



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1171079
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: _____



1171079

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
--	---

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	BRUNGARDT 1-18
Doc ID	1171079

All Electric Logs Run

INDUCTION
MICRO
POR
SONIC
SPECTRAL

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

December 02, 2013

CLAYTON CAMOZZI
Samuel Gary Jr. & Associates, Inc.
1515 WYNKOOP, STE 700
DENVER, CO 80202

Re: ACO1
API 15-051-26577-00-00
BRUNGARDT 1-18
SE/4 Sec.18-12S-16W
Ellis 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,
CLAYTON CAMOZZI

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7445

Date 8-13-13	Sec. 18	Twp. 12	Range 16	County Ellis	State KS	On Location	Finish 4:30 pm
				Location Blue hill school house 1 1/2 w			

Lease Brungardt	Well No. 1-18	Owner
Contractor Discovery 2		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job Surface		
Hole Size 12 1/4	T.D. 1029	Charge To Sam Gary Jr.
Csg. 8 5/8	Depth 1029	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. 42.14	Shoe Joint 42.14	Cement Amount Ordered 450 com 3% cc 2% gel
Meas Line	Displace 62 3/4 bbl	

EQUIPMENT

Pumptrk 17	No.	Cementer Helper Cody	Common 450
Bulktrk 19	No.	Driver David	Poz. Mix
Bulktrk P4	No.	Driver Travis	Gel. 9
			Calcium 16

JOB SERVICES & REMARKS

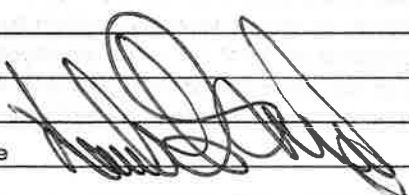
Remarks: cement did circulate	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers 1, 13, 22	Kol-Seal
Baskets 2, 12, 23	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 475
	Mileage

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer 3
	Baskets 3
	AFU Inserts
	Float Shoe
	Latch Down
	1 baffle plate
	Rubber Plug
	Pumptrk Charge Long Surface
	Mileage 25

Tax
Discount
Total Charge

X Signature





QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 8/18/2013
 Invoice # 7292

P.O.#:
 Due Date: 9/17/2013
 Division: Russell

Invoice

Contact:
 Samuel Gary Jr & Associates Inc
Address/Job Location:
 Samuel Gary Jr & Associates Inc
 1815 11th Street
 Great Bend, KS 67530

RECEIVED

AUG 28 2013

**SAMUEL GARY JR.
 & ASSOCIATES, INC.**

DRLG COMP W/O LOE GG

Account	8200.145
Well/Prospect	
Deck	
AFE	
Approval	<i>[Signature]</i>
Description	

Reference:
 BRUNGARDT 1-18

Description of Work:
~~CIRCULATE CEMENT~~

plug Job

Services / Items Included:	Quantity	Price	Taxable
Labor		\$ 1,020.55	Yes
Common-Class A	162	\$ 2,715.88	Yes
POZ Mix-Standard	108	\$ 760.45	Yes
Bulk Truck Matl-Material Service Charge	280	\$ 625.88	Yes
Pump Truck Mileage-Job to Nearest Camp	28	\$ 312.32	Yes
Bulk Truck Mileage-Job to Nearest Bulk Plant	28	\$ 182.76	Yes
Premium Gel (Bentonite)	10	\$ 181.95	Yes
Flo Seal	67	\$ 149.76	Yes
Dry Hole Plug	1	\$ 62.59	Yes

Item	Quantity	Price	Taxable
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Invoice Terms:

Net 30

SubTotal:	\$	6,012.14
Discount Available <u>ONLY</u> if Invoice is Paid & Received within listed terms of invoice:	\$	(901.82)
<hr/>		
SubTotal for Taxable Items:	\$	5,110.32
SubTotal for Non-Taxable Items:	\$	-
<hr/>		
Total:	\$	5,110.32
Tax:	\$	314.28
<hr/>		
Amount Due:	\$	5,424.60
Applied Payments:		
Balance Due:	\$	5,424.60

6.15% Ellis County Sales Tax

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
 ©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7292

Date	8-18-13	Sec.	18	Twp.	12	Range	16	County	Ellis	State	KS	On Location		Finish	9:15 PM
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Location Blue Hill School House 2W

Lease	Brungardt	Well No.	1-18	Owner	
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Contractor	Discovery #2		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
------------	--------------	--	--	--	--

Type Job	Plug		Charge To	Sam Gary Jr + Assoc
----------	------	--	-----------	---------------------

Hole Size	7 7/8	T.D.	3550'	Street	
-----------	-------	------	-------	--------	--

Csg.	Drill Pipe	Depth		City	State
------	------------	-------	--	------	-------

Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
-----------	--	-------	--	--	--

Tool		Depth		Cement Amount Ordered	270 60/40 40/0 Gel 1/4 # F10
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Cement Left in Csg.		Shoe Joint			
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Meas Line		Displace			
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EQUIPMENT

Pumptrk	15	No.	Cementer		Common	162
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			Helper	Vick	Poz. Mix	108
--	--	--	--------	------	----------	-----

Bulktrk	14	No.	Driver	Lonnie M	Gel.	10
---------	----	-----	--------	----------	------	----

Bulktrk	PU	No.	Driver	Brett	Calcium	
---------	----	-----	--------	-------	---------	--

JOB SERVICES & REMARKS

Remarks:		Hulls	
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Rat Hole	30 sk	Salt	
----------	-------	------	--

Mouse Hole	15 sk	Flowseal	67#
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Centralizers		Kol-Seal	
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Baskets		Mud CLR 48	
---------	--	------------	--

D/V or Port Collar		CFL-117 or CD110 CAF 38	
--------------------	--	-------------------------	--

		Sand	
--	--	------	--

		Handling	280
--	--	----------	-----

1st Plug @ 3550 w/ 50 sk		Mileage	8 5/8
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2nd Plug @ 1250 w/ 25 sk			Float Equipment
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3rd Plug @ 1075 w/ 40 sk		Guide Shoe	
--------------------------	--	------------	--

4th Plug @ 650 w/ 100 sk		Centralizer	
--------------------------	--	-------------	--

5th Plug @ 40 w/ 10 sk		Baskets	
------------------------	--	---------	--

		AFU Inserts	
--	--	-------------	--

		Float Shoe	
--	--	------------	--

		Latch Down	
--	--	------------	--

		Wood Plug-1	
--	--	-------------	--

		Pumptrk Charge	plug
--	--	----------------	------

		Mileage	88
--	--	---------	----

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		Tax	
--	--	-----	--

		Discount	
--	--	----------	--

		Total Charge	
--	--	--------------	--

X Signature

[Handwritten Signature]



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates, Inc.

