



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1074056
OIL & GAS CONSERVATION DIVISION

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 # _____

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1074056

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

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 <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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <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	Lonker 1
Doc ID	1074056

All Electric Logs Run

Compensated Density/Neutron
Dual Induction
Micro Log
Sonic Log

Customer	<i>White Exploration</i>	Lease No.		Date	<i>1-13-12</i>
Lease	<i>Lonker</i>	Well #	<i>1</i>	Service Receipt	<i>171702608</i>
Casing	<i>5 1/2</i>	Depth	<i>4852</i>	County	<i>Barber</i>
Job Type	<i>Z 42 5 1/2 L.S.</i>	Formation		State	<i>Ks</i>
				Legal Description	<i>22 325 12W</i>

Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size	Shots/Ft		Lead
Depth	Depth	From	To	<i>See Callsheet</i>
Volume	Volume	From	To	
Max Press	Max Press	From	To	Tail in
Well Connection	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>01:00</i>					<i>on loc. / Held Safety Meeting</i>
<i>02:45</i>					<i>Start Csg.</i>
<i>05:30</i>					<i>Csg on Bottom Cir. w/ Rig</i>
<i>07:40</i>	<i>3000</i>				<i>Test Pump + Lines</i>
<i>07:42</i>	<i>200</i>		<i>5</i>	<i>5</i>	<i>Start Fresh H₂O</i>
<i>07:43</i>	<i>250</i>		<i>12</i>	<i>5</i>	<i>Start Super Flush #</i>
<i>07:46</i>	<i>250</i>		<i>5</i>	<i>5</i>	<i>Start Fresh H₂O</i>
<i>07:47</i>	<i>350</i>		<i>57</i>	<i>6</i>	<i>Start Cmt 225sk @ 15"</i>
<i>07:59</i>					<i>Shutdown + Wash up</i>
<i>08:02</i>					<i>Drop Plug</i>
<i>08:03</i>	<i>100</i>		<i>0</i>	<i>6.5</i>	<i>Start Disp. w/ Fresh H₂O</i>
<i>08:03</i>					<i>Slow Rate</i>
<i>08:24</i>	<i>2600</i>		<i>115</i>	<i>6.5</i>	<i>Bump Plug</i>
<i>08:25</i>	<i>0</i>			<i>0</i>	<i>Release + ✓ flowback</i>
<i>08:25</i>					<i>Plug Held</i>
	<i>1160</i>				<i>Pressure Before Plug landed</i>
					<i>Knock Loose + Hook up to 2"</i>
<i>09:47</i>	<i>100</i>		<i>5</i>	<i>2.5</i>	<i>Plug Mouse Hole w/ 20sk @ 15"</i>
<i>09:53</i>	<i>100</i>		<i>7</i>	<i>2.5</i>	<i>Plug Rat Hole w/ 30sk @ 15"</i>
<i>09:10</i>					<i>Knock Loose + Wash up</i>
<i>09:30</i>					<i>End Job</i>

Service Units	<i>19757</i>	<i>381171243</i>	<i>1996019918</i>		
Driver Names	<i>Cochran</i>	<i>Mendoza</i>	<i>J. Martinez</i>		

J. Bennett
Station Manager

M. Cochran
Cementer

Customer Representative

GEOLOGIC REPORT

DAVID J. GOLDAK

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

Well Name: Lonker #1
Location: Section 22 - T32S - R12W
License Number: API: 15-007-23824
Spud Date: 01 / 04 / 2012
Surface Coordinates: 990' FNL and 990' FWL
SE - NW - NW
Region: Barber Co., KS
Drilling Completed: 01 / 12 / 2012
Bottom Hole Coordinates:
Ground Elevation (ft): 1571' K.B. Elevation (ft): 1581'
Logged Interval (ft): 3500' To: 4850' Total Depth (ft): 4850'
Formation: Arbuckle
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: 2400 N. Woodlawn, Suite 115
Wichita, Kansas 67220

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-L116-RR	3-14s	40	40	0.75
2	12-1/4	JZ-?-RR	4-14s	263	223	2.25
3	7-7/8	JZ-ENP0123	2-18s	4446	4183	90.25
4	7-7/8	JZ-MD30-RR	3-14s	4850	404	25.25

SURVEYS: 263'-1.0, 1065'-1.0, 2109'-0.75, 3124'-1.0, 3660'-1.75
3943'-2.0, 4131'-1.25, 4446'-1.25, 4850'-0.75

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 36,000-42,000 lbs. on bit and 75 RPM.
Pumping 65 S/M, 8.4 B/M, and 1150 psi at standpipe.



