



**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       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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

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

API No. 15 - \_\_\_\_\_

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1128938

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	Chain Ranch 'C' 1
Doc ID	1128938

All Electric Logs Run

Compensated Density Neutron Log
Dual Induction Log
Sonic Log
Microlog



# ALLIED CEMENTING CO., LLC. 8118

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT  
*Medicine Lodge*

DATE <u>3-4-13</u>	SEC <u>7</u>	TWP <u>31S</u>	RANGE <u>11W</u>	CALLED OUT <u>12:00AM</u>	ON LOCATION <u>3:00AM</u>	JOB START <u>9:00</u>	JOB FINISH <u>10:30AM</u>
LEAS <u>Chain Ranch</u>		WELL # <u>C1</u>	LOCATION <u>N on Isabel Rd. to Axline Hill</u>		COUNTY <u>Osage</u>	STATE <u>KS.</u>	
OLD OR NEW (Circle one) <u>NEW</u>		LOCATION <u>at Bottom of Hill (Go W, Curves, W, then N to Rig</u>					

CONTRACTOR Pickrell  
 TYPE OF JOB Production  
 HOLE SIZE 7 7/8 T.D. 4839  
 CASING SIZE 5 1/2 DEPTH 4839  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 1500 psi MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 42.27  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 118 Bbls  
 EQUIPMENT \_\_\_\_\_

OWNER White Exploration  
 CEMENT  
 AMOUNT ORDERED 190 sk class "A" ASF + 5# Kalseal + 5% FI-160

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC		<u>190 @ 20.90</u>	<u>3,971.00</u>
<u>Kalseal</u>		<u>5 @ .98</u>	<u>4.90</u>
<u>FI-160</u>		<u>90 @ 18.90</u>	<u>1,701.00</u>
<u>ASF</u>		<u>12 @ 58.70</u>	<u>704.40</u>
	@		
	@		
	@		
	@		
HANDLING	@	<u>244.47</u>	<u>2.48</u>
MILEAGE		<u>10.63 x 5 x 2.60</u>	<u>138.28</u>
TOTAL			<u>8,052.02</u>

PUMP TRUCK CEMENTER Bon Gilley  
 # 360-265 HELPER David Felio  
 BULK TRUCK  
 # 364 DRIVER Jason Otto  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:  
See Cement Log

SERVICE

DEPTH OF JOB	<u>4839'</u>		
PUMP TRUCK CHARGE			<u>2,765.75</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>5 @ 7.70</u>		<u>38.50</u>
MANIFOLD & Head	@		<u>275.00</u>
Light Veh.	<u>5 @ 4.40</u>		<u>22.00</u>
	@		
TOTAL			<u>3,101.25</u>

CHARGE TO: White Exploration  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

5 1/2 PLUG & FLOAT EQUIPMENT

<u>825' Scratchers</u>		<u>138.06</u>	<u>3457.50</u>
<u>6 Centralizers</u>	@	<u>57.33</u>	<u>343.98</u>
<u>1 Bucket</u>	@		<u>399.29</u>
<u>1 Hatch Down Plug</u>	@	<u>324.09</u>	<u>324.09</u>
<u>1 AFU Float Shoe</u>	@	<u>636.18</u>	<u>636.18</u>
	@		
TOTAL			<u>5,150.94</u>

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) # \_\_\_\_\_  
 TOTAL CHARGES \$16,303.61  
 DISCOUNT 35% IF PAID IN 30 DAYS

PRINTED NAME Tony Band  
 SIGNATURE [Signature]  
White Exploration

Net \$10597.35

Attached to ACO-1 Form for  
White Exploration, Inc.  
Chain Ranch "C" #1  
2310' FSL and 2385' FWL  
Section 7-31S-11W  
Barber County, Kansas  
API# 15-007-23990-00-00

Surface Casing Cement

Cemented with 220 sacks 60/40 Poz Mix, 2% gel, 3% CC.

Production Casing Cement

Cemented with 140 sacks of ASC Cement with 10% salt, 2% gel, 5# Kolseal/sack and .5% FL-160 and ¼# Floseal.

Plugged Rat Hole with 30 sacks and Mouse Hole with 20 sacks. Job by Allied.

