Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1239898

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6044
Name: Stelbar Oil Corporation, Inc.
Address 1: 1625 N WATERFRONT PKWY
Address 2:
City: WICHITA State: KS Zip: 67206 + 6602
Contact Person: Roscoe L. Mendenhall / Ty Lunn
Phone: (316) 264-8378
CONTRACTOR: License # 6044
Name: Stelbar Oil Corporation, Inc.
Wellsite Geologist: Dave Goldak
Purchaser: N/A

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☑ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ 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 ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

11/10/2014	11/18/2014	11/19/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-171-21107-00-00
Spot Description:
NE - SW - SW - SW Sec. 8 Twp. 17 S. R. 32 ☐ East ☑ West
335 Feet from ☐ North / ☑ South Line of Section
425 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Scott
Lease Name: Winderlin Well #: 1-8
Field Name: Wildcat
Producing Formation: N/A
Elevation: Ground: 2976 Kelly Bushing: 2981
Total Vertical Depth: 4726 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 343 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: 36000 ppm Fluid volume: 800 bbls
Dewatering method used: Evaporated

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: 02/09/2015
☑ **Confidential Release Date:** 02/08/2017
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 02/10/2015

1239898

Operator Name: Stelbar Oil Corporation, Inc. Lease Name: Winderlin Well #: 1-8

Sec. 8 Twp. 17 S. R. 32 ☐ East ☑ West County: Scott

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.6250	23	343	Common	275	3% cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR.

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	Winderlin 1-8
Doc ID	1239898

All Electric Logs Run

Array Induction Shallow Focused Log
Compact Photo Density Compensated Neutron Microresistivity Log
Compensated Sonic w/Integrated Transit Time Log
Compensated Neutron Sonic Porosity Overlay Log
Microresistivity Log

Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	Winderlin 1-8
Doc ID	1239898

Tops

Name	Top	Datum
B/Anhydrive	2344	+637
Heebner	3926	-945
Lansing	3972	-991
Mun Cr Sh	4152	-1171
Stark Sh	4250	-1269
Hush Sh	4295	-1314
Marmaton	4374	-1393
Pawnee	4460	-1479
Cher Sh	4506	-1525
Lwr Ck Sh	4537	-1556
John Zone	4569	-1588
Mw Sh	4637	-1656
Miss	4658	-1677

Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	Winderlin 1-8
Doc ID	1239898

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.6250	23	343	Common	275	3% cc, 2% gel

GEOLOGIC REPORT

DAVID J. GOLDAK

WICHITA, KANSAS

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

Well Name:	**Winderlin #1-8**		
Location:	**Section 8 - T17S - R32W**		
License Number:	**API: 15-171-21107**	**Region:**	**Scott Co., KS**
Spud Date:	**11 / 10 / 2014**	**Drilling Completed:**	**11 / 19 / 2014**
Surface Coordinates:	**335' FSL and 425' FWL** **NE - SW - SW - SW**		
Bottom Hole Coordinates:			
Ground Elevation (ft):	**2976'**	**K.B. Elevation (ft):**	**2981'**
Logged Interval (ft):	**3700' To: 4726'**	**Total Depth (ft):**	**4726'**
Formation:	**Mississippian - St Louis**		
Type of Drilling Fluid:	**Chemical - Mud-Co**		

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: **155 N. Market, Suite 710**
Wichita, Kansas 67202

General Info

CONTRACTOR: WW Drilling, Rig #8

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	Smith-?	15-14-14	344	344	4.25
2	7-7/8	Smith-F27	15-14-14	4421	4077	118.50
2	7-7/8	Smith-F27	15-14-14	4726	305	25.25

SURVEYS: 344'-0.50, 4421'-0.50, 4726'-0.75

GENERAL DRILLING & PUMP INFORMATION:
Drilling with 7 stands of collars (6.25"x2.25"): 426.84'
Drilling with 35,000-36,000 lbs on bit and 80-85 RPM.
Pumping 57 S/M; 7.35 B/M; 800-900 psi at the standpipe.

Daily Status

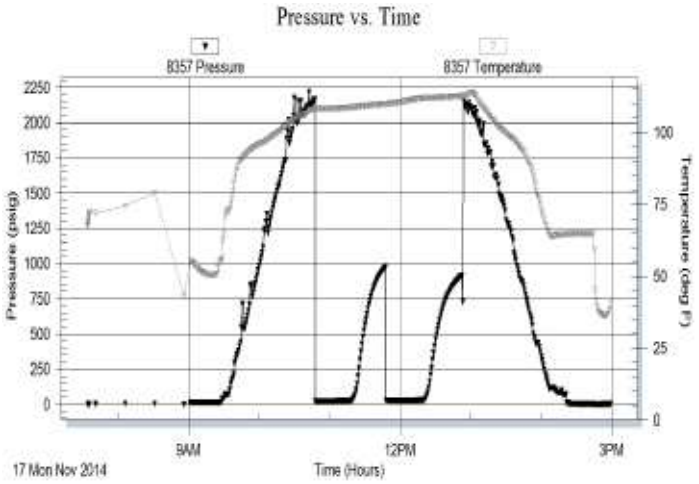
11/10/14 - Spud at 2:15 PM; Set 8-5/8" csg at 343'
11/11/14 - 394' Drilling
11/12/14 - 2,275' Drilling
11/13/14 - 3,030' Drilling; Displace mud @ 3,355'
11/14/14 - 3,488' Drilling
11/15/14 - 3,936' Drilling
11/16/14 - 4,250' Drilling; Short trip @ 4,272'
11/17/14 - 4,421' TOH for DST #1
11/18/14 - 4,564' Drilling; RTD 4,726' @ 10:35 PM
11/19/14 - 4,726' Logging

DST #1: 4,365' - 4,421' (Marmaton)
30" - 30" - 30" - 30"

IF: Surface blow building to 3/4 inch
ISI: No blow back
FF: No blow
FSI: No blow back

RECOVERY: 10' Total Fluid, consisting of:
10' OSM (100% M)
Sampler: 2000 ml OSM @ 125 psi

SIP: 980-918; FP: 19-24, 25-28; HP: 2162-2146; BHT: 113



ROCK TYPES

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

ACCESSORIES

MINERAL
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Slty

FOSSIL
- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

STRINGER
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

TEXTURE
- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY TYPE
- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING
- Well
- Moderate
- Poor