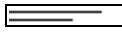
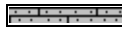
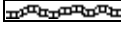



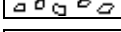
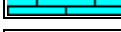

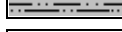
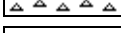


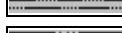
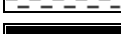
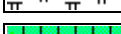






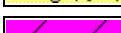
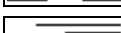




Daily Status

01/04/12 - Spud @ 10:30 PM; Set 8-5/8" Csg at 259'
 01/05/12 - 263' WOC; DP @ 2:30 PM
 01/06/12 - 1,200' Drilling
 01/07/12 - 2,330' Drilling
 01/08/12 - 3,200' Drilling; Displace @ 3,503'
 01/09/12 - 3,870' Drilling
 01/10/12 - 4,351' Drilling; Bit trip @ 4,446'
 01/11/12 - 4,650' Drilling; RTD 4,850' @ 9:30 PM
 01/12/12 - 4,850' Logging






















































































DSTs

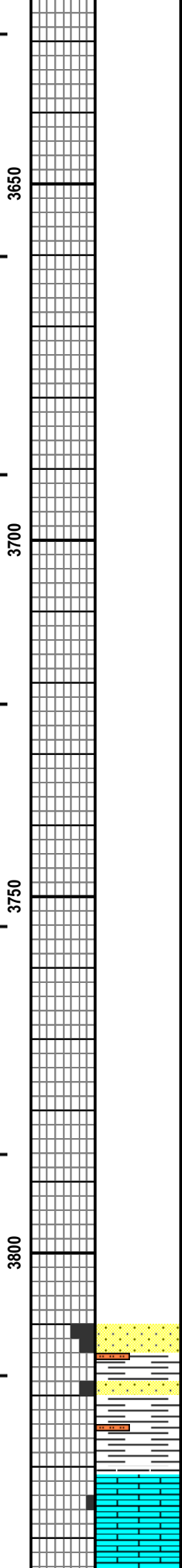
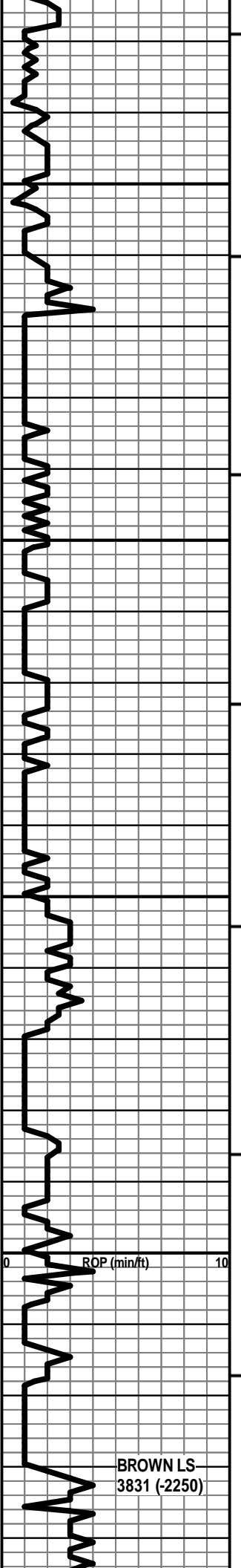
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ROCK TYPES

