



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1069421
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: _____

1069421

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 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				

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	Ash 2
Doc ID	1069421

All Electric Logs Run

Compensated Density Neutron
Dual Induction
Microlog
Sonic

BASIC

energy services, L.P.

TREATMENT REPORT

Customer: White Exploration, Incorporated Lease No. 2 Date 1-15-11
 Well # 2
 Field Order # Ash Station Pratt, Kansas Gaslog # 2411b Depth 99 feet County Barber State Kansas
 Type Job C.N.W. - Surface Formation 2411b Legal Description 2411b-325-12W

PIPE DATA		PERFORATING DATA		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	CEMENT USED	RATE	PRESS	ISIP
2 7/8	2 1/2	185	54 sacks 60/40 Poz	with		
Depth 9 feet	Depth	From	288 Gels	Max. 251 b/sk	cell	17 min.
Volume 1 bbl	Volume	From	38 gal calcium chloride	Mix. 1.2	CU.FT.	19 min.
Max Press 100 PSI	Max Press	From	6.7 Gal.	Avg		15 Min.
Well Connection	Annulus Vol.	From		HHP Used		Annulus Pressure
1 1/2	1 1/2	From				Total Load
Plug Depth	Packer Depth	From	Flush	18 Bbl Fresh	Ret. Volume	

Customer Representative M. Herten Station Manager David Scott Operator Clarence R. Messick
 Driver Messick Casing Melson Rate Phye

Time	AM, Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:45					Trucks on location and hold safety meeting.
3:50					Casing in well. Circulate for 5 minutes.
5:00					Start Fresh Water Pre-Flush.
5:10	250		10	5	Start Mixing 185 sacks 60/40 Poz cement.
	-0-		50		Stop pumping. Shut in well. Release Wooden Plug. Open Well.
5:20	100			5	Start Fresh Water Displacement.
5:30	300		18		Plug down. Shut in well.
					Circulated 10 sacks cement to the pit.
					Wash up pump truck.
					Job Complete.
					Thank you
					Clarence, Joe, Dale
6:00					

BASIC

energy services, LP

TREATMENT REPORT

Customer's WHITE EXPLORATION	Lease No. 2	Date 11-26-2011
Lease ASH	Well # 2	County BARBER
Field Order # 04993	Station PRATT, Ks.	State Ks.
Type Job CML-5 1/2" L.S.	Casing 1/2" Depth 4928'	Legal Description 27-32-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	tubing Size	Shots/Ft	Acid	RATE	PRESS	ISIP		
5 1/2" x 13.5			CMT-	255K AA2				
Depth 1727'	Depth	From	To	Pre Pad 1.43cuft	Max	5 Min.		
Volume 11.26	Volume	From	To	Pad	Min	10 Min.		
Max Press 588	Max Press	From	To	Frac	Avg	15 Min.		
Well-Connection	Annulus Vol.	From	To		HHP Used	Annulus Pressure		
Plug Depth 117'	Packer Depth	From	To	Flush 117 BBL H ₂ O	Gas Volume	Total Load		

Service Units	Driver Names	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
37586	LESLEY	19889	19842	19832	21010	Customer Representative: BRAY BARD Station Manager: D. SCOTT Treater: K. LESLEY
9:30 AM						ON LOCATION - SAFETY MEETING
10:00 AM						SPOT TRUCKS
11:00 AM						RUN 118 JTS. 5 1/2" x 15.5" CSG.
✓						TURBO - 2,3,4,5,6,7,8,10,11,12,13,14
1:35 PM						BASKET - TOP OF SHAFT.
1:40 PM						CSG. ON BOTTOM
4:05 PM						HOOK UP TO CSG. / BREAK CIRC. w/ RIG
4:06 PM						H2O AHEAD
4:08 PM						MIX SUPERFLUSH II
4:18 PM						H2O SPACER
4:19 PM						MIX 2255K AA2 CMT @ 15.0 PRG
4:20 PM						WASH LINE CLEAN - DROP PLUG
4:26 PM						START DISPLACEMENT
4:30 PM						LIFT PRESSURE
4:35 PM						SLOW RATE
						PLUG DOWN - HEAD
						CIRC. THRU W.B
						PLUG R.H. @ M.A.

JOB COMPLETE,
THANKS -

KEVEN LESLEY

GEOLOGIC REPORT

DAVID J. GOLDAK

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

Well Name: Ash #2
Location: Section 27 - T32S - R12W
License Number: API: 15-007-23798
Spud Date: 11 / 14 / 2011
Surface Coordinates: 796' FSL and 692' FWL
Approx. C - SW - SW
Region: Barber Co., KS
Drilling Completed: 11 / 23 / 2011
Bottom Hole Coordinates:
Ground Elevation (ft): 1603' K.B. Elevation (ft): 1613'
Logged Interval (ft): 3500' To: 4925' Total Depth (ft): 4925'
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: 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	4-14s	300	300	3.50
2	7-7/8	Varel HE21	3-14s	3143	2843	58.75
3	7-7/8	HTC-EP7321	3-14s	4761	1618	54.00
4	7-7/8	JZ-MD30M	3-14s	4925	164	11.75

SURVEYS: 300'-0.5, 1214'-0.5, 2211'-1.0, 2799'-0.75, 3361'-1.0, 3919'-1.0, 4667'-1.25



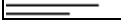

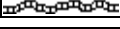



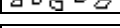

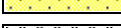
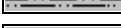
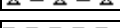

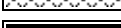







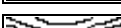


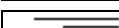




GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 36,000-42,000 lbs. on bit and 75 RPM.
Pumping 64 S/M, 8.3 B/M, and 1000 psi at standpipe.
























































































Daily Status

11/14/11 - Spud @ 9:30 PM; Set 8-5/8" Csg at 293'
 11/15/11 - 300' WOC; DP @ 1:30 PM
 11/16/11 - 1,244' Drilling
 11/17/11 - 2,220' Drilling
 11/18/11 - 3,025' Drilling; Bit trip @ 3,143'; Displace @ 3,609'
 11/19/11 - 3,670' Drilling
 11/20/11 - 4,260' Drilling
 11/21/11 - 4,705' Drilling; DST #1 @ 4,761'
 11/22/11 - 4,780' Drilling; RTD 4,925' @ 4:45 PM