Acid and Fracture Treatment

Acidize with 100 gallons of 10% MCA Acid and with 2000 gallons of 10% NE/FE acid

Fracked with 266,390 gallons of slick water with 159,100# of 30/50 sand and 11,500# of 16/30 Resin Coated Sand

# GEOLOGIC REPORT

## DAVID J. GOLDAK

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

Well Name: Chain Ranch 'C' #1  
Location: Section 7 - T31S - R11W  
License Number: API: 15-007-23990  
Spud Date: 02 / 19 / 2013  
Surface Coordinates: 2310' FSL and 2385' FWL  
Approx. NE - NE - SW

Region: Barber Co., KS  
Drilling Completed: 03 / 03 / 2013

Bottom Hole  
Coordinates:  
Ground Elevation (ft): 1671'                      K.B. Elevation (ft): 1681'  
Logged Interval (ft): 3500'                      To: 4839'                      Total Depth (ft): 4839'  
Formation: Simpson  
Type of Drilling Fluid: Chemical - Mud-Co

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

### OPERATOR

Company: White Exploration, Inc.  
Address: 1635 N. Waterfront Pkwy, Suite 100  
Wichita, Kansas 67206

### GEOLOGIST

Name: David J. Goldak  
Company: D. J. GOLDAK, INC.  
Address: 155 N. Market, Suite 710  
Wichita, Kansas 67202

### General Info

CONTRACTOR: Pickrell Drilling, Rig #1

#### BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	JZ-?-RR	3-15s	313	313	4.00
2	7-7/8	JZ-ENP0123	3-14s	4839	4526	112.25

SURVEYS: 313'-0.75, 1335'-1.5, 1997'-1.0, 2535'-1.0,  
3293'-1.0, 4839'-1.0

#### GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 36,000-38,000 lbs. on bit and 75-80 RPM.  
Pumping 56 S/M, 7.2 B/M, and 1000 psi at standpipe.



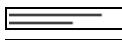

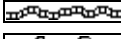



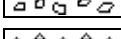


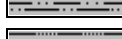
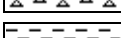



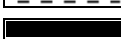




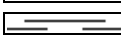
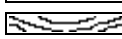
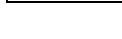

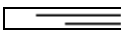




## Daily Status

02/19/13 - Spud @ 6:30 PM; Set 8-5/8" Csg at 310'  
 02/20/13 - 313' Shut-down due to winter storm  
 02/21/13 - 313' Down  
 02/22/13 - 313' Down  
 02/23/13 - 313' Down; Resume drilling @ 10:30 AM  
 02/24/13 - 1,715' Drilling  
 02/25/13 - 2,490' Drilling; Shut-down @ 9:00 AM due to storm  
 02/26/13 - 2,535' Down  
 02/27/13 - 2,535' Preparing to resume drilling  
 02/28/13 - 3,250' Drilling; Displace mud @ 3,450'  
 03/01/13 - 3,995' Drilling  
 03/02/13 - 4,505' Drilling  
 03/03/13 - 4,839' TOH for logging






















































































## DSTs

None

## ROCK TYPES

 Anhy	 Gyp	 Shgy	 Sandylms
 Bent	 Igne	 Sltst	 Shale
 Brec	 Lmst	 Ss	 Sltstn
 Cht	 Meta	 Till	 Shlyslts
 Clyst	 Mrlst	 Carb sh	 Sltysh
 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	<b>FOSSIL</b>	 Oomold	<b>TEXTURE</b>
 Dol	 Algae		 Boundst
 Feldspar	 Amph	<b>STRINGER</b>	 Chalky
 Ferrpel	 Belm	 Anhy	 Cryxln
 Ferr	 Bioclst	 Arg	 Earthy
 Glau	 Brach	 Bent	 Finexln
 Gyp	 Bryozoa	 Coal	 Grainst
 Hvmin	 Cephal	 Dol	 Lithogr
 Kaol	 Coral	 Ls	 Microxln
 Marl	 Crin	 Mrst	 Mudst
 Minxl	 Echin	 Sltstrg	 Packst
 Nodule	 Fish	 Ssstrg	 Wackest
 Phos	 Foram	 Carbsh	
 Pyr			



### OTHER SYMBOLS

#### POROSITY TYPE

- E Earthy
- F Fenest
- F Fracture
- X Inter
- / 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

