

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	EATON 1-2
Doc ID	1475570

All Electric Logs Run

Spectral Density Dual Spaced Neutron
Array Resistivity Spectral Density Dual Spaced Neutron Borehole Sonic Borehole Sonic Quad Combo
Array Compensated True Resistivity
Borehole Compensated Sonic
Annular Hole Volume
Microlog

Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	EATON 1-2
Doc ID	1475570

Tops

Name	Top	Datum
Anhydrite	2250	+730
B/Anhydrite	2310	+670
Lecompton	3804	-824
Oread	3855	-875
Heebner	3918	-938
Lansing	3960	-980
Muncie Creek	4142	-1162
Stark Sh	4246	-1266
Hushpuckney Sh	4288	-1308
Base of KC	4343	-1363
Marmaton	4366	-1386
Pawnee	4464	-1484
Cherokee Sh	4506	-1526
Lwr Cherokee Sh	4533	-1553
Johnson Zone	4567	-1587
Morrow Sh	4614	-1634
Mississippian	4620	-1640





# GEOLOGIC REPORT

## DAVID J. GOLDAK

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

Well Name: Eaton #1-2  
API: 15-171-21255-0000  
Location: Section 2 - T19S - R32W  
License Number: \_\_\_\_\_  
Spud Date: 07 / 08 / 2019  
Surface Coordinates: 985' FSL and 2295' FWL  
SW - NE - SE - SW  
Bottom Hole Coordinates: \_\_\_\_\_  
Ground Elevation (ft): 2967' K.B. Elevation (ft): 2980'  
Logged Interval (ft): 3700' To: 4723' Total Depth (ft): 4723'  
Formation: Mississippian - St Louis  
Type of Drilling Fluid: Chemical - Mud-Co

Region: Scott Co., KS  
Drilling Completed: 07 / 15 / 2019

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 Info

CONTRACTOR: Sterling Drilling, Rig #5

#### BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	JZ-HAOTC	4-16s	318'	318'	2.25
2	7-7/8	Taurex-TXT516	5-15s	4723'	4405'	73.50

SURVEYS: 318'-0.50, 4209'-0.50, 4723'-1.00

#### GENERAL DRILLING & PUMP INFORMATION:

Collars: 18 joints (6.25"x2.25"): 530.86'  
Drilling: 14,000-16,000 lbs on bit and 90-100 RPM.  
Pumping: 65 S/M; 9.6 B/M; 800-900 psi

## Daily Status

07/08/19 - Spud at 1:30 PM; Set 8-5/8" csg @ 313'  
 07/09/19 - 318' WOC; DP @ 11:00 AM  
 07/10/19 - 2,020' Drilling  
 07/11/19 - 3,441' Drilling; Displace @ 3,473'  
 07/12/19 - 4,195' Drilling; DST #1 @ 4,209'  
 07/13/19 - 4,310' Drilling; DST #2 @ 4,386'  
 07/14/19 - 4,450' Drilling; RTD @ 4,723'; Log well  
 07/15/19 - 4,723' WOO

	Log Tops	Sample Tops
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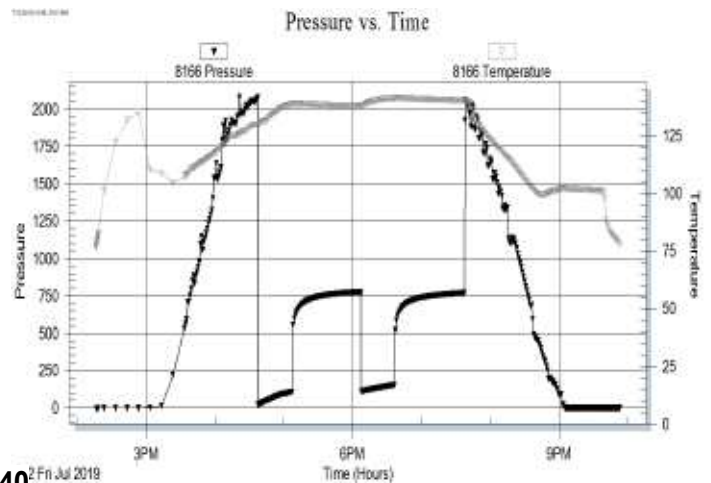
Anhydrite	2250 (+730)	2252 (+728)
Base / Anhydrite	2310 (+670)	2314 (+666)
Lecompton	3804 (-824)	3808 (-828)
Oread	3855 (-875)	3859 (-879)
Heebner	3918 (-938)	3920 (-940)
Lansing	3960 (-980)	3963 (-983)
Muncie Creek	4142 (-1162)	4147 (-1167)
Stark Sh	4246 (-1266)	4254 (-1274)
Hushpuckney Sh	4288 (-1308)	4292 (-1312)
Base of KC	4343 (-1363)	4348 (-1368)
Marmaton	4366 (-1386)	4366 (-1386)
Pawnee	4464 (-1484)	4468 (-1488)
Cherokee Sh	4506 (-1526)	4510 (-1530)
Lower Cher Sh	4533 (-1553)	4537 (-1557)
Johnson Zone	4567 (-1587)	4570 (-1590)
Morrow Sh	4614 (-1634)	4619 (-1639)
Mississippian	4620 (-1640)	4623 (-1643)
Total Depth	4717 (-1737)	4723 (-1743)

**DST #1: 4,192' - 4,209' (LKC "I")**  
 30" - 60" - 30" - 60"

**IF: Blow building to 9.5 inches**  
**ISI: No return blow**  
**FF: Blow building to 7 inches**  
**FSl: No return blow**

**RECOVERY: 320' Total Fluid, consisting of:**  
 131' MW w/ 1" oil on top (50% W, 50% M)  
 189' MCW (90% W, 10% M); Chlorides: 25,000 ppm  
 Sampler: 2000 ml Water @ 50 psi

**SIP: 776-769; FP: 20-105, 110-153; HP: 2079-2058; BHT: 140**



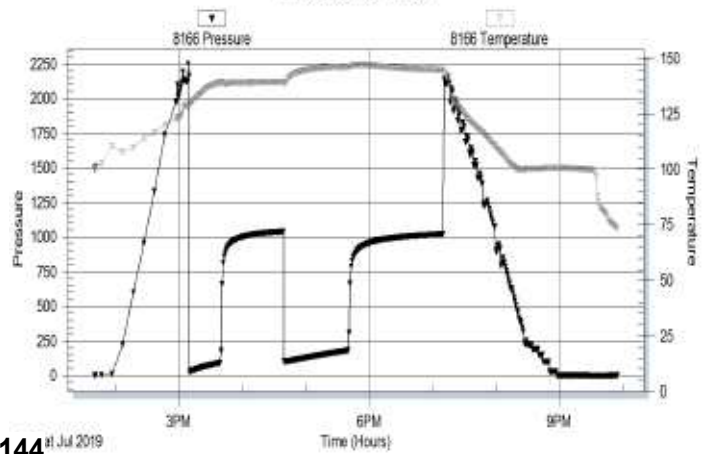
DST #2: 4,363' - 4,386' (Marmaton "B")  
 30" - 60" - 60" - 90"

IF: Blow building to BOB in 10.5 minutes  
 ISI: Return blow building to 4 inches  
 FF: Blow building to BOB in 11 minutes  
 FSI: Return blow building to 8 inches

RECOVERY: 741' GIP & 456' Total Fluid, consisting of:  
 330' GCO (30% G, 70% O); Gravity: 29 API  
 126' GOCM (40% G, 10% O, 50% M)  
 Sampler: 3 cu ft Gas & 1500 ml Oil @ 75 psi

SIP: 1037-1018; FP: 24-91, 103-184; HP: 2246-2142; BHT: 144

Pressure vs. Time



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

<b>MINERAL</b>		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	<b>FOSSIL</b>				<b>TEXTURE</b>	
	Feldspar		Algae		Anhy		Boundst
	Ferrpel		Amph		Arg		Chalky
	Ferr		Belm		Bent		Cryxln
	Glau		Bioclst		Coal		Earthy
	Gyp		Brach		Dol		Finexln
	Hvmin		Bryozoa		Ls		Grainst
	Kaol		Cephal		Mrst		Lithogr
	Marl		Coral		Sltstrg		Microxln
	Minxl		Crin		Ssstrg		Mudst
	Nodule		Echin		Carbsh		Packst
	Phos		Fish				Wackest
	Pyr		Foram				

### OTHER SYMBOLS

#### POROSITY TYPE

- E Earthy
- F Fenest
- F Fracture
- X 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

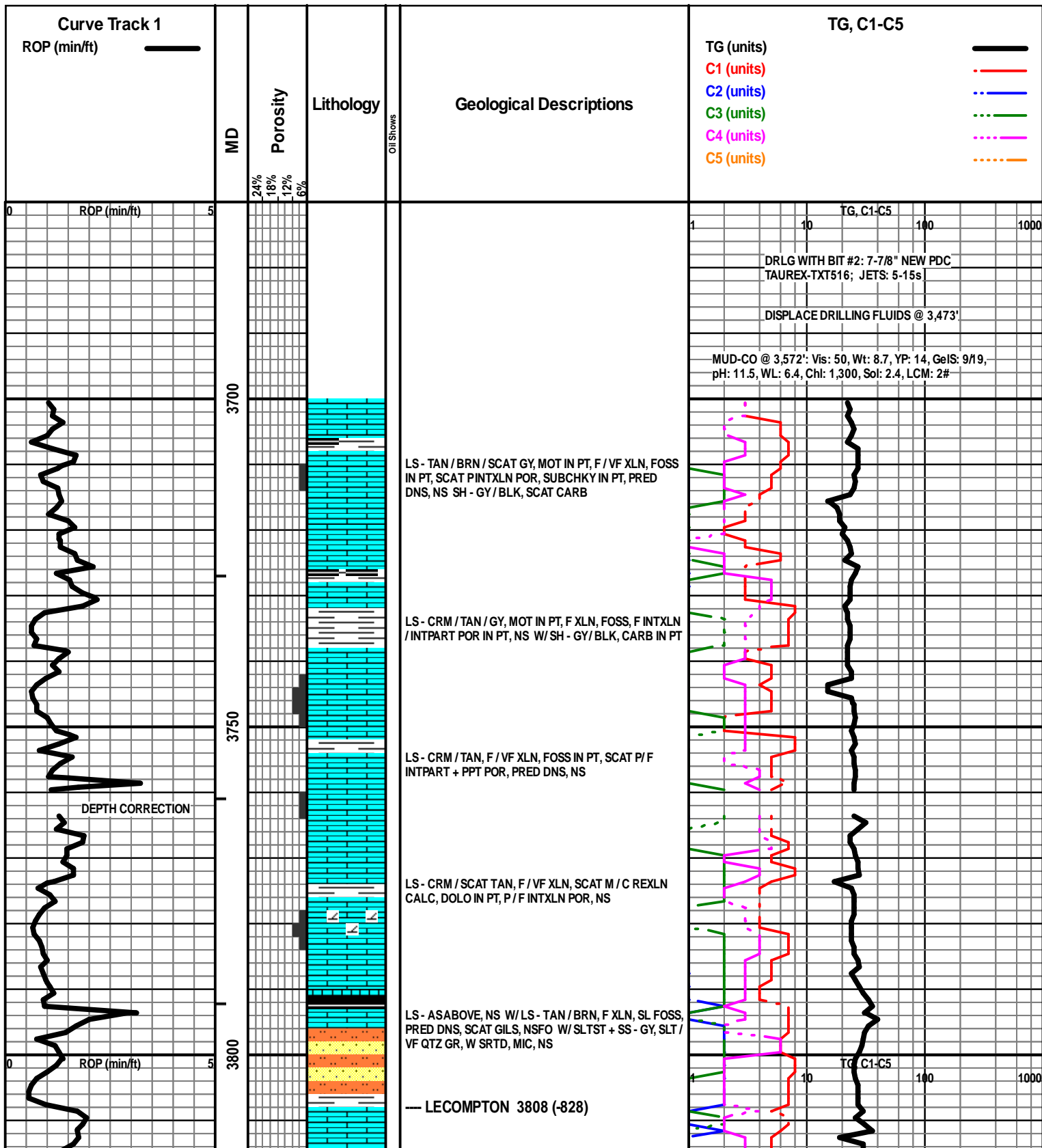
- Even
- ◉ Spotted
- ◌ Ques
- ◻ Dead
- ⊠ Gas show