ROCK TYPES

 Anhy	 Gyp	 Shgy	 Sandylms
 Bent	 Igne	 Slstst	 Shale
 Brec	 Lmst	 Ss	 Slstsn
 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	 Slstsn
 Carb	 Sand	 Strom	
 Chtdk	 Slty	 Fuss	TEXTURE
 Chtlt	FOSSIL	 Oomold	 Boundst
 Dol	 Algae	STRINGER	 Chalky
 Feldspar	 Amph	 Anhy	 Cryxln
 Ferrpel	 Belm	 Arg	 Earthy
 Ferr	 Belm	 Bent	 Finexln
 Glau	 Bioclst	 Coal	 Grainst
 Gyp	 Brach	 Dol	 Lithogr
 Hvymin	 Bryozoa	 Gyp	 Microxln
 Kaol	 Cephal	 Ls	 Mudst
 Marl	 Coral	 Mrst	 Packst
 Minxl	 Crin	 Slststrg	 Wackest
 Nodule	 Echin	 Ssstrg	
 Phos	 Fish	 Carbsh	
 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
- r Subrnd
- a Subang
- A Angular

OIL SHOWS

- Even
- Spotted
- Ques
- ▢ Dead
- ⊠ Gas show

INTERVALS

- Core
- Dst

- Dst/2
- Dst

EVENTS

- ▽ Rft
- ▾ Sidewall
- ▬ Conn

DSTs

DST #1: 4,726' - 4,761' (Viola) 5" - 60" - 60" - 90"

IF: BOB in 2 seconds, GTS in 3 minutes

ISI: No blow back

FF: Gas guaged with 1/2" orifice:

10 min - 252 MCF, 20 min - 273 MCF, 30 min - 259 MCF

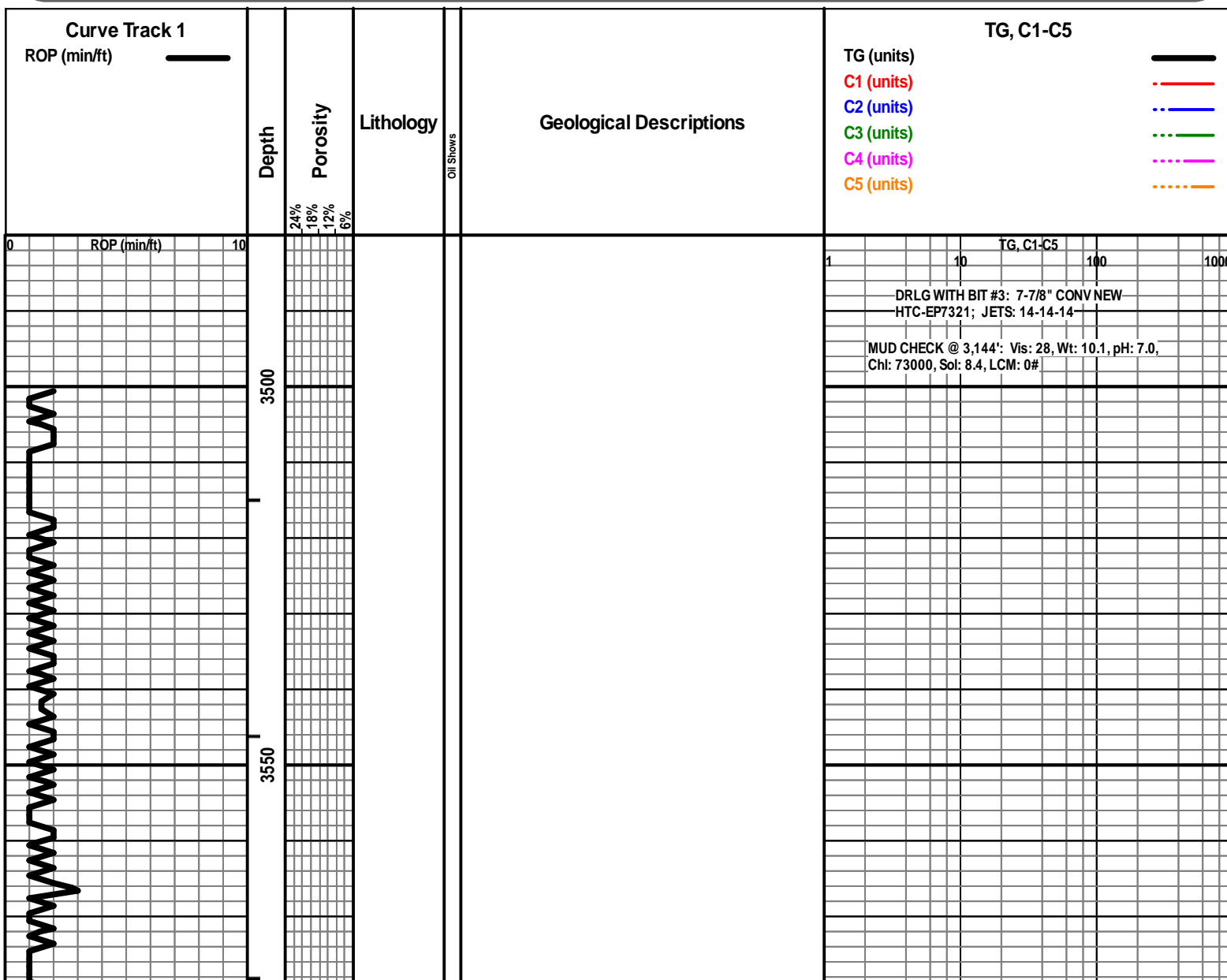
40 min - 246 MCF, 50 min - 225 MCF, 60 min - 212 MCF

