

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1239473
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: _____

1239473

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: _____ _____
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Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	JMNJ FARM 2-2
Doc ID	1239473

All Electric Logs Run

DEN-NEUT
INDUCTION
MICRO
SONIC
SPECTRAL

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. 705

Date	Sec.	Twp.	Range	County	State	On Location	Finish
9-28-14	2	5	24	Norton	KS		2:00 AM

Location *Lenora 2N 1/4 E S120*

Lease *JMNJ Farm* Well No. *2-2* Owner

Contractor *Discovery #4*
Type Job
Owner
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.

Hole Size *12 1/4* T.D. *600'* Charge To *Sam Gary Jrd Associates*

Csg. *8 5/8* Depth *600'* 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. Shoe Joint *412.23* Cement Amount Ordered *350 sx com 3% acc 2% gel*

Meas Line Displace *35 1/2 bbl* *1/2 flored*

EQUIPMENT Common *350*

Pumptrk *5* No. Cementer Helper *Nick* Poz. Mix

Bulktrk *21* No. Driver *Heath* Gel. *7*

Bulktrk *Pu* No. Driver *Brett* Calcium *13*

JOB SERVICES & REMARKS Hulls

Remarks: Salt

Rat Hole Flowseal *175*

Mouse Hole Kol-Seal

Centralizers Mud CLR 48

Baskets CFL-117 or CD110 CAF 38

D/V or Port Collar Sand

Handling *370*

Mileage *8 5/4* **FLOAT EQUIPMENT**

Guide Shoe

Cement Centralizer *-1*

Baskets

AFU Inserts

Circulated!! Float Shoe

Latch Down

Rubber Plug *1*

Baffle Plate *1*

Pumptrk Charge *Long Surface*

Mileage *56*

Signature *[Signature]*

Tax

Discount

Total Charge



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: 10/3/2014
 Invoice # 397

P.O.#:
 Due Date: 11/2/2014
 Division: Russell

Invoice

Contact:
 Samuel Gary Jr & Associates Inc
Address/Job Location:
 Samuel Gary Jr & Associates Inc
 1935 LOUIE ROAD
 HAYS KANSAS 67601

Reference:
 J M N J FARM 2-2

Description of Work:
 PLUG JOB

DRLG COMP W/O LOE GG

Account	8200.145
Well/Prospect	
Deck	
AFE	
Approval	<i>Samuel Gary Jr</i>
Description	

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,020.55	Yes				
Common-Class A	183	\$ 3,374.74	Yes				
POZ Mix-Standard	122	\$ 859.02	Yes				
Bulk Truck Matl-Material Service Charge	316	\$ 706.35	Yes				
Pump Truck Mileage-Job to Nearest Camp	56	\$ 624.63	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	56	\$ 365.52	Yes				
Premium Gel (Bentonite)	11	\$ 200.15	Yes				
Flo Seal	76	\$ 169.88	Yes				
Dry Hole Plug	1	\$ 62.59	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 7,383.42
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,107.51)

SubTotal for Taxable Items:	\$ 6,275.91
SubTotal for Non-Taxable Items:	\$ -
Total:	\$ 6,275.91
Tax:	\$ 433.04

6.90% Norton County Sales Tax

Thank You For Your Business!

Amount Due: \$ 6,708.95
Applied Payments:
Balance Due: \$ 6,708.95

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

No. 397

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

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

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-3-14	2	5	24	Norton	KS		7:45pm
				Location <u>Lena 3N 12E Sinto</u>			

