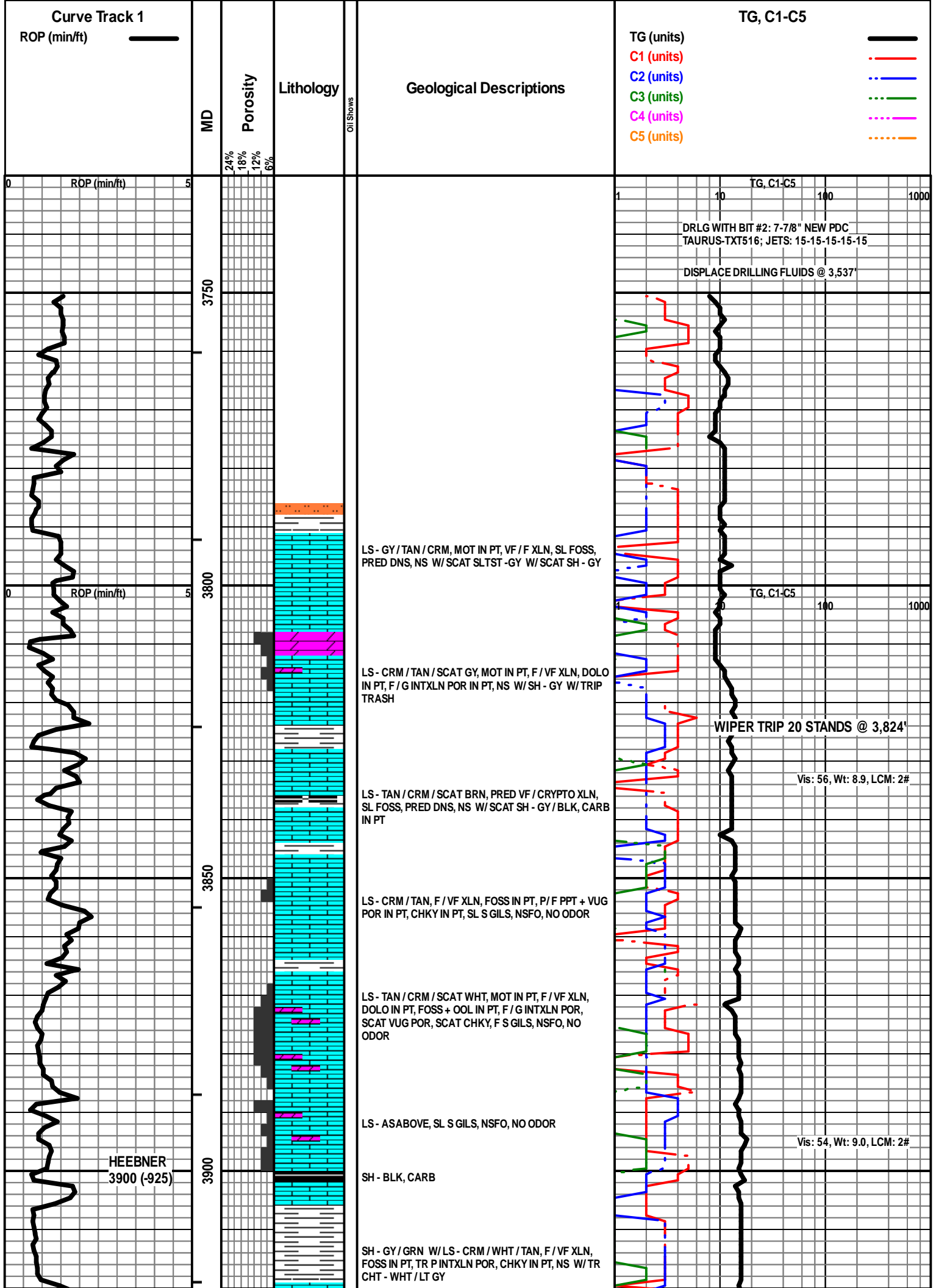


INTERVALS



EVENTS





LANSING
3940 (-965)