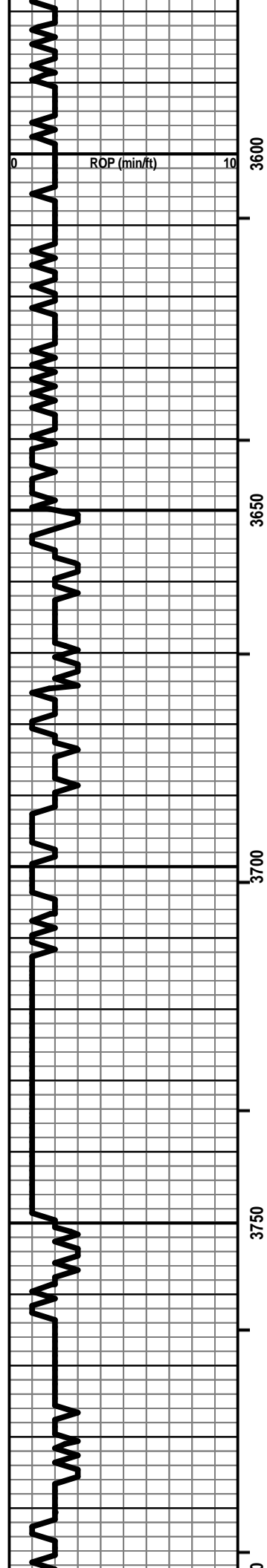
FSI: No blow back

RECOVERY: 122' Total Fluid, consisting of:

122' GMCO (8% O, 48% O, 44% M)

SIP: 1794-1769; FP: 61-60, 64-60; HP: 2340-2341; BHT: 122



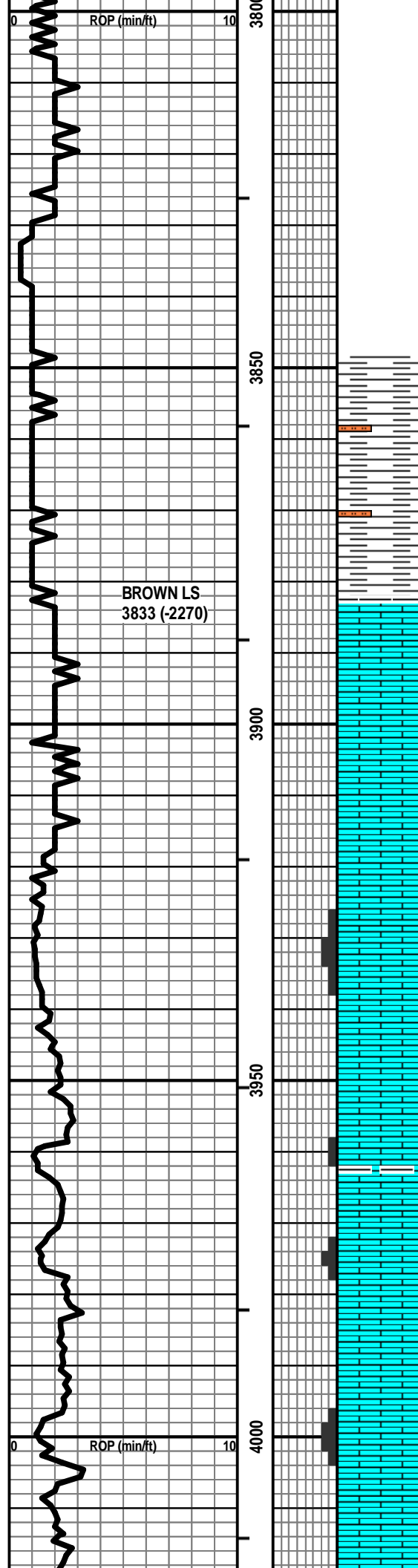


TG, C1-C5

1 10 100 1000

DISPLACE MUD SYSTEM @ 3,609'

WORK ON GEOLOGRAPH - DRILLING TIME -
MAY NOT BE ACCURATE 3750'-3765'



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

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

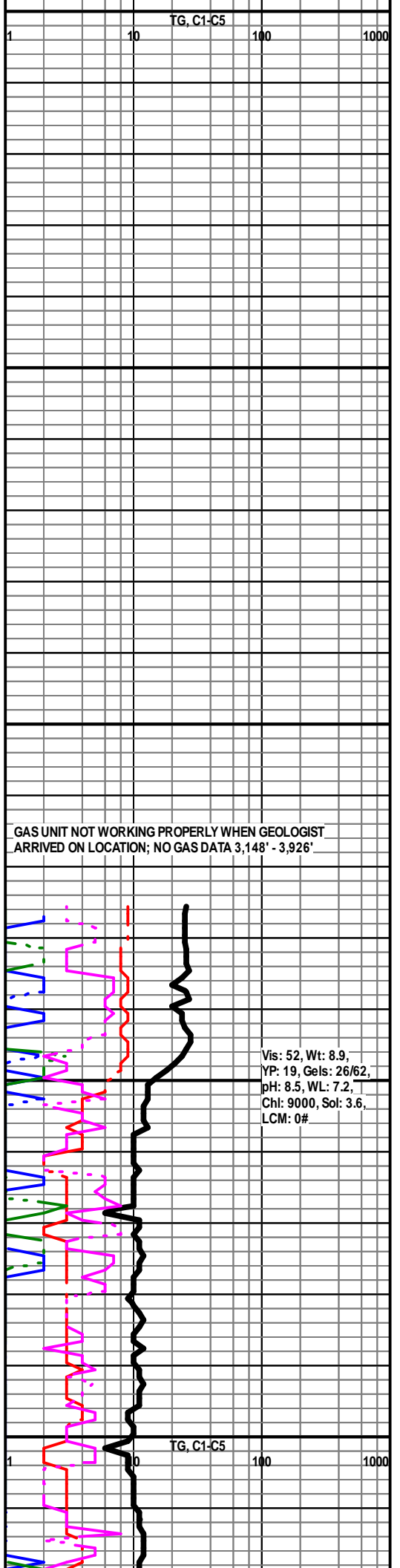
LS - CRM / TAN, VF / F XLN, SCAT REXLN CALC, FOSS, PRED DNS, NS