18-12-16

1515 Wynkoop, Ste 700
Denver, CO 80202

Brungardt 1-18

Job Ticket: 54426

DST#: 1

ATTN: Chris Mitchell

Test Start: 2013.08.16 @ 21:00:00

GENERAL INFORMATION:

Formation: **Lansing A-E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:32:30

Time Test Ended: 02:53:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan L

Unit No: 59

Interval: **3266.00 ft (KB) To 3343.00 ft (KB) (TVD)**

Reference Elevations: 2061.00 ft (KB)

Total Depth: 3343.00 ft (KB) (TVD)

2053.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6753

Inside

Press @ Run Depth: 50.63 psig @ 3275.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.16

End Date:

2013.08.17

Last Calib.: 2013.08.17

Start Time: 21:00:05

End Time:

02:52:59

Time On Btm: 2013.08.16 @ 22:32:00

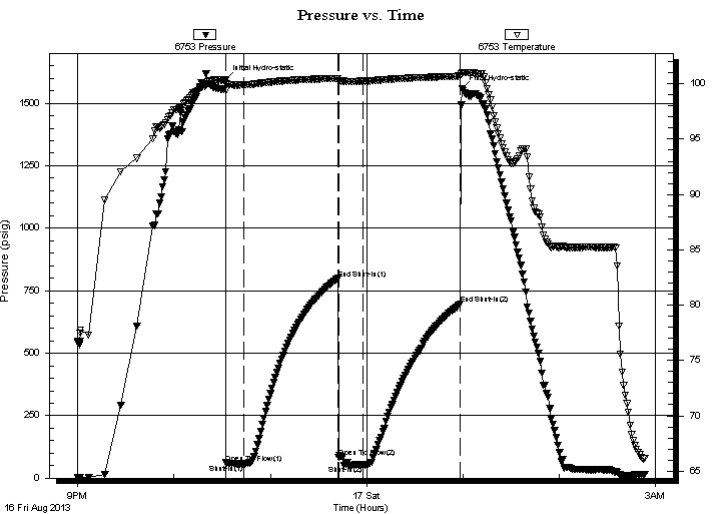
Time Off Btm: 2013.08.17 @ 00:59:30

TEST COMMENT: 10- IF- Surface blow

60- ISI- No blow

15- FF- No blow

60- FSI- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1595.29	100.33	Initial Hydro-static
1	60.81	99.43	Open To Flow (1)
12	56.90	99.92	Shut-In(1)
70	798.55	100.49	End Shut-In(1)
71	83.21	100.26	Open To Flow (2)
86	50.63	100.23	Shut-In(2)
146	696.55	100.69	End Shut-In(2)
148	1556.41	100.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mw / show of O, 100%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Associates, Inc.

18-12-16

1515 Wynkoop, Ste 700
Denver, CO 80202

Brungardt 1-18

Job Ticket: 54426

DST#: 1

ATTN: Chris Mitchell

Test Start: 2013.08.16 @ 21:00:00

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mw/ show of O, 100%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

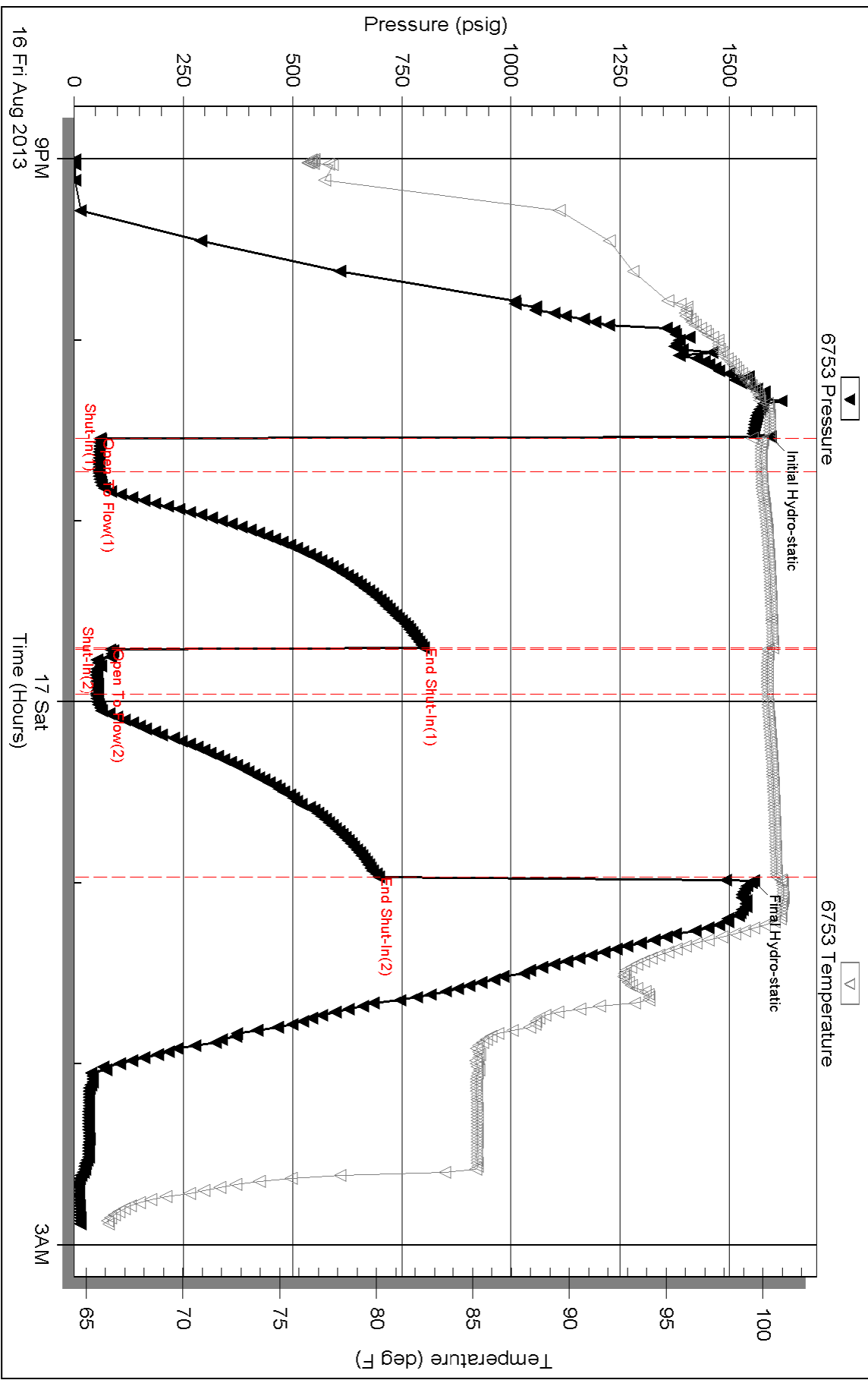
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