A

B

C

D

E

F

G

3950

4000

4050

4100

LS - ASABOVE, NS W/SCAT CHT - WHT /LT GY

LS - TAN /CRM /BRN, F /VF XLN, OOL IN PT, SL FOSS,
F /G OOM POR IN PT, PRED DNS, NS

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

LS - CRM /TAN, F /VF XLN, OOL IN PT, TR P INTOOL
POR, SUBCHKY IN PT, PRED DNS, VSSFO, TR DEAD
OIL, NO ODOR, TR SPTY STN, TR P /F FLUOR + NO /F
CUT

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

LS - TAN /CRM, MOT IN PT, PRED F /M XLN, SCAT C
XLN, SCAT FOSS + OOL, F /G VUG POR, F INTXLN POR,
NS

LS - CRM /TAN, F /M XLN, FOAA + OOL IN PT, P /F
INTPART /INTXLN POR, TR P VUG POR, SL /F SHOW V
LT FO + OILY FILM, SSGB, G ODOR, SPTYLT /MED STN,
P /G FLUOR + CUT

LS - CRM /WHT, F XLN, SCAT REXLN CALC, DOLO IN
PT, F /G INTXLN POR IN PT, SCAT VUG POR, CHKY IN
PT, NS

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

LS - CRM /TAN /GY, MOT IN PT, F /VF XLN, OOL IN PT, F
/G OOM POR IN PT TO DNS, SCAT CHKY, NS

LS - ASABOVE, SCAT P /F OOM POR, SCAT P /TR F
INTXLN + VUG POR, SCAT CHKY, NS W/SH - BLK,
CARB

— MUNCIE CREEK 4125 (-1150)

LS - TAN /CRM /SCAT GY, MOT IN PT, F /VF XLN, OOL +
FOSS IN PT, SCAT PRED PINTXLN POR, TR P VUG POR,

Vis: 50, Wt: 9.0, LCM: 2#

TG, C1-C5
10 100 1000

DST #1: 4027-4046
SEE DST HEADER
FOR RESULTS

Vis: 52, Wt: 9.0,
YP: 14, GeIS: 8/16,
pH: 11.0, WL: 6.4,
Chl: 2,200, Sol: 4.9,
LCM: 3#

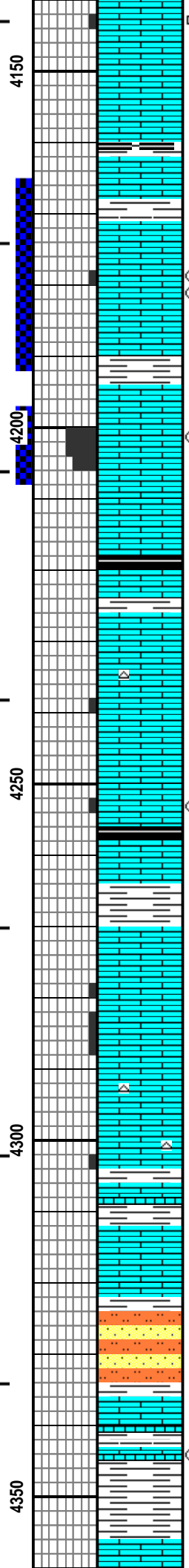
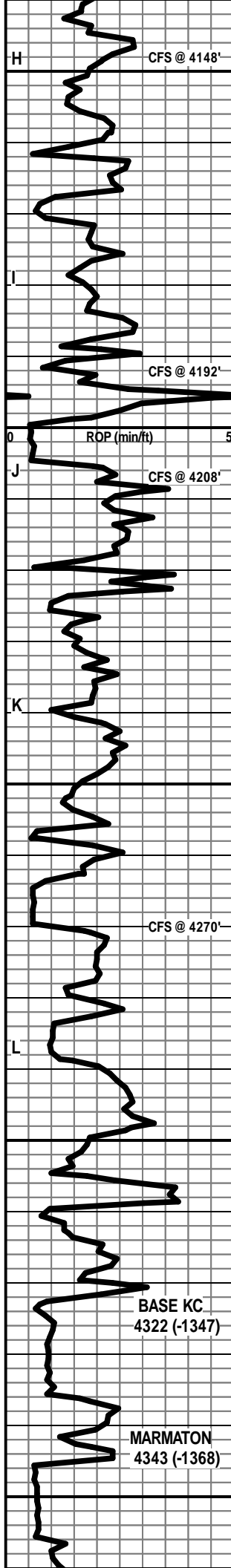
PIPE STRAP: SHORT 1.62'