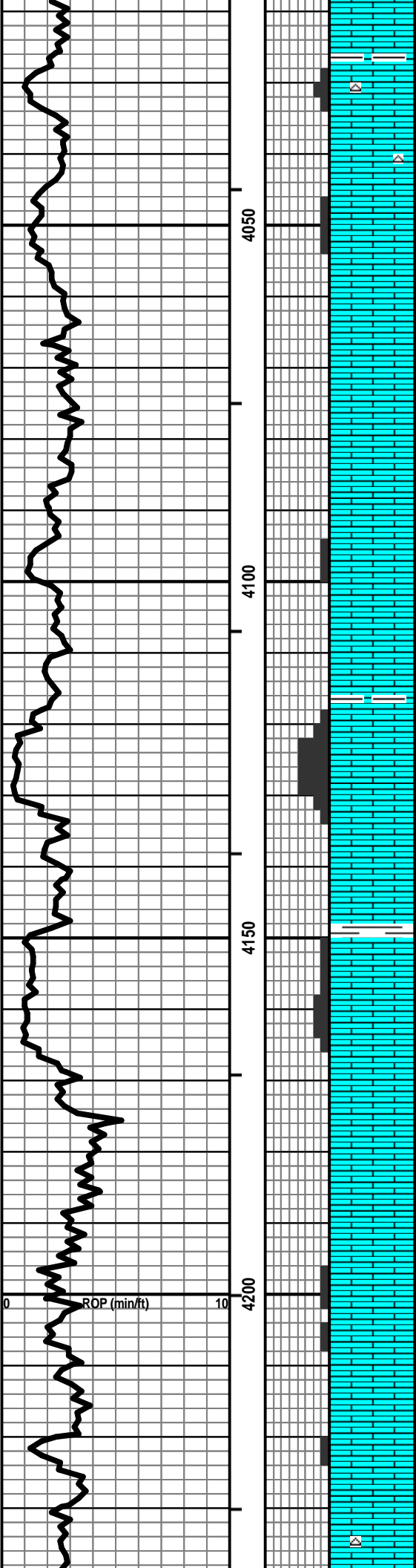
LS - CRM / GY / TAN, VF / F XLN, FOSS IN PT, P / SCAT F INTXLN + VUG POR, SCAT SUBCHKY, NS

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

LS - TAN / BRN, VF / F / SCAT CRYPTO XLN, FOSS, PRED DNS, NS

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





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

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

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

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

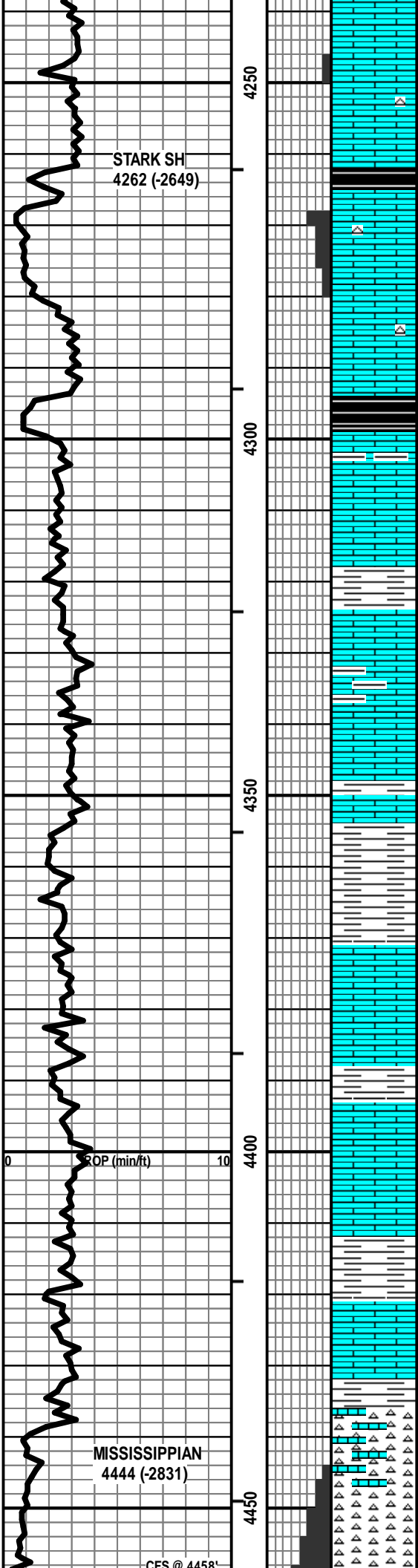
LS - CRM / GY, VF / F XLN, FOSS + OOL IN PT, P / F, INTXLN +
 PPT POR, MOD CHKY, SCAT VSSGB, PRED NS, NO ODOR,
 NO FLOUR, NO CUT

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

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

Vis: 67, Wt: 9.0

TG, C1-C5
 10 100 1000



STARK SH
4262 (-2649)

MISSISSIPPIAN
4444 (-2831)

CES @ 4458'

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

LS - CRM / TAN, F XLN, OOL IN PT, F / G INTXLN POR, P / F OOM POR IN PT, CHKY IN PT, SCAT GILS STN, NSFO, NO ODOR W/ SCAT CHT - LT GY / WHT