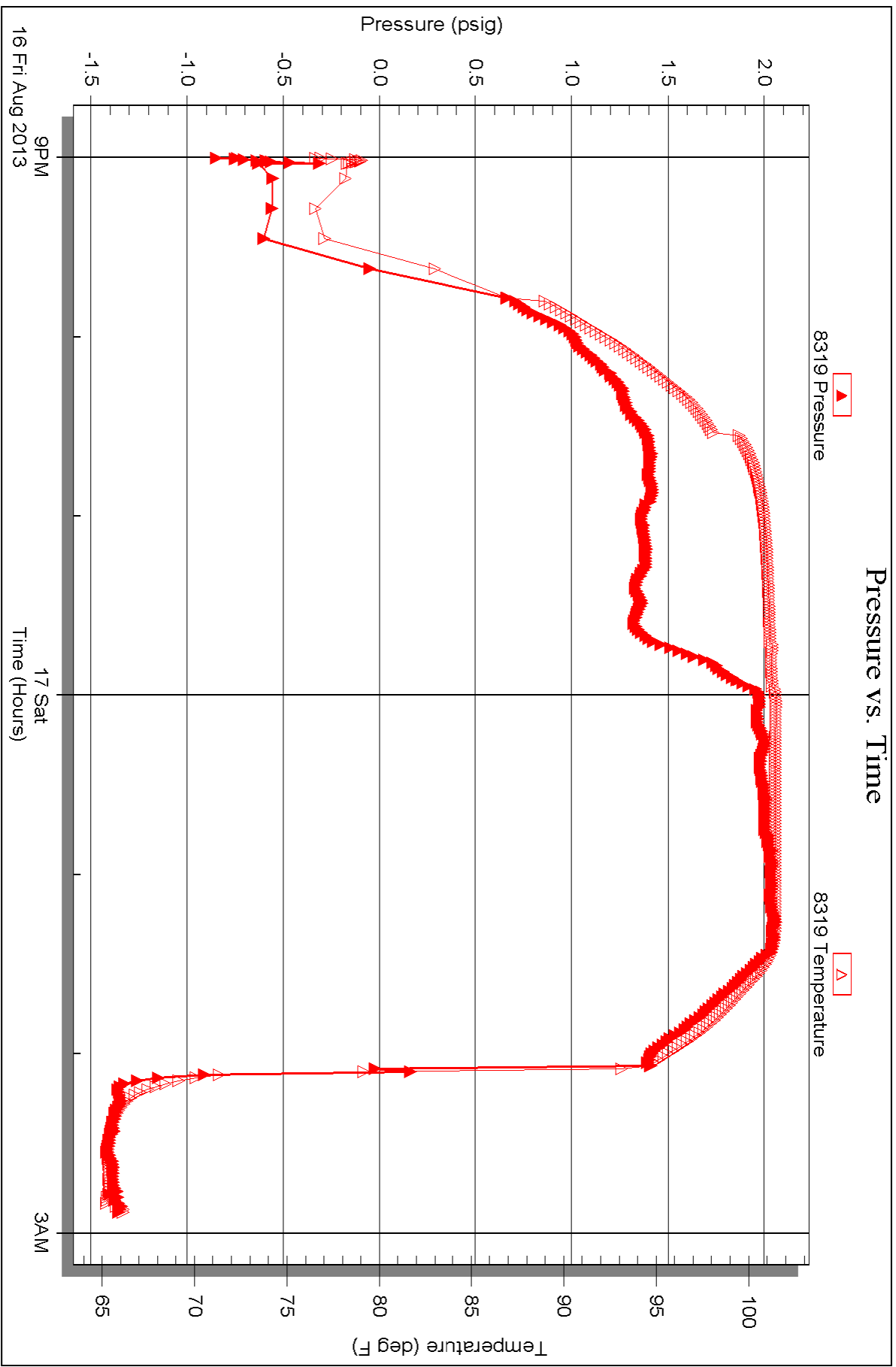


Serial #: 8319

Samuel Gary Jr. & Associates, Inc.