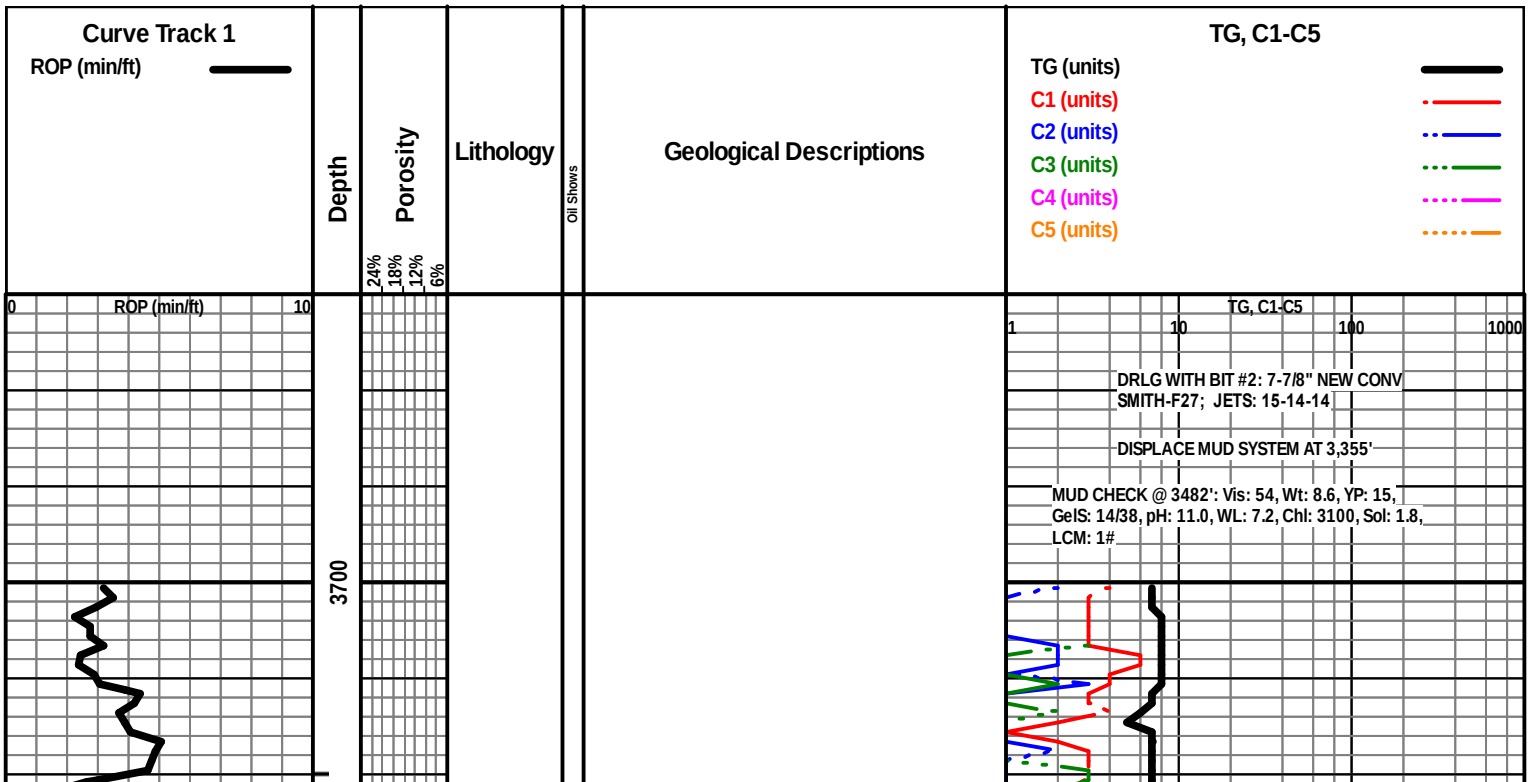
ROUNDING
- Rounded
- Subrnd
- Subang
- Angular

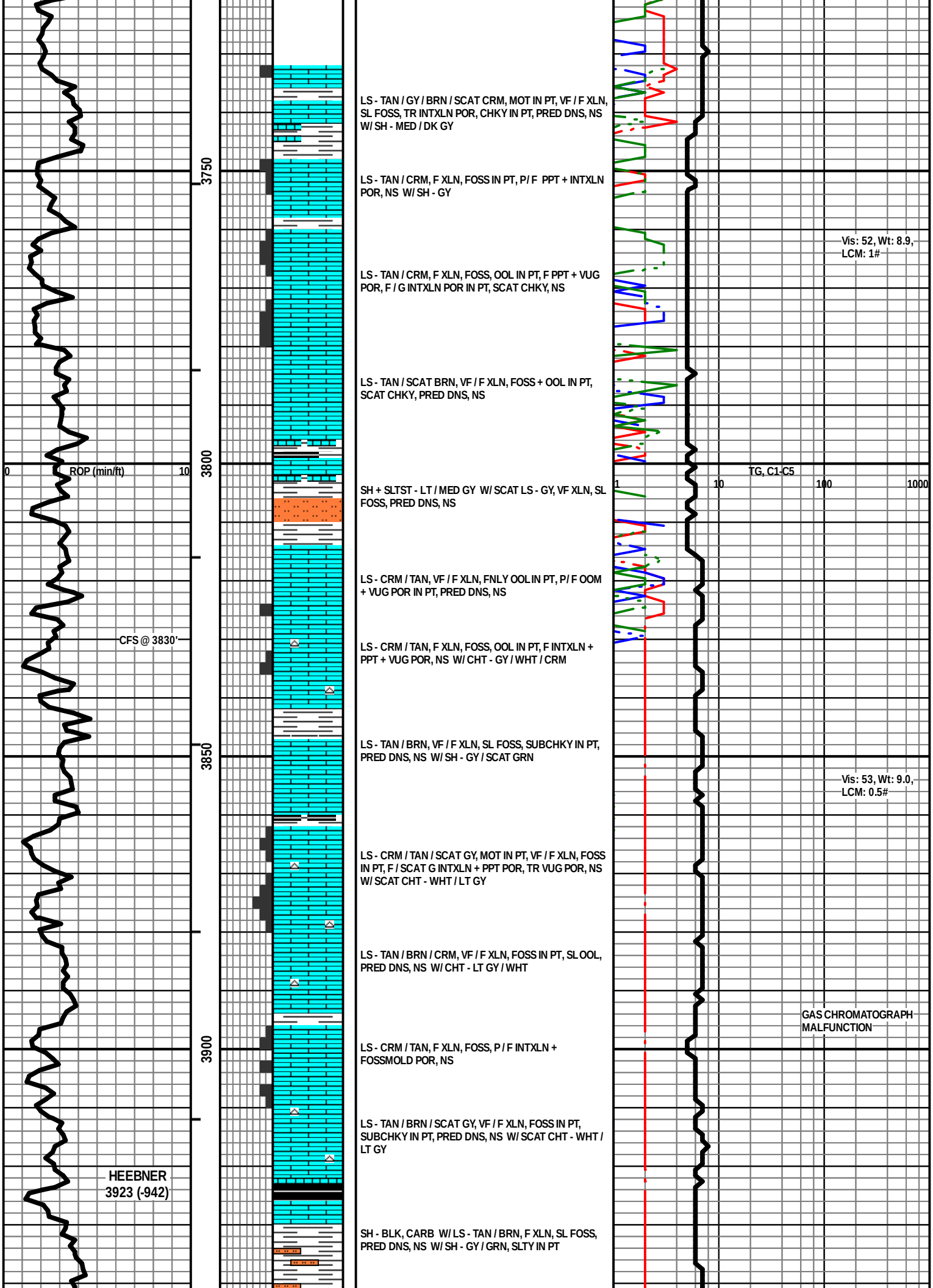
OIL SHOWS
- Even
- Spotted
- Ques
- Dead
- Gas show