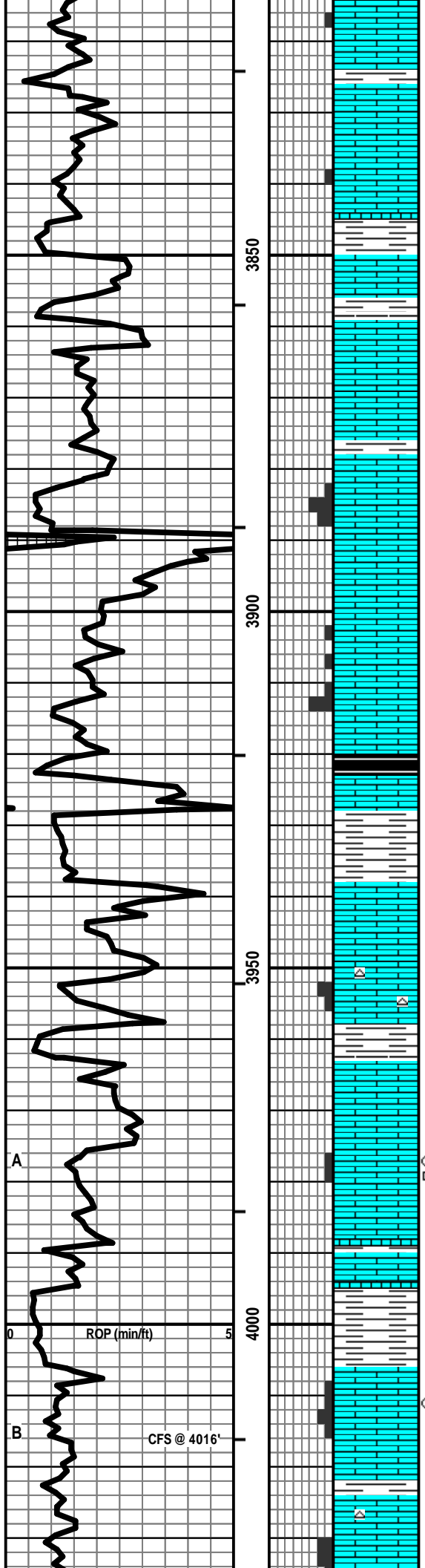
#### INTERVALS

- Core
- ◻ Dst

- Dst\_1\_t
- Dst\_1\_b
- Dst

- #### EVENTS
- ▽ Rft
  - ▾ Sidewall
  - ▬ Conn





LS - CRM / TAN / GY, MOT IN PT, F / VF XLN, FOSS IN PT, SCAT CHKY, TR PINTXLN + FOSS MOLD POR, PRED DNS, SCAY GILS, NSFO

LS - CRM / TAN, VF / F XLN, SL FOSS, SCAT PINTXLN POR, SUBCHKY IN PT, PRED DNS, TR GILS, NSFO

LS - TAN / GY, MOT IN PT, VF XLN, PRED DNS, NS

— OREAD 3859 (-879)

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

LS - CRM / TAN, F / VF XLN, FOSS + OOL IN PT, F INTXLN / INTPART POR, SCAT PPT POR, CHKY IN PT, TR GILS, NSFO W/LS - TAN / BRN, F / VF XLN, OOL IN PT, PRED DNS, NS

LS - CRM / TAN, VF / F XLN, FOSS IN PT, SCAT OOL, P INTXLN POR IN PT, CHKY IN PT, SCAT GILS, NSFO

LS - ASABOVE, P / G INTXLN POR, SCAT VUG POR, SCAT GILS, NSFO

— HEEBNER 3920 (-940)

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

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

LS - CRM / WHT / TAN, F / VF XLN, SCAT REXLN CALC, FOSS + OOL IN PT, SCAT P / F INTXLN POR, SCAT CHKY, NS W/SCAT CHT - WHT / LT GY

— LANSING 3963 (-983)

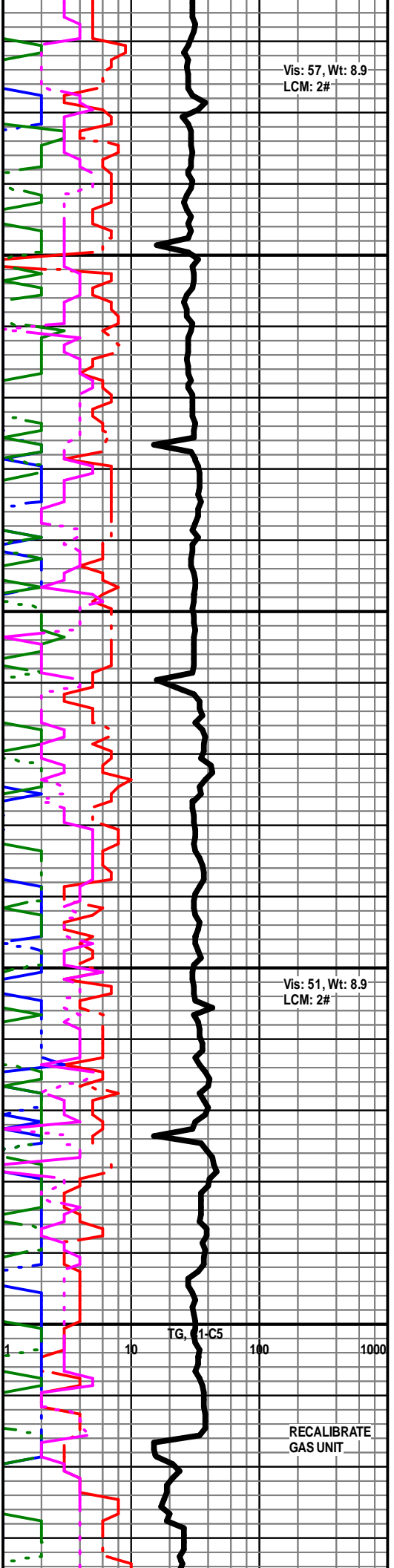
LS - TAN / CRM / BRN, F / VF XLN, FOSS IN PT, PRED DNS, NS

LS - CRM / WHT / TAN, F / VF XLN, FOSS IN PT, SCAT P INTXLN + PPT POR, SUBCHKY IN PT, TR FO + ASPH + GILS, NO ODOR, TR SPTY BLK DEAD STN

SH - GY / BLK W/LS - CRM / TAN / GY, PRED F XLN, SCAT REXLN CALC, FOSS + OOL IN PT, SCAT P / F INTXLN + FOSSMOLD POR, TR GB, NSO, NO ODOR

LS - ASABOVE, PRED DNS, NS W/LS - CRM / TAN, F / VF XLN, FOSS IN PT, PRED DNS, NS W/SCAT CHT - GY / WHT

LS - CRM / WHT / TAN, PRED F / VF XLN, SCAT M XLN,



Vis: 57, Wt: 8.9  
LCM: 2#

Vis: 51, Wt: 8.9  
LCM: 2#

TG, 1-C5  
1 10 100 1000

RECALIBRATE  
GAS UNIT

FOSS + OOL IN PT, P / F INTXLN + VUG POR IN PT, CHKY IN PT TO DNS, NS W/ SCAT CHT - GY / WHT

LS - ASABOVE, PRED DNS, NS W/ SCAT CHT - GY / WHT

LS - CRM / TAN, F / VF XLN, OOL IN PT, SCAT P INTXLN POR, SUBCHKY IN PT, PRED DNS, NS

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

LS - CRM / TAN / BRN, F XLN, OOL, G OOM POR, F / G INTXLN POR, NS

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

LS - ASABOVE, OOM + INTXLN POR IN PT, SCAT CHKY / DNS IN PT, NS

LS - CRM / TAN / GY, AS ABOVE, INTXLN + OOM POR IN PT, SCAT CHKY, NS

— MUNCIE CREEK 4147 (-1167)

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

LS - CRM / TAN / SCAT BRN, MOT IN PT, F / VF XLN, SL FOSS, SCAT OOL, SCAT P INTXLN POR, SUBCHKY IN PT / DNS, NS W/ CHT - AA

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

LS - CRM / TAN, F XLN, OOL IN PT, SL FOSS, F / G INTXLN / INTPART POR, SCAT P / G OOM POR, TR GB, NSO, NO ODOR, NO STN

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

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

LS - CRM / WHT / SCAT TAN, MOT IN PT, PRED VF / F XLN, SCAT REXLN CALC, SCAT OOL, SCAT P INTXLN POR, SCAT VSSFO, F ODOR, TR SPTY STN, P / G FLUOR, NO / G CUT

— STARK SHALE 4254 (-1274)

Vis: 51, Wt: 9.1  
LCM: 2#

WORK ON GAS  
EXTRACTOR

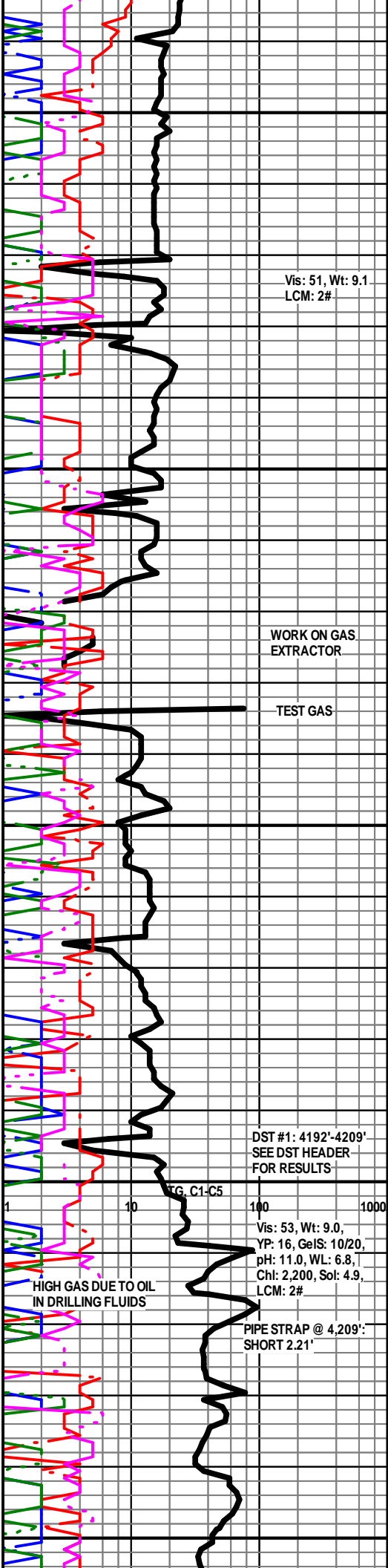
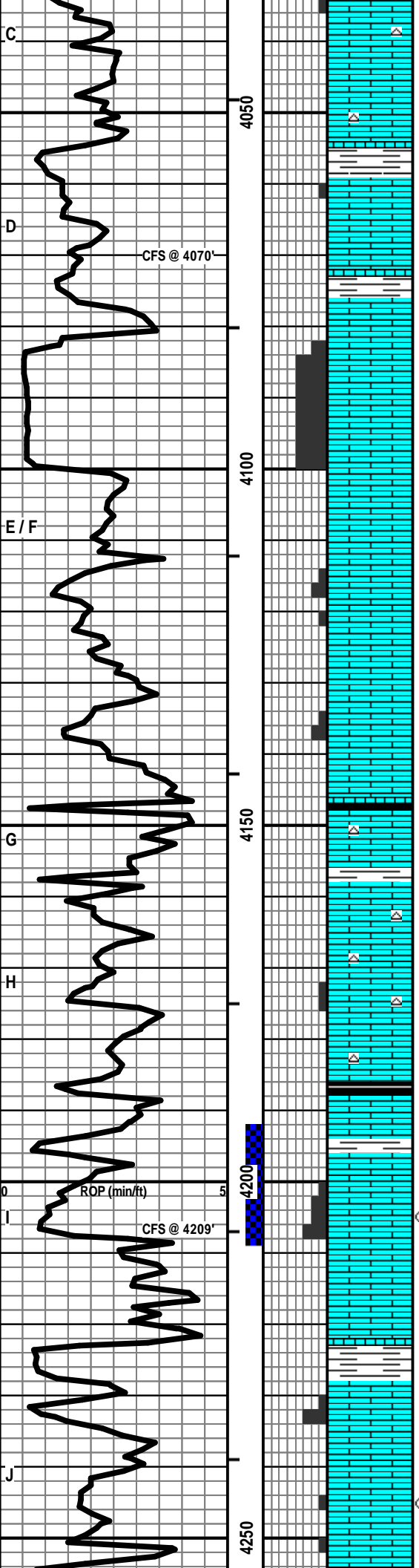
TEST GAS