Bungardt 1-18

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 54426

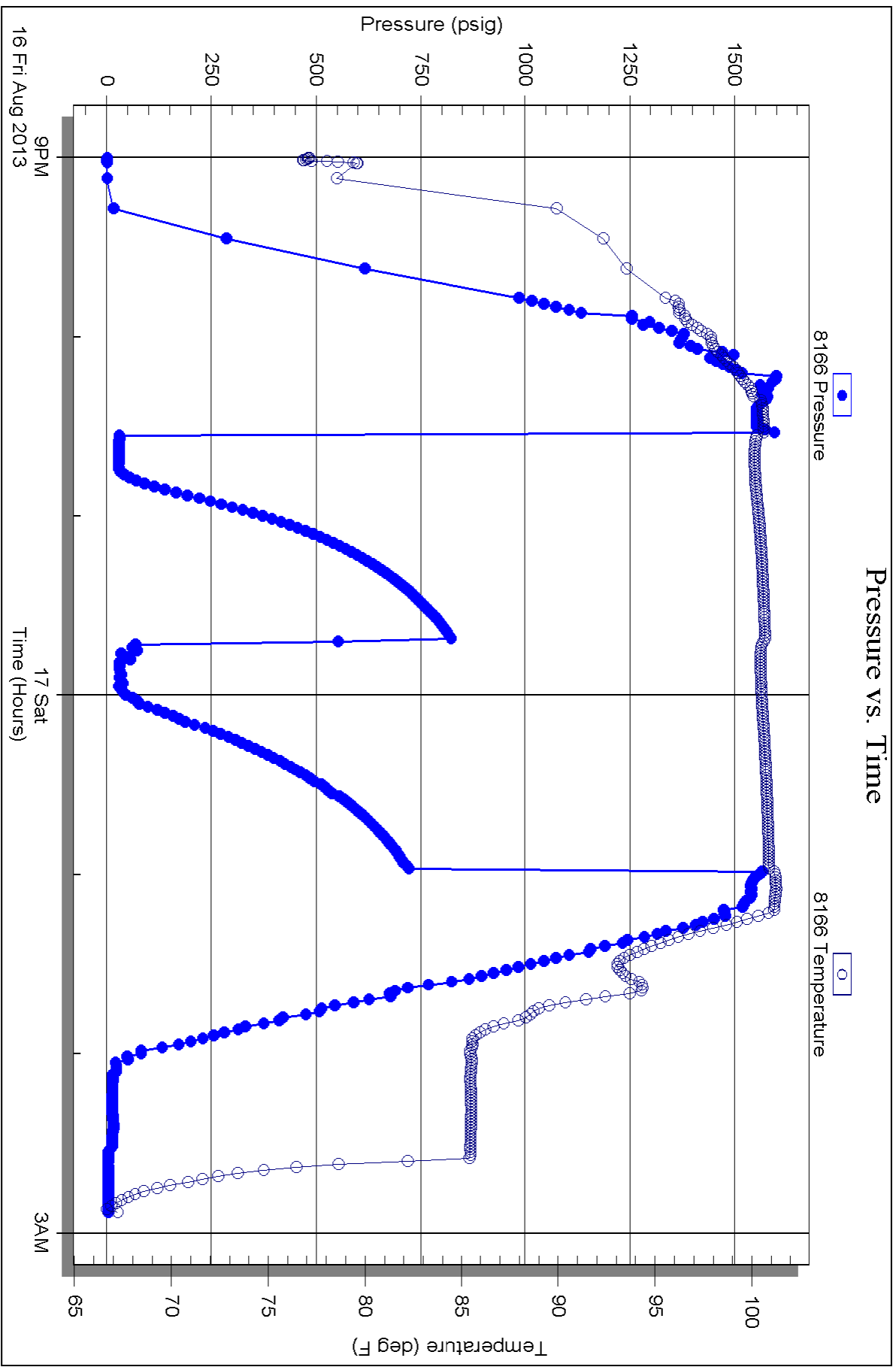
Printed: 2013.08.17 @ 03:50:06

Serial #: 8166

Outside Samuel Gary Jr. & Associates, Inc.

Brungradt 1-18

DST Test Number: 1





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

Well Name: Brungardt 1-18
 Location: Sec. 18-12S-16W Ellis County, Kansas
 License Number: 15-051-26577-0000
 Spud Date: Aug 13, 2013
 Surface Coordinates: 1020 FSL/ 1025 FEL
 Region: WILDCAT
 Drilling Completed: Aug 18, 2013

Bottom Hole Coordinates:
 Ground Elevation (ft): 2051' K.B. Elevation (ft): 2061'
 Logged Interval (ft): 2950' To: 3670' Total Depth (ft): 3670'
 Formation:
 Type of Drilling Fluid:

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

OPERATOR

Company: Samuel Gary Jr. & Assoc.
 Address: 1515 Wynkoop, Ste. # 700
 Denver, Colo. 80202
 Geo: Chris Mitchell

GEOLOGIST

Name: Aaron Suelter
 Company: Earth Tech OGL, Inc.
 Address: PO Box 683
 Hooker, Okla . 73945
 Off. 888-543-8378 Cell: 620-600-0777

DST's Report

DST#1 3266'-3343' 10 60 15 60
 IF- SURFACE BLOW/ ISI- NO BLOW/ FF- NO BLOW/ FSI- NO BLOW
 IH- 1595, FH- 1556/ IF- 61 TO 83/ FF- 57 TO 51/ ISI- 799, FSI- 697
 RECOVERY- 10' MUD W/ SHOW OF OIL

ROCK TYPES

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

OTHER SYMBOLS

POROSITY TYPE

- E Earthy
- B Fenest
- F Fracture
- X Inter
- A 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

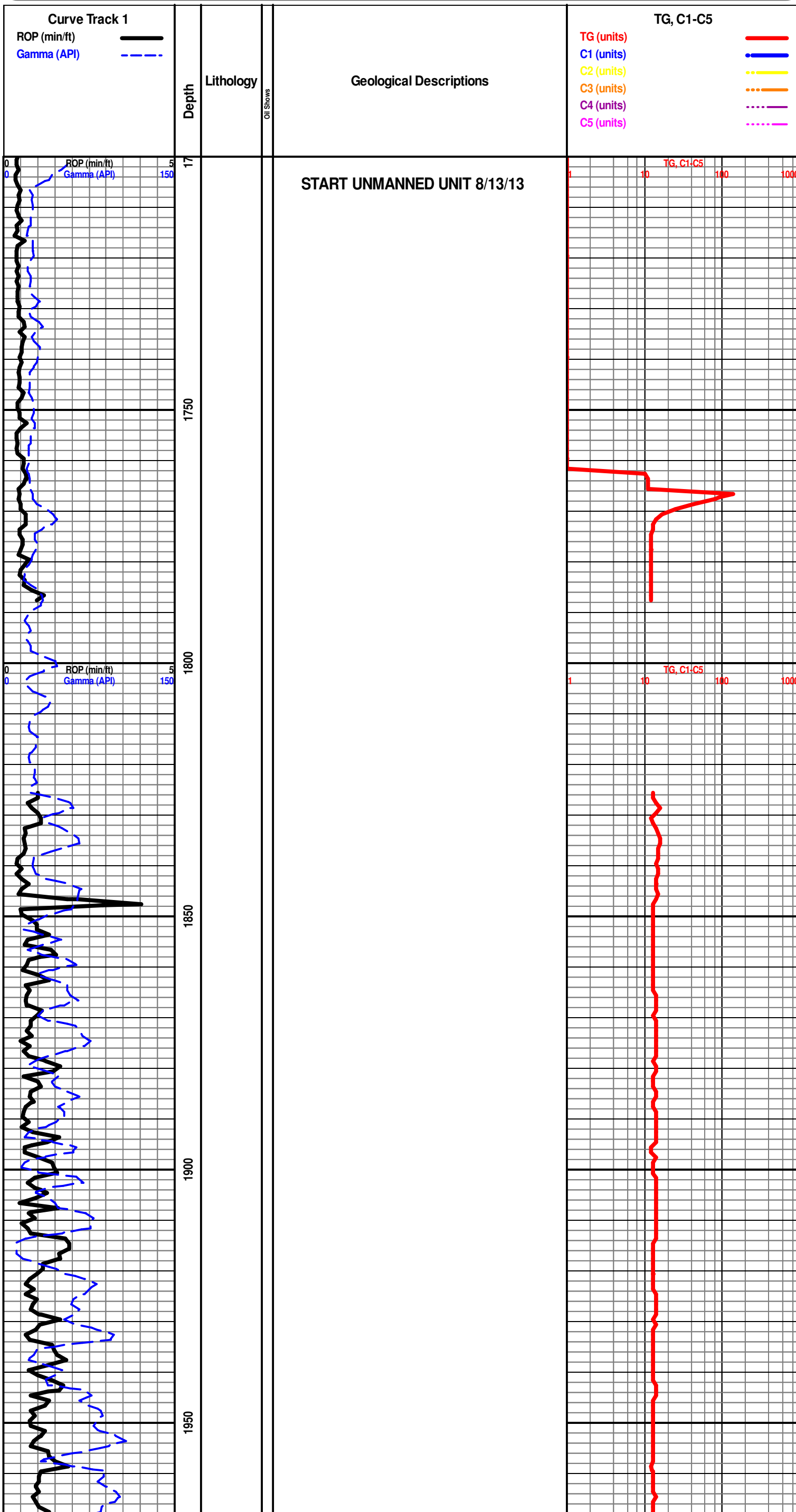
- Even
- ◐ Spotted
- ◑ Ques
- ◒ Dead
- ⊠ Gas show