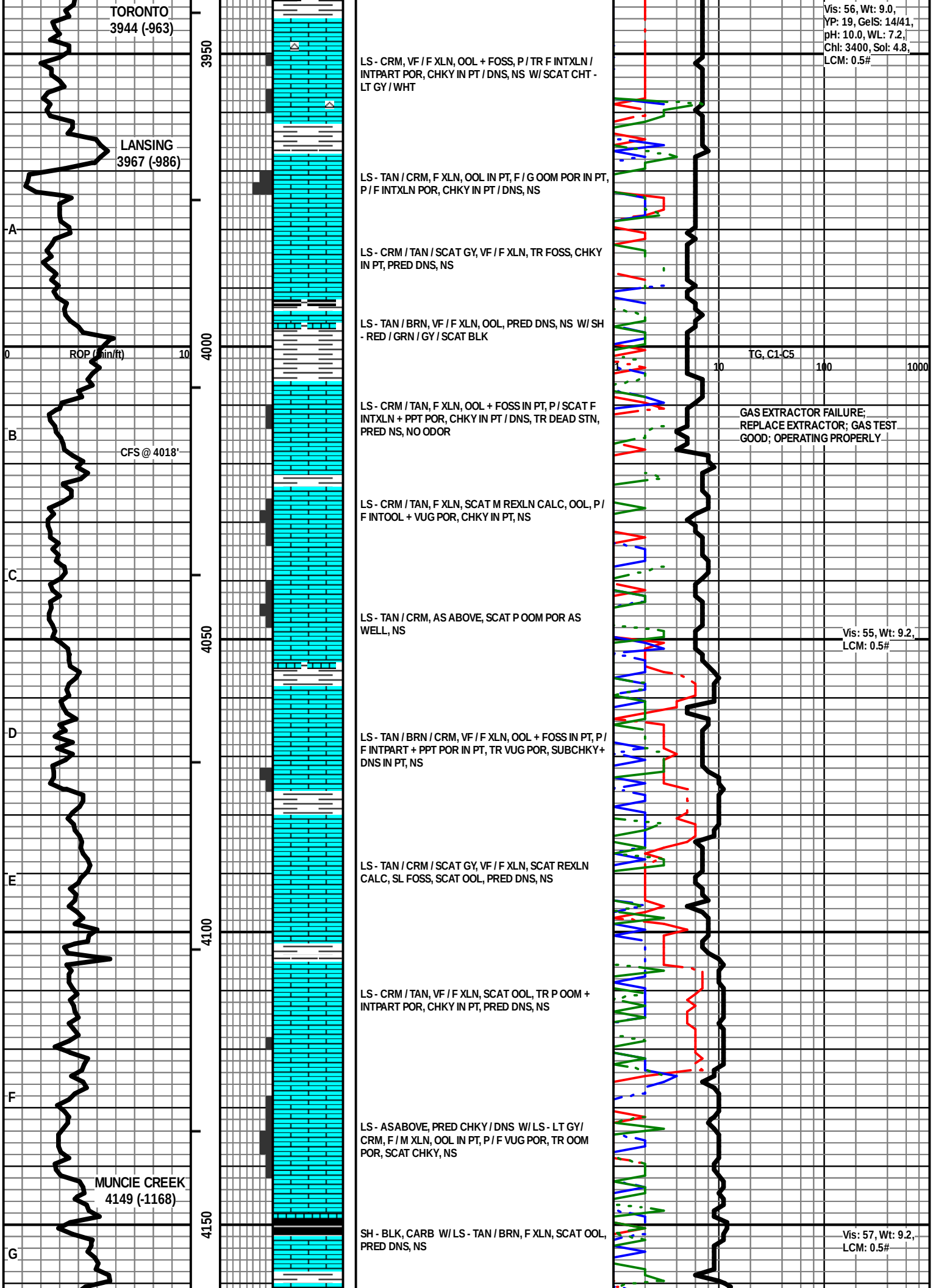
INTERVALS
- Core
- Dst

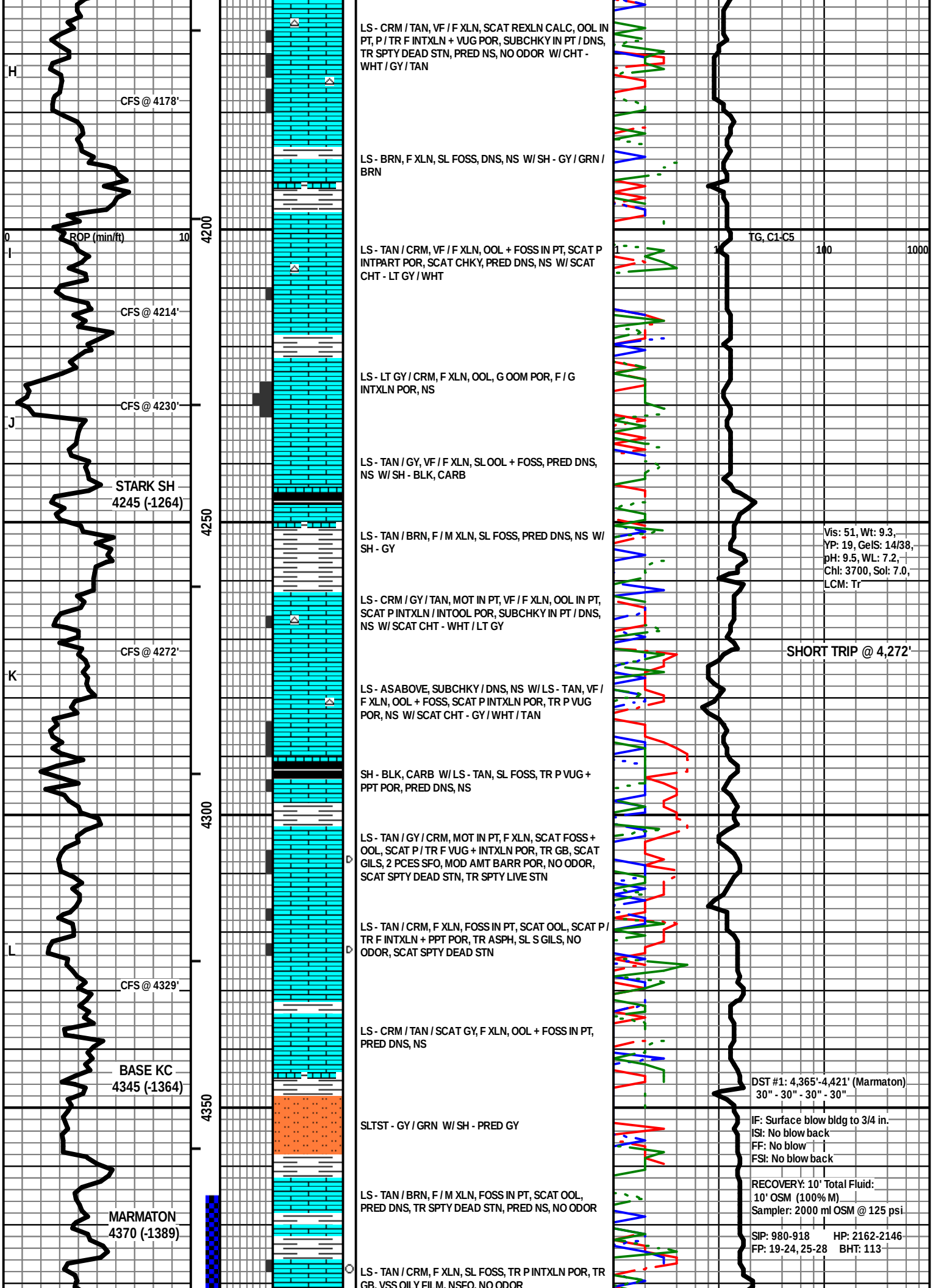
- Dst_1_t
- Dst_1_b
- Dst

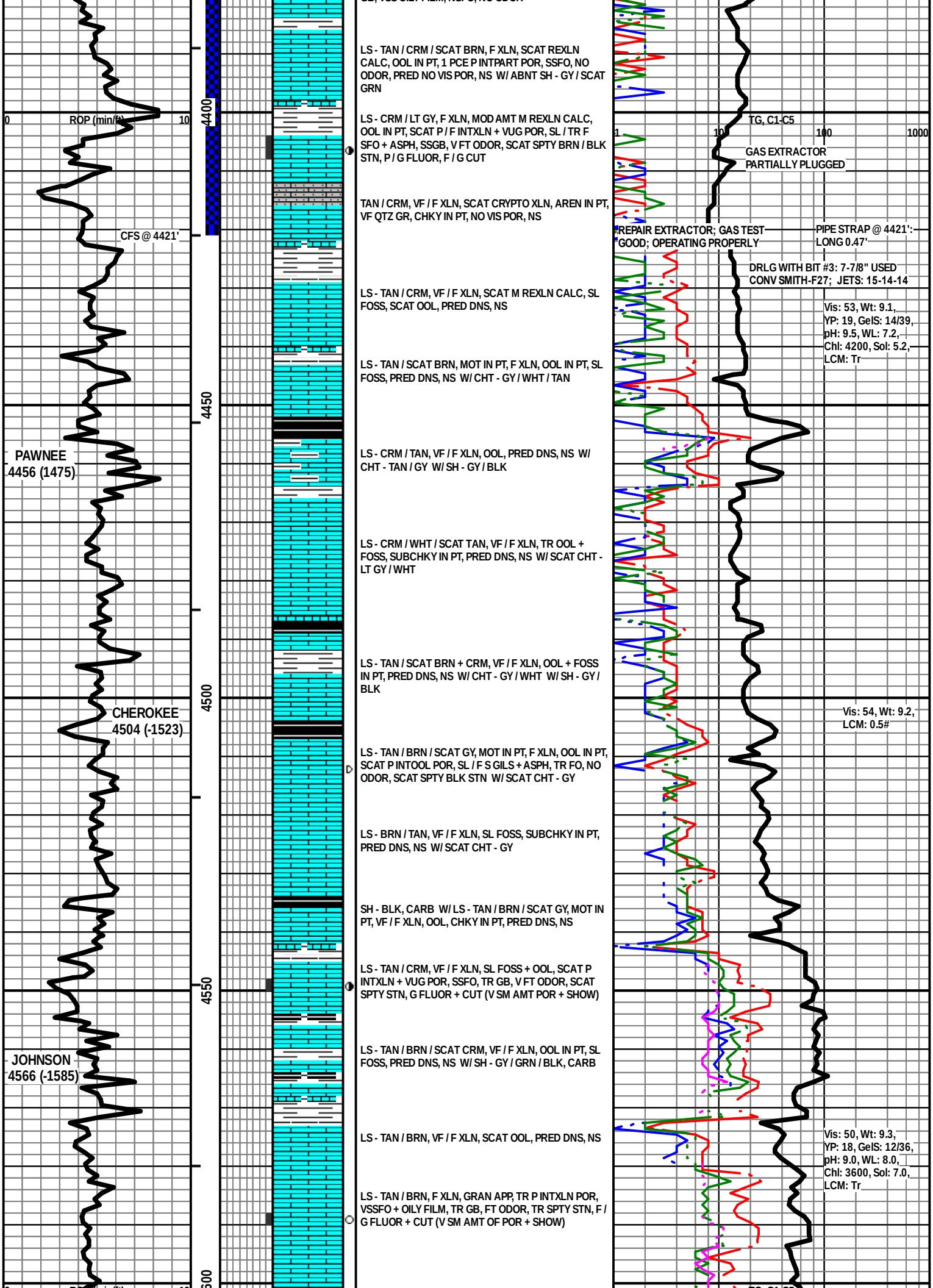
EVENTS
- Rft
- Sidewall
- Conn

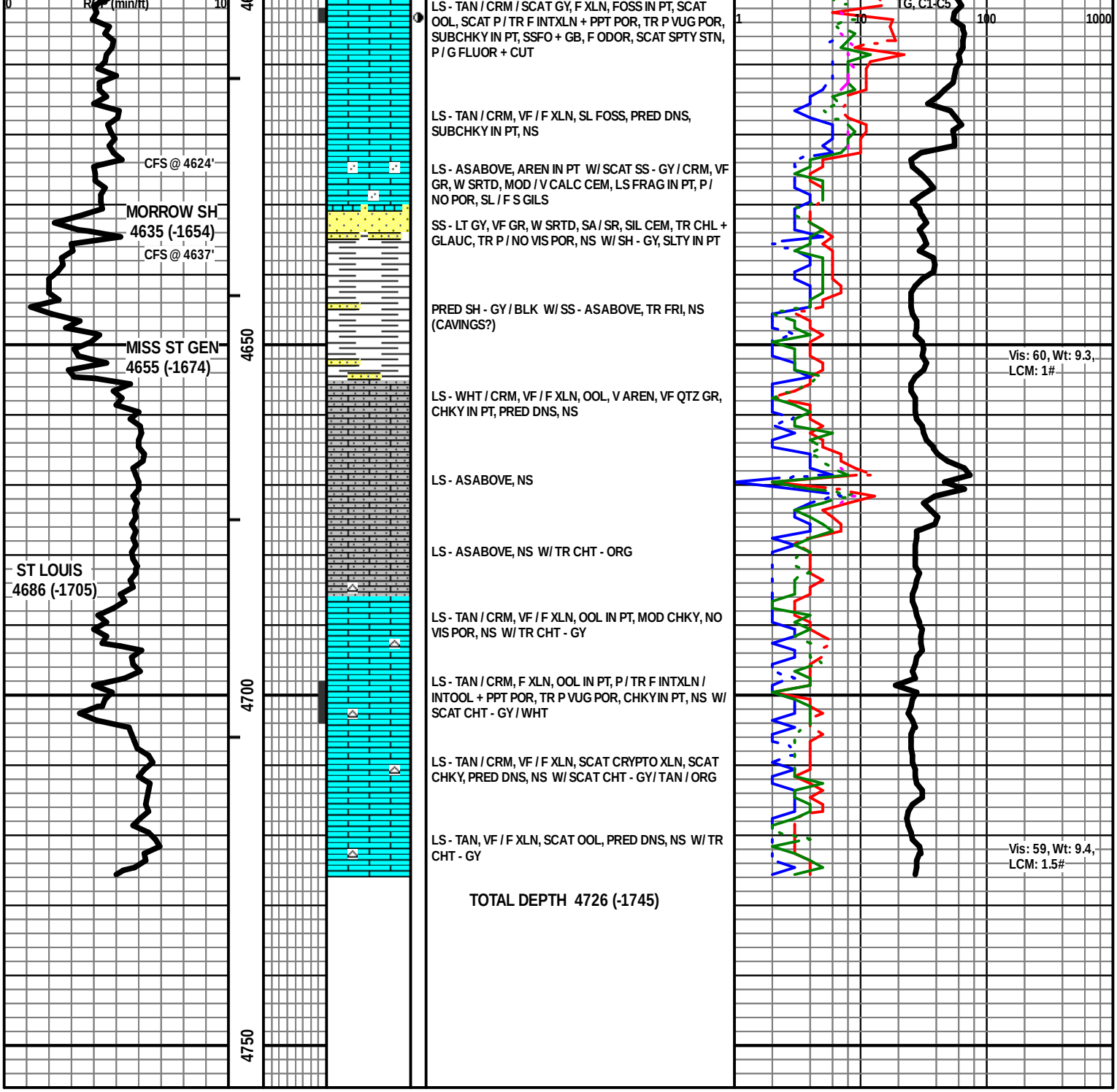



0
ROP (min/ft)
10
3750
3800
3850
3900
CFS @ 3830'
HEEBNER
3923 (-942)
LS - TAN / GY / BRN / SCAT CRM, MOT IN PT, VF / F XLN, SL FOSS, TR INTXLN POR, CHKY IN PT, PRED DNS, NS W/ SH - MED / DK GY
LS - TAN / CRM, F XLN, FOSS IN PT, P/ F PPT + INTXLN POR, NS W/ SH - GY
LS - TAN / CRM, F XLN, FOSS, OOL IN PT, F PPT + VUG POR, F / G INTXLN POR IN PT, SCAT CHKY, NS
LS - TAN / SCAT BRN, VF / F XLN, FOSS + OOL IN PT, SCAT CHKY, PRED DNS, NS
SH + SLTST - LT / MED GY W/ SCAT LS - GY, VF XLN, SL FOSS, PRED DNS, NS
LS - CRM / TAN, VF / F XLN, FNLY OOL IN PT, P/ F OOM + VUG POR IN PT, PRED DNS, NS
LS - CRM / TAN, F XLN, FOSS, OOL IN PT, F INTXLN + PPT + VUG POR, NS W/ CHT - GY / WHT / CRM
LS - TAN / BRN, VF / F XLN, SL FOSS, SUBCHKY IN PT, PRED DNS, NS W/ SH - GY / SCAT GRN