Lease <u>JMVS Farm</u>	Well No. <u>2-2</u>	Owner
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Contractor <u>Discovery #4</u>	To Quality Oilwell Cementing, Inc.
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Type Job <u>Rotary Plug</u>	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
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Hole Size	T.D. <u>3950</u>	Charge To <u>Sam Conroy Jr + Associates</u>
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Csg. <u>4 1/2 X-H</u>	Depth	Street
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Tbg. Size	Depth	City	State
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Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
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Cement Left in Csg.	Shoe Joint	Cement Amount Ordered <u>305 60/40 4/GEL 1/4 #410</u>
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Meas Line	Displace	Common <u>183</u>
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EQUIPMENT		Poz. Mix <u>122</u>
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Pumptrk <u>16</u> No.	Cementer <u>ra's</u>	Gel. <u>11</u>
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Bulktrk	No. Driver <u>Billy</u>	Calcium
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Bulktrk <u>19</u> No.	Driver <u>Lannie M.</u>	Hulls
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JOB SERVICES & REMARKS		Salt
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Remarks:	Flowseal <u>76#</u>
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Rat Hole <u>375K</u>	Kol-Seal
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Mouse Hole <u>155K</u>	Mud CLR 48
------------------------	------------

Centralizers	CFL-117 or CD110 CAF 38
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Baskets	Sand
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D/V or Port Collar	Handling <u>316</u>
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<u>1st</u> 3830 50SK	Mileage
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<u>2nd</u> 2000 50SK	FLOAT EQUIPMENT
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<u>3rd</u> 1400 100SK	Guide Shoe
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<u>4th</u> 650 50SK	Centralizer
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<u>5th</u> 40 10SK	Baskets
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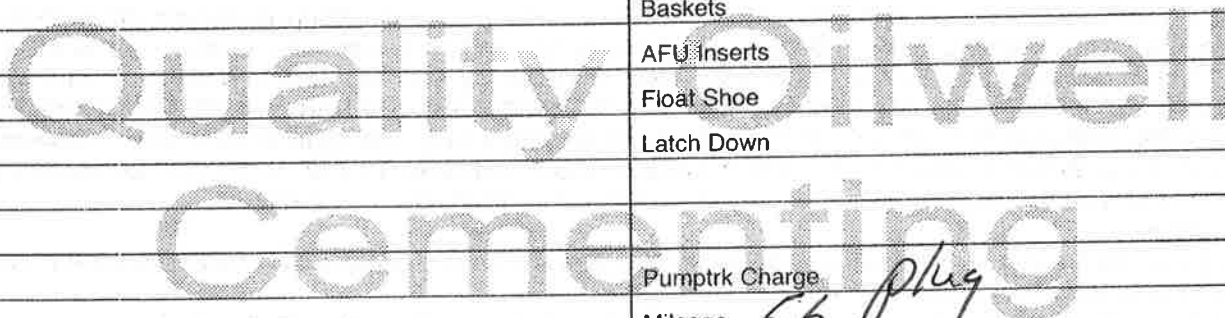
	AFU Inserts
--	-------------

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

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

X Signature [Handwritten Signature]

Pumptrk Charge	
Mileage <u>56</u>	
	Tax
	Discount
	Total Charge





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sam Gary Jr. & Assoc.

2/5N/24W

1515 Wynkoop, STE 700
Denver, Co 80202

JMNJ Farm #2-2

Job Ticket: 60775

DST#: 1

ATTN: Dan Pritchard

Test Start: 2014.10.01 @ 09:28:00

GENERAL INFORMATION:

Formation: **Toronto - LKC B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:29:30

Time Test Ended: 17:10:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quintana

Unit No: 48

Interval: 3486.00 ft (KB) To 3552.00 ft (KB) (TVD)

Reference Elevations: 2405.00 ft (KB)

Total Depth: 3552.00 ft (KB) (TVD)

2397.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8647

Inside

Press @ Run Depth: 53.41 psig @ 3487.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.01