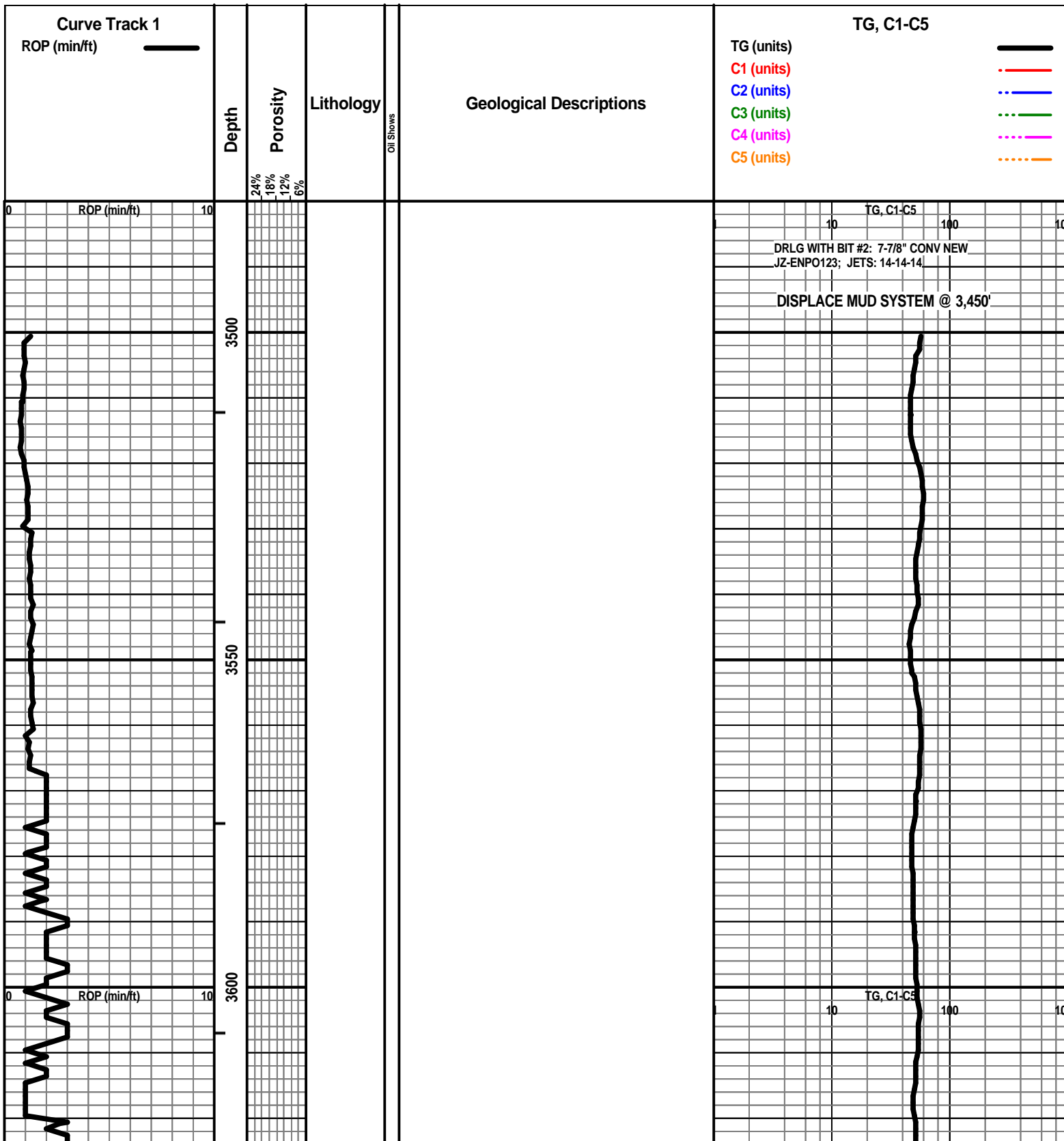
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- Core
- Dst

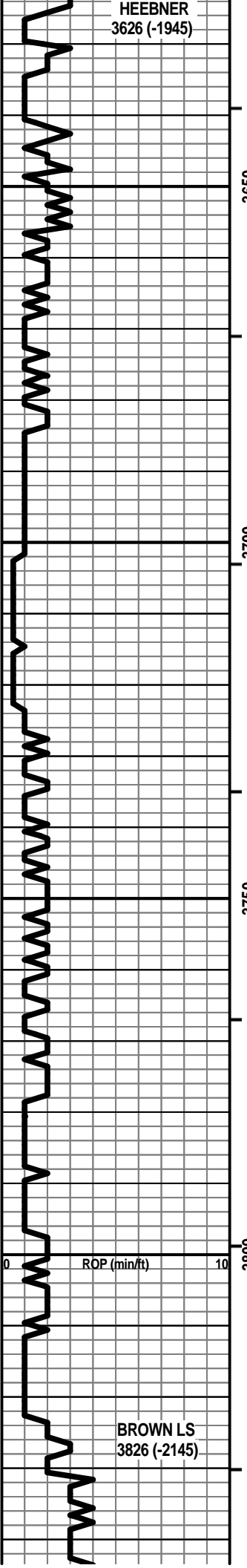
- Dst/2
- Dst

#### EVENTS

- ▽ Rft
- ▾ Sidewall
- ▬ Conn



HEEBNER  
3626 (-1945)