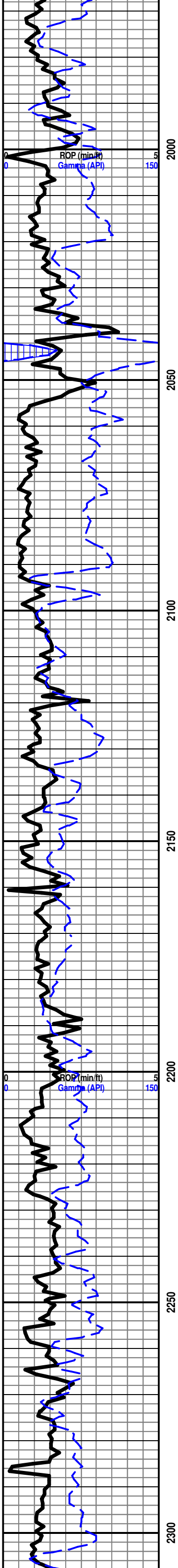
INTERVALS

- Core
- ◻ Dst
- ◼ Dst

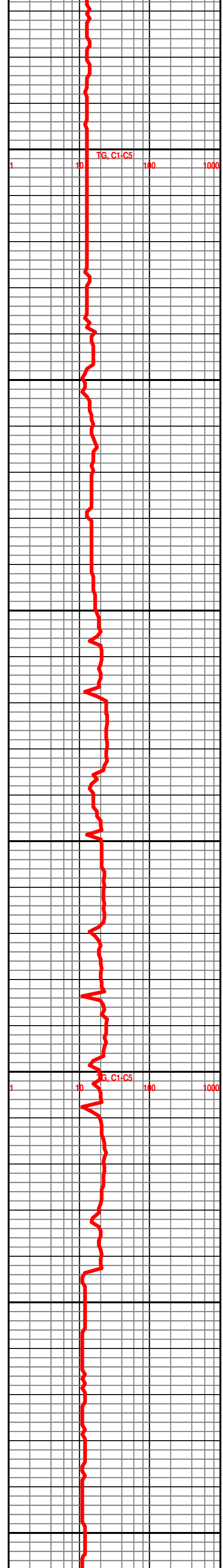
EVENTS

- ◻ Rft
- ◼ Sidewall

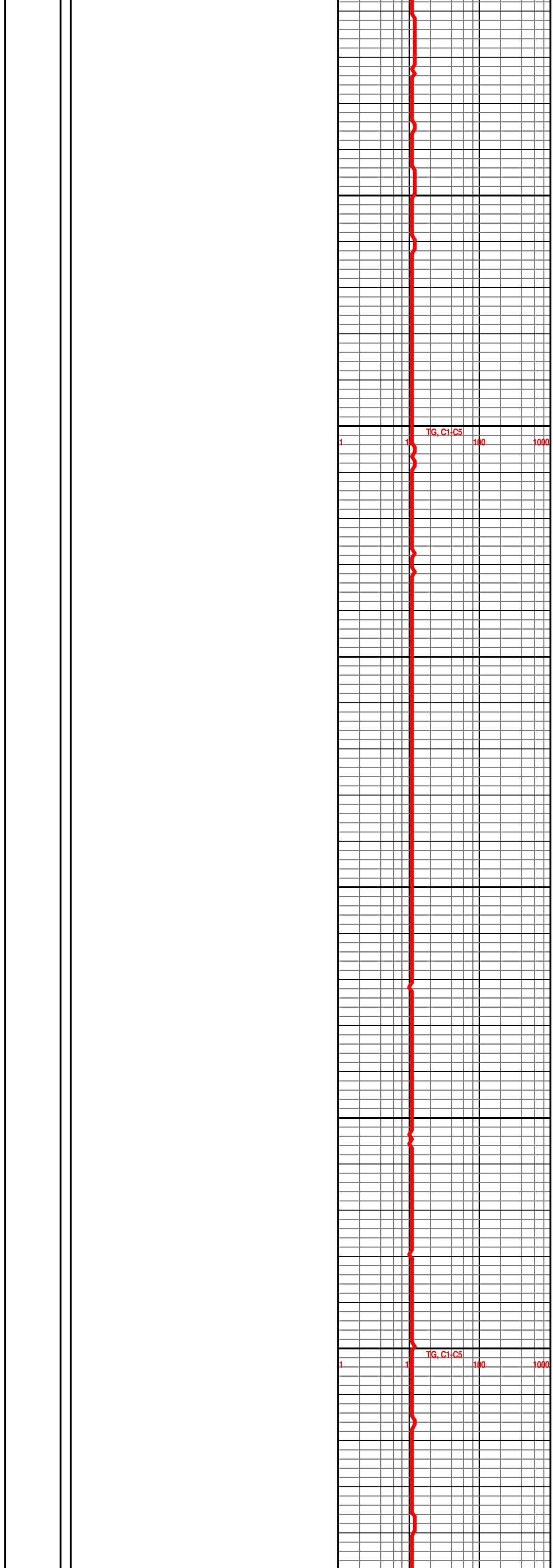
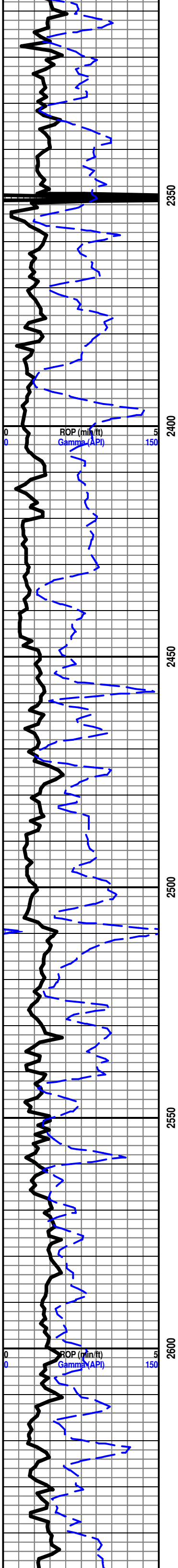