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

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

SH - GY / BLK / GRN W/ LS - TAN, VF XLN, SL FOSS, PRED DNS, NS

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

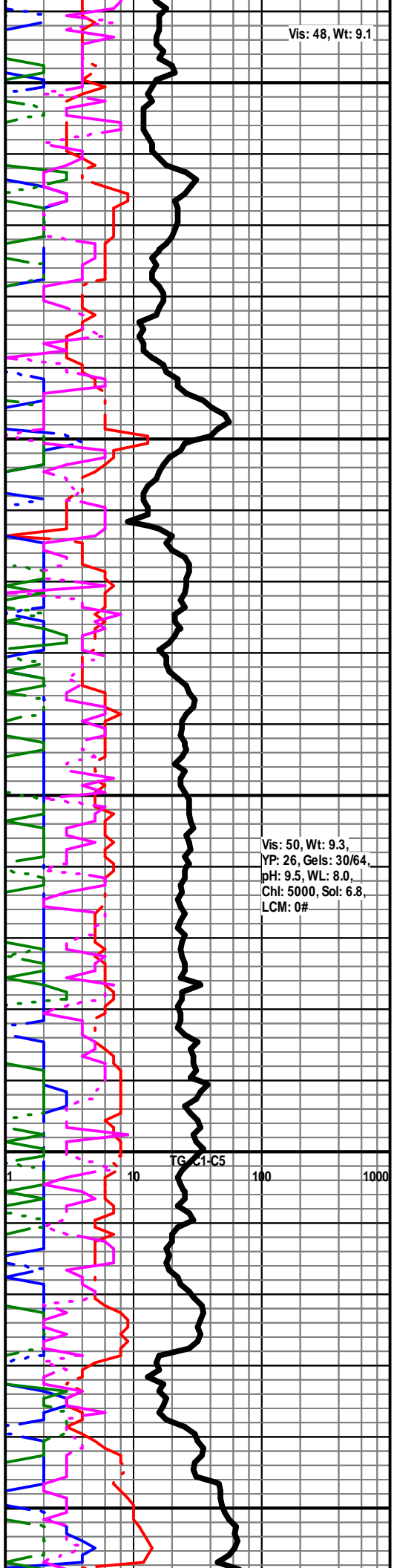
LS - TAN / CRM / SCAT WHT, VF / F / CRYPTO XLN, SL FOSS, CHKY IN PT, PRED DNS, NS W/ SH - MED / DK GY

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

CHT - WHT / LT GY / CRM, CALC IN PT, SL / V WEATH, F / SCAT G TRIP + VUG POR, SL / G SGB + FO, FT ODOR, SPTY / SAT STN PRED G FLOUR + CUT

Vis: 48, Wt: 9.1

Vis: 50, Wt: 9.3,
YP: 26, Gels: 30/64,
pH: 9.5, WL: 8.0,
Chl: 5000, Sol: 6.8,
LCM: 0#



CFS @ 4480'

4500

4550

4600

4650

CHT - WHT / LT GY / SCAT CRM, MOD / V WEATH, F / G TRIP POR, F VUG POR, F / G SGB + FO, F ODOR, SAT / SPTY STN, PRED G FLOUR + CUT

CHT - WHT / LT GY / SCAT CRM, SIMILAR TO ABOVE, SL / V WEATH, P / G TRIP POR, SCAT VUG POR, F / G SGB + FO, FT ODOR, SAT / SPTY STN, PRED G GLOUR + CUT

CHT - LT GY / WHT / SCAT CRM, SL / MOD WEATH, P / G POR, TRIP IN PT, SL / F SGB + FO IN PT, SCAT GILS, SCAT BARR POR, SPTY / SAT STN, P / G FLOUR + CUT

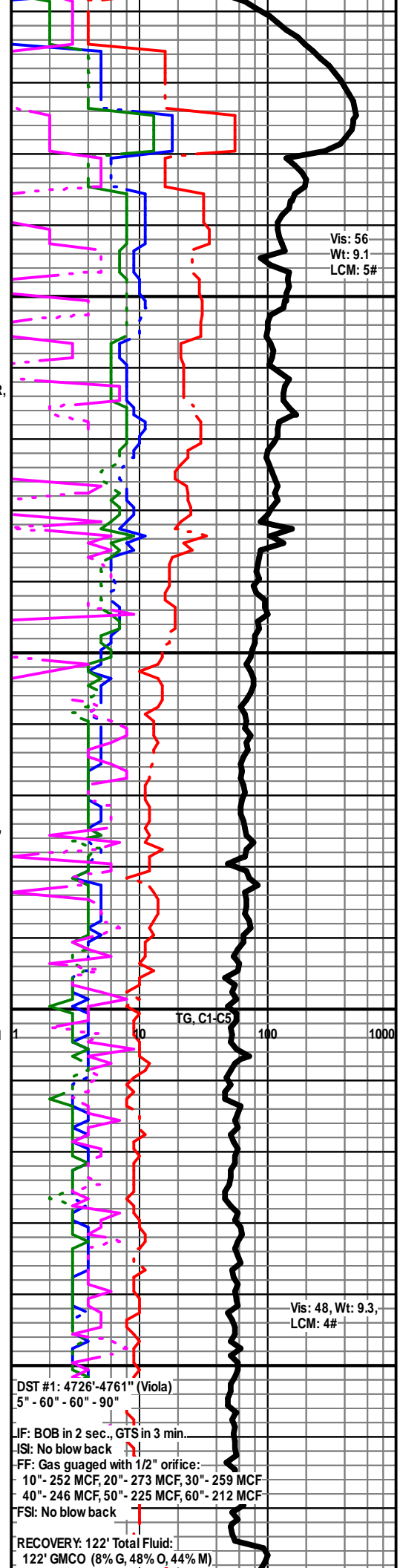
LS - TAN / BRN, VF / F XLN, SCAT REXLN CALC, SL FOSS, PRED DNS, NS W/ CHT - WHT / LT GY, VIT

CHT - LT GY / WHT, VIT W/ LS - TAN / BRN, V SIM TO ABOVE, PRED DNS, NS

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

SH - LT / DK GY / GRN / SCAT BLK

SH - LT / DK GY / BLK / SCAT GRN



Vis: 56
Wt: 9.1
LCM: 5#

Vis: 48, Wt: 9.3,
LCM: 4#

DST #1: 4726'-4761" (Viola)
5" - 60" - 60" - 90"

IF: BOB in 2 sec., GTS in 3 min.