3650

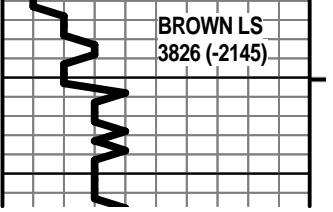
3700

3750

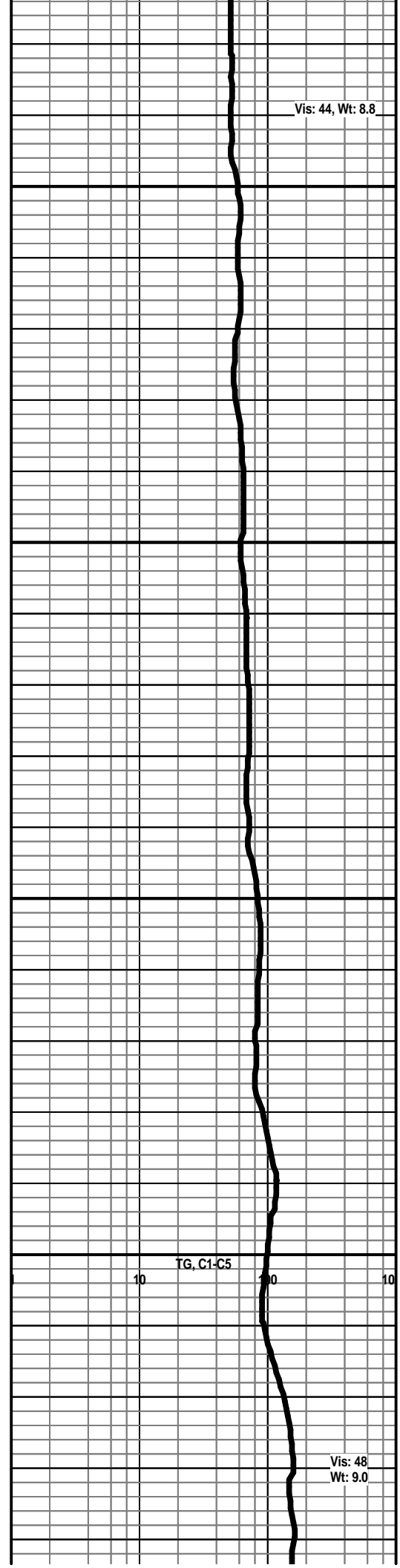
3800

ROP (min/ft)

BROWN LS  
3826 (-2145)

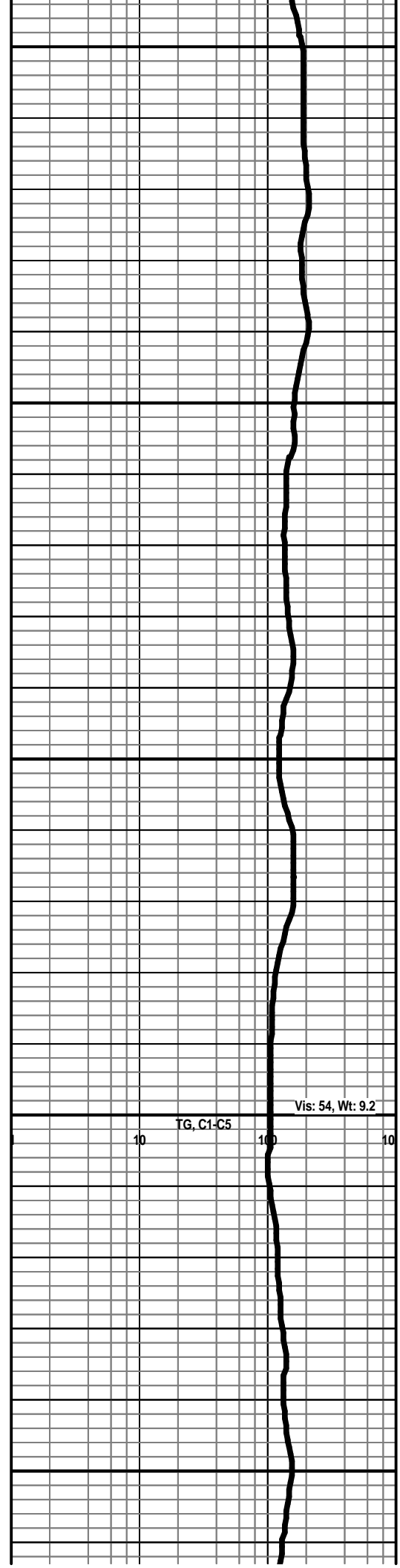
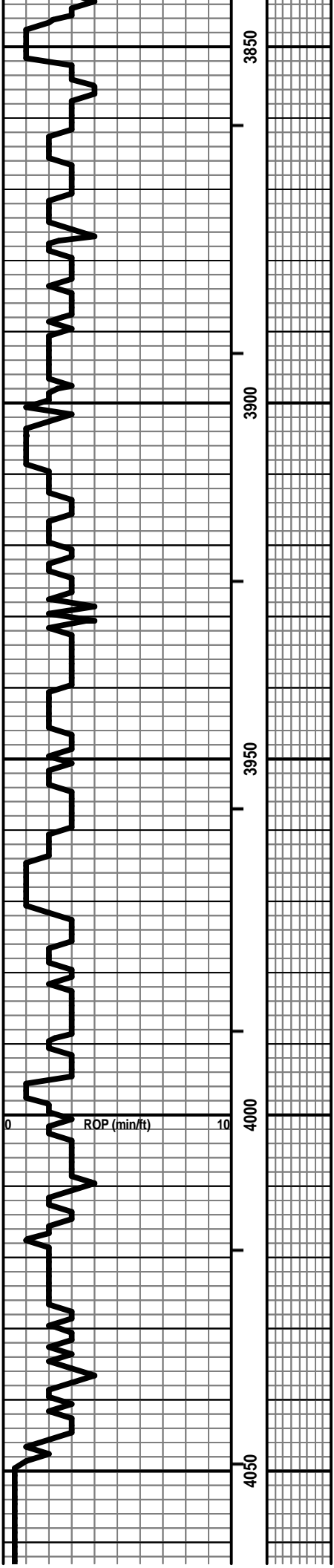