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

ACCESSORIES

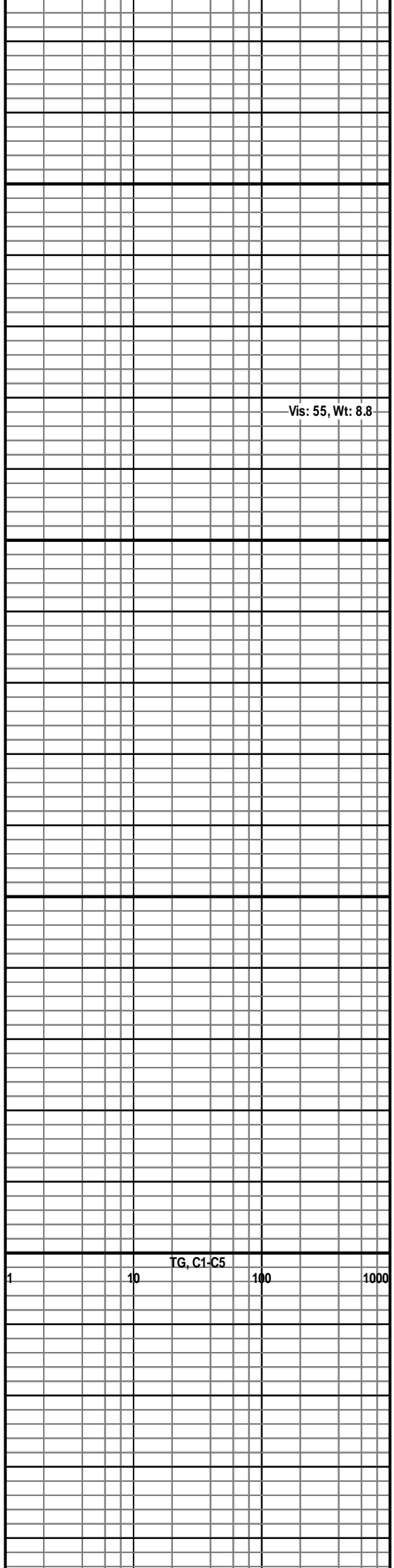
MINERAL	 Salt	 Fossil	 Clystn
 Anhy	 Sandy	 Gastro	 Dol
 Arggrn	 Silt	 Oolite	 Grysh
 Arg	 Sil	 Ostra	 Gryslt
 Bent	 Sulphur	 Pelec	 Lms
 Bit	 Tuff	 Pellet	 Sandylms
 Brecfrag	 Chlorite	 Pisolite	 Sh
 Calc	 Dol	 Plant	 Slststn
 Carb	 Sand	 Strom	
 Chtdk	 Slty	 Fuss	TEXTURE
 Chtlt		 Oomold	 Boundst
 Dol	FOSSIL		 Chalky
 Feldspar	 Algae	STRINGER	 Cryxln
 Ferrpel	 Amph	 Anhy	 Earthy
 Ferr	 Belm	 Arg	 Finexln
 Glau	 Bioclst	 Bent	 Grainst
 Gyp	 Brach	 Coal	 Lithogr
 Hvymin	 Bryozoa	 Dol	 Microxln
 Kaol	 Cephal	 Ls	 Mudst
 Marl	 Coral	 Mrst	 Packst
 Minxl	 Crin	 Slststrg	 Wackest
 Nodule	 Echin	 Ssstrg	
 Phos	 Fish	 Carbsh	
 Pyr	 Foram		

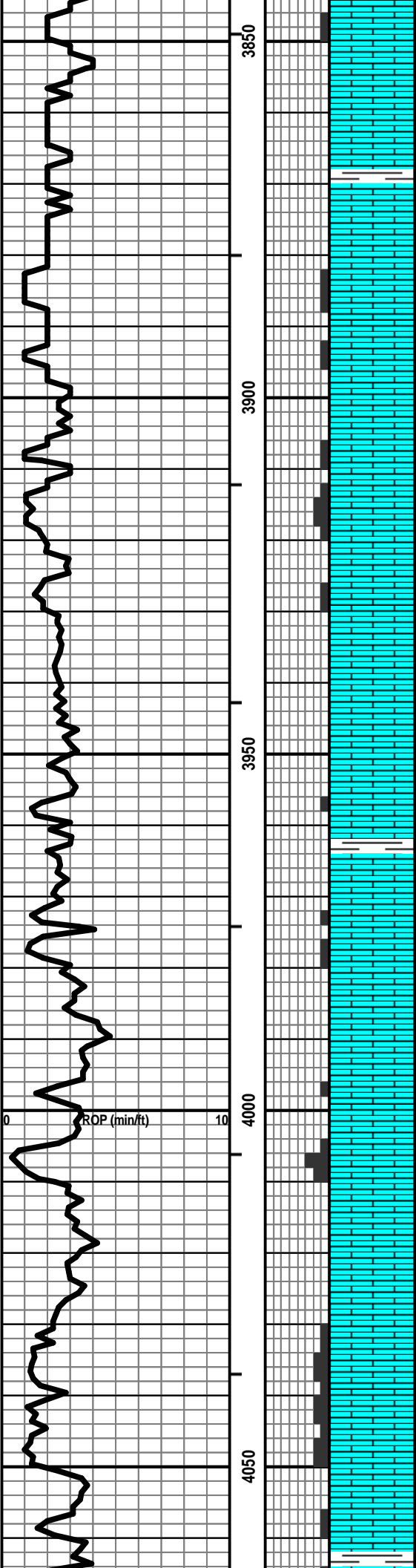


SH - LT / MED GY W/SS - LT GY, VF QTZ GR, W SRTD, SR / R, MIC, F / G INTGR POR, NS W/ SCAT SLTST - LT / MED GY

BROWN LS
3831 (-2250)