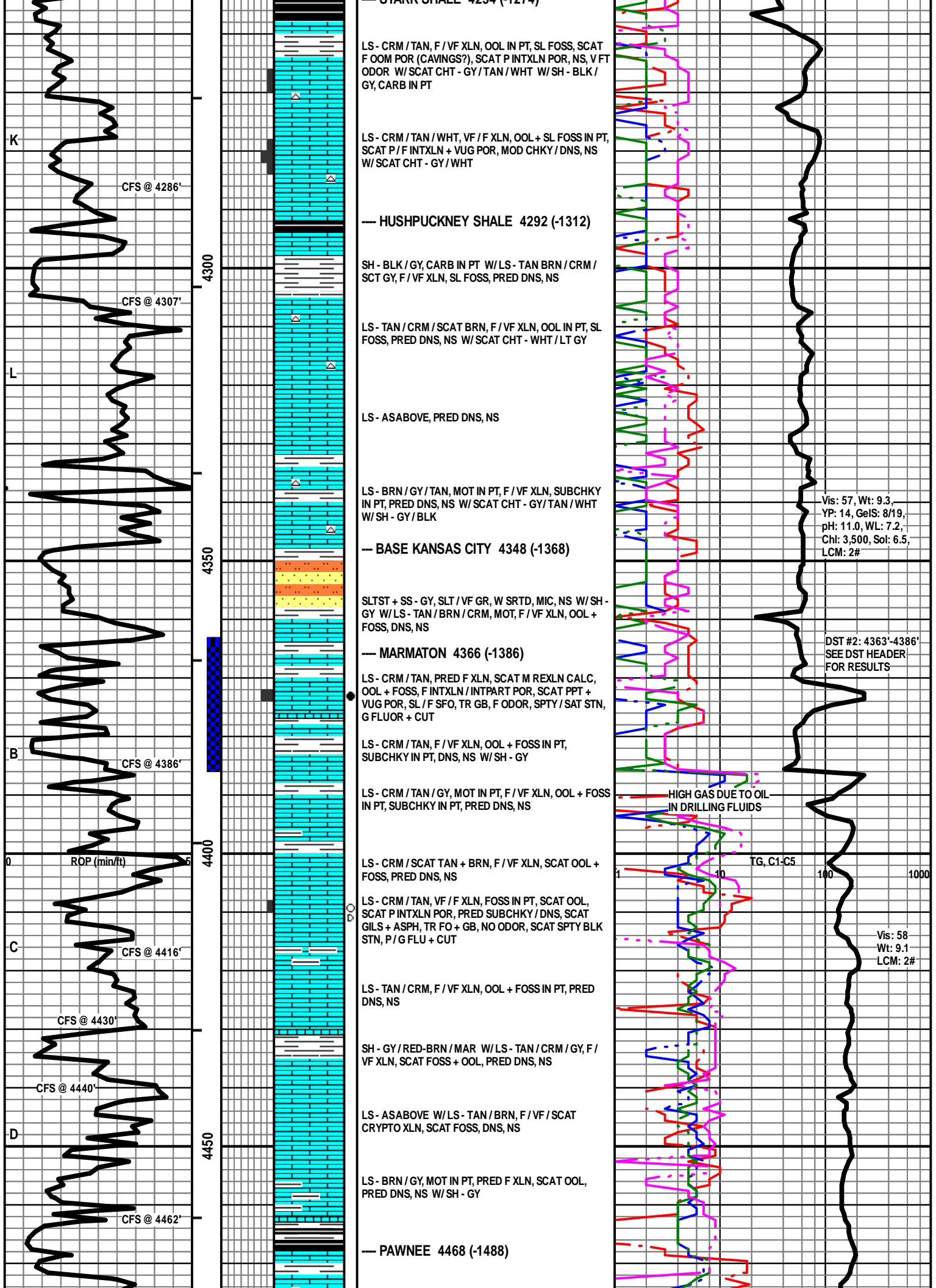
DST #1: 4192'-4209'  
SEE DST HEADER  
FOR RESULTS

Vis: 53, Wt: 9.0,  
YP: 16, GeIS: 10/20,  
pH: 11.0, WL: 6.8,  
Ch: 2,200, Sol: 4.9,  
LCM: 2#

HIGH GAS DUE TO OIL  
IN DRILLING FLUIDS

PIPE STRAP @ 4,209':  
SHORT 2.21'







LS - BRN / TAN, MOT IN PT, F / SCAT M XLN, SL FOSS, PRED DNS, NS W/ SCAT CHT - LT GY / WHT

LS - AS ABOVE, PRED DNS, NS W/ SCAT CHT - LT GY / WHT W/ SH - GY

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

--- CHEROKEE SHALE 4510 (-1530)

LS - TAN / CRM, F XLN, OOL, SL FOSS, SCAT PINTXLN + PPT POR, PRED DNS, SCAT GILS, TR GB, NSFO, NO ODOR, SCAT SPTY BLK STN, NO / F FLUOR, NO / P CUT W/ SCAT CHT - LT GY W/ SH - BLK / GY, CARB IN PT

--- LOWER CHEROKEE 4537 (-1557)

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

LS - TAN / BRN / GY, MOT IN PT, F / VF XLN, AREN IN PT, PRED DNS, NS W/ SS - GY, VF / F GR, W SRTD, SA / SR, V CALC, MOD MIC, SL PYR, P / NO INTGR POR, VSSGB, NSO, NO ODOR

--- JOHNSON ZONE 4570 (-1590)

LS - TAN / CRM, F / VF XLN, SCAT OOL, SCAT PINTXLN + PPT POR, SL S GILS + OILY FILM + GB, NSFO, V FT ODOR, SCAT SPTY BLK STN, F / G FLUOR, P / G CUT

LS - TAN / GY / BRN, MOT IN PT, F / VF XLN, SCAT OOL + FOSS, TR P INTXLN POR, PRED DNS, SUBCHKY IN PT, TR FO, SSSB, NO ODOR, TR SPTY STN, P / F FLUOR, P / G CUT

LS - TAN / GY / BRN, MOT IN PT, F / VF XLN, SCAT OOL + FOSS, SUBCHKY IN PT, PRED DNS, NS W/ SH - GY / GRN W/ SS - LT GY / GRN, SLT / VF GR, W SRTD, P / NO INTGR POR, NS

--- MISSISSIPPIAN 4623 (-1643)

LS - WHT / CRM, VF XLN, AREN, SCAT OOL, CHKY / DNS, NS W/ SCAT CHT - GY

LS - WHT / CRM, VF XLN, AREN, FNLY OOL, CHKY / DNS, NS W/ LS - CRM / TAN, F / VF XLN, OOL IN PT, PRED DNS, NS W/ TR CHT - GY / ORG

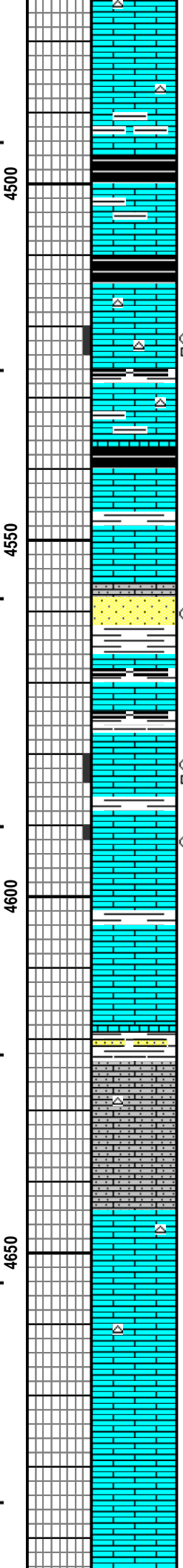
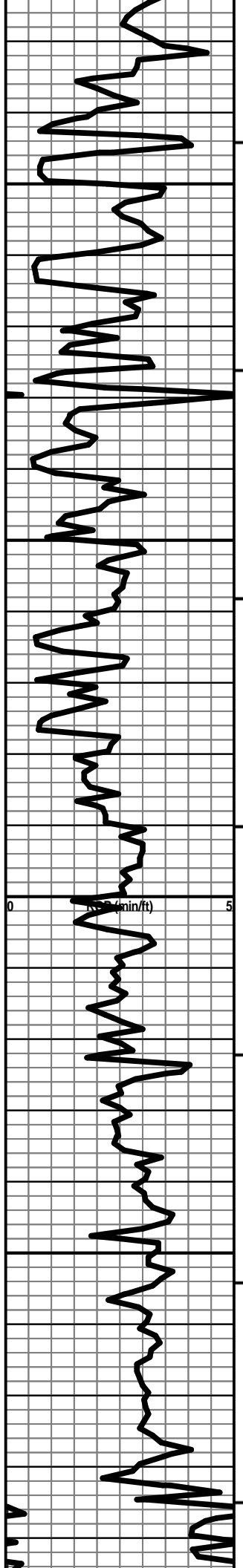
LS - CRM / TAN, F / VF XLN, OOL IN PT, PRED DNS, NS W/ TR CHT - GY / WHT / ORG

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

Vis: 77  
Wt: 9.1  
YP: 19  
GeIS: 13/42  
pH: 11.0  
WL: 8.0  
Chl: 3,000  
Sol: 5.3  
LCM: 2#

TG, C1-C5

Vis: 58  
Wt: 9.1  
LCM: 2#



LS - BRN / TAN, MOT IN PT, F / SCAT M XLN, SL FOSS, PRED DNS, NS W/ SCAT CHT - LT GY / WHT

LS - AS ABOVE, PRED DNS, NS W/ SCAT CHT - LT GY / WHT W/ SH - GY

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

--- CHEROKEE SHALE 4510 (-1530)