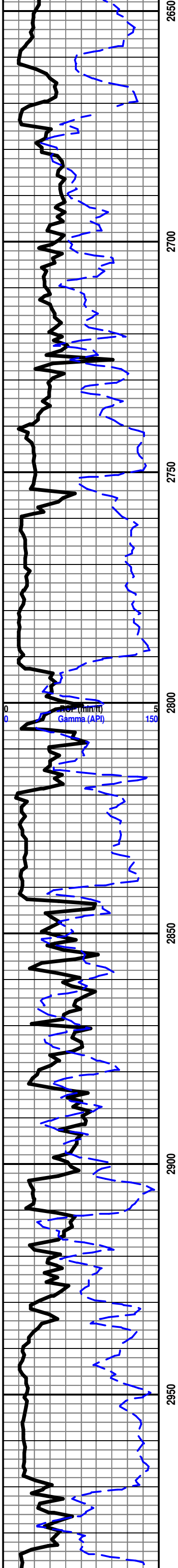


2000 2050 2100 2150 2200 2250 2300



1 10 100 1000

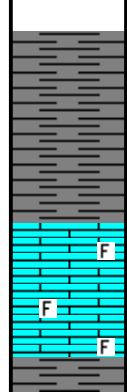




2650
2700
2750
2800
2850
2900
2950

Gamma (API)
Gamma (API)

150

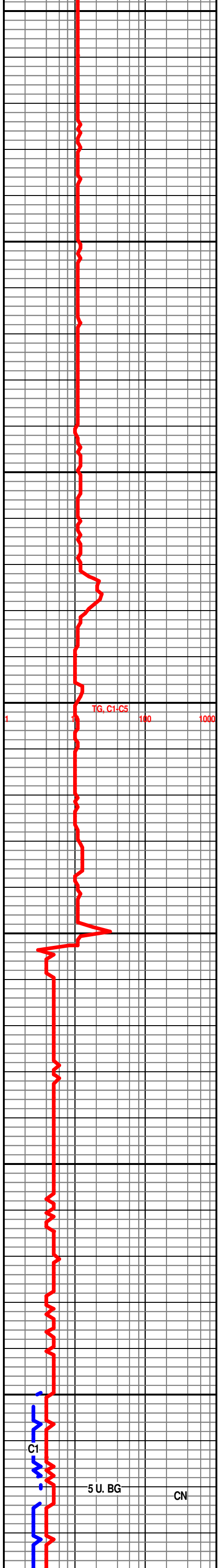


START 24 HOUR MANNED UNIT 8/15/13

SH- BRWN GY TO DK GY, FRM BLKY, SMTH TXT

HOWARD 2968' -907'

LS- LT TN TO TN, HD DNS TO BRIT, V/F TO F XLN CHLKY
MTRX, S-SUCRO IP, SCAT IMBD FOSS FRG IP, NO VIS
FLO, NO VIS POR, NO VIS SHOW

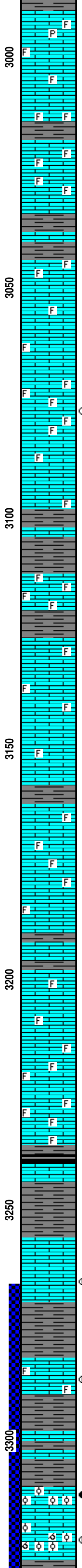
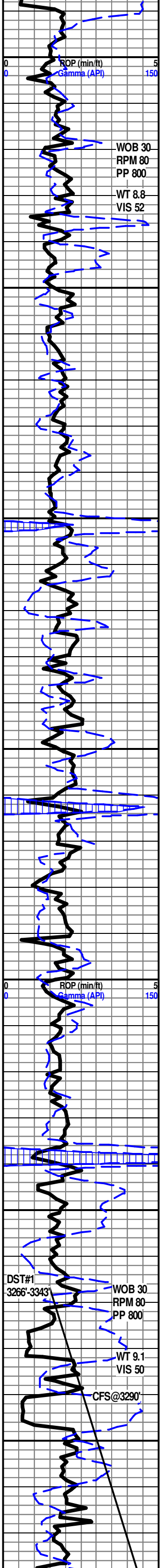


TG, C1-C5
100 1000

C1

5 U. BG

CN



TOPEKA 2989' -928'
 LS- LT TN TO TN, HD DNS TO V/ BRIT IP, F XLN SUCRO MTRD, RE-XLN IP, SCAT IMBD FOSS FRG THRU, SLI TR IMBD CALC XLS IP, SLI TR PYR IN TRAY, NO VSI FLO, NO VIS POR, NO VIS SHOW

LS- LT TN TO TN, HD DNS TO BRIT IP, F XLN SUCRO MTRX, RE-XLN IP, SCAT IMBD FOSS FRG IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

SGA TOPEKA 3018' -957'
 LS- CRM TO TN, HD DSN TO BRIT IP, V/F TO F XLN SUCRO MTRX, S-CHLKY, ABDT IMBD FOSS FRG THRU, SFT WHT CHLK IN TRAY, NO VIS FLO, NO VIS POR, NO VIS SHOW

SH- BRWN TO GY, FRM BLKY, SMTH TXT

LS- LT TN TO DK TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, RE-XLN, SCAT IMBD FOSS FRG THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- LT TN TO TN, HD DNS TO BRIT IP, F TO MD XLN RE XLN MTRX, S-SUCRO IP, SLI TR SCAT IMBD FOSS FRG THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

3077-3079' LS- LT TN TO TN W/ TN OIL STN IN 20%, HD DNS TO BRIT IP, F XLN RE-XLN MTRX, S-SUCRO IP, ABDT IMBD FOSS FRG IP, DUL YEL FLO IN 10%, PR INTR FOSS POR IN 2%, NO FLSH CUT, WK SLW STRM IN 20%, NO LCH ON DISH

LS- LT TN TO DK TN, HD DNS TO BRIT IP, V/F TO F XLN RE-XLN MTRX, S-SUCRO, SCAT IMBD FOSS FRG IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

SH- GY TO DK GY, FRM BLKY, SMTH TXT

LS- CRM TO LT TN, HD DNS TO BRIT, V/F TO F XLN CHLKY MTRX, S-SUCRO, ABDT IMBD FOSS FRG THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