End Date: 2014.10.01

Last Calib.: 2014.10.01

Start Time: 09:28:01

End Time: 17:10:00

Time On Btm: 2014.10.01 @ 11:28:30

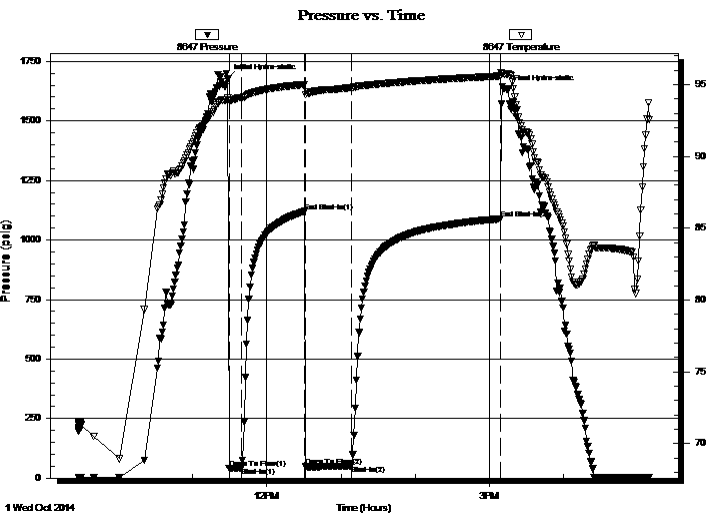
Time Off Btm: 2014.10.01 @ 15:13:30

TEST COMMENT: 10 - IF - Opened w/ surface blow , built to 2 1/2". Mud dropped about 10'.

60 - ISI - No Return

30 - FF - Blow built to 1"

120- FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1676.30	94.07	Initial Hydro-static
1	41.88	93.90	Open To Flow (1)
11	43.38	94.07	Shut-In(1)
62	1119.95	95.00	End Shut-In(1)
63	49.35	94.31	Open To Flow (2)
100	53.41	94.80	Shut-In(2)
220	1088.67	95.59	End Shut-In(2)
225	1633.35	95.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	100% mud w/ oil spots in tool	0.55

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sam Gary Jr. & Assoc.

2/5N/24W

1515 Wynkoop, STE 700
Denver, Co 80202

JMNJ Farm #2-2

ATTN: Dan Pritchard

Job Ticket: 60775

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Time Tool Opened: 11:29:30

Time Test Ended: 17:10:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quintana

Unit No: 48

Interval: **3486.00 ft (KB) To 3552.00 ft (KB) (TVD)**

Reference Elevations: 2405.00 ft (KB)

Total Depth: 3552.00 ft (KB) (TVD)

2397.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8372 Outside

Press @ Run Depth: psig @ 3487.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.01

End Date: 2014.10.01

Last Calib.: 2014.10.01

Start Time: 09:28:01

End Time: 17:11:30

Time On Btm:

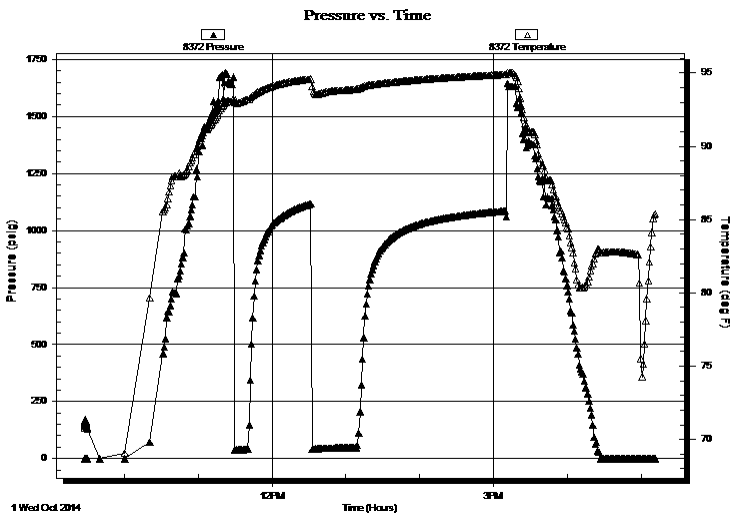
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PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	100% mud w/ oil spots in tool	0.55

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr. & Assoc.