LS - TAN / CRM, F XLN, OOL, SL FOSS, SCAT PINTXLN + PPT POR, PRED DNS, SCAT GILS, TR GB, NSFO, NO ODOR, SCAT SPTY BLK STN, NO / F FLUOR, NO / P CUT W/ SCAT CHT - LT GY W/ SH - BLK / GY, CARB IN PT

--- LOWER CHEROKEE 4537 (-1557)

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

LS - TAN / BRN / GY, MOT IN PT, F / VF XLN, AREN IN PT, PRED DNS, NS W/ SS - GY, VF / F GR, W SRTD, SA / SR, V CALC, MOD MIC, SL PYR, P / NO INTGR POR, VSSGB, NSO, NO ODOR

--- JOHNSON ZONE 4570 (-1590)

LS - TAN / CRM, F / VF XLN, SCAT OOL, SCAT PINTXLN + PPT POR, SL S GILS + OILY FILM + GB, NSFO, V FT ODOR, SCAT SPTY BLK STN, F / G FLUOR, P / G CUT

LS - TAN / GY / BRN, MOT IN PT, F / VF XLN, SCAT OOL + FOSS, TR P INTXLN POR, PRED DNS, SUBCHKY IN PT, TR FO, SSSB, NO ODOR, TR SPTY STN, P / F FLUOR, P / G CUT

LS - TAN / GY / BRN, MOT IN PT, F / VF XLN, SCAT OOL + FOSS, SUBCHKY IN PT, PRED DNS, NS W/ SH - GY / GRN W/ SS - LT GY / GRN, SLT / VF GR, W SRTD, P / NO INTGR POR, NS

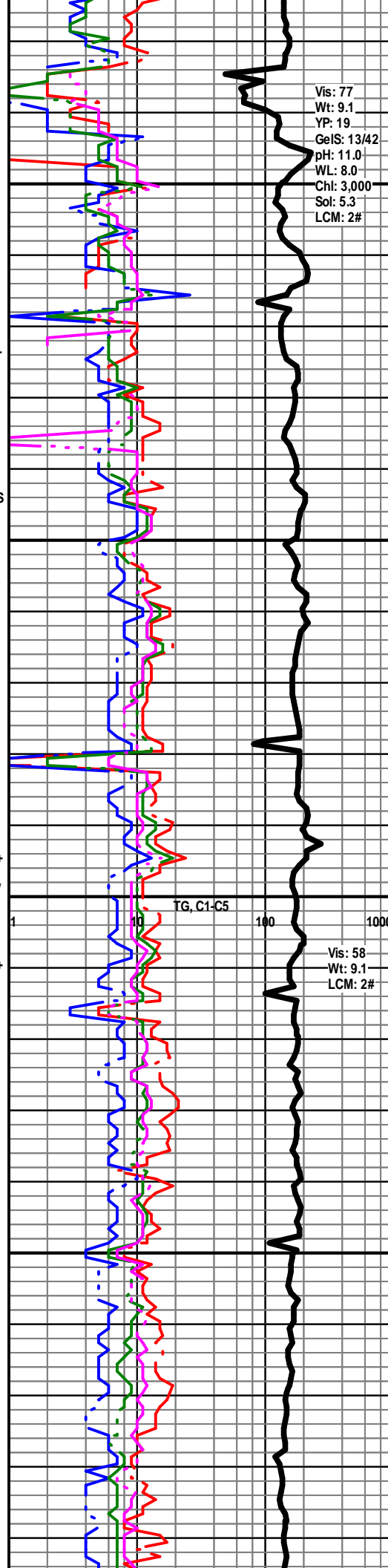
--- MISSISSIPPIAN 4623 (-1643)

LS - WHT / CRM, VF XLN, AREN, SCAT OOL, CHKY / DNS, NS W/ SCAT CHT - GY

LS - WHT / CRM, VF XLN, AREN, FNLY OOL, CHKY / DNS, NS W/ LS - CRM / TAN, F / VF XLN, OOL IN PT, PRED DNS, NS W/ TR CHT - GY / ORG

LS - CRM / TAN, F / VF XLN, OOL IN PT, PRED DNS, NS W/ TR CHT - GY / WHT / ORG

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



LS - TAN / CRM, F / VF XLN, SCAT CRYPTO XLN, OOL IN  
PT, SL FOSS, CHKY IN PT, PRED DNS, NO VIS POR, NS  
W/ SCAT CHT - LT GY

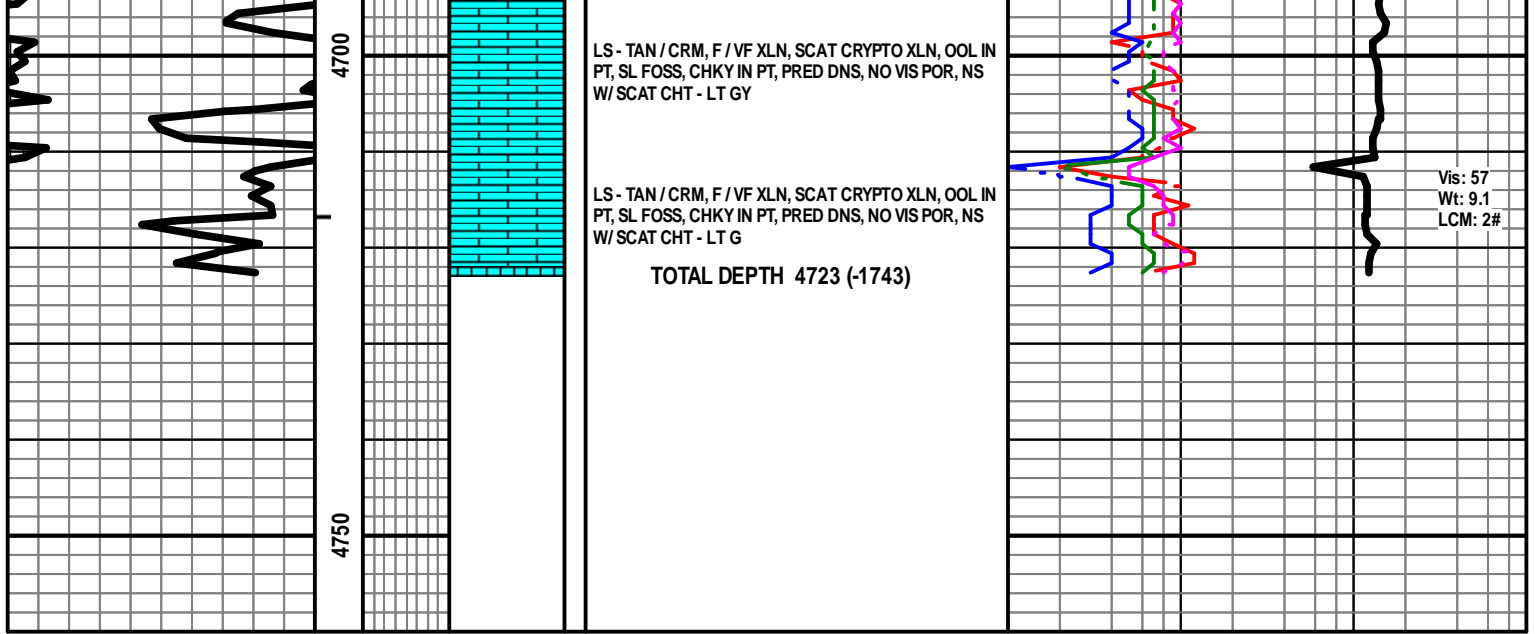
LS - TAN / CRM, F / VF XLN, SCAT CRYPTO XLN, OOL IN  
PT, SL FOSS, CHKY IN PT, PRED DNS, NO VIS POR, NS  
W/ SCAT CHT - LT G

TOTAL DEPTH 4723 (-1743)

Vis: 57  
Wt: 9.1  
LCM: 2#

4700

4750





## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N Waterfront Pkwy  
Ste 200  
Wichita, KS 67206

ATTN: Dave Goldak

### **Eaton #1-2**

#### **2-19s-32w Scott,KS**

Start Date: 2019.07.12 @ 14:16:05

End Date: 2019.07.12 @ 21:53:05

Job Ticket #: 65240                      DST #: 1

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

Printed: 2019.07.16 @ 16:53:55



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

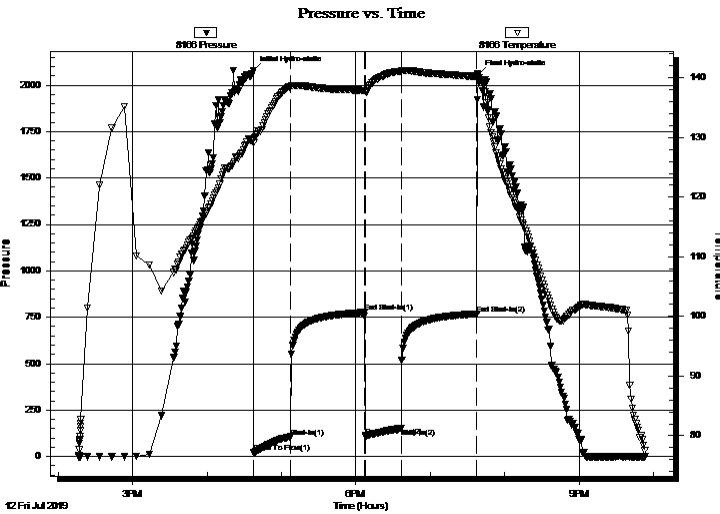
**2-19s-32w Scott,KS**  
**Eaton #1-2**  
 Job Ticket: 65240      **DST#: 1**  
 Test Start: 2019.07.12 @ 14:16:05

## GENERAL INFORMATION:

Formation: **LKC I**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:37:35  
 Time Test Ended: 21:53:05  
 Interval: **4192.00 ft (KB) To 4209.00 ft (KB) (TVD)**  
 Total Depth: 4209.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Brandon Turley  
 Unit No: 79  
 Reference Elevations: 2980.00 ft (KB)  
 2970.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8166      Outside**  
 Press@RunDepth: 152.99 psig @ 4193.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2019.07.12      End Date: 2019.07.12      Last Calib.: 2019.07.12  
 Start Time: 14:16:10      End Time: 21:53:04      Time On Btm: 2019.07.12 @ 16:37:05  
 Time Off Btm: 2019.07.12 @ 19:38:35

**TEST COMMENT:** IF: 1/2" blow built to 9 1/2"  
 IS: No return.  
 FF: 1/2" blow built to 7"  
 FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2078.75	129.73	Initial Hydro-static
1	20.45	129.14	Open To Flow (1)
30	105.31	138.58	Shut-In(1)
90	775.54	137.92	End Shut-In(1)
91	109.97	137.65	Open To Flow (2)
120	152.99	141.06	Shut-In(2)
181	768.75	140.24	End Shut-In(2)
182	2058.44	139.49	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
189.00	mcw 90%w 10%m	1.06
131.00	nw oil on top 50%w 50%m	1.84

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stelbar Oil Corp.