IS: No blow back

FF: Gas gauged with 1/2" orifice:

10" - 252 MCF, 20" - 273 MCF, 30" - 259 MCF

40" - 246 MCF, 50" - 225 MCF, 60" - 212 MCF

FSI: No blow back

RECOVERY: 122' Total Fluid:
122' GMCO (8% G, 48% O, 44% M)

KINDERHOOK
4620 (-3007)

ROP (min/ft)

TG, C1-C5

SIP: 1794-1769 HP: 2340-2341
FP: 61-60, 64-60 BHT: 122

SH - GY / BLK / GRN, CARB IN PT

4700

VIOLA
4725 (-3112)

DOLO - LT GY / SCAT CRM, F / M XLN, RHOMB, P / F INTXLN
+ VUG POR, SL / F SGB, SSFO, FT ODOR, SPTY STN, G
FLOUR + CUT

4750

DOLO + LS - CRM / TAN / GY, MOT IN PT, VF / F XLN, AREN IN
PT, SCAT CHKY, CHTY IN PT, PRED DNS, NS

CFS @ 4761'

DST #1 @ 4,761'

PIPE STRAP @ 4,761': STRAP LONG 4.81'

DOLO + LS - CRM / TAN / GY, MOT IN PT, VF / F XLN, AREN IN
PT, SUBCHKY IN PT, CHTY IN PT, PRED DNS, NS

-DRLG WITH BIT #4: 7-7/8" CONV-
NEW JZ-MD30M; JETS: 14-14-14

DOLO + LS - CRM / TAN / GY / SCAT BRN, MOT IN PT, VF / F
XLN, TR AREN, SUBCHKY IN PT, PRED DNS, NS W/ SCAT
CHT - WHT / LT GY

4800

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

SIMPSON SAND
4834 (-3221)

SS - LT GY / TAN, PRED VF / F QTZ GR, W SRTD, SR / R, MOD
DOLO, P / NO INTGR POR, SSGB IN PT, VSSFO IN PT, NO
ODOR, TR SPTY LT STN, NO / G FLOUR, NO / F CUT W/ SH -
GY / GRN

4850

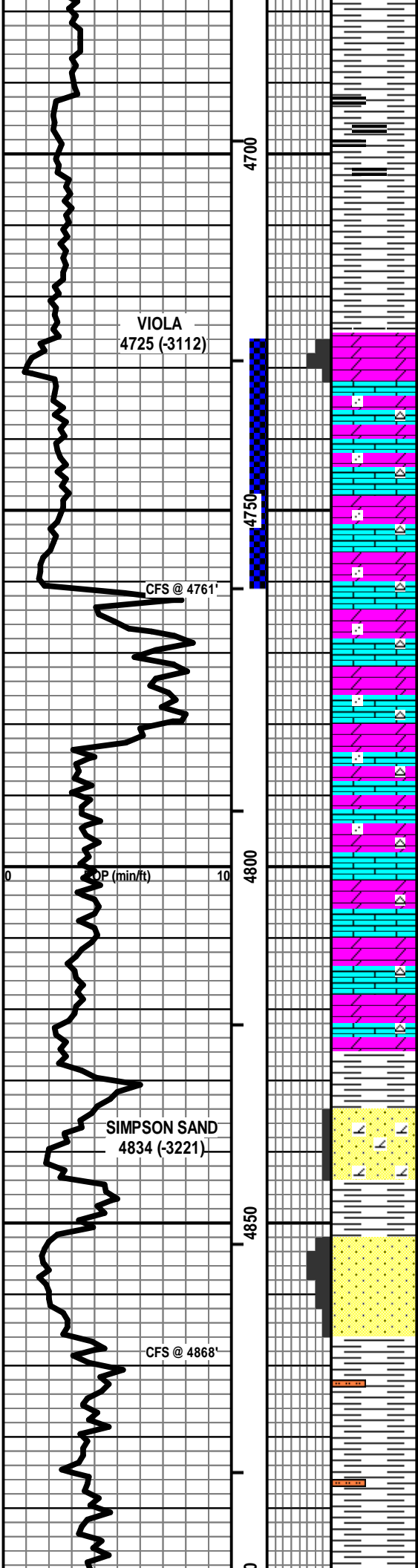
SS - LT GY / CLR, PRED VF / F QTZ GR, SCAT VF / M GR, F / W
SRTD, SR / WR, MOD CALC CEM, P / G INTGR POR, SL / F
SGB IN PT, SSFO IN PT, NO ODOR, SCAT SPTY LT STN, NO / G
FLOUR + CUT W/ SCAT SS - MED GY / TAN, VF QTZ GR,
SLTY IN PT, P / NO SGB + FO W/ SH - GRN / GY

CFS @ 4868'