2/5N/24W

1515 Wynkoop, STE 700
Denver, Co 80202

JMNJ Farm #2-2

Job Ticket: 60775

DST#: 1

ATTN: Dan Pritchard

Test Start: 2014.10.01 @ 09:28:00

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: 51.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	100% mud w / oil spots in tool	0.555

Total Length: 60.00 ft Total Volume: 0.555 bbl

Num Fluid Samples: 0

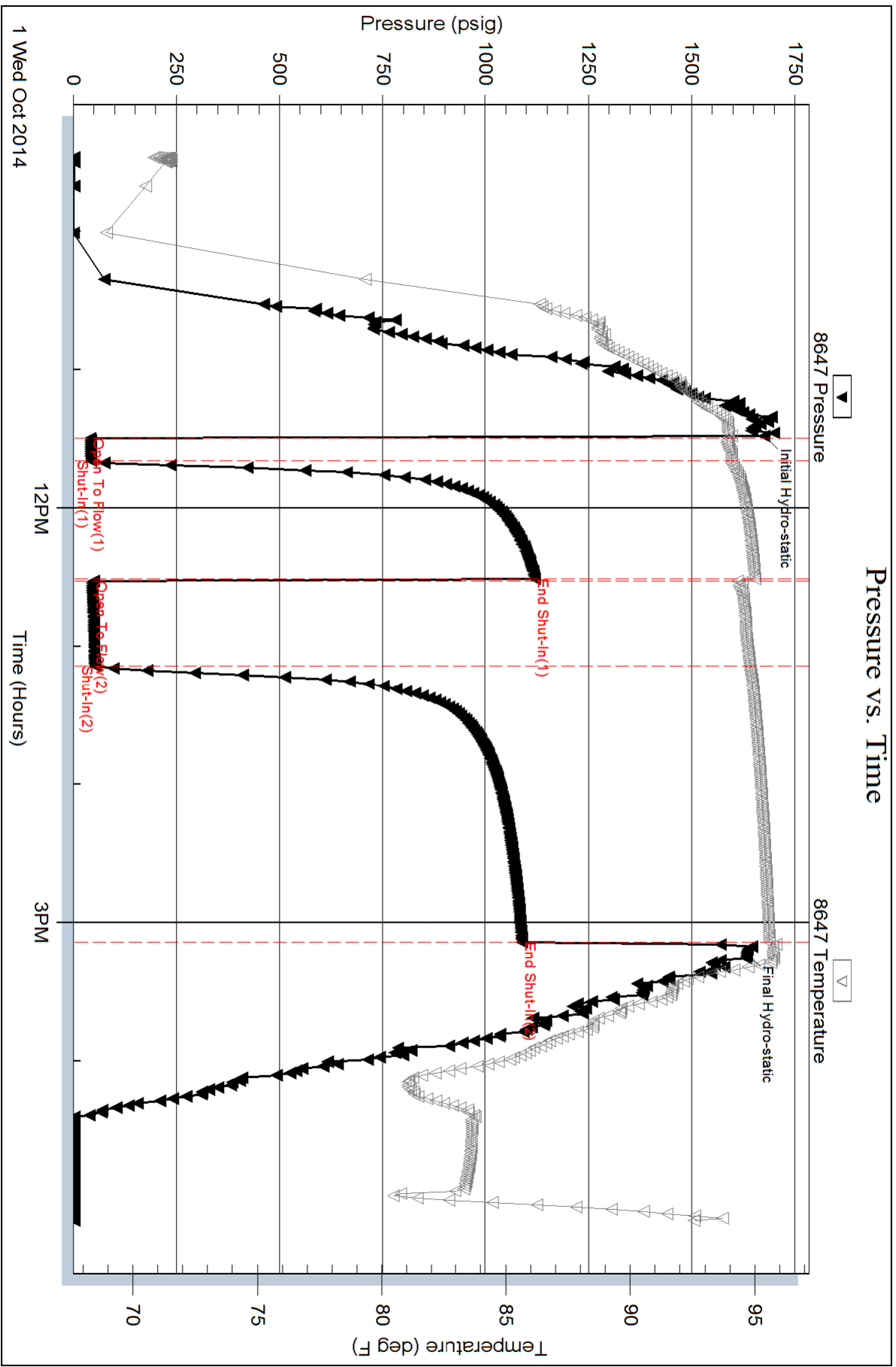
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