LE COMPTON 3125' -1064'
 LS- OFF WHT TO TN, HD DNS TO BRIT IP, V/F TO CRYPTP XLN, S-CHLKY IP, SLI TR IMBD FOSS FRG IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- OFF WHT TO TN, HD DNS OT BRIT IP, F TO MD XLN RE-XLN MTRX, S-CHLKY, SCAT IMBD FOSS FRG THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- OFF WHT TO CRM, HD DNS TO BRIT, V/F TO F XLN SUCRO MTRX, S-CHLKY, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- LT TN TO TN, HD DNS TO BRIT IP, F XLN SUCRO MTRX, RE-XLN IP, SCAT IMBD FOSS FRG IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- LT TN TO TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, S-CHLKY IP, SCAT IMBD FOSS FRG IP, TR SFT WHT CHLK IN TRAY, NO VIS FLO, NO VIS POR, NO VIS SHOW

SH- LT GY TO GY, FRM BLKY, SMTH TXT

LS- CRM TO LT TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, S-CHLKY IP, SLI TR IMBD FOSS FRG IP, SFT WHT CHLK IN TRAY, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- CRM TO LT TN, HD DNS TO BRIT IP, F TO MD SUCRO MTRX, IMBD FOSS FRG THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- OFF WHT TO CRM, HD DNS TO BRIT, F XLN CHLKY MTRX, S-SUCRO IP, ABDT IMBD FOSS FRG THRU, NO VIS FLO, PR INTR FOSS POR IN 3%, NO VIS SHOW

HEEBNER 3237' 1176'
 SH- BLCK, SFT, CARB

SH- BRW LT GY TO DK GY, FRM BLKY, SLTY TO SMTH TXT

3265'-3267' LS- OFF WHT TO CRM W/ TN OIL STN IN 40%, HD DNS TO V/BRIT IP, V/F TO F XLN SUCRO MTRX, S-CHLKY, TR SFT WHT CHLK IN TRAY, BRT YEL GLD FLO IN 40%, PR INT XLN POR IN 3%, WK FLSH CUT IN 40%, WK SLW STRM IN 40%, NO LCH ON DISH

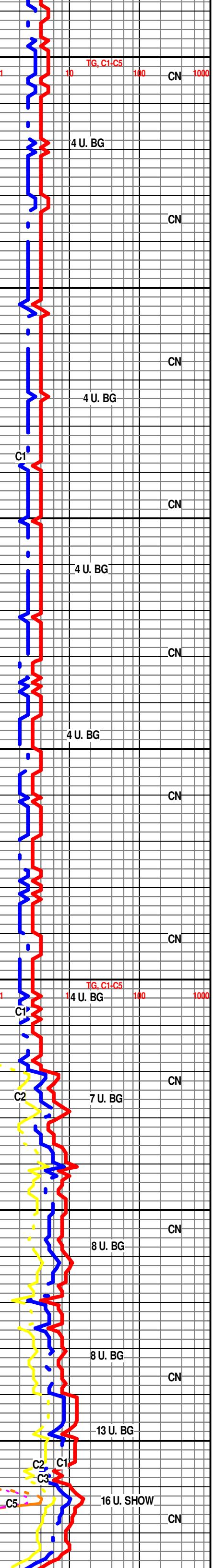
DOUGLAS 3271' -1210'
 SH- GY TO DK GY, FRM BLKY, SLTY TXT

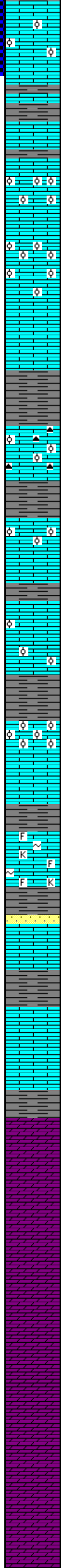
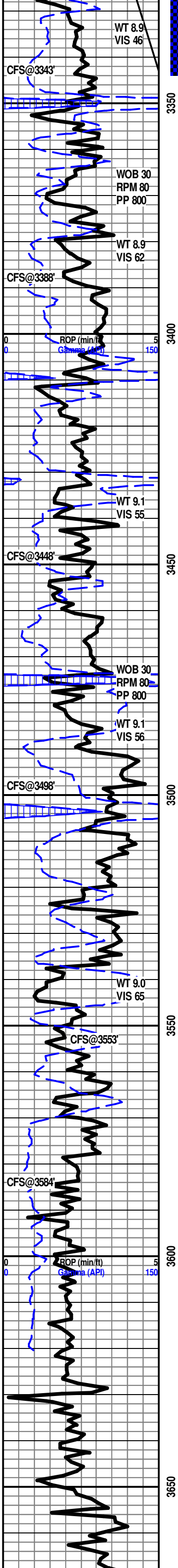
LANSING 3282' -1221'
 3286'-3288' LS- CRM TO LT TN W/ TN OIL STN IN 70%, HD DNS TO BRIT IP, F XLN SUCRO MTRX, SCAT IMBD FOSS FRG IP, DUL YEL GLD FLO IN 70%, PR INTR XLN POR IN 3%, FR VUG POR IN 1%, PR FLSH CUT IN 70%, PR TO FR SLW STRM IN 70%, LT TN LCH ON DISH

SH- BRWN LT GY TO GY, FRM BLKY, SMTH TO SLTY TXT

LANSING "C" 3309' -1248'
 3311'-3314' LS- CRM TO LT TN W/ TN OIL STN IN 75%, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD OOL THRU, SLI TR IMBD PYR IP, DUL YEL GLD FLO IN 80%, PR TO FR INTR OOL POR IN 2% PR TO FR INTR XLN POR IN 3%, FR VUG POR IN 2%, FR FLSH CUT IN 80%, FR TO GD SLW STRM IN 80%, LT TN LCH ON DISH, WK OIL ODOR

3320'-3322' LS- CRM TO LT TN W/ LT TN TO TN OIL STN IN 40%, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD OOL THRU, SLI TR





OOLMLD IP, DUL YEL GLD FLO IN 40%, PR INTR OOL POR IN 2%, PR TO FR OOLMLD POR IN 2%, FR FLSH CUT IN 30%, PR TO FR SLW STRM IN 40%, NO LCH ON DISH

LS- CRM TO LT TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, SCAT IMBD OOL THRU, SLI TR IMBD CALC XLS IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

LANSING "F" 3354' -1293'

LS- OFF WHT TO LT TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, SCAT IMBD CALC XLS IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