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





LS - ASABOVE W/ GY, MOT IN PT, VF / F XLN, FOSS IN PT, PRED DNS, NS

LS - CRM / GY / TAN, VF / F XLN, SCAT M REXLN CALC, FOSS, OOL IN PT, SCAT P INTXLN + PPT POR, CHKY IN PT, PRED DNS, NS

Vis: 40, Wt: 9.0

LS - ASABOVE, P / F INTXLN + VUG POR IN PT, SCAT CHKY / DNS, NS

GAS UNIT FOOT MARKER NOT OPERATING;
REPAIR UNIT AFTER ARRIVING ON LOCATION

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

DECR. BIT WIGHT TO 28,000-30,000 DUE TO SURVEY

LS - TAN / BRN / CRM, VF / F XLN, SCAT REXLN CALC, SL FOSS, SCAT P INTXLN + PPT POR, PRED DNS, NS

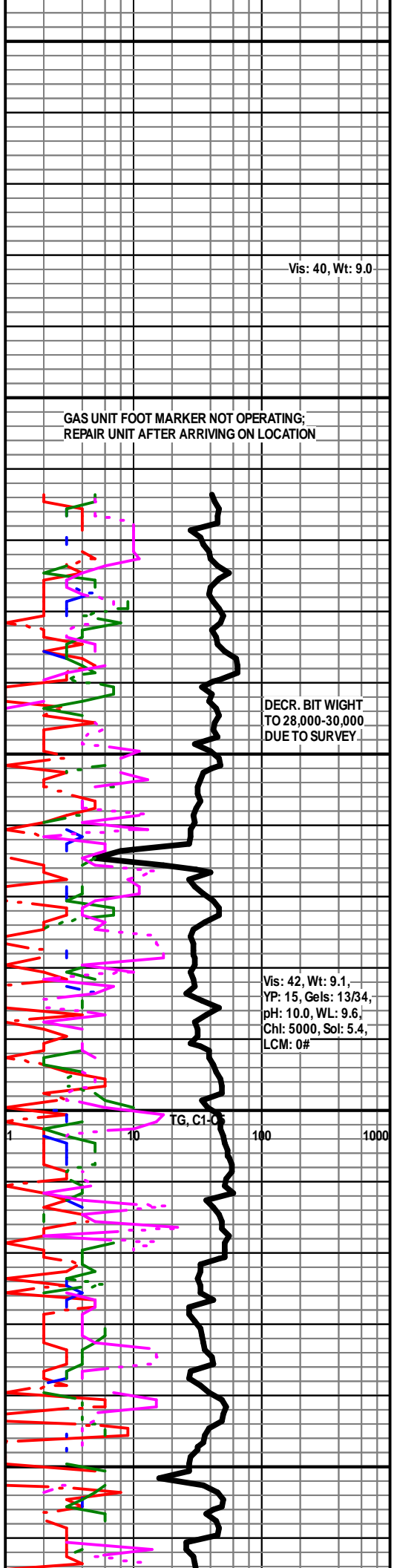
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YP: 15, Gels: 13/34,
pH: 10.0, WL: 9.6,
Chl: 5000, Sol: 5.4,
LCM: 0#

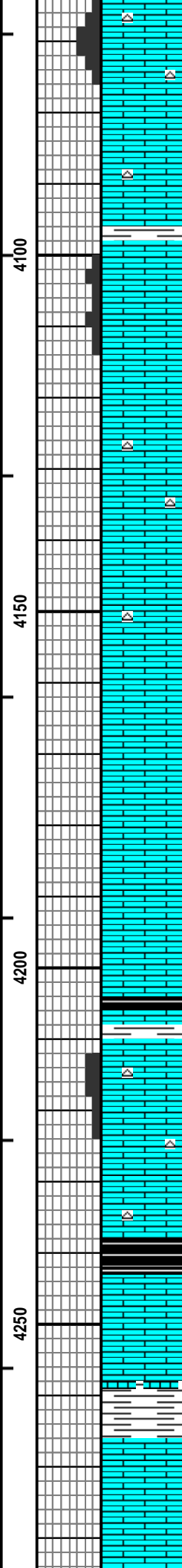
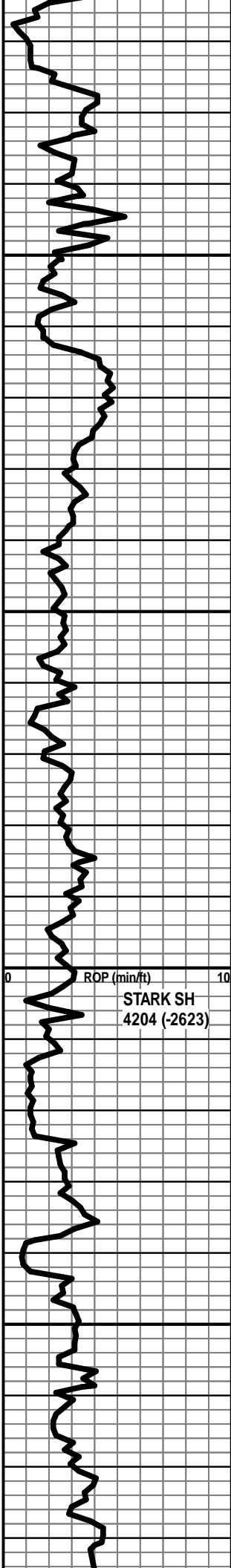
LS - CRM / TAN / BRN, VF / F XLN, FOSS IN PT, P / F VUG + INTXLN POR IN PT, SCAT DNS, NS