HIGH GAS DUE TO
OIL IN DRILLING
FLUIDS

Vis: 52, Wt: 9.0
LCM: 2#

RC (min/ft)

CFS @ 4046'



SL / F S GILS, NSFO, NO ODOR

LS - TAN / CRM / GY, MOT IN PT, F / VF XLN, FOSS IN PT, SCAT P / TR F INTXLN + VUG POR, SCAT CHKY, TR GILS, NSFO, V FT ODOR W/LS - TAN / BRN, F XLN, PRED DNS, NS

LS - CRM / WHT / TAN, F / VF XLN, SCAT REXLN CALC, FOSS IN PT, SCAT P / F INTXLN / INTPART POR, SCAT SL / F SHOW DK FO, SSGB, SL SHOW GILS, FT ODOR, SCAT SPTY DK STN, WK FLUOR, G CUT

LS - CRM / WHT / SCAT TAN, F XLN, OOL, F / G OOM POR, F / G INTXLN POR, SCAT INTOOL POR, F / G SFO IN PT, G ODOR, SPTY / SAT STN, G FLUOR + CUT W/ ABNT BARR POR IN PT (APPROX 50%)

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

— STARK SHALE 4218 (1243)

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

LS - TAN / CRM / GY, MOT IN PT, F / VF XLN, OOL IN PT, TR P INTXLN POR + POSS OOM POR, CHKY IN PT, PRED DNS, NS W/SCAT CHT - WHT / LT GY

LS - PRED CRM / TAN, F XLN, SCAT REXLN CALC, OOL IN PT, SCAT P INTXLN POR, CHKY IN PT, VSSFO + GILS, FT ODOR, TR SPTY STN, NO / P FLUOR, G CUT

— HUSHPUCKNEY SHALE 4256 (-1281)

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

LS - CRM / TAN / GY, MOT IN PT, F / VF XLN, OOL, SCAT P INTXLN POR, TR P OOM POR, CHKY IN PT, PRED DNS, NS

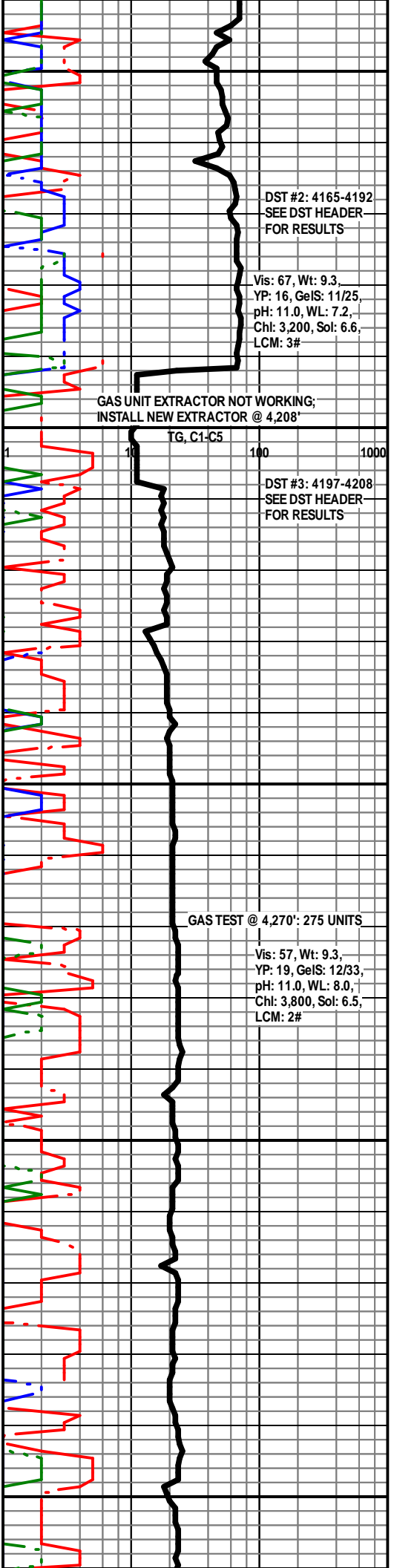
LS - ASABOVE, TR P INTXLN POR, CHKY IN PT, PRED DNS, NS W/LS - TAN / BRN, F XLN, SL FOSS, PRED DNS, NS W/SCAT CHT - WHT / GY