**2-19s-32w Scott,KS**

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

**Eaton #1-2**

Job Ticket: 65240

**DST#: 1**

Test Start: 2019.07.12 @ 14:16:05

## Tool Information

Drill Pipe:	Length: 4016.00 ft	Diameter: 3.80 inches	Volume: 56.33 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 175.00 ft	Diameter: 2.25 inches	Volume: 0.86 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4192.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	46.00 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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Stubb	1.00			4164.00	
Shut In Tool	5.00			4169.00	
Sampler	2.00			4171.00	
Hydraulic tool	5.00			4176.00	
Jars	5.00			4181.00	
Safety Joint	2.00			4183.00	
Packer	5.00			4188.00	29.00 Bottom Of Top Packer
Packer	4.00			4192.00	
Stubb	1.00			4193.00	
Recorder	0.00	6651	Inside	4193.00	
Recorder	0.00	8166	Outside	4193.00	
Perforations	11.00			4204.00	
Bullnose	5.00			4209.00	17.00 Bottom Packers & Anchor

**Total Tool Length: 46.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stelbar Oil Corp.

**2-19s-32w Scott,KS**

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

**Eaton #1-2**

Job Ticket: 65240

**DST#: 1**

Test Start: 2019.07.12 @ 14:16:05

## 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:

25000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in<sup>3</sup>

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
189.00	mcw 90%w 10%m	1.057
131.00	mw oil on top 50%w 50%m	1.838

Total Length: 320.00 ft      Total Volume: 2.895 bbl

Num Fluid Samples: 0

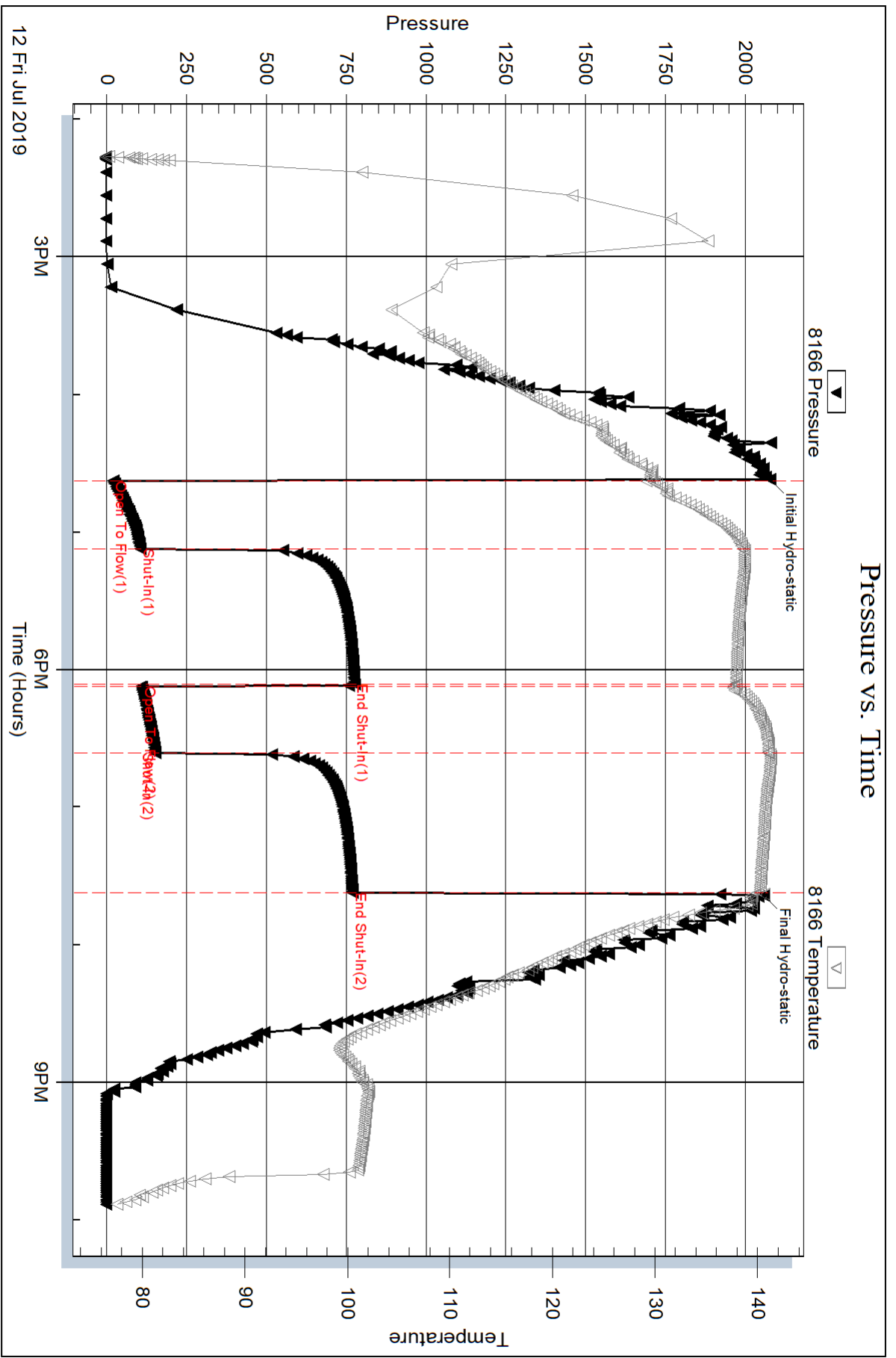
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .24@83=25000





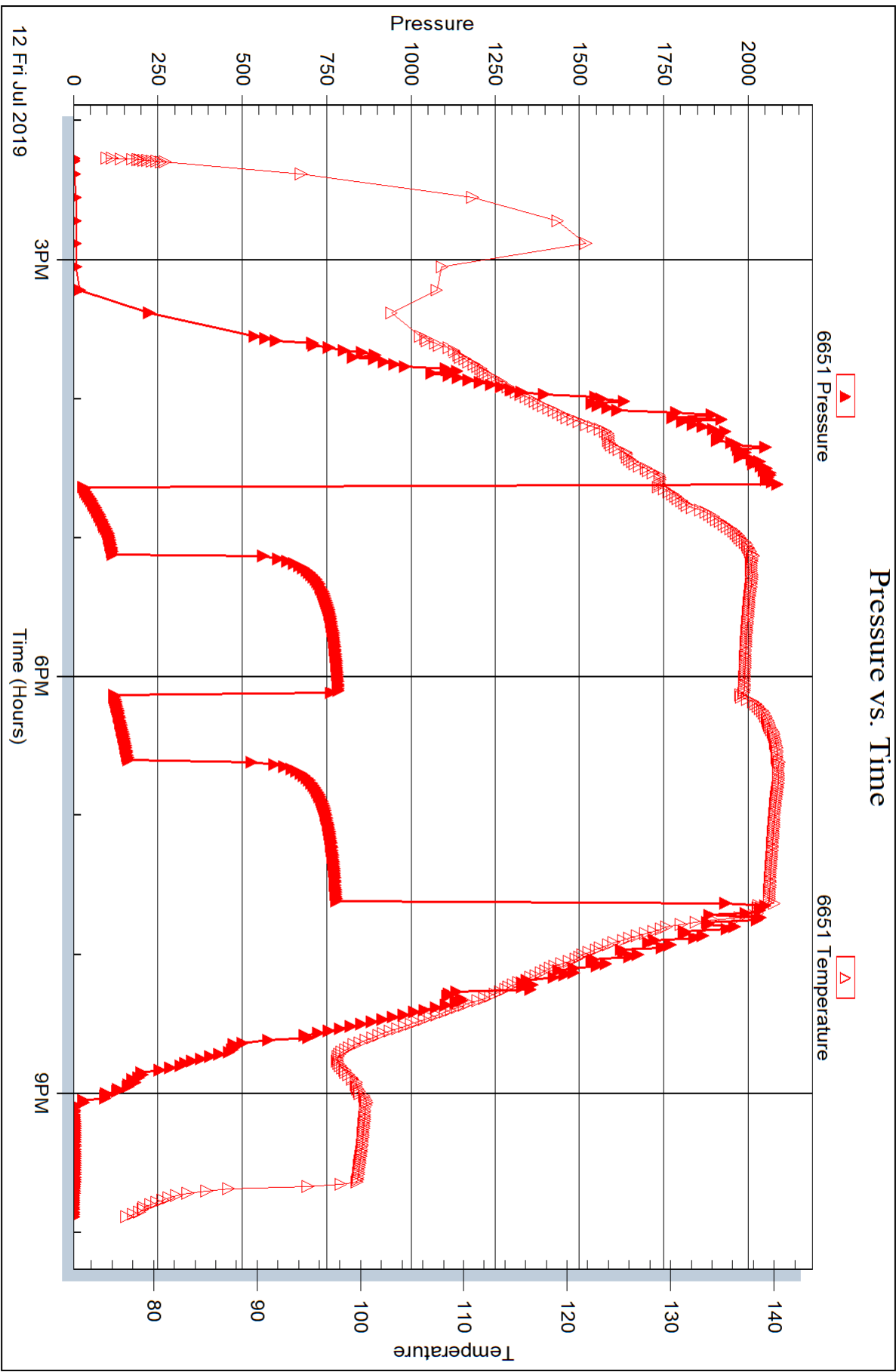
Serial #: 6651

Inside

Stelbar Oil Corp.

Eaton #1-2

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

### **Eaton #1-2**

### **2-19s-32w Scott,KS**

Start Date: 2019.07.13 @ 13:39:39

End Date: 2019.07.13 @ 21:54:39

Job Ticket #: 65242                      DST #: 2

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

Printed: 2019.07.16 @ 16:53:33



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

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

**2-19s-32w Scott,KS**

**Eaton #1-2**

Job Ticket: 65242

**DST#: 2**

Test Start: 2019.07.13 @ 13:39:39

## GENERAL INFORMATION:

Formation: **Marmaton B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:10:09

Time Test Ended: 21:54:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: **4363.00 ft (KB) To 4386.00 ft (KB) (TVD)**

Total Depth: 4386.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2980.00 ft (KB)

2970.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8166 Outside**

Press@RunDepth: 184.45 psig @ 4364.00 ft (KB)

Start Date: 2019.07.13

End Date: 2019.07.13

Start Time: 13:39:44

End Time: 21:54:38

Capacity: 8000.00 psig

Last Calib.: 2019.07.13

Time On Btm: 2019.07.13 @ 15:08:39

Time Off Btm: 2019.07.13 @ 19:10:39

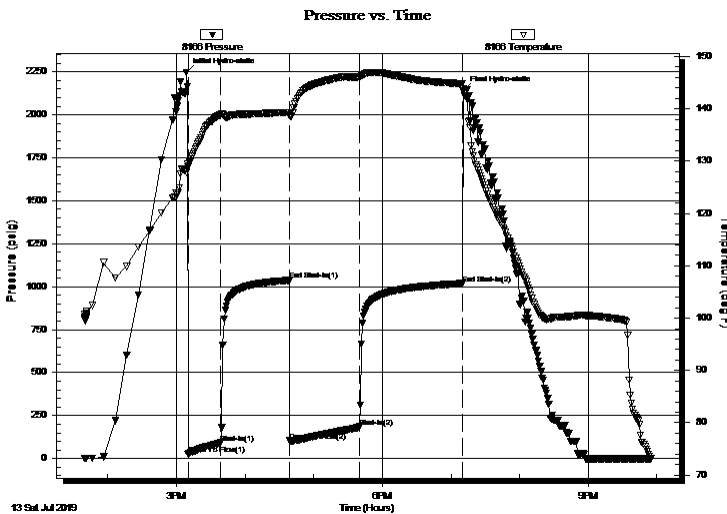
TEST COMMENT: IF: BOB in 10 1/2 mins. 29 1/2"

IS: Surface blow built to 4"

FF: BOB in 11 mins. 48 1/2"

FS: Surface blow built to 8"

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2246.41	127.90	Initial Hydro-static
2	24.32	129.00	Open To Flow (1)
30	90.63	138.92	Shut-In(1)
90	1036.96	139.30	End Shut-In(1)
91	103.30	138.71	Open To Flow (2)
152	184.45	146.17	Shut-In(2)
241	1018.20	144.81	End Shut-In(2)
242	2141.72	143.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
126.00	gocm 40%g 10%o 50%m	0.62
330.00	go 30%g 70%o	4.18
0.00	741 GIP	0.00