LS - CRM / TAN / SCAT GY, MOT IN PT, VF / F XLN, FOSS IN PT, F / SCAT G INTXLN + PPT POR, TR VUG POR, NS W/ SCAT CHT - WHT / LT GY
LS - TAN / BRN / CRM, VF / F XLN, FOSS IN PT, SL OOL, PRED DNS, NS W/ CHT - LT GY / WHT
LS - CRM / TAN, F XLN, FOSS, P / F INTXLN + FOSSMOLD POR, NS
LS - TAN / BRN / SCAT GY, VF / F XLN, FOSS IN PT, SUBCHKY IN PT, PRED DNS, NS W/ SCAT CHT - WHT / LT GY
SH - BLK, CARB W/ LS - TAN / BRN, F XLN, SL FOSS, PRED DNS, NS W/ SH - GY / GRN, SLTY IN PT
Vis: 52, Wt: 8.9, LCM: 1#
TG, C1-C5
1
10
100
1000
Vis: 53, Wt: 9.0, LCM: 0.5#
GAS CHROMATOGRAPH MALFUNCTION


TORONTO
3944 (-963)
LANSING
3967 (-986)
A
B
C
D
E
F
G
MUNCIE CREEK
4149 (-1168)
3950
4000
4050
4100
4150
0
ROP (min/ft)
10
CFS @ 4018'
LS - CRM, VF / F XLN, OOL + FOSS, P / TR F INTXLN / INTPART POR, CHKY IN PT / DNS, NS W/ SCAT CHT - LT GY / WHT
LS - TAN / CRM, F XLN, OOL IN PT, F / G OOM POR IN PT, P / F INTXLN POR, CHKY IN PT / DNS, NS
LS - CRM / TAN / SCAT GY, VF / F XLN, TR FOSS, CHKY IN PT, PRED DNS, NS