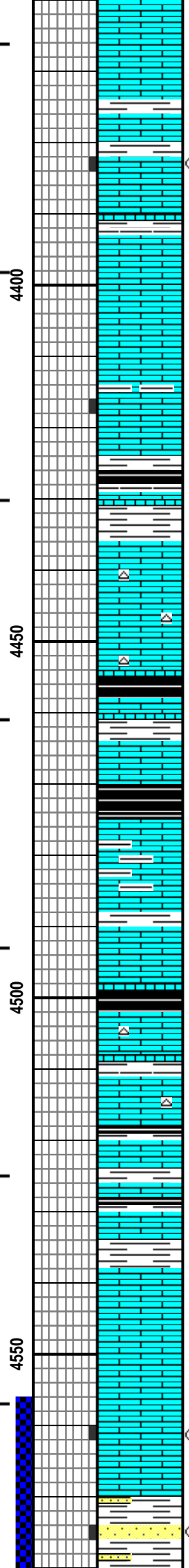
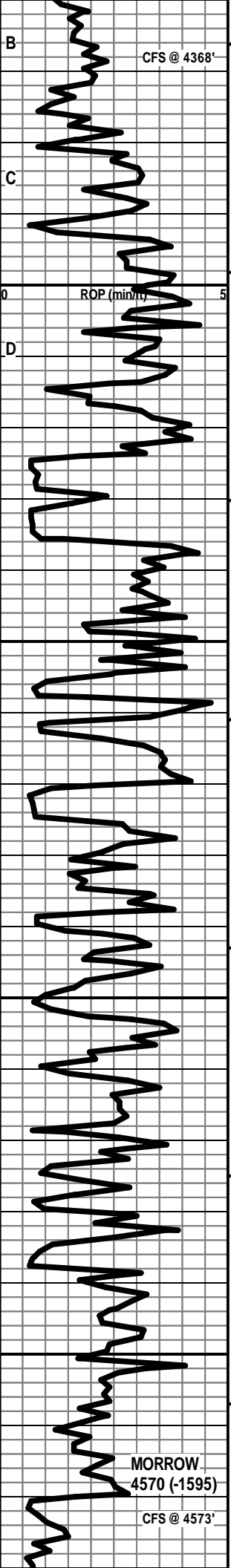
LS - TAN / CRM, VF / F XLN, TR FOSS, SUBCHKY IN PT, PRED DNS, NS W/SH - GY W/SCAT SLTST - GY, MIC

ABNT SLTST - GY, MIC W/SS - GY, SLT / VF GR, MIC, NS W/LS - TAN / CRM, VF XLN, PRED DNS, NS W/SH - GY

LS - TAN / CRM, F XLN, SCAT P INTXLN POR, PRED DNS, VSSFO, NO ODOR, SCAT SPTY STN, F FLUOR, P / G CUT W/SH - PRED GY

LS - CRM / GY / SCAT TAN, MOT IN PT, VF / F XLN, SL





FOSS + OOL, SUBCHKY IN PT, PRED DNS, NS

LS - CRM / TAN, F / C XLN, FOSS IN PT, SCAT OOL, FEW PCS P INTXLN / INTPART POR, PRED DNS, SSFO, FT ODOR, SPTY STN, F / G FLUOR + CUT