TG, C1-C

LS - CRM / TAN / GY, VF / F XLN, FOSS IN PT, OOL IN PT, SCAT P / F INTXLN + PPT POR, PRED DNS, NS

LS - CRM / GY / SCAT TAN, VF / F XLN, OOL, SL FOSS, P / F





OOM POR, F INTXLN POR IN PT, SCAT CHKY, NS W/CHT - LT GY / CRM / WHT, MOT, OOL

LS - GY / TAN, VF / CRYPTO XLN, SL FOSS, PRED DNS, NS

LS - CRM / TAN, VF / F XLN, OOL + FOSS, F / P VUG + PPT POR, SUBCHKY IN PT, NS

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

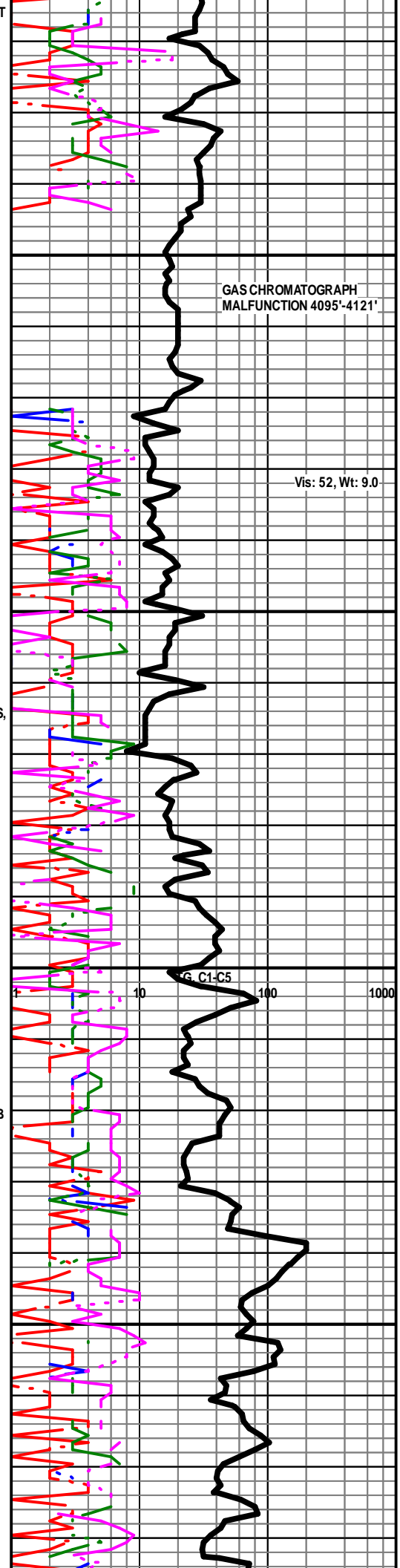
LS - TAN / BRN, VF / F XLN, SL FOSS, CHKY IN PT, PRED DNS, NS

LS - TAN / BRN / SCAT GY, VF / F XLN, SCAT REXLN CALC, FOSS IN PT, SUBCHKY IN PT, PRED DNS, NS

LS - CRM / TAN, F XLN, OOL, P / F OOM POR, P INTXLN POR, NS W/SCAT CHT - LT GY / WHT W/SH - DK GY / BLK, CARB IN PT

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

LS - BRN / TAN, VF / F XLN, SL FOSS, SUBCHKY IN PT, PRED DNS, NS W/SH - MED / DK GY



4300
4350
4400
4450
4500

LS - TAN / BRN / SCAT GY, VF / F XLN, OOL IN PT, SL FOSS, PRED DNS, NS W/ SH - LT / DK GY / GRN

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

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

MISSISSIPPIAN
4380 (-2799)

CHT - WHT / LT GY, OPQ / TRANS, F WEATH IN PT, P / F TRIP POR IN PT, TR VUG POR, P / F SGB, SSFO + OILY FILM, NO ODOR, BRN / BLK PRED SPTY STN, TR SAT STN, G FLOUR, P / G CUT

CFS @ 4398'

ROP (min/ft)

CHT - ASABOVE, SL / F WEATH, P / SCAT F TRIP POR, SSGB + OILY FILM, VSSFO IN PT, NO ODOR, SCAT BRN / BLK SPTY STN, P / G FLOUR + CUT W/ LS - CRM / TAN, F XLN, CHTY IN PT, PRED DNS, SCAT SPTYSTN W/ SH - GY / GRN