LS - TAN / BRN, VF / F XLN, OOL, PRED DNS, NS W/ SH - RED / GRN / GY / SCAT BLK
LS - CRM / TAN, F XLN, OOL + FOSS IN PT, P / SCAT F INTXLN + PPT POR, CHKY IN PT / DNS, TR DEAD STN, PRED NS, NO ODOR
LS - CRM / TAN, F XLN, SCAT M REXLN CALC, OOL, P / F INTOOL + VUG POR, CHKY IN PT, NS
LS - TAN / CRM, AS ABOVE, SCAT P OOM POR AS WELL, NS
LS - TAN / BRN / CRM, VF / F XLN, OOL + FOSS IN PT, P / F INTPART + PPT POR IN PT, TR VUG POR, SUBCHKY+ DNS IN PT, NS
LS - TAN / CRM / SCAT GY, VF / F XLN, SCAT REXLN CALC, SL FOSS, SCAT OOL, PRED DNS, NS
LS - CRM / TAN, VF / F XLN, SCAT OOL, TR P OOM + INTPART POR, CHKY IN PT, PRED DNS, NS
LS - AS ABOVE, PRED CHKY / DNS W/ LS - LT GY / CRM, F / M XLN, OOL IN PT, P / F VUG POR, TR OOM POR, SCAT CHKY, NS
SH - BLK, CARB W/ LS - TAN / BRN, F XLN, SCAT OOL, PRED DNS, NS
Vis: 56, Wt: 9.0, YP: 19, GelS: 14/41, pH: 10.0, WL: 7.2, Chl: 3400, Sol: 4.8, LCM: 0.5#
TG, C1-C5
1
10
100
1000
GAS EXTRACTOR FAILURE; REPLACE EXTRACTOR; GAS TEST GOOD; OPERATING PROPERLY
Vis: 55, Wt: 9.2, LCM: 0.5#
Vis: 57, Wt: 9.2, LCM: 0.5#