LS - TAN / BRN / GY, MOT IN PT, PRED F XLN, SL FOSS, PRED DNS, NS

LS - ASABOVE, SCAT REXLN CALC, FOSS + OOL IN PT, TR P INTXLN POR, PRED DNS, SCAT GILS, NSFO

LS - ASABOVE, PRED DNS, NS W/ SH - GY / BLK, CARB IN PT

— PAWNEE 4429 (-1454)

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

LS + CHT - ASABOVE, PRED DNS, NS

— FT SCOTT 4458 (-1483)

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

— CHEROKEE 4470 (-1495)

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

LS + SH - ASABOVE, PRED DNS, NS

— LOWER CHEROKEE 4499 (-1524)

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

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

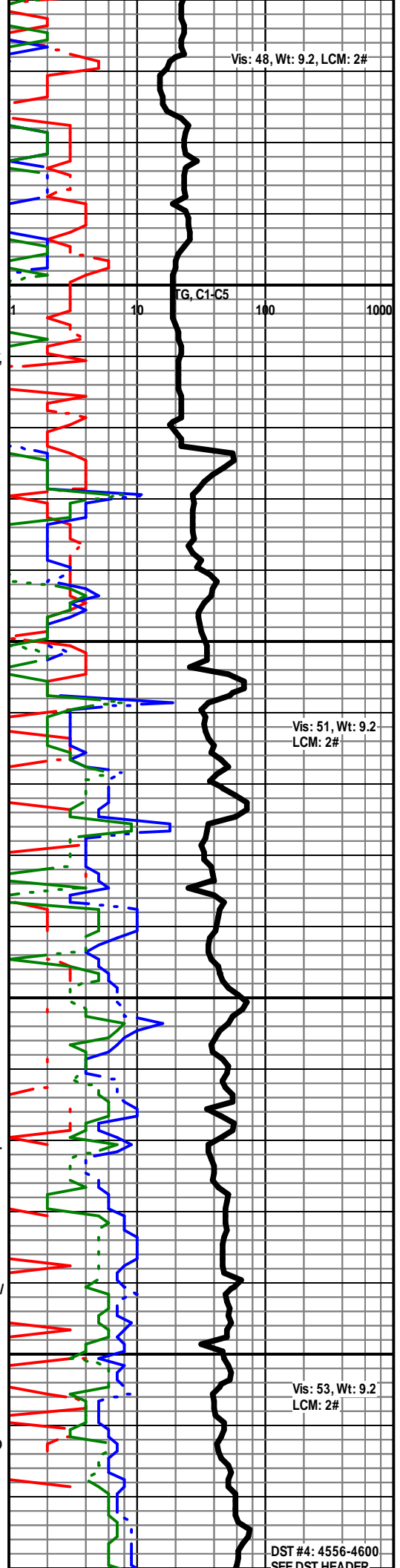
— JOHNSON ZONE 4530 (-1555)