## 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.

**2-19s-32w Scott,KS**

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

**Eaton #1-2**

Job Ticket: 65242

**DST#: 2**

Test Start: 2019.07.13 @ 13:39:39

## Tool Information

Drill Pipe:	Length: 4179.00 ft	Diameter: 3.80 inches	Volume: 58.62 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 175.00 ft	Diameter: 2.25 inches	Volume: 0.86 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 59.48 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4363.00 ft			Final	74000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	23.00 ft				
Tool Length:	52.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

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

Stubb	1.00			4335.00	
Shut In Tool	5.00			4340.00	
Sampler	2.00			4342.00	
Hydraulic tool	5.00			4347.00	
Jars	5.00			4352.00	
Safety Joint	2.00			4354.00	
Packer	5.00			4359.00	29.00 Bottom Of Top Packer
Packer	4.00			4363.00	
Stubb	1.00			4364.00	
Recorder	0.00	6651	Inside	4364.00	
Recorder	0.00	8166	Outside	4364.00	
Perforations	17.00			4381.00	
Bullnose	5.00			4386.00	23.00 Bottom Packers & Anchor

**Total Tool Length: 52.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stelbar Oil Corp.

**2-19s-32w Scott,KS**

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

**Eaton #1-2**

Job Ticket: 65242

**DST#: 2**

Test Start: 2019.07.13 @ 13:39:39

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	gocm 40%g 10%o 50%m	0.620
330.00	go 30%g 70%o	4.183
0.00	741 GIP	0.000

Total Length: 456.00 ft      Total Volume: 4.803 bbl

Num Fluid Samples: 0

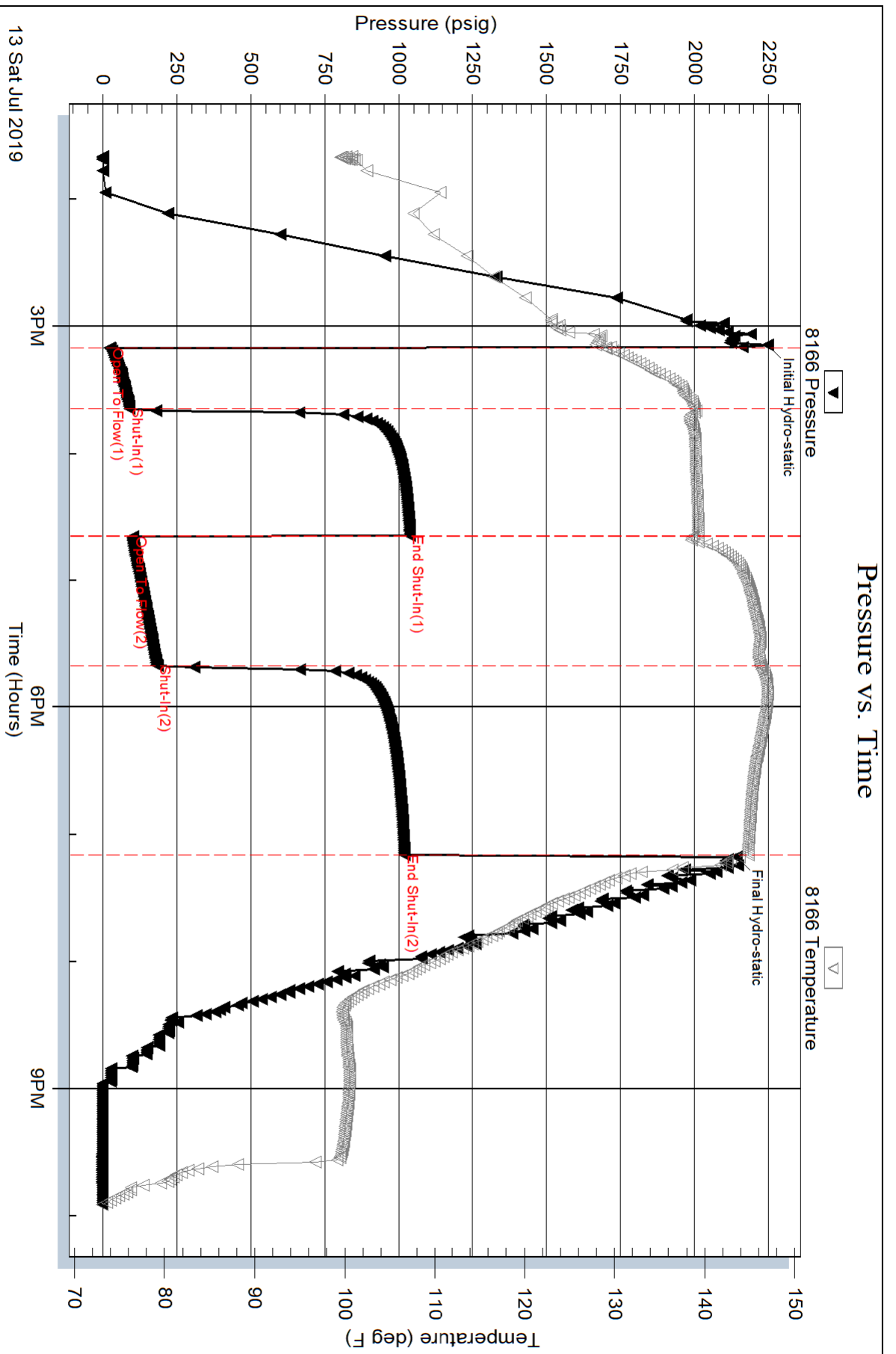
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 32@80=29



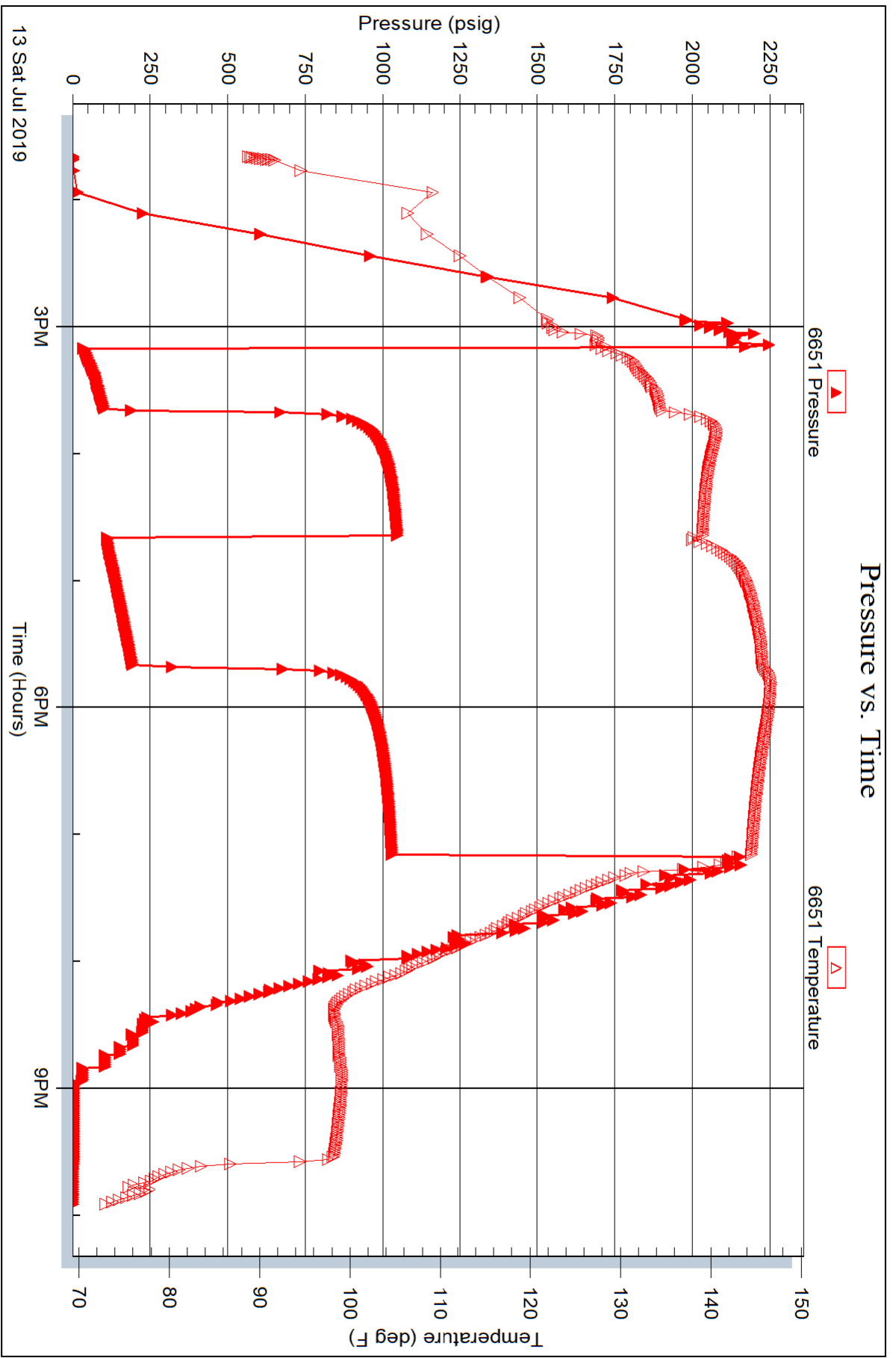
Serial #: 6651

Inside

Stelbar Oil Corp.

Eaton #1-2

DST Test Number: 2







# TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 65240

Well Name & No. Eaton 1-2 Test No. 1 Date 7-12-19  
 Company Stellar Oil Corp Elevation 2980 KB 2970 GL  
 Address 1625 N waterfront Pkwy<sup>200</sup> Wichita, KS 67206  
 Co. Rep / Geo. Dave Goldak Rig Stirling 5  
 Location: Sec. 2 Twp 19S Rge. 32W Co. Scott State KS

Interval Tested 4192 4209 Zone Tested LKC I  
 Anchor Length 17 Drill Pipe Run 4016 Mud Wt. 9.0  
 Top Packer Depth 4186 Drill Collars Run 175 Vis 53  
 Bottom Packer Depth 4192 Wt. Pipe Run — WL 6.8  
 Total Depth 4209 Chlorides 2200 ppm System LCM 2

Blow Description IF: 1/2 blow built to 9 1/2.  
IS: No return.  
FK: 1/2 blow built to 9.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>131</u>	<u>mw oil on top</u>		<u>50</u>	<u>50</u>	
<u>189</u>	<u>mcw</u>		<u>90</u>	<u>10</u>	

Rec Total 320 BHT 140 Gravity — API RW .24 @ 83 °F Chlorides 25,000 ppm

(A) Initial Hydrostatic 2078  Test 1300  
 (B) First Initial Flow 20  Jars 250  
 (C) First Final Flow 105  Safety Joint 75  
 (D) Initial Shut-In 775  Circ Sub NIC  
 (E) Second Initial Flow 109  Hourly Standby  
 (F) Second Final Flow 152  Mileage 20 - 20  
 (G) Final Shut-In 768  Sampler 250  
 (H) Final Hydrostatic 2058  Straddle  
 Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Sub Total 1895

T-On Location 12:40  
 T-Started 14:16  
 T-Open 16:37  
 T-Pulled 19:37  
 T-Out 21:55  
 Comments \_\_\_\_\_  
 EM Tool  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1895  
 MP/DST Disc't \_\_\_\_\_

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

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. 65240 Date 7-12-19  
Company Name Stelbor oil corp  
Lease Eaton 1-2 Test No. 1  
County Scott Sec. 2 Twp. 19S Rng. 32W

### SAMPLER RECOVERY

Gas \_\_\_\_\_ ML  
Oil \_\_\_\_\_ ML  
Mud \_\_\_\_\_ ML  
Water 2000 ML  
Other \_\_\_\_\_ ML  
Pressure 50 psi ML  
Total \_\_\_\_\_ ML

### PIT MUD ANALYSIS

Chlorides 2200 ppm.  
Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
Viscosity 53  
Mud Weight 9.0  
Filtrate 6.8  
Other catel LCM #2

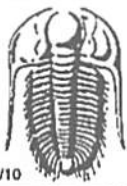
### SAMPLER ANALYSIS

Resistivity .24 ohms @ 83 F  
Chlorides 25,000 ppm.  
Gravity \_\_\_\_\_ corrected @60F

### PIPE RECOVERY

**TOP**  
Resistivity .24 ohms @ 83 F  
Chlorides 25,000 ppm.  
**MIDDLE**  
Resistivity .24 ohms @ 83 F  
Chlorides 25,000 ppm.  
**BOTTOM**  
Resistivity .24 ohms @ 83 F  
Chlorides 25000 ppm.