H
CFS @ 4178'
I
CFS @ 4214'
CFS @ 4230'
J
STARK SH
4245 (-1264)
K
CFS @ 4272'
L
CFS @ 4329'
BASE KC
4345 (-1364)
MARMATON
4370 (-1389)
4200
4250
4300
4350
0
ROP (min/ft)
10
TG, C1-C5
1
10
100
1000
LS - CRM / TAN, VF / F XLN, SCAT REXLN CALC, OOL IN PT, P / TR F INTXLN + VUG POR, SUBCHKY IN PT / DNS, TR SPTY DEAD STN, PRED NS, NO ODOR W/ CHT - WHT / GY / TAN
LS - BRN, F XLN, SL FOSS, DNS, NS W/ SH - GY / GRN / BRN
LS - TAN / CRM, VF / F XLN, OOL + FOSS IN PT, SCAT P INTPART POR, SCAT CHKY, PRED DNS, NS W/ SCAT CHT - LT GY / WHT
LS - LT GY / CRM, F XLN, OOL, G OOM POR, F / G INTXLN POR, NS
LS - TAN / GY, VF / F XLN, SL OOL + FOSS, PRED DNS, NS W/ SH - BLK, CARB
LS - TAN / BRN, F / M XLN, SL FOSS, PRED DNS, NS W/ SH - GY
LS - CRM / GY / TAN, MOT IN PT, VF / F XLN, OOL IN PT, SCAT P INTXLN / INTOOL POR, SUBCHKY IN PT / DNS, NS W/ SCAT CHT - WHT / LT GY
LS - AS ABOVE, SUBCHKY / DNS, NS W/ LS - TAN, VF / F XLN, OOL + FOSS, SCAT P INTXLN POR, TR P VUG POR, NS W/ SCAT CHT - GY / WHT / TAN
SH - BLK, CARB W/ LS - TAN, SL FOSS, TR P VUG + PPT POR, PRED DNS, NS
LS - TAN / GY / CRM, MOT IN PT, F XLN, SCAT FOSS + OOL, SCAT P / TR F VUG + INTXLN POR, TR GB, SCAT GILS, 2 PCES SFO, MOD AMT BARR POR, NO ODOR, SCAT SPTY DEAD STN, TR SPTY LIVE STN
LS - TAN / CRM, F XLN, FOSS IN PT, SCAT OOL, SCAT P / TR F INTXLN + PPT POR, TR ASPH, SL S GILS, NO ODOR, SCAT SPTY DEAD STN
LS - CRM / TAN / SCAT GY, F XLN, OOL + FOSS IN PT, PRED DNS, NS
SLTST - GY / GRN W/ SH - PRED GY
LS - TAN / BRN, F / M XLN, FOSS IN PT, SCAT OOL, PRED DNS, TR SPTY DEAD STN, PRED NS, NO ODOR
LS - TAN / CRM, F XLN, SL FOSS, TR P INTXLN POR, TR GB, VSS OIL Y FIL M, NSFO, NO ODOR
Vis: 51, Wt: 9.3,
YP: 19, GelS: 14/38,
pH: 9.5, WL: 7.2,
Chl: 3700, Sol: 7.0,
LCM: Tr
SHORT TRIP @ 4,272'
DST #1: 4,365'-4,421' (Marmaton)
30" - 30" - 30" - 30"
IF: Surface blow bldg to 3/4 in.
ISI: No blow back
FF: No blow
FSI: No blow back
RECOVERY: 10' Total Fluid:
10' OSM (100% M)
Sampler: 2000 ml OSM @ 125 psi
SIP: 980-918 HP: 2162-2146
FP: 19-24, 25-28 BHT: 113


0
ROP (min/ft)
10
4400
CFS @ 4421'
4450
PAWNEE
4456 (1475)
4500
CHEROKEE
4504 (-1523)
4550
JOHNSON
4566 (-1585)
4600
LS - TAN / CRM / SCAT BRN, F XLN, SCAT REXLN CALC, OOL IN PT, 1 PCE P INTPART POR, SSFO, NO ODOR, PRED NO VIS POR, NS W/ ABNT SH - GY / SCAT GRN
LS - CRM / LT GY, F XLN, MOD AMT M REXLN CALC, OOL IN PT, SCAT P / F INTXLN + VUG POR, SL / TR F SFO + ASPH, SSGB, V FT ODOR, SCAT SPTY BRN / BLK STN, P / G FLUOR, F / G CUT
TAN / CRM, VF / F XLN, SCAT CRYPTO XLN, AREN IN PT, VF QTZ GR, CHKY IN PT, NO VIS POR, NS
LS - TAN / CRM, VF / F XLN, SCAT M REXLN CALC, SL FOSS, SCAT OOL, PRED DNS, NS
LS - TAN / SCAT BRN, MOT IN PT, F XLN, OOL IN PT, SL FOSS, PRED DNS, NS W/ CHT - GY / WHT / TAN
LS - CRM / TAN, VF / F XLN, OOL, PRED DNS, NS W/ CHT - TAN / GY W/ SH - GY / BLK
LS - CRM / WHT / SCAT TAN, VF / F XLN, TR OOL + FOSS, SUBCHKY IN PT, PRED DNS, NS W/ SCAT CHT - LT GY / WHT
LS - TAN / SCAT BRN + CRM, VF / F XLN, OOL + FOSS IN PT, PRED DNS, NS W/ CHT - GY / WHT W/ SH - GY / BLK
LS - TAN / BRN / SCAT GY, MOT IN PT, F XLN, OOL IN PT, SCAT P INTOOL POR, SL / F S GILS + ASPH, TR FO, NO ODOR, SCAT SPTY BLK STN W/ SCAT CHT - GY
LS - BRN / TAN, VF / F XLN, SL FOSS, SUBCHKY IN PT, PRED DNS, NS W/ SCAT CHT - GY
SH - BLK, CARB W/ LS - TAN / BRN / SCAT GY, MOT IN PT, VF / F XLN, OOL, CHKY IN PT, PRED DNS, NS
LS - TAN / CRM, VF / F XLN, SL FOSS + OOL, SCAT P INTXLN + VUG POR, SSFO, TR GB, V FT ODOR, SCAT SPTY STN, G FLUOR + CUT (V SM AMT POR + SHOW)
LS - TAN / BRN / SCAT CRM, VF / F XLN, OOL IN PT, SL FOSS, PRED DNS, NS W/ SH - GY / GRN / BLK, CARB
LS - TAN / BRN, VF / F XLN, SCAT OOL, PRED DNS, NS
LS - TAN / BRN, F XLN, GRAN APP, TR P INTXLN POR, VSSFO + OILY FILM, TR GB, FT ODOR, TR SPTY STN, F / G FLUOR + CUT (V SM AMT OF POR + SHOW)
TG, C1-C5
1
10
100
1000
GAS EXTRACTOR PARTIALLY PLUGGED
REPAIR EXTRACTOR; GAS TEST GOOD; OPERATING PROPERLY
PIPE STRAP @ 4421': LONG 0.47'
DRLG WITH BIT #3: 7-7/8" USED CONV SMITH-F27; JETS: 15-14-14
Vis: 53, Wt: 9.1, YP: 19, GelS: 14/39, pH: 9.5, WL: 7.2, Chl: 4200, Sol: 5.2, LCM: Tr
Vis: 54, Wt: 9.2, LCM: 0.5#
Vis: 50, Wt: 9.3, YP: 18, GelS: 12/36, pH: 9.0, WL: 8.0, Chl: 3600, Sol: 7.0, LCM: Tr