Vis: 44, Wt: 8.8



TG, C1-C5

Vis: 48  
Wt: 9.0



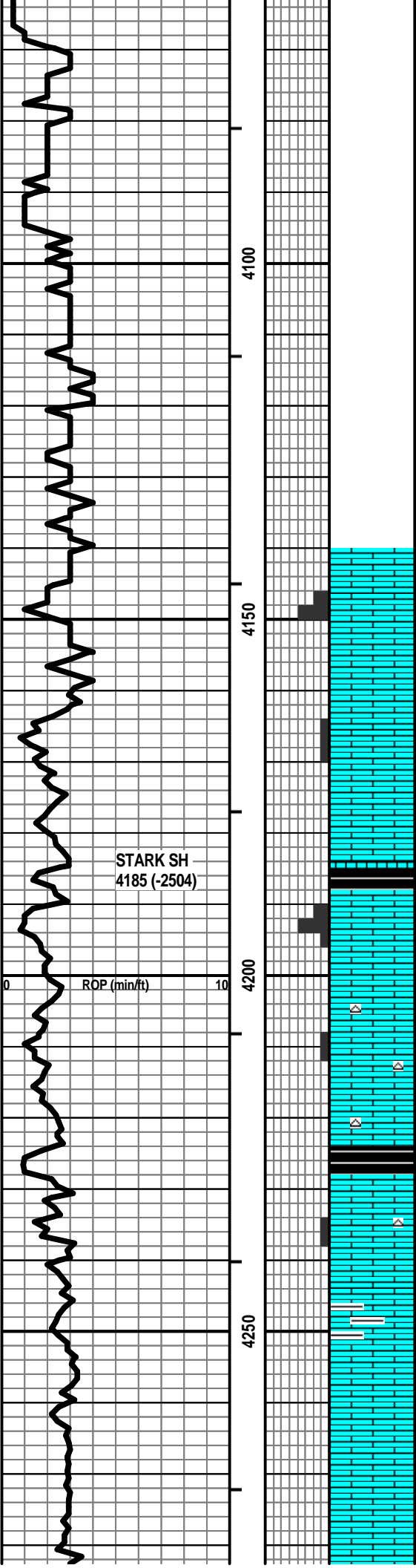
Vis: 54, Wt: 9.2

TG, C1-C5

10

10

10



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

LS - CRM / GY / TAN, VF / F XLN, SL FOSS, SCAT P / F INTXLN POR, PRED DNS / CHKY, NS

STARK SH  
4185 (-2504)

LS - CRM / TAN, VF / F XLN, OOL IN PT, SL FOSS, F / G OOM POR IN PT, P / F INTXLN POR, CHKY IN PT / DNS, NS W / SCAT CHT - LT GY / WHT

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

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

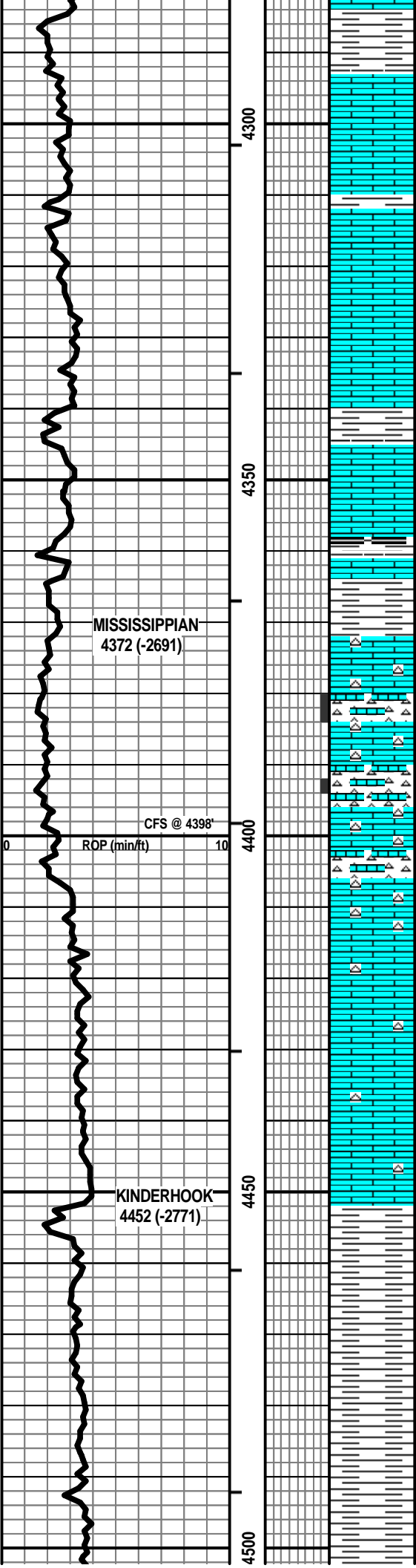
CARRIER LINE PLUGGED - WORK ON GAS UNIT CARRIER LINES