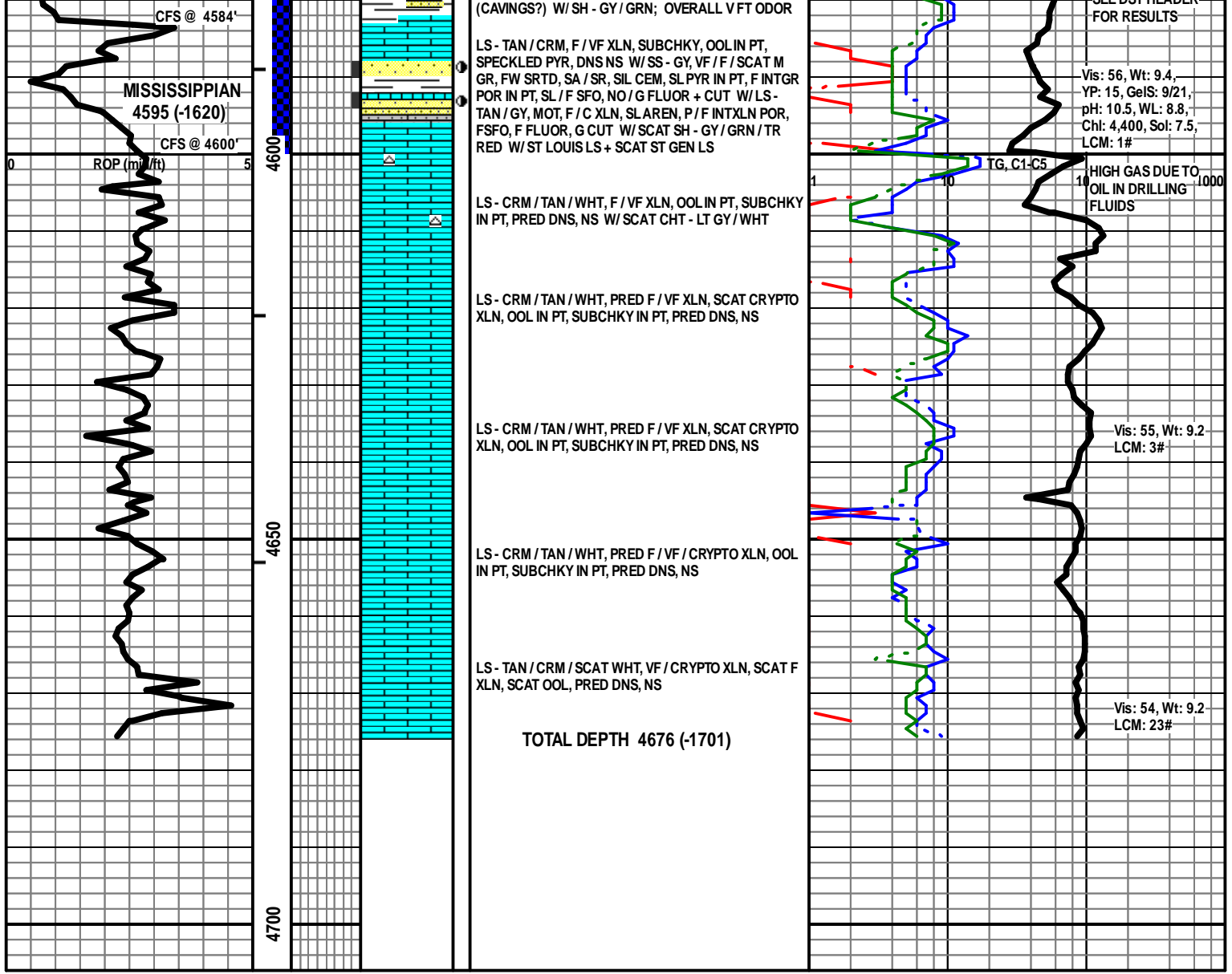
LS - PRED CRM / TAN, SCAT BRN, F / VF XLN, FOSS + OOL IN PT, SUBCHKY IN PT, PRED DNS, NS W/ SH - GY / BLK

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

LS - AA, TR P POR, VSSFO + ASPH, SCAT SPTY STN, NO / F FLUOR, P / G CUT W/ TR SS - GY, VF GR, SIL CEM, PRED P POR, SL SASPH + GILS, TR FO, SPTY BLK STN, NO FLUOR + CUT W/ SCAT SH - GY; OVERALL FT ODOR

SS - GY, VF / F GR, FW / W SRTD, SA / R, SIL CEM; TR CLSTRS P INTGR POR, FSFO; SCAT CLSTRS F INTGR POR, FRI, NS W/ SCAT LS - SIM TO ABOVE, SSFO





CFS @ 4584'

**MISSISSIPPIAN
4595 (-1620)**

CFS @ 4600'

ROP (m/ft)

4600

4650

4700

(CAVINGS?) W/ SH - GY/GRN; OVERALL VFT ODOR

LS - TAN / CRM, F / VF XLN, SUBCHKY, OOL IN PT,
SPECKLED PYR, DNS NS W/ SS - GY, VF / F / SCAT M
GR, FW SRTD, SA / SR, SIL CEM, SL PYR IN PT, F INTGR
POR IN PT, SL / F SFO, NO / G FLUOR + CUT W/ LS -
TAN / GY, MOT, F / C XLN, SLAREN, P / F INTXLN POR,
FSFO, F FLUOR, G CUT W/ SCAT SH - GY / GRN / TR
RED W/ ST LOUIS LS + SCAT ST GEN LS