0
ROP (min/ft)
10
CFS @ 4624'
MORROW SH
4635 (-1654)
CFS @ 4637'
MISS ST GEN
4655 (-1674)
ST LOUIS
4686 (-1705)
4650
4700
4750
LS - TAN / CRM / SCAT GY, F XLN, FOSS IN PT, SCAT OOL, SCAT P / TR F INTXLN + PPT POR, TR P VUG POR, SUBCHKY IN PT, SSFO + GB, F ODOR, SCAT SPTY STN, P / G FLUOR + CUT
LS - TAN / CRM, VF / F XLN, SL FOSS, PRED DNS, SUBCHKY IN PT, NS
LS - ASABOVE, AREN IN PT W/ SCAT SS - GY / CRM, VF GR, W SRTD, MOD / V CALC CEM, LS FRAG IN PT, P / NO POR, SL / F S GILS
SS - LT GY, VF GR, W SRTD, SA / SR, SIL CEM, TR CHL + GLAUC, TR P / NO VIS POR, NS W/ SH - GY, SLTY IN PT
PRED SH - GY / BLK W/ SS - ASABOVE, TR FRI, NS (CAVINGS?)
LS - WHT / CRM, VF / F XLN, OOL, V AREN, VF QTZ GR, CHKY IN PT, PRED DNS, NS
LS - ASABOVE, NS
LS - ASABOVE, NS W/ TR CHT - ORG
LS - TAN / CRM, VF / F XLN, OOL IN PT, MOD CHKY, NO VIS POR, NS W/ TR CHT - GY
LS - TAN / CRM, F XLN, OOL IN PT, P / TR F INTXLN / INTOOL + PPT POR, TR P VUG POR, CHKY IN PT, NS W/ SCAT CHT - GY / WHT
LS - TAN / CRM, VF / F XLN, SCAT CRYPTO XLN, SCAT CHKY, PRED DNS, NS W/ SCAT CHT - GY/ TAN / ORG
LS - TAN, VF / F XLN, SCAT OOL, PRED DNS, NS W/ TR CHT - GY
TOTAL DEPTH 4726 (-1745)
1
10
100
1000
TG, C1-C5
Vis: 60, Wt: 9.3, LCM: 1#
Vis: 59, Wt: 9.4, LCM: 1.5#

DRILL STEM TEST REPORT

Stelbar Oil Corp.

1625 N. Waterfront Pkwy.
Wichita, KS 67206

ATTN: Dave Goldak

S8-17s-32w Scott/Ks

Winderlin #1-8

Job Ticket: 59192 **DST#: 1**

Test Start: 2014.11.17 @ 07:34:00

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:47:50
Time Test Ended: 14:59:50

Test Type: Conventional Bottom Hole (Initial)
Tester: Chuck Smith
Unit No: 61

Interval: 4365.00 ft (KB) To 4421.00 ft (KB) (TVD)
Total Depth: 4421.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

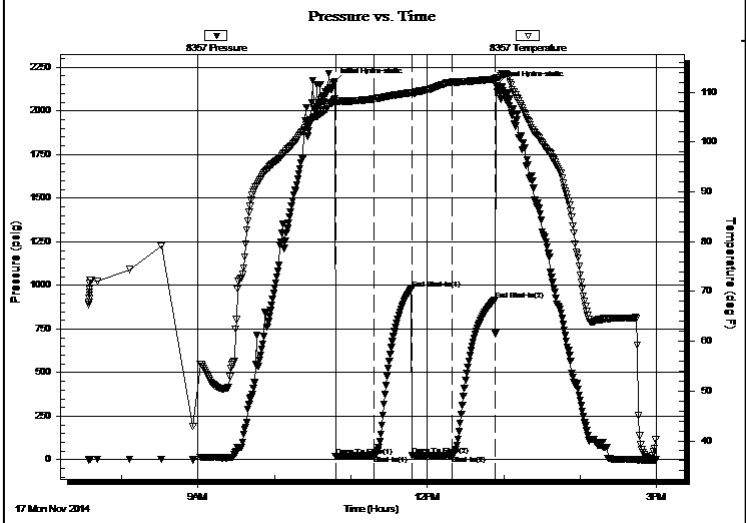
Reference Elevations: 2981.00 ft (KB)
2976.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8357 **Inside**

Press@RunDepth: 28.14 psig @ 4368.00 ft (KB)
Start Date: 2014.11.17 End Date: 2014.11.17
Start Time: 07:34:02 End Time: 14:59:50

Capacity: 8000.00 psig
Last Calib.: 2014.11.17
Time On Btm: 2014.11.17 @ 10:46:20
Time Off Btm: 2014.11.17 @ 12:54:09

TEST COMMENT: 30- 3/4" Blow.
30- No return.
30- No blow.
30- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2162.12	108.11	Initial Hydro-static
2	19.14	108.17	Open To Flow (1)
32	23.85	108.65	Shut-In(1)
62	980.18	109.89	End Shut-In(1)
62	24.57	109.63	Open To Flow (2)
94	28.14	112.00	Shut-In(2)
127	917.90	112.60	End Shut-In(2)
128	2146.03	112.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OSM 100m	0.05

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.