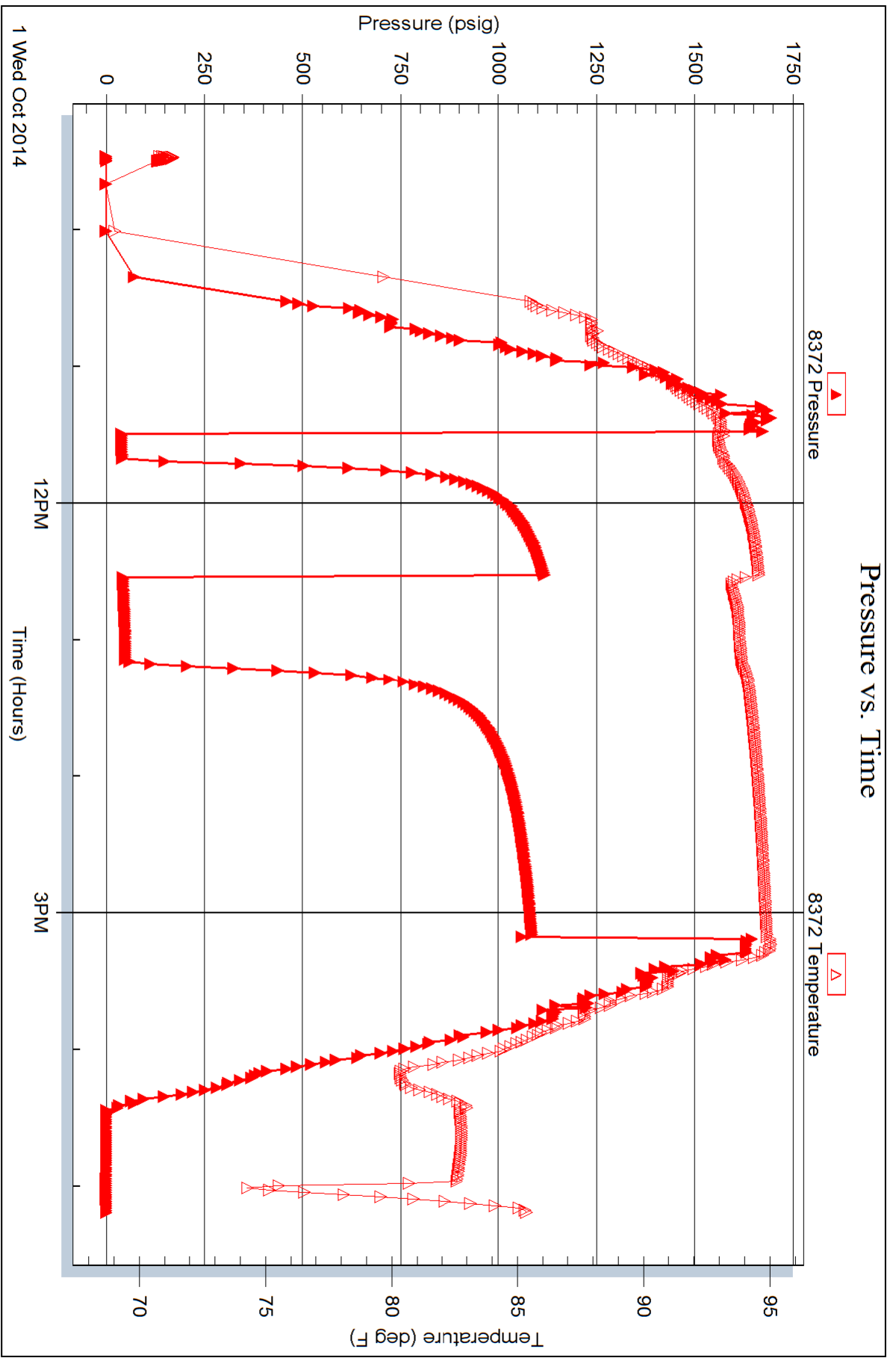


Serial #: 8372

Outside Sam Gary Jr. & Assoc.