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

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

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

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

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

TOTAL DEPTH 4676 (-1701)

SEE CUT HEADER
FOR RESULTS

Vis: 56, Wt: 9.4,
YP: 15, GeIS: 9/21,
pH: 10.5, WL: 8.8,
Chl: 4,400, Sol: 7.5,
LCM: 1#

HIGH GAS DUE TO
OIL IN DRILLING
FLUIDS

Vis: 55, Wt: 9.2
LCM: 3#

Vis: 54, Wt: 9.2
LCM: 23#

TG, C1-C5

1000



Well File

PAGE 1 of 1	CUST NO 1003965	YARD # 1718	INVOICE DATE 04/24/2019
INVOICE NUMBER 92957161			

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

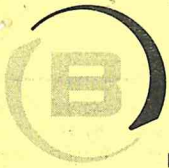
J LEASE NAME BROOKOVER 1-25
 O LOCATION
 B COUNTY SCOTT
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41171997	86779		Net - 30 days	05/24/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 04/23/2019 to 04/23/2019</i>				
0041171997				
171817927A Cement-New Well Casing/Pi 04/23/2019				
8 5/8" SURFACE CASING				
60/40 Poz	215.00	SK	13.02	2,799.30 T
Calcium Chloride	453.00	LB	0.56	253.68 T
Celloflake	54.00	LB	2.24	120.96 T
Light Vehicle Mileage	100.00	MI	2.55	255.00
Heavy Equipment Mileage	200.00	MI	4.08	816.00
Depth Charge, 0'-1000'	1.00	HR	612.00	612.00
Blending & Mixing Service Charge	1.00	SK	153.51	153.51
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	2.00	EA	35.00	70.00

Brookover #1-25
102
the

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,155.45
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	269.78
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	5,425.23
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

THMH
51

FIELD SERVICE TICKET
1718 17927 A

DATE _____ TICKET NO. _____

DATE OF JOB: 4-23-19 DISTRICT: Pratt		NEW WELL <input type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER: Stalbar oil corp		LEASE: Brookover		WELL NO. 1-25					
ADDRESS:		COUNTY: Scott		STATE: KS					
CITY: STATE:		SERVICE CREW: Matta, McGraw, Brown							
AUTHORIZED BY:		JOB TYPE: 2-42 8 5/8 Surfact							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
86779	.5					ARRIVED AT JOB	4-23	AM	8:45
19862	.5					START OPERATION	4-23	AM	5:55
						FINISH OPERATION		AM	6:18
						RELEASED		AM	7:00
						MILES FROM STATION TO WELL			180

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: Alan Lofth
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
BC132	60/40 P02	sq	215		4,998.75
CC-109	Calcium chloride	lb	453		453.00
CC102	Cellulose	lb	54		216.00
MC101	Light Veh. Miles	Mi	100		500.00
MC102	Heavy Veh. Miles	Mi	200		1,600.00
CC1	depth charge 0-1000'	HR	1		1,200.00
CE24	blend + mix	sq	215		301.00
B-143	supervisor	hr	1		75.00
B-144	Driver	hr	2		70.00

SUB TOTAL 9,413.75

CHEMICAL / ACID DATA:			

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

TOTAL 5,155.45

SERVICE REPRESENTATIVE: Mike Matta	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Alan Lofth</u>
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Well File



PAGE 1 of 1	CUST NO 1003965	YARD # 1718	INVOICE DATE 04/24/2019
INVOICE NUMBER 92957158			

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

J LEASE NAME BROOKOVER 1-25
 O LOCATION
 B COUNTY SCOTT
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41172038	19570		Net - 30 days	05/24/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 04/23/2019 to 04/23/2019				
0041172038				
171819398i. Cement-New Well Casing/Pi 04/23/2019 TOP GUT SURFACE CASING				
55 SK Premium Cement	1.00	SK	495.56	495.56 T
50 LBS Calcium Chloride	1.00	LB	28.88	28.88 T
100 Light Vehicle Mileage	1.00	MI	247.50	247.50
200 Heavy Equipment Mileage	1.00	MI	825.00	825.00
Proppant and Bulk Delivery Charges	1.00	MI	162.25	162.25
Depth Charge, 0'-1000'	1.00	HR	550.00	550.00
Blending & Mixing Service Charge	25.00	SK	0.77	19.25
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	2.00	EA	35.00	70.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	2,473.44
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	44.58
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	2,518.02
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