3369'-3372' LS- CRM TO TN W/ TN OIL STN IN 25%, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD OOL THRU, ABDT SFT WHT CHLK IN TRAY, DUL YEL GLD FLO IN 40%, PR TO FR INTR OOL POR IN 3%, FR SLW FLSH CUT IN 40%, FR TO GD SLW STRM IN 40%, NO LCH ON DISH

3379'-3382' LS- LT TN TO TN W/ TN OIL STN IN 30%, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD OOL THRU, SFT WHT CHLK IN TRAY, DUL YEL GLD FLO IN 30%, PR TO FR INTR OOLPOR IN 3%, WK FLSH CUT IN 30%, PR TO FR SLW STRM IN 30%, NO LCH ON DISH

LS- OFF WHT TO CRM, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX S-CHLKY IP, SFT WHT CHLK IN TRAY, NO VIS FLO, NO VIS POR, NO VIS SHOW

SH- GRN BRWN TO GY, FRM BLKY, SMTH TXT

LANSING "H" 3420' -1359'

LS- GY TO LT TN, HD DNS, V/F TO F XLN SUCRO MTRX, ABDT IMBD OOL THRU, SLI TR IMBD CALC XLS IP, TN TO DK GY CHRT IN TRAY, NO VIS FLO, NO VIS POR, NO VIS SHOW

SH- BRWN GY TO DK GY, FRM BLKY, SMTH TXT

3442'-3443' LS- LT TN TO TN W/ TN OIL STN IN 60%, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, IMBD OOL IP, DUL YEL GLD FLO IN 60%, PR INTR OOL POR IN 2%, PR INTR XLN POR IN 2%, WK FLSH CUT IN 60%, PR SLW STRM IN 60%, NO LCH ON DISH

3466'-3467' LS- OFF WHT TO CRM W/ TN OIL STN IN 40%, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, S-CHLKY IP, SCAT IMBD OOL IP, DUL YEL GLD FLO IN 40%, PR INTR XLN POR IN 2%, NO FLSH CUT, PR SLW STRM IN 30%, NO LCH ON DISH

SH- BRWN GY TO DK GY, FRM BLKY TO SFT GMMY IP, SLI TR IMBD CALC XLS IP, SMTH TXT

3486'-3490' LS OFF WHT TO CRM W/ TN OIL STN IN 70%, HD DNS TO V/BRIT IP, V/F TO MD XLN SUCRO MTRX, RE-XLN IP, ABDT IMBD OOL THRU, DUL YEL GLD FLO IN 40%, BRT YEL GLD FLO IN 30%, FR TO GD INTR OOL POR IN 3%, FR INTR XLN POR IN 2%, V/GD INTR OOL POR IN 2%, FR FLSH CUT IN 70%, FR TO GD SLW STRM IN 70%, TN LCH ON DISH

LS- CRM LT TN TO TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, S-CHLKY IP, SCAT IMBD FOSS FRG IP, SLI TR IMBD KAOL OR GLAUC, NO VIS FLO, NO VIS POR, NO VIS SHOW

BKC 3520' -1459'

3526'-3528' SS- CRM TO LT TN W/ TN OIL STN IN 55%, LOS IN 2% LIME GRN, TT TO FRI, F TO MD GRN S-ANG TO S-RND, WLL SRT, SIL CMNT, DUL YEL GLD FLO IN 85%, TT TO FR INTR GRN POR IN 15%, FR FLSH CUT IN 70%, PR SLW STRM IN 70%, NO LCH ON DISH

SH- BRWN GY TO DK GY, FRM BLKY, SMTH TXT

LS- CRM TO LT TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, S-CHLKY IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

SH- GRN BRWN TO GY, SFT GMMY TO FRM BLKY, SMTH TXT

ARBUCKLE 3570' -1509'

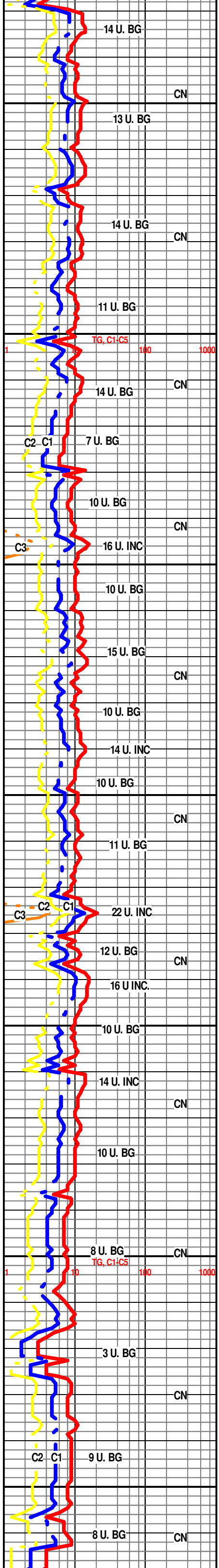
DOLO- LT TN TO TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD F TO SM S-RND TO RND DOLO GRNS THRU, ABDT SFT WHT CHLK IN TRAY, NO VIS FLO, TT TO PR INTR GRN POR IN 5%, NO VIS SHOW

DOLO- LT TN TO TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD F TO MD S-RND TO S-ANG DOLO GRNS THRU, ABDT SFT WHT CHLK IN TRAY NO VIS FLO, TR TO PR INTR GRN POR IN 10%, NO VIS SHOW

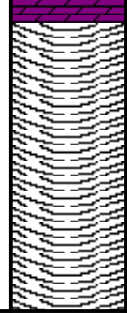
DOLO- LT TN TO DK TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD SM TO MD S-ANG TO S-RND DOLO GRNS THRU, ABDT SFT WHT CHLK IN TRAY, NO VIS FLO, PR TO FR INTR GRN POR IN 10%, NO VIS SHOW

DOLO- LT TN TO DK TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD SM TO MD S-ANG TO S-RND DOLO GRNS THRU, ABDT SFT WHT CHLK IN TRAY, NO VIS FLO, PR TO FR INTR GRN POR IN 10%, NO VIS SHOW

DOLO- CRM TO LT TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD SM TO MD S-ANG TO S-RND DOLO GRNS THRU, SFT WHT CHLK IN TRAY, NO VIS FLO, PR TO FR INTR GRN POR IN 10%, NO VIS SHOW



CFS@3670'
30,60
TD@3670'
CTCH 1.5 HOURS



R.T.D. @ 3:30 AM 8/18/13
SHORT TRIP
DROP SURVEY
TOFL
WEATHERFORD / LIBERAL

TD@3670'
SAMPLES WILL BE DELIVERED TO KGS
THANK YOU FOR CHOOSING EARTH TECH
AARON SUELTER