CFS @ 4422'

CHT - ASABOVE

LS - TAN / CRM, VF / F XLN, PRED DNS, NS W/ CHT - LT GY / WHT W/ ABNT SH - GY / GRN

BIT TRIP @ 4,446'

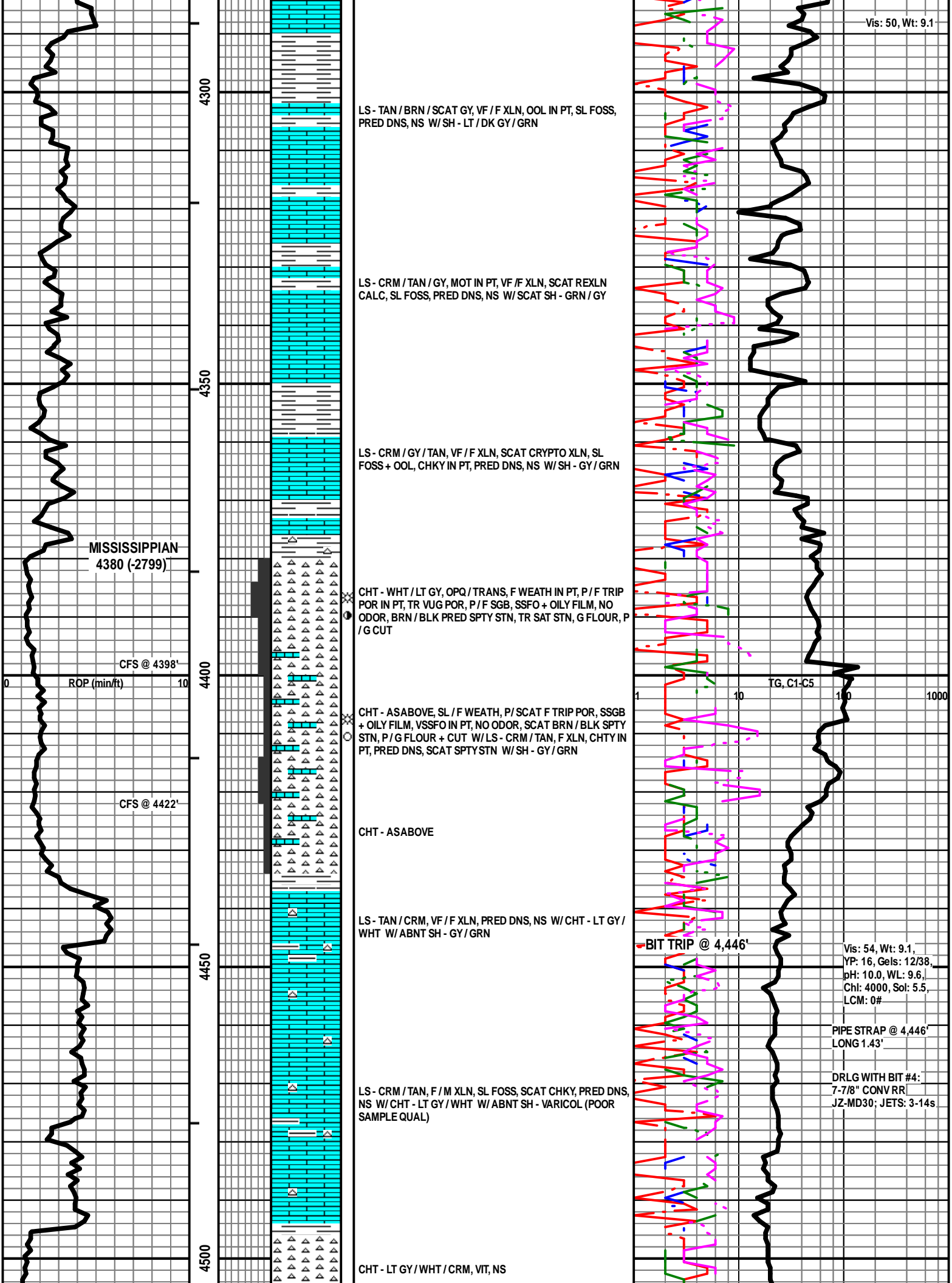
Vis: 54, Wt: 9.1,
YP: 16, Gels: 12/38,
pH: 10.0, WL: 9.6,
Chl: 4000, Sol: 5.5,
LCM: 0#