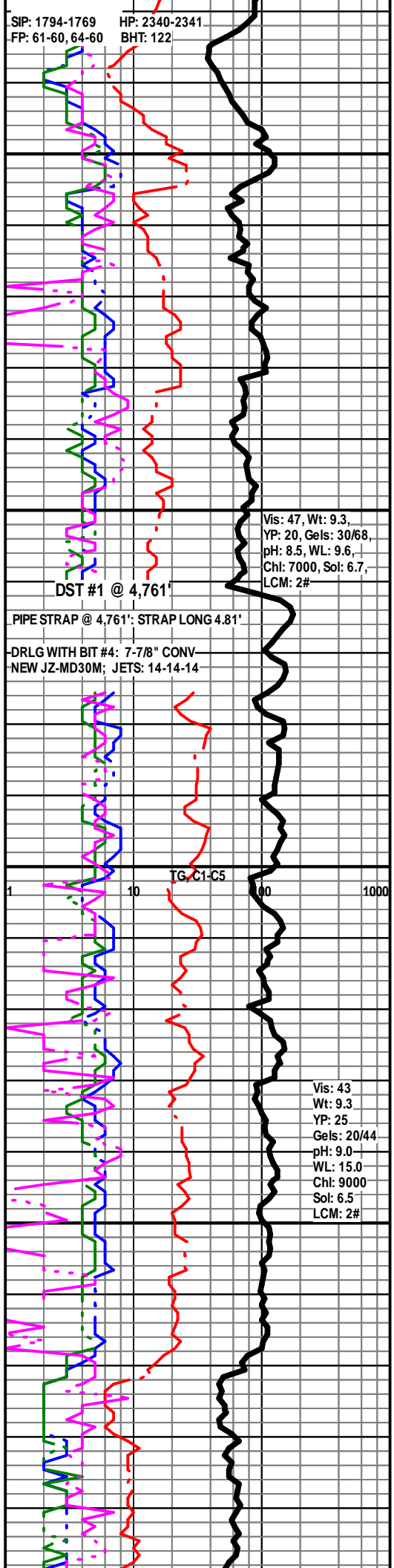
SH - MED / DK GY / GRN, SLTY IN PT

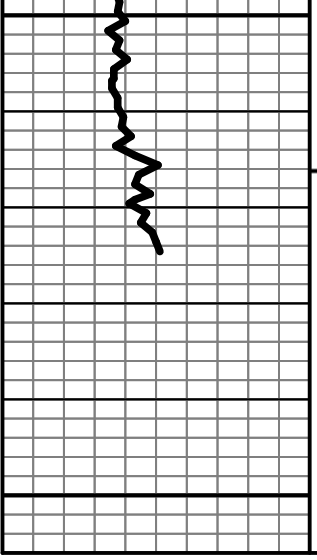
Vis: 47, Wt: 9.3,
YP: 20, Gels: 30/68,
pH: 8.5, WL: 9.6,
Chl: 7000, Sol: 6.7,
LCM: 2#

Vis: 43
Wt: 9.3
YP: 25
Gels: 20/44
pH: 9.0
WL: 15.0
Chl: 9000
Sol: 6.5
LCM: 2#

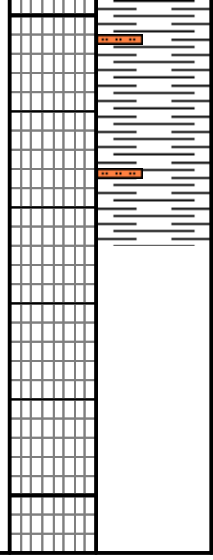


SH - GY / BLK / GRN, CARB IN PT
DOLO - LT GY / SCAT CRM, F / M XLN, RHOMB, P / F INTXLN + VUG POR, SL / F SGB, SSFO, FT ODOR, SPTY STN, G FLOUR + CUT
DOLO + LS - CRM / TAN / GY, MOT IN PT, VF / F XLN, AREN IN PT, SCAT CHKY, CHTY IN PT, PRED DNS, NS
DOLO + LS - CRM / TAN / GY, MOT IN PT, VF / F XLN, AREN IN PT, SUBCHKY IN PT, CHTY IN PT, PRED DNS, NS
DOLO + LS - CRM / TAN / GY / SCAT BRN, MOT IN PT, VF / F XLN, TR AREN, SUBCHKY IN PT, PRED DNS, NS W/ SCAT CHT - WHT / LT GY
DOLO + LS - CRM / TAN / BRN, MOT IN PT, VF / F XLN, SUBCHKY IN PT, PRED DNS, NS W/ SCAT CHT - WHT / LT GY
SS - LT GY / TAN, PRED VF / F QTZ GR, W SRTD, SR / R, MOD DOLO, P / NO INTGR POR, SSGB IN PT, VSSFO IN PT, NO ODOR, TR SPTY LT STN, NO / G FLOUR, NO / F CUT W/ SH - GY / GRN
SS - LT GY / CLR, PRED VF / F QTZ GR, SCAT VF / M GR, F / W SRTD, SR / WR, MOD CALC CEM, P / G INTGR POR, SL / F SGB IN PT, SSFO IN PT, NO ODOR, SCAT SPTY LT STN, NO / G FLOUR + CUT W/ SCAT SS - MED GY / TAN, VF QTZ GR, SLTY IN PT, P / NO SGB + FO W/ SH - GRN / GY
SH - MED / DK GY / GRN, SLTY IN PT



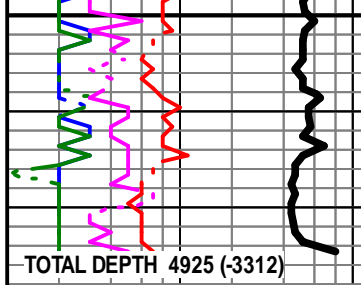


4900
4950



SH - MED / DK GY / GRN, SLTY IN PT

SH - MED / DK GY / GRN, SLTY IN PT



Vis: 55, Wt: 9.3,
LCM: 2#

TOTAL DEPTH 4925 (-3312)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

White Exploration Inc.
 2400 N.Woodlaw n ,Ste.115
 Wichita Ks.67220
 ATTN: David Goldak

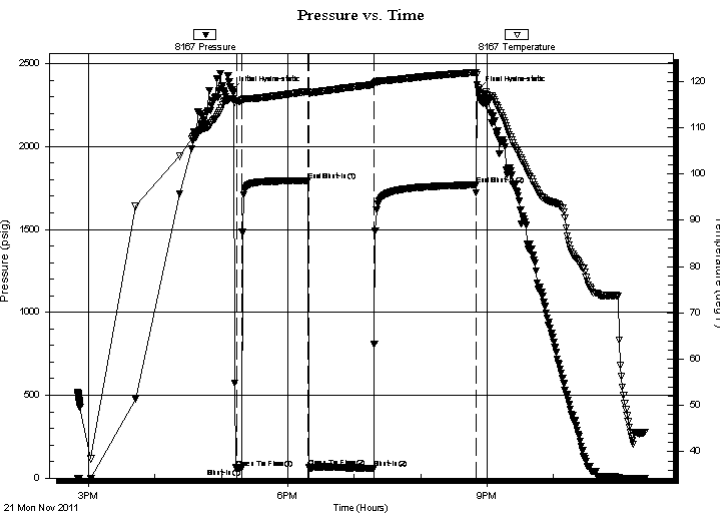
27-32s-12w Barber Ks
Ash #2
 Job Ticket: 44078 **DST#: 1**
 Test Start: 2011.11.21 @ 14:50:21

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:13:36
 Time Test Ended: 23:22:21
 Interval: **4726.00 ft (KB) To 4761.00 ft (KB) (TVD)**
 Total Depth: 4761.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gary Pevoteaux
 Unit No: 56
 Reference Elevations: 1613.00 ft (KB)
 1603.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8167 Inside
 Press @ Run Depth: 60.34 psig @ 4727.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.11.21 End Date: 2011.11.21 Last Calib.: 2011.11.21
 Start Time: 14:50:22 End Time: 23:22:21 Time On Btm: 2011.11.21 @ 17:09:21
 Time Off Btm: 2011.11.21 @ 20:52:06

TEST COMMENT: IF: Strong blow . GTS in 3 1/2 mins.
 IS: No blow .
 FF: Strong blow . (see gas flow report)
 FS: Show of OCM @ blow line after bleeding off blow . No blow . back . ?