1625 N. Waterfront Pkwy.
Wichita, KS 67206

ATTN: Dave Goldak

S8-17s-32w Scott/Ks

Winderlin #1-8

Job Ticket: 59192 **DST#: 1**

Test Start: 2014.11.17 @ 07:34:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4200.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OSM 100m	0.049

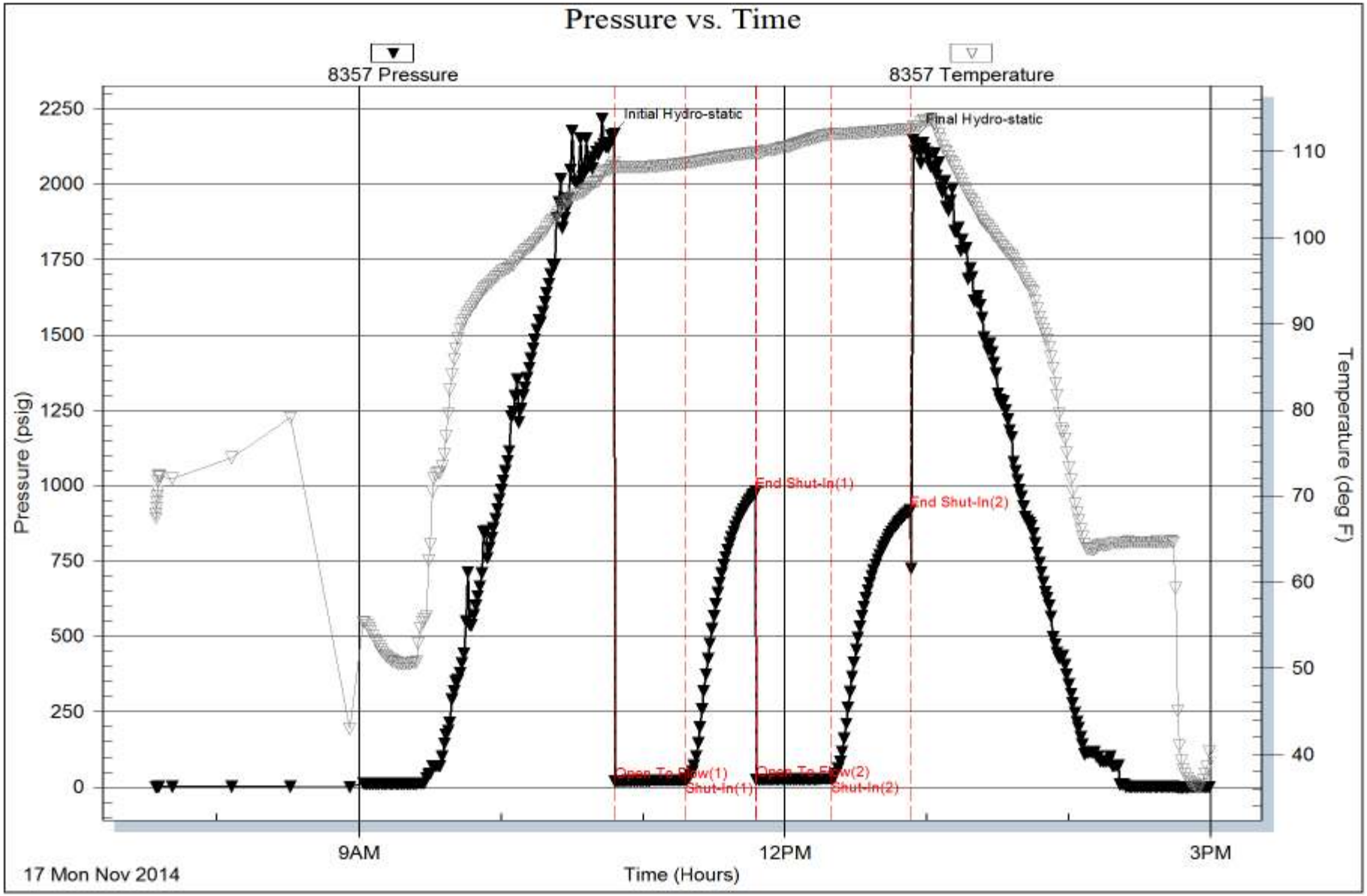
Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler: 2000 ML Mud 2000 ML Total volume. 125 PSI

Serial #: 8357 **Inside** Stelbar Oil Corp. Winderlin #1-8 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 59192 Printed: 2014.11.17 @ 16:00:59

CONSOLIDATED Oil Well Services, LLC

8/11

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

INVOICE#802035

TICKET NUMBER 47736 817
LOCATION Oakley KS
FOREMAN Kelly Gabel

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-10-14	7396	winderlin 1-8	8	17	32	Scott

CUSTOMER: Stelbar oil
MAILING ADDRESS:
CITY: STATE: ZIP CODE:

Oakley 5 to 468384 19 15

TRUCK #	DRIVER	TRUCK #	DRIVER
399	Jordan		
460	Lance		
	collin		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 344 CASING SIZE & WEIGHT 8 5/8 24#
CASING DEPTH 344 DRILL PIPE TUBING OTHER
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 20'
DISPLACEMENT 20 1/2 DISPLACEMENT PSI MIX PSI RATE

REMARKS: safety meeting, rig up on well #8 break circulation mix 275 sks com3%cc 2%gel displace with bbl water shut in

Cement did circulate

Thank You
Kelly & Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE	1150.00	1150.00
5406	35 mi	MILEAGE	5.25	183.75
5407A	12.92	Ton mileage delivery	1.75	791.96
11045	275 sks	Class A cement	18.55	5101.25
1102	776#	calcium chloride	.94	729.44
1118B	517#	Bentonite	.27	139.59
			Sub	8095.99
			less 10%	809.60
			total	7286.39
			SALES TAX	437.93
			ESTIMATED TOTAL	7723.32

Ravin 3737

AUTHORIZTION [signature] TITLE DATE 11-10-14

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

1180 1163 1179

CONSOLIDATED
Oil Well Services, LLC

Invoice #802314

TICKET NUMBER 47792
LOCATION Oakley KS
FOREMAN Dane Retzloff

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/A/14	7396	Winderlin # 1-8	8	17	32	Scott KS

CUSTOMER: Stelbar

MAILING ADDRESS:

CITY | STATE | ZIP CODE:

Oakley South to Hwy 4 East 1 Mile southinto

TRUCK #	DRIVER	TRUCK #	DRIVER
456	Jorden		
397	Bill		

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4726 CASING SIZE & WEIGHT
CASING DEPTH DRILL PIPE 4.5 TUBING OTHER
SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk 6.7 CEMENT LEFT in CASING
DISPLACEMENT DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting. Rig up. Plug as ordered.

2370 50 SKS
1440 80 SKS
750 40 SKS
360 50 SKS
60 20 SKS
Pothole 30 SKS
270 SKS 60/40 4% gel .25 Flo.

Thanks Dane + crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1395.00	1395.00
5406	45	MILEAGE	5.25	236.25
5407	11.61	Ton Mileage Delivery	1.75	914.28
1131	270 SKS	60/40 Poz mix	15.86	4282.20
1118B	928	Bentonite	.27	250.56
1107	68	Flo Seal	2.97	201.96
4432	1	8 5/8 wooden Plug	100.25	100.25
			Sub	7136.44
			less 10%	713.05
			Total	6417.39
			SALES TAX	336.30
			ESTIMATED TOTAL	6753.70

Ravin 3737

AUTHORIZTION TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.