MAKE REPAIRS FOR CHROMAT CARRIER PRESSURE

TG, C1-C5

Vis: 45, Wt: 9.0,  
YP: 12, Gels: 12/38,  
pH: 9.0, WL: 8.0,  
Chl: 7,000, Sol: 4.6,  
LCM: 0#

Vis: 50  
Wt: 9.2



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

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

LS - CRM / GY, VF XLN, SL FOSS, SUBCHKY IN PT, PRED DNS, NS W/SH - DK GY / BLK, SCAT CARB

LS - CRM, F XLN, CHTY IN PT, OOL, PRED P INTXLN POR, SSGB IN PT, TR FO, SCAT STN, NO ODOR

CHT - WHT / LT GY / CRM, TR P VUG POR, NS W/LS - CRM / GY, F XLN, CHTY IN PT, OOL, SCAT P INTXLN POR, TR FO, TR STN, NO ODOR

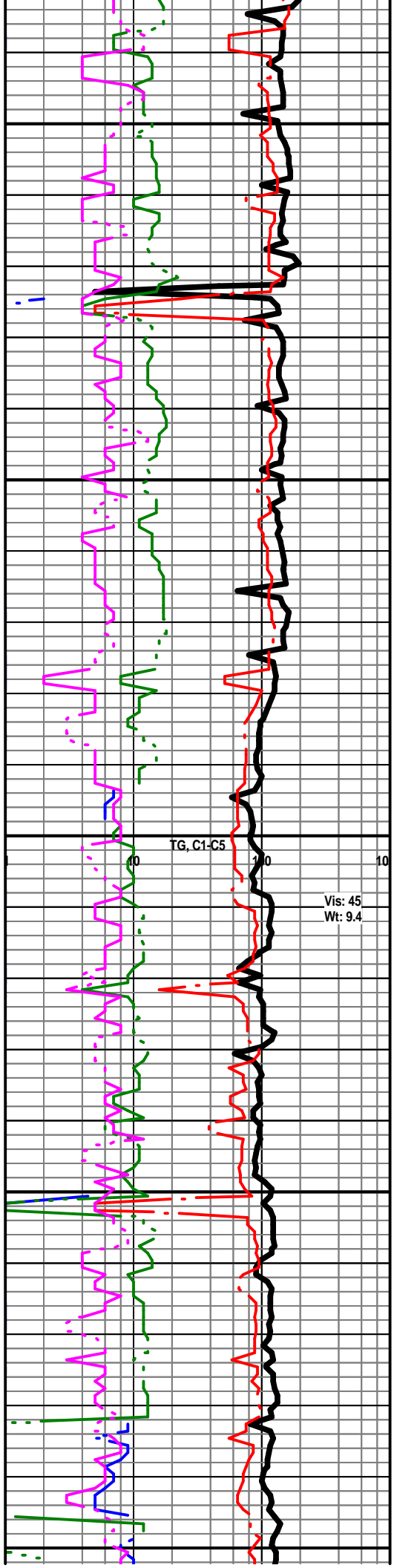
CHT & LS - AS ABOVE, VP / NO VIS POR, PRED DNS, NSFO, NO ODOR, TR GILS STN ON CHT