JMNJ Farm #2-2

DST Test Number: 1





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

Well Name: JMNJ Farm 2-2
Well Id:
Location: Sec 2, 5S, 24W Norton County, KS
License Number: 15-137-20713
Spud Date: Sept. 27, 2014
Surface Coordinates: 330' FNL 765' FWL
Region: Wildcat
Drilling Completed: Oct. 3, 2014

Bottom Hole Coordinates:
Ground Elevation (ft): 2396' K.B. Elevation (ft): 2404'
Logged Interval (ft): 3200' To: 3950' Total Depth (ft): 3950'
Formation: Lansing / Kansas City
Type of Drilling Fluid: Natural Chemical

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

OPERATOR

Company: Samuel Gary Jr. & Assoc.
Address: 1515 Wynkoop St. STE 700
Denver, CO 80202
Attn: Dan Pritchard

GEOLOGIST

Name: Jeff Kamps/Aaron Suelter
Company: EARTH TECH OGL, Inc.
Address: PO Box 683
Hooker, Okla 73945
8918 5Th St
Great Bend, Ks. 67530
1-580-652-3924
1-888-543-8378

	DRILL STEM TEST REPORT																																					
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ROCK TYPES

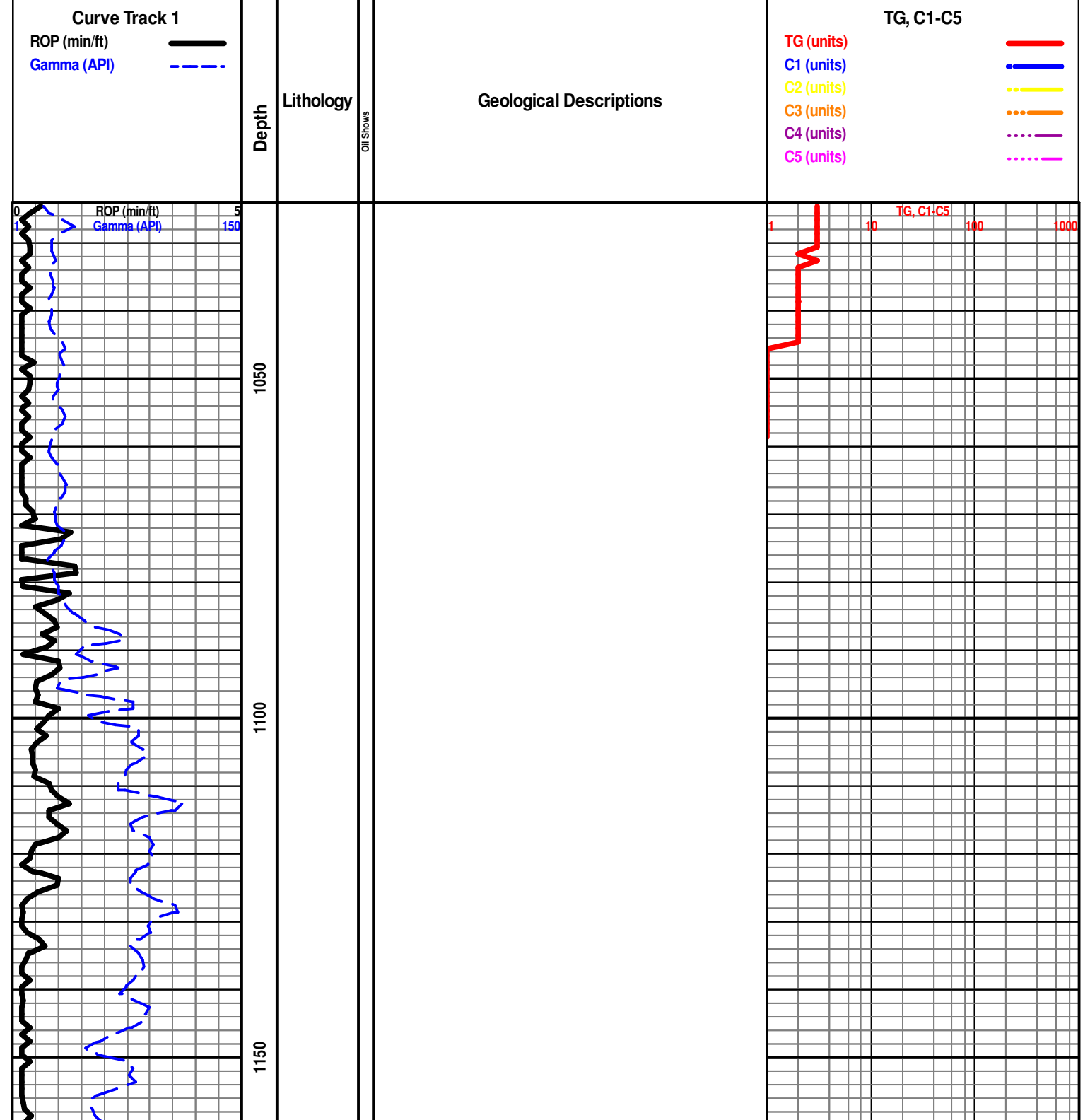
<ul style="list-style-type: none"> Anhy Bent Brec Cht Clyst Coal Congl Dol 	<ul style="list-style-type: none"> Gyp Igne Lmst Meta Mrlst Salt Shale Shcol 	<ul style="list-style-type: none"> Shgy Sltst Ss Till Carb sh Dol Dtd Gry sh 	<ul style="list-style-type: none"> Sandylms Shale Sltstn Shlyslts Sitysh Lms
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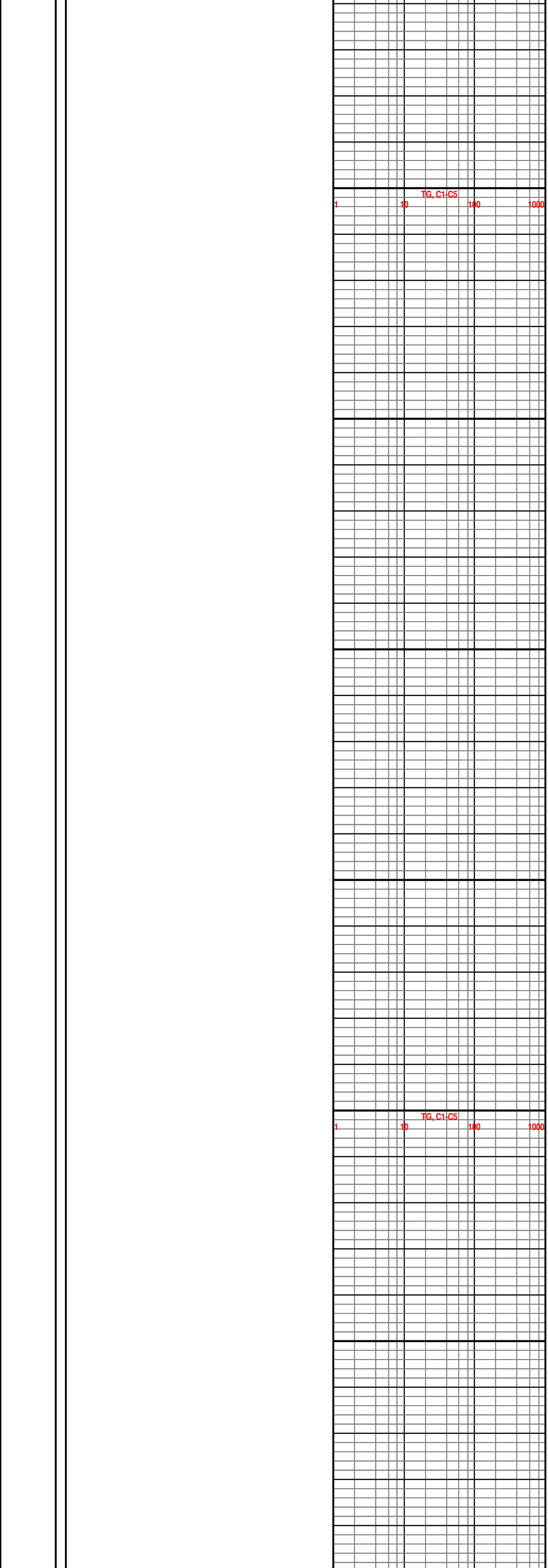