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 65241

Well Name & No. Eaton 1-2 Test No. 2 Date 7-13-19  
 Company Stelber oil corp Elevation 2980 KB 2970 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Dave Goldark Rig Sterling 5  
 Location: Sec. 2 Twp 19S Rge. 32W Co. Scott State KS

Interval Tested 4363 4386 Zone Tested Marmaton B  
 Anchor Length \_\_\_\_\_ Drill Pipe Run 4179 Mud Wt. 9.3  
 Top Packer Depth \_\_\_\_\_ Drill Collars Run 175 Vis 57  
 Bottom Packer Depth \_\_\_\_\_ Wt. Pipe Run \_\_\_\_\_ WL 7.2  
 Total Depth 4386 Chlorides 3500 ppm System LCM 2

Blow Description IF: BoB in 10 1/2 min. 29 1/2.  
IS: Surface blow built to 4"  
FF: BoB in 11 min. 48 1/2.  
FS: Surface blow built to 8"

Rec	Feet of	%gas	%oil	%water	%mud
<u>330</u>	<u>90</u>	<u>30</u>	<u>70</u>		
<u>126</u>	<u>90 CM</u>	<u>40</u>	<u>10</u>		<u>50</u>
<u>741</u>	<u>GIP</u>				

Rec Total 456 BHT 1144 Gravity 29 API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

- (A) Initial Hydrostatic 2246  Test 1300
- (B) First Initial Flow 24  Jars 250
- (C) First Final Flow 90  Safety Joint 75
- (D) Initial Shut-In 1036  Circ Sub NIL
- (E) Second Initial Flow 103  Hourly Standby \_\_\_\_\_
- (F) Second Final Flow 184  Mileage 20 - X2 20+20
- (G) Final Shut-In 1018  Sampler 250
- (H) Final Hydrostatic 2141  Straddle \_\_\_\_\_

T-On Location 13:35  
 T-Started 13:39  
 T-Open 15:10  
 T-Pulled 19:10  
 T-Out 21:55

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 60  
 Final Shut-In 90  
 Sub Total 1915

Comments \_\_\_\_\_  
 EM Tool \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 1915  
 MP/DST Disc't \_\_\_\_\_

Approved By [Signature] Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 65241 Date 7-13-19  
 Company Name Stelbar oil corp.  
 Lease Exton 1-2 Test No. 2  
 County Scott Sec. 2 Twp. 19S Rng. 32W

### SAMPLER RECOVERY

Gas 500ml 3 cubic Feet ML  
 Oil 1500 ML  
 Mud \_\_\_\_\_ ML  
 Water \_\_\_\_\_ ML  
 Other \_\_\_\_\_ ML  
 Pressure 75 psi ML  
 Total 2000 ML

### PIT MUD ANALYSIS

Chlorides 3500 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 57  
 Mud Weight 9.3  
 Filtrate 7.2  
 Other LCM 2

### SAMPLER ANALYSIS

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

### PIPE RECOVERY

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



Well File



PAGE 1 of 1	CUST NO 1003965	YARD # 1718	INVOICE DATE 07/10/2019
INVOICE NUMBER <b>93006917</b>			

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 **EATON 1-2**  
 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
41182617	86779		Net - 30 days	08/09/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 07/09/2019 to 07/09/2019</i>				
0041182617				
171818064A Cement-New Well Casing/Pi 07/09/2019				
<b>SURFACE CASING</b>				
60/40 Poz	210.00	SK	12.96	2,721.60 T
Calcium Chloride	543.00	LB	0.48	260.64 T
Celloflake	53.00	LB	1.92	101.76 T
Light Vehicle Mileage	100.00	MI	2.40	240.00
Heavy Equipment Mileage	200.00	MI	3.84	768.00
Plug Container Utilization Charge	1.00	EA	120.00	120.00
Depth Charge, 0'-1000'	1.00	HR	576.00	576.00
Blending & Mixing Service Charge	1.00	SK	144.48	144.48
Wooden Cement Plug, 8 5/8"	1.00	EA	76.80	76.80
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	5,154.28
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	262.14
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	5,416.42
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		









PAGE 1 of 1	CUST NO 1003965	YARD # 1718	INVOICE DATE 07/17/2019
INVOICE NUMBER <b>93011495</b>			

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

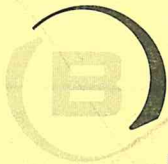
J LEASE NAME EATON #1-2  
 O LOCATION  
 B COUNTY SCOTT  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41183637			Net - 30 days	08/16/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 07/16/2019 to 07/16/2019</i>				
0041183637				
171818070A Cement-New Well Casing/Pi 07/16/2019 2 STAGE PRODUCTION CASING				
A-Con Blend	350.00	EA	23.50	8,225.00 T
Class A Cement	125.00	SK	14.57	1,821.25 T
AA2 Premium Cement	150.00	SK	8.93	1,339.50 T
Celloflake	106.00	LB	1.88	199.28 T
C-41P	71.00	LB	1.88	133.48 T
Calcium Chloride	1,215.00	LB	0.47	571.05 T
830 LB - Salt	1.00	LB	195.05	195.05 T
Gypsum	705.00	LB	0.47	331.35 T
C-17	71.00	LB	11.28	800.88 T
Gilsonite	751.00	LB	0.47	352.97 T
500 GAL - Super Flush II	1.00	GAL	352.50	352.50 T
Light Vehicle Mileage	100.00	MI	2.35	235.00
Heavy Equipment Mileage	300.00	MI	3.76	1,128.00
Plug Container Utilization Charge	1.00	EA	117.50	117.50
Depth Charge, 4001'-5000'	1.00	HR	1,175.00	1,175.00
625 SK-Blending & Mixing Service Charge	1.00	SK	411.25	411.25
Auto Fill Float Shoe 5 1/2" (Blue)	1.00	EA	169.20	169.20
Latch Down Plug & Baffle, 5 1/2" (Blue)	1.00	EA	188.00	188.00
5 1/2" Basket (Blue)	1.00	EA	136.30	136.30
Two Stage Cement Collar, 5 1/2" (Blue)	1.00	EA	2,115.00	2,115.00
Turbolizer, 5 1/2" (Blue)	10.00	EA	51.70	517.00
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	4.00	EA	35.00	140.00
<i>EATON #1-2</i>				
<i>205</i>				
<i>TR</i>				

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	20,729.56
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	1,217.40
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	21,946.96
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		





**BASIC**<sup>SM</sup>  
ENERGY SERVICES

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

PRESSURE PUMPING & WIRELINE

TTMH  
97  
lot 2

FIELD SERVICE TICKET  
1718 18070 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 7-16-19		DISTRICT: PIATT		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: Stelbur oil corp				LEASE: EATON				WELL NO. 1-2	
ADDRESS:				COUNTY: SCOTT		STATE: KS			
CITY:				STATE:		SERVICE CREW: MATTAI McGRAU			
AUTHORIZED BY:				JOB TYPE: 242 5/8" 2 STAGE LONG STRING					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
86779	7						7-15		10:00
						ARRIVED AT JOB		AM/PM	5:15
37547	.5					START OPERATION		AM/PM	11:11
						FINISH OPERATION	7-16	AM/PM	6:03
19808	.5					RELEASED		AM/PM	7:00
						MILES FROM STATION TO WELL	170		

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: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
BC 118	A-con	SH	350		17,500.00
BC 100	CLASS A CRT	SH	125		3,875.00
BC 145	AA-2 Premium cmg	SA	150		2,850.00
					424.40
CC 103	cellophane	lb	106		424.00
CC 105	C-41 P	lb	71		284.00
CC 109	cat. chloride	lb	1215		1,215.00
CC 111	SALT	lb	830		415.00
CC 113	gypsum	lb	705		705.00
CC 187	C-17	lb	71		1,704.00
CC 201	SILSONITE	lb	751		751.00
CC 155	superflush #	gal	500		750.00
Me 101	Light veh miles	mi	100		500.00
Me 102	heavy eq miles	mi	300		2,400.00
CE 504	plug cont	EA	1		250.00
CE 5	depth charge 4001-5000	AV	1		2,500.00
CE 240	blend + mix	SK	625		875.00

SUB TOTAL

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: mile mattai	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
-------------------------------------	--

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.







Customer Stelbor oil corp	Lease No.	Date 7-16-19	
Lease Eaton	Well # 1-2		
Field Order # 10070	Station Pratt	Casing 5 1/2	Depth 4200
County Scott		State WV	
Type Job 2-42 5 1/2" 251/25 Long string	Formation LTO 4717	Legal Description 2-19S-32W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
4641		From	To	150 SLS AA-2	3+600	2500	Bottom 2500	
Volume	Volume	From	To	Pre Pad	Max		5 Min.	
Max Press	Max Press	From	To	Pad	Min		10 Min.	
Well Connection	Annulus Vol.	From	To	Frac	Avg		15 Min.	TOP STAGE
Plug Depth	Packer Depth	From	To	Flush	HHP Used		Annulus Pressure	
					Gas Volume		Total Load	