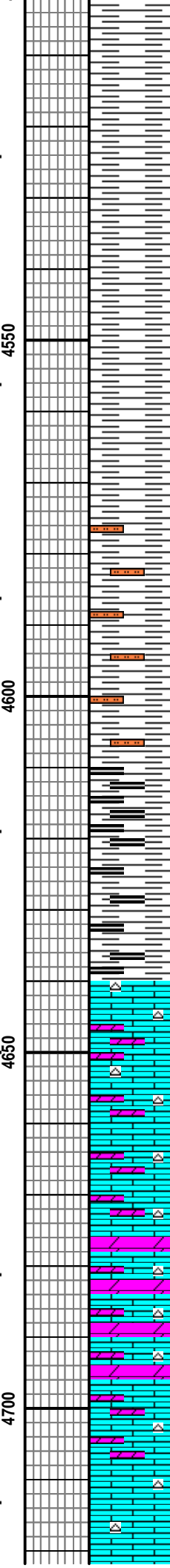
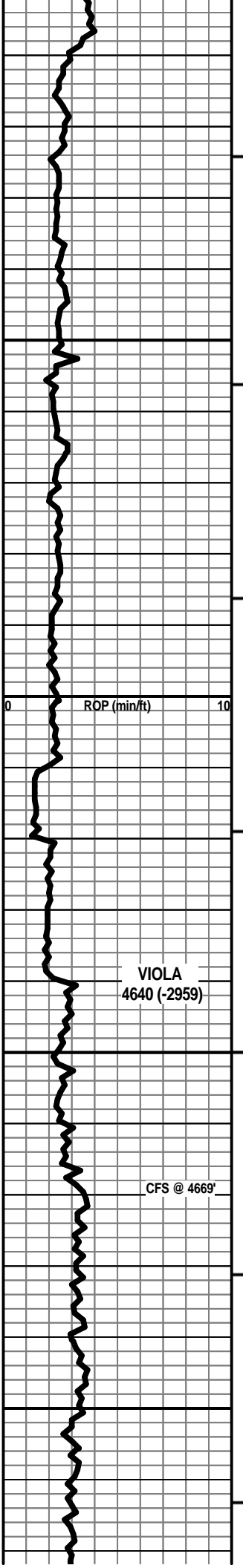
LS - CRM / GY / TAN, F / SCAT M XLN, SL FOSS, PRED DNS, NS W/CHT - LT GY / WHT / CRM

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

SH - MED / DK GY / GRN W/LS & CHT - AS ABOVE

SH - MED / DK GY / GRN / SCAT BLK





SH - GY / GRN / SCAT BLK

SH - GY / GRN / SCAT BLK

SH - GY / GRN / SCAT BLK W/ SCAT SLTST - LT / MED GY

SH - AS ABOVE W/ SH - BLK, CARB

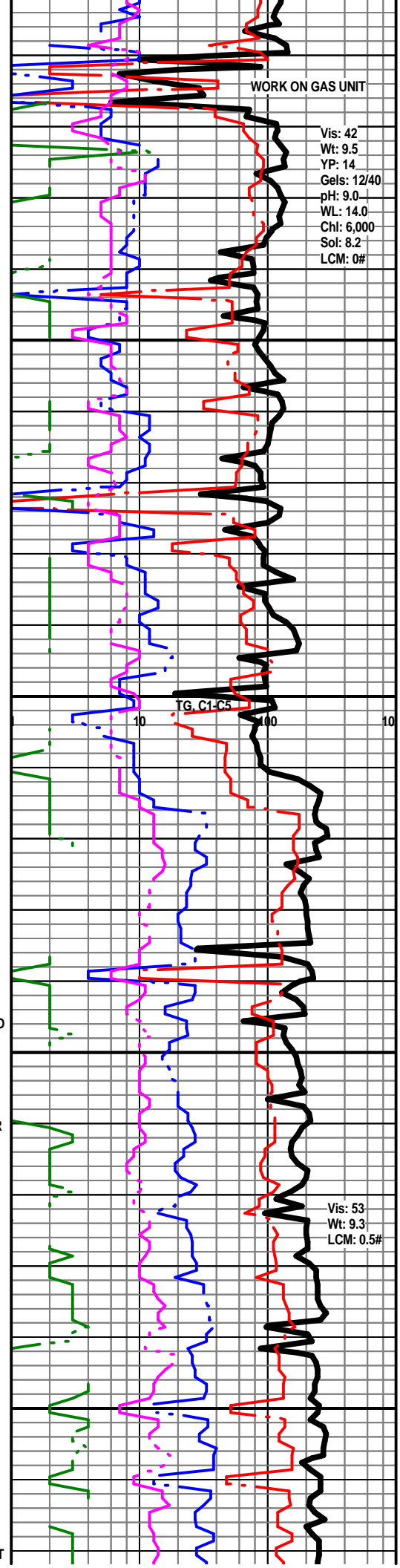
LS - CRM / GY / SCAT TAN, MOT IN PT, F / M XLN, CHTY IN PT, SCAT CHKY, PRED DNS, TR SPTY STN, NSFO, SL DOLO IN PT, GRAN / RHOMBIC IN PT, TR P INTXLN POR, PRED DNS, NS W/ CHT - LT GY / CRM, TR P VUG POR, NS, NO ODOR

LS - AS ABOVE, SL DOLO IN PT, AS ABOVE, PRED DNS, TR DK BRN / BLK GILS STN, PRED NS, NO ODOR

LS - CRM / GY / TAN, MOT IN PT, F / M XLN, DOLO IN PT, PRED DNS, NS W/ SCAT DOLO - CRM / TAN, F XLN, PRED DNS, NS W/ SCAT CHT - LT GY / CRM W/ ABNT KIND & WOOD SH