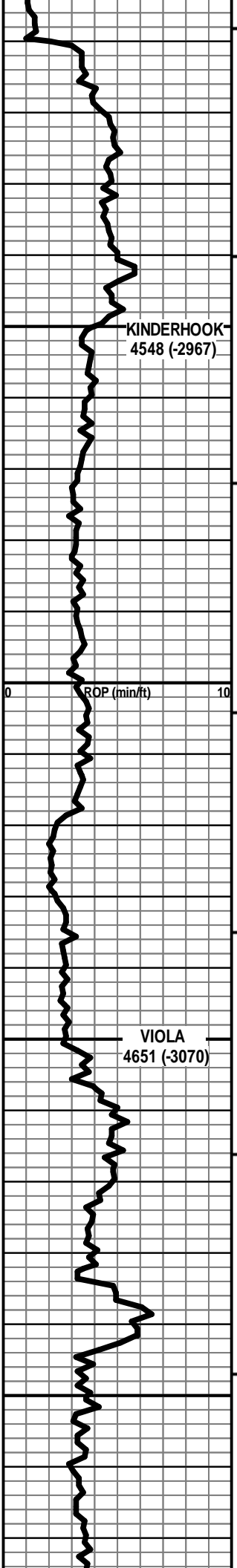
PIPE STRAP @ 4,446'
LONG 1.43'

LS - CRM / TAN, F / M XLN, SL FOSS, SCAT CHKY, PRED DNS, NS W/ CHT - LT GY / WHT W/ ABNT SH - VARICOL (POOR SAMPLE QUAL)

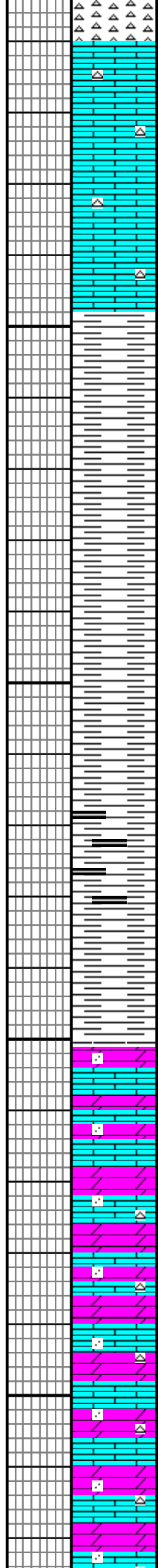
DRLG WITH BIT #4:
7-7/8" CONV RR
JZ-MD30; JETS: 3-14s

CHT - LT GY / WHT / CRM, VIT, NS





4550
4600
4650
4700



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

SH - GY / GRN / SCAT BLK

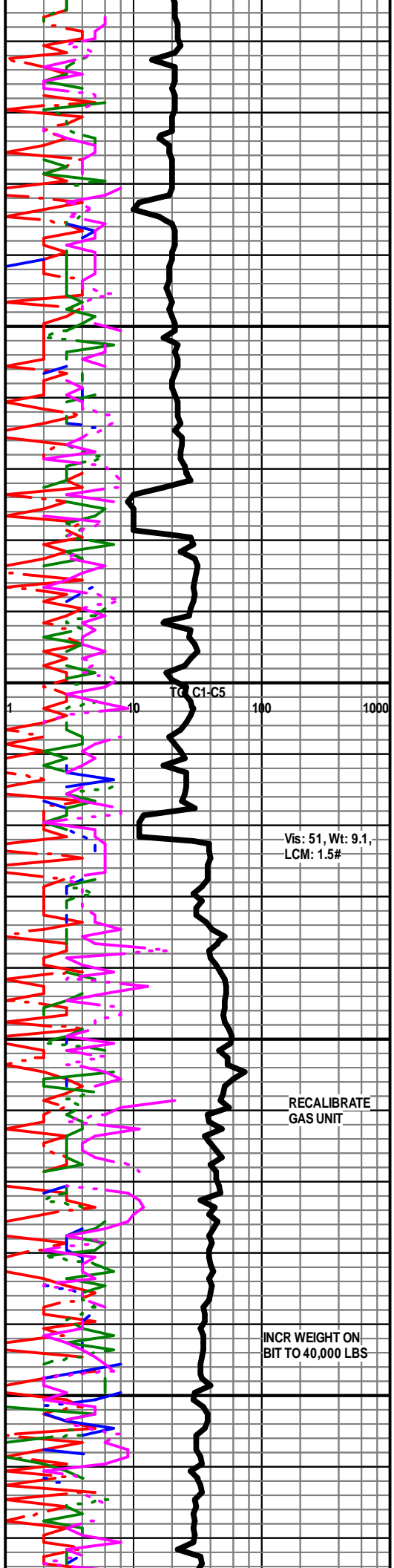
SH - GY / BLK / GRN

SH - BLK / GY / GRN

DOLO + LS - LT GY / CRM / TAN, MOT IN PT, F / M XLN, SCAT
C XLN, AREN IN PT, TR VP INTXLN POR, PRED DNS, TR SPTY
GILS STN, PRED NS, NO ODOR, NO FLOUR, NO CUT