Well file (0P120)



PAGE 1 of 1	CUST NO 1003965	YARD # 1718	INVOICE DATE 05/01/2019
INVOICE NUMBER 92962201			

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 BROOKOVER 1-25
 O LOCATION
 B COUNTY SCOTT
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41173108	27463		Net - 30 days	05/31/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 04/30/2019 to 04/30/2019</i>				
0041173108				
171817909A Cement-New Well Casing/Pi 04/30/2019 PLUG TO ABANDON				
60/40 Poz	290.00	SK	13.02	3,775.80 T
Cement Gel	500.00	LB	0.28	140.00 T
Celloflake	73.00	LB	2.24	163.52 T
Light Vehicle Mileage	100.00	MI	2.80	280.00
Heavy Equipment Mileage	200.00	MI	4.48	896.00
Depth Charge, 0'-1000'	1.00	HR	672.00	672.00
Blending & Mixing Service Charge	1.00	SK	227.36	227.36
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	2.00	EA	35.00	70.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,299.68
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	346.74
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	6,646.42
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

Customer <i>Stellman Oil Corp</i>	Lease No.	Date <i>4-30-2019</i>	
Lease <i>Brookview</i>	Well # <i>1-25</i>		
Field Order #	Station <i>Pratt KS. 1718</i>	Casing	Depth
Type Job <i>Plug to Abandon</i>	Formation	County <i>Scott</i>	State <i>Kansas</i>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size <i>8 1/2</i>	Tubing Size <i>3 1/2</i>	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth <i>337</i>	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager <i>Justin Westerman</i>	Treater <i>Carl Redney</i>
Service Units <i>27463</i>	<i>1999</i>	<i>19918</i>
Driver Names <i>Ben C Wade B</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2:30 P.M.</i>					<i>On location + Rig up 2:30 P.M.</i>
					<i>1st plug 2275'</i>
<i>7:00 P.M.</i>	<i>900</i>		<i>8.5</i>	<i>4</i>	<i>Pump 8 1/2 water</i>
	<i>400</i>		<i>12.73</i>	<i>4</i>	<i>50% cement</i>
	<i>200</i>		<i>3 1/2</i>	<i>3</i>	<i>3 1/2 water</i>
	<i>100</i>		<i>2.5</i>	<i>4</i>	<i>2.5 mud</i>
<i>8:00 P.M.</i>	<i>400</i>		<i>8.5</i>	<i>4</i>	<i>2nd plug 1550</i>
	<i>400</i>		<i>20.37</i>	<i>4</i>	<i>produce 8 1/2 water</i>
	<i>100</i>		<i>3.5</i>	<i>3</i>	<i>80% cement</i>
	<i>100</i>		<i>1.3</i>	<i>3</i>	<i>3 1/2 water</i>
					<i>1.3 mud</i>
<i>9:00 P.M.</i>	<i>200</i>		<i>1.5</i>	<i>4</i>	<i>3rd plug 775'</i>
	<i>200</i>		<i>12.73</i>	<i>4</i>	<i>pump 15 water</i>
	<i>50</i>		<i>5.5</i>	<i>3</i>	<i>50% cement</i>
					<i>5 1/2 water</i>
<i>10:15 P.M.</i>	<i>100</i>		<i>8.5</i>		<i>4th plug 370'</i>
	<i>100</i>		<i>10.18</i>		<i>pump 8 1/2 water</i>
			<i>2.25</i>		<i>40% cement</i>
					<i>2 1/4 water</i>
<i>10:45 P.M.</i>			<i>5.09</i>		<i>Pump 20% 60'</i>
			<i>12.73</i>		<i>30% cement 20% mouse</i>