LS - DOLO IN PT, AS ABOVE, PRED DNS, NS W/ SCAT DOLO - AS ABOVE, PRED DNS, NS W/ SCAT CHT - AS ABOVE W/ ABNT SH - AS ABOVE

LS - CRM / GY, MOT IN PT, F / M / SCAT C XLN, PRED DNS, NS W/ V LTL TO NO DOLO W/ CHT - LT GY / CRM W/ ABNT



VIOLA  
4640 (-2959)

CFS @ 4669'

4550

4600

4650

4700

10

100

10

SIMPSON SH  
4737 (-3056)

SIMPSON SAND  
4750 (-3069)

CFS @ 4758'

CFS @ 4770'

4750

4800

4850

SH - AS ABOVE

AS ABOVE W/ ABNT SH - LT / DK GRN / GY W/ TR UNCONS  
QTZ, M GR, WR

SS - CLR / LT GY, F / M QTZ GR, SCAT VF GR, F / W SRTD,  
SR / WR, MOD CALC CEM, SCAT LS FRAG, GLAUC IN PT,  
TR PYR, F / SCAT G INTGR POR, NS, NO ODOR W/ MOD  
ABNT UNCONS QTZ, M / C GR, SR / WR

SS - CLR / LT GY / TAN, VF / M QTZ GR, SR / WR, F / W  
SRTD, MOD CALC CEM, TR PYR, P / F INTGR POR, SCAT G  
POR, NS, NO ODOR W/ UNCONS QTZ, M / C GR, SR / WR

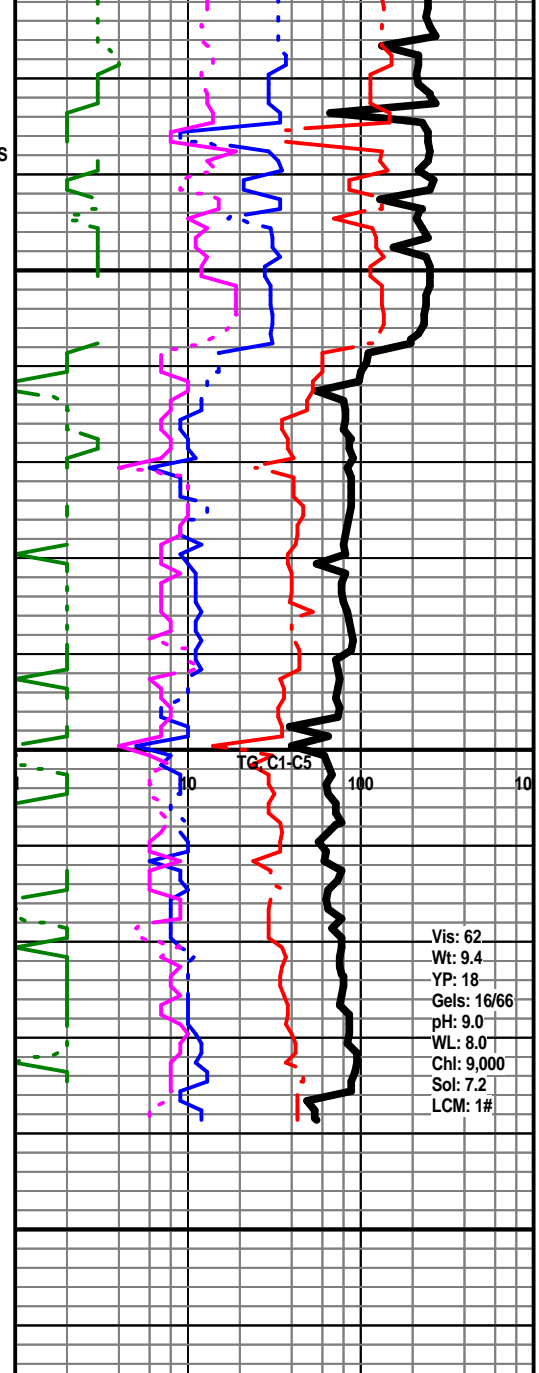
SS - V SIMILAR TO ABOVE, F / SCAT G INTGR POR, NS, NO  
ODOR W/ SH - GY / GRN

SH - GY / GRN W/ SCAT SS CLSTRS - AS ABOVE, NS, NO  
ODOR

SH - GY / GRN W/ SCAT SS CLSTRS - AS ABOVE, NS, NO  
ODOR

SH - GY / GRN W/ SS - LT GY / CLR, PRED VF / F QTZ GR,  
SCAT M GR, F / W SRTD, SR / R, MOD CALC CEM, SCAT SH  
FRAG IN PT, SCAT MIC, P / G INTGR POR, NS, NO ODR

TOTAL DEPTH 4839 (-3158)



Vis: 62  
 Wt: 9.4  
 YP: 18  
 Gels: 16/66  
 pH: 9.0  
 WL: 8.0  
 Chl: 9,000  
 Sol: 7.2  
 LCM: 1#