Customer Representative Dustin	Station Manager Westerman	Treater MATTIA
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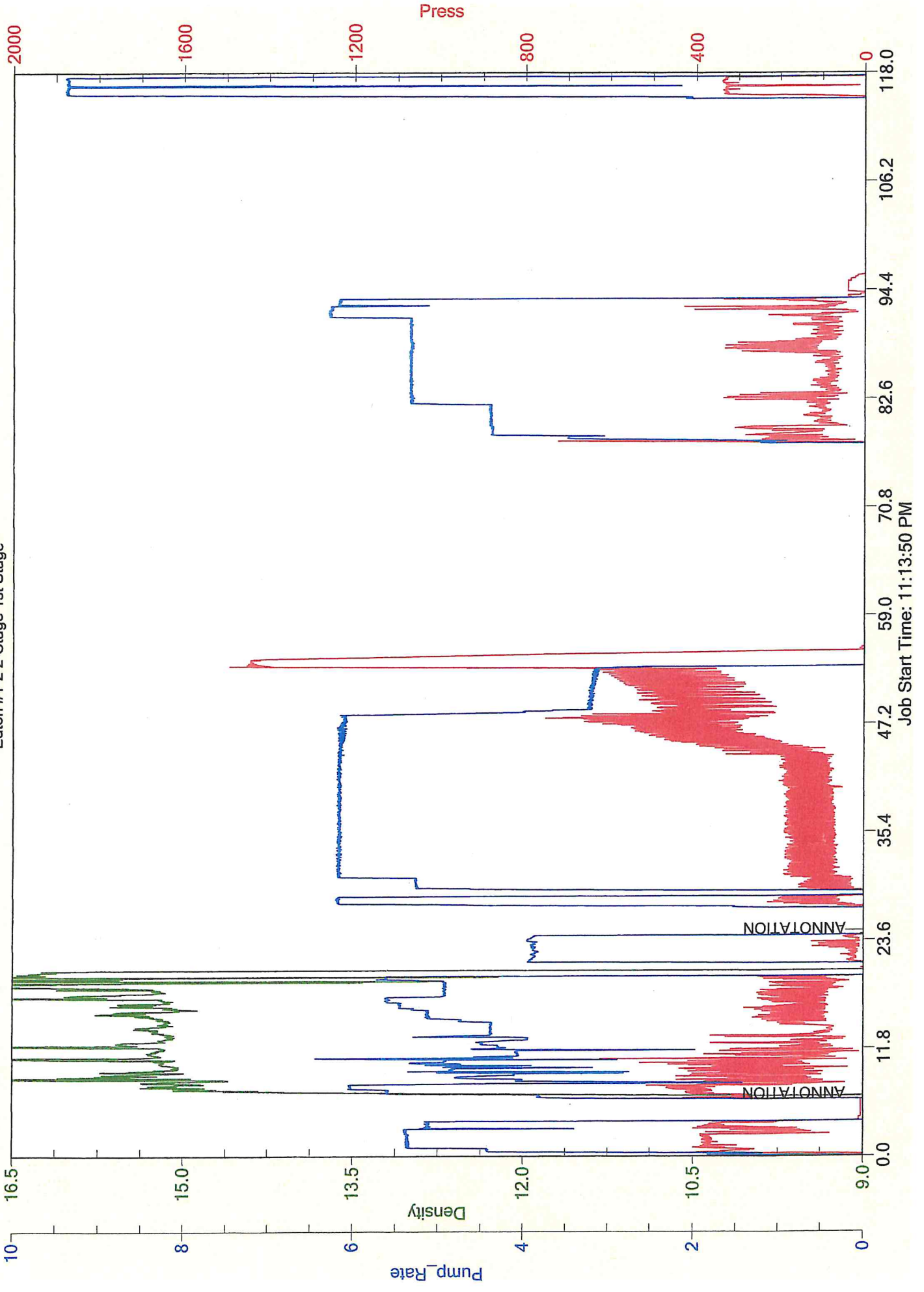
Service Units	53353	77686	66779	30464	37547	14354	19808
Driver Names	MATTIA	regi	AW	O SCAR		SAM	

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
5:15					On location / Safety meeting
6:40					run 5 1/2" 15.5" casing 4206' show
					centralizer 1-10
					DV tool on # 54 - BASKET ON 54
9:50					casing on BOTTOM
9:57					Hook to casing / Binae eye w. Rig
11:11	350		12	4	run 12 bbls super 2.1st #
11:44	350		5	5	run 5 lbl water
11:46	350		41	15	MIX 1.1500 SLS AA-2
11:34			4	4	WASH pump 1.200 / Deep plug
11:38	150			6	START WATER DISPLACEMENT
11:51	150		55	6	START mud displacement
11:55	200		80	6	Like Pressure
12:00	400		100	3	Slow RATE
12:00			110		plug down release + hold
12:12					Down DP 100
12:27					DP on D.V.
12:30					circulate





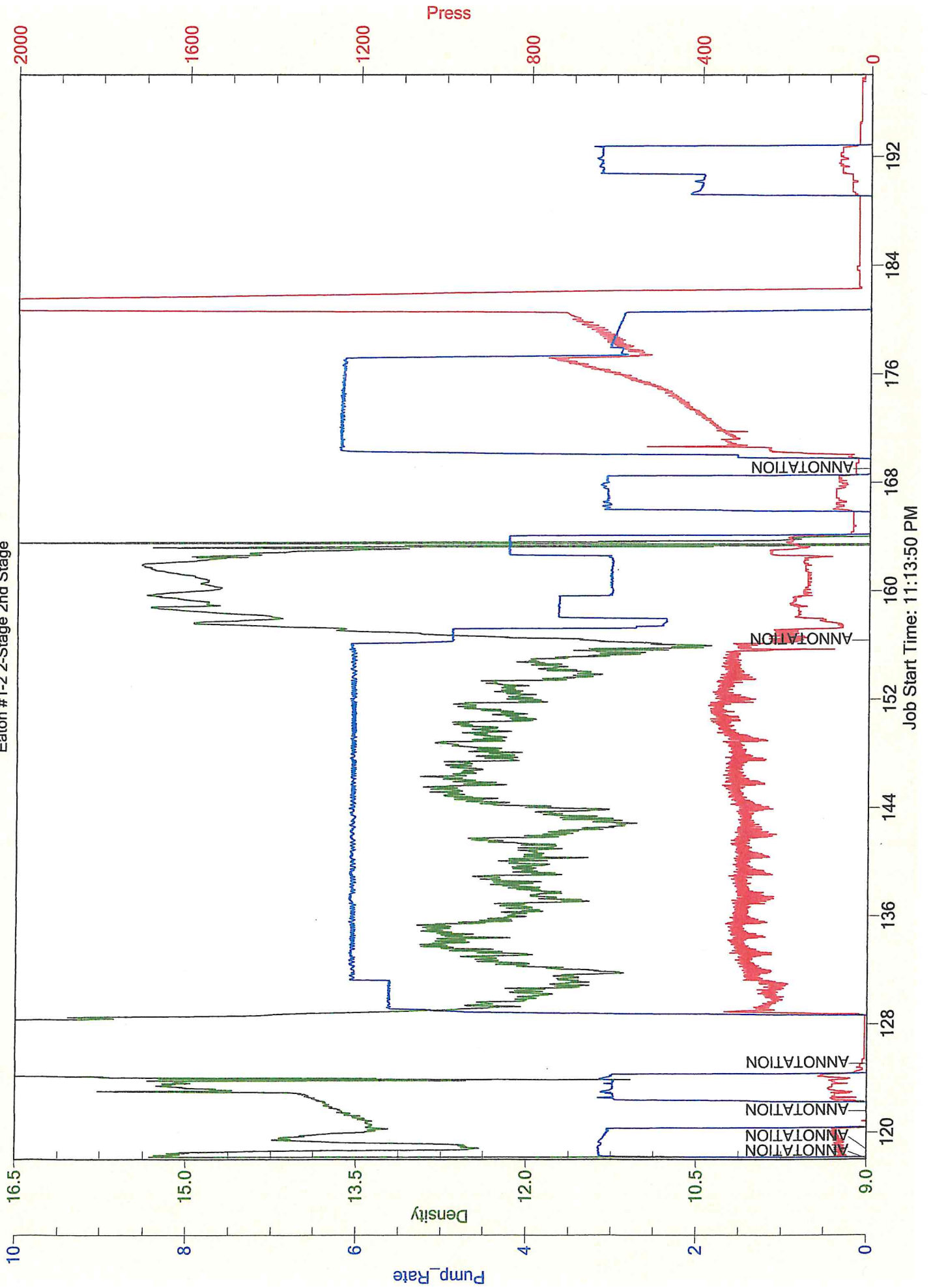
Stelbar Oil Corp.  
Eaton #1-2-2-Stage 1st Stage



Job Start Time: 11:13:50 PM

# Stelbar Oil Corp.

Eaton #1-2 2-Stage 2nd Stage





**Kansas Geological Survey  
Wichita Well Sample Library  
4150 W Monroe Street  
Wichita KS 67209-2640**

# Invoice

Date	Invoice #
7/18/2019	W20-0068

Bill To
STELBAR OIL CORP INC 1625 N WATERFRONT PKWY STE 200 WICHITA KS 67206-6621

Ship To

*Please include invoice number with payment.*

Due Date	Terms	Reference #	Invoiced By	Ship	Via
8/17/2019	Net 30		KEF	7/18/2019	

Quantity	Item Code	Description	Rate	Amount
1,043	1.4 CSS	Confidential Regular Sample: 02-19-32W; EATON 1-2	0.10	104.30

<p><b><i>Thank you for helping to preserve the Kansas rock record.</i></b></p> <p>KANSAS GEOLOGICAL SURVEY - WELL SAMPLE LIBRARY Telephone - 316 943-2343 Fax - 316 943-1261 Email - <a href="mailto:wwsl@kgs.ku.edu">wwsl@kgs.ku.edu</a> Web - <a href="http://www.kgs.ku.edu/General/wichita.html">www.kgs.ku.edu/General/wichita.html</a></p>	<b>Total</b>	\$104.30
	<b>Payments/Credits</b>	\$0.00
	<b>Balance Due</b>	\$104.30



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1003965	1718	08/01/2019
INVOICE NUMBER			
93021795			

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

J LEASE NAME EATON #1-2  
 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
41185565			Net - 30 days	08/31/2019
<b>For Service Dates: 07/31/2019 to 07/31/2019</b>				
0041185565				
171817999A Cement-New Well Casing/Pi 07/31/2019 NEW / RETAINER SQUEEZE				
Class A Cement	150.00	SK	15.50	2,325.00 T
Calcium Chloride	291.00	LB	0.50	145.50 T
Light Vehicle Mileage	100.00	MI	2.50	250.00
Heavy Equipment Mileage	200.00	MI	4.00	800.00
Cement Squeeze Manifold	1.00	EA	250.00	250.00
Depth Charge, 4001'-5000'	1.00	HR	1,250.00	1,250.00
Blending & Mixing Service Charge	150.00	SK	0.70	105.00
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	3.00	EA	35.00	105.00

*Eaton #1-2  
 205  
 the*

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES, LE PO BOX 841903 DALLAS, TX 75284-1903	BASIC ENERGY SERVICES, LP 801 CHERRY ST, STE 2100 FORT WORTH, TX 76102
	SUB TOTAL
	TAX
	INVOICE TOTAL
	5,305.50
	209.99
	5,515.49











# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer: Stelber Oil Corp Lease No. 7/31/2019  
 Lease: Egon Well # 1-2  
 Field Order # 17753 Station FRANKLIN Casing          Depth          State KS  
 Type Job 242/Perfor Square Formation          Legal Description 2-18s-32w

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME				
Casing Size	Tubing Size	Shots/Ft	Acid	RATE	PRESS	ISIP				
3 1/2	2 3/8						Max		5 Min.	
Depth 167	Depth 4260	From 4367	To 4370	Pre Pad			Min		10 Min.	
Volume 2.5	Volume 16.4	From	To	Pad			Avg		15 Min.	
Max Press 100	Max Press	From	To	Frac			HHP Used		Annulus Pressure	
Well Connection	Annulus Vol. 78	From	To				Gas Volume		Total Load	
Plug Depth	Packer Depth	From	To	Flush	Water					

Customer Representative		Station Manager		Treater			
Service Units	Driver Names	Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
92911	Darin Brier	9:00am	78982	19843	98690	19918	On location / Safety meeting
	Darin Brier						150s/c class job + 2% cc
							15.6 ppq, 1.20k oil, 5.24 wcp
							Loss casing
							Injection Rate
							Mix 150s/c class job + 2% cc
							Shut down
							Wash pump & line
							Reverse out longwe,
							Shut down
							Perforation longwe
							Shut down
							Job completed / Darin drove
							Thru reall!