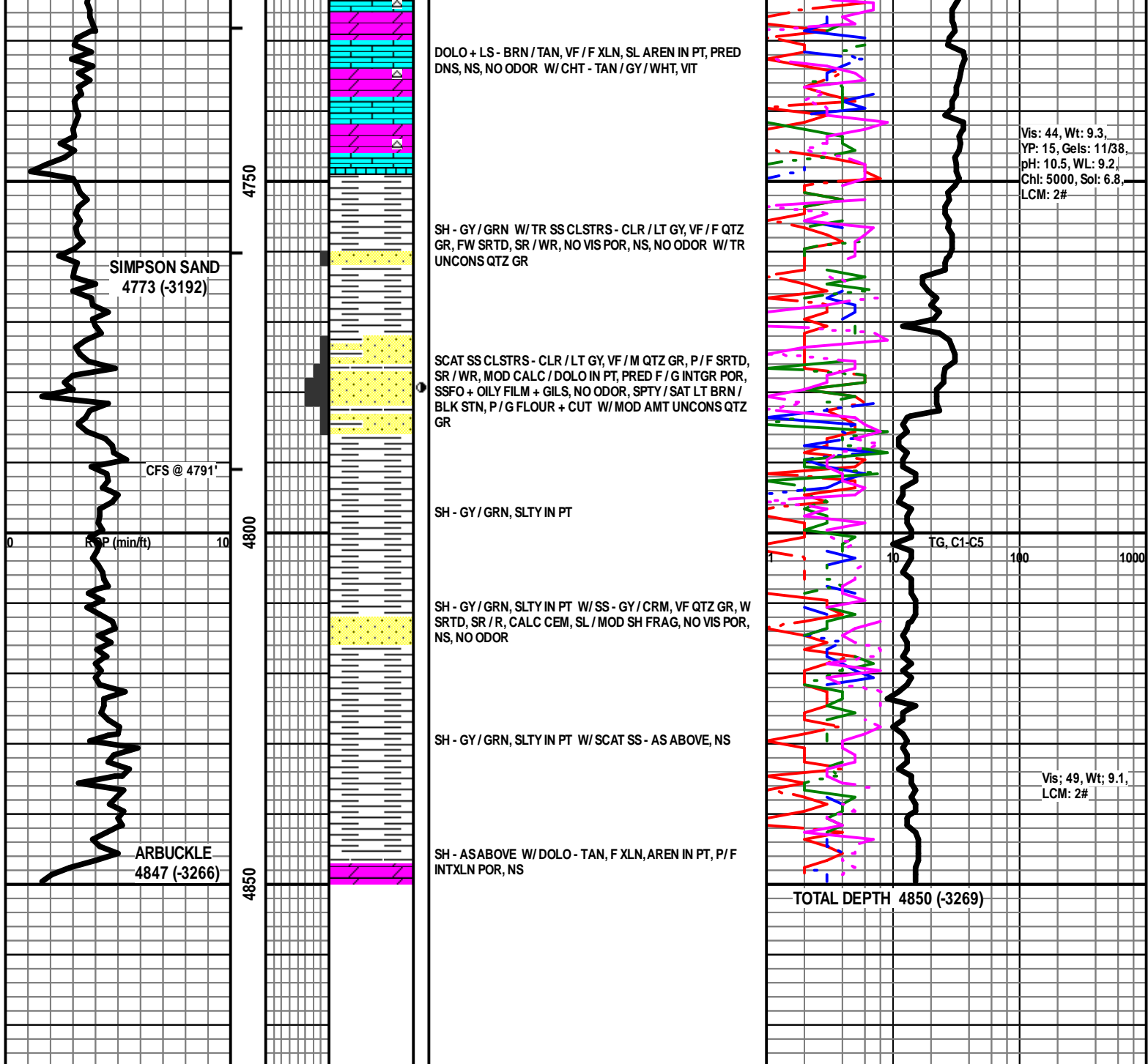
DOLO + LS - CRM / TAN / GY, MOT IN PT, VF / M XLN, AREN IN
PT, PRED DNS, NS, NO ODOR W/ CHT - GY / TAN / WHT, VIT

DOLO + LS - TAN / CRM, PRED VF / F XLN, AREN IN PT, PRED
DNS, NS, NO ODOR W/ CHT - TAN / GY / WHT, VIT



KINDERHOOK
4548 (-2967)

VIOLA
4651 (-3070)



Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

April 24, 2012

Kenneth S. White
White Exploration, Inc.
2400 N WOODLAWN STE 115
WICHITA, KS 67220-3966

Re: ACO1
API 15-007-23824-00-00
Lonker 1
NW/4 Sec.22-32S-12W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Kenneth S. White