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2340.34	116.33	Initial Hydro-static
5	61.17	115.84	Open To Flow (1)
9	60.45	115.74	Shut-In(1)
69	1793.51	117.83	End Shut-In(1)
70	64.02	117.49	Open To Flow (2)
129	60.34	119.31	Shut-In(2)
221	1769.33	121.94	End Shut-In(2)
223	2340.87	118.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	GMCO 8%g 44%m 48%o	0.60

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	23.00	252.29
Last Gas Rate	0.50	19.00	225.31
Max. Gas Rate	0.50	26.00	272.53



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration Inc.

27-32s-12w Barber Ks

2400 N.Woodlaw n ,Ste.115
Wichita Ks.67220

Ash #2

Job Ticket: 44078

DST#: 1

ATTN: David Goldak

Test Start: 2011.11.21 @ 14:50:21

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:

7000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	GMCO 8%g 44%m 48%o	0.600

Total Length: 122.00 ft Total Volume: 0.600 bbl

Num Fluid Samples: 0

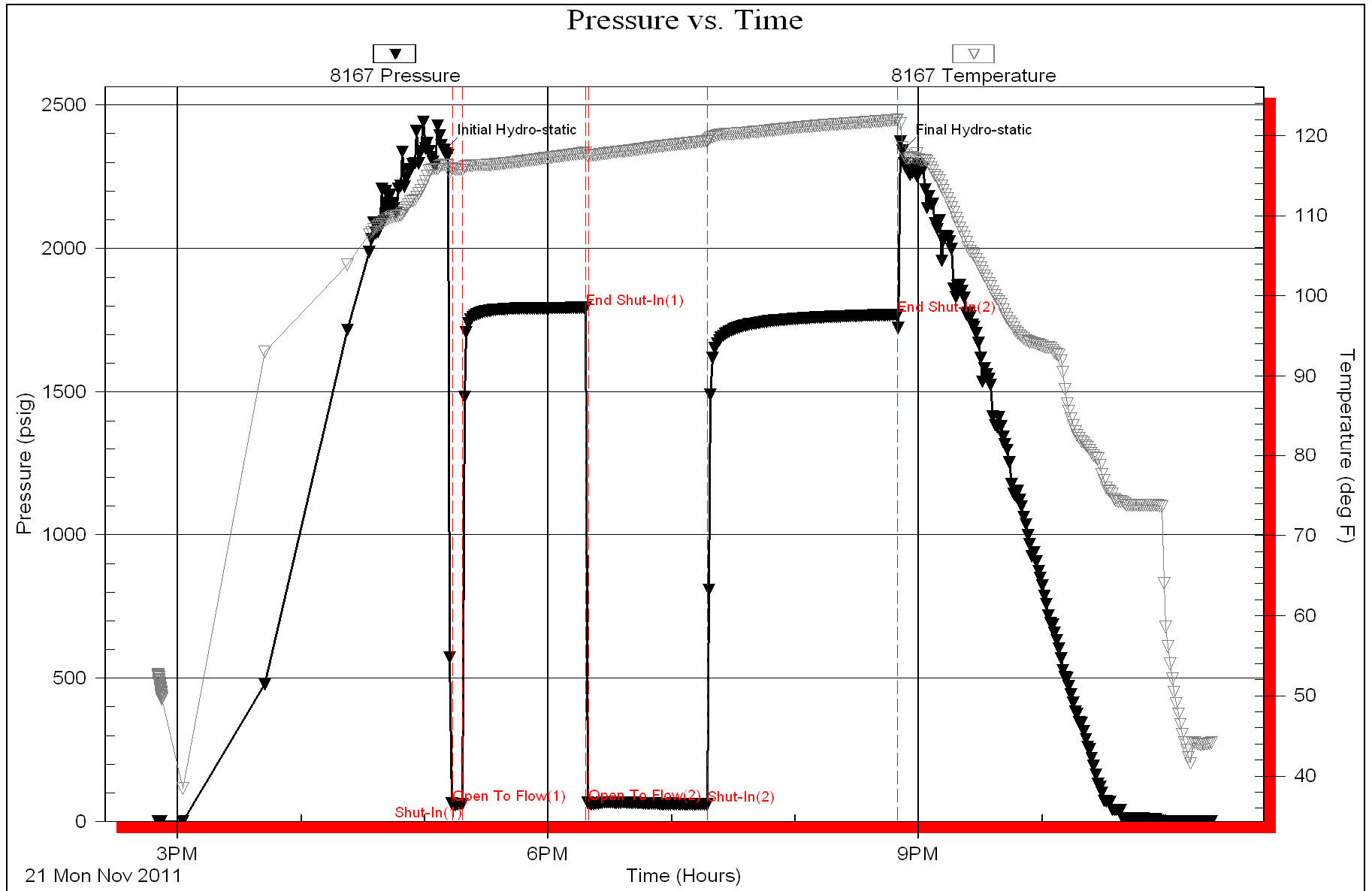
Num Gas Bombs: 1

Serial #: gp-1

Laboratory Name:

Laboratory Location:

Recovery Comments:



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

March 01, 2012

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

Re: ACO1
API 15-007-23798-00-00
Ash 2
SW/4 Sec.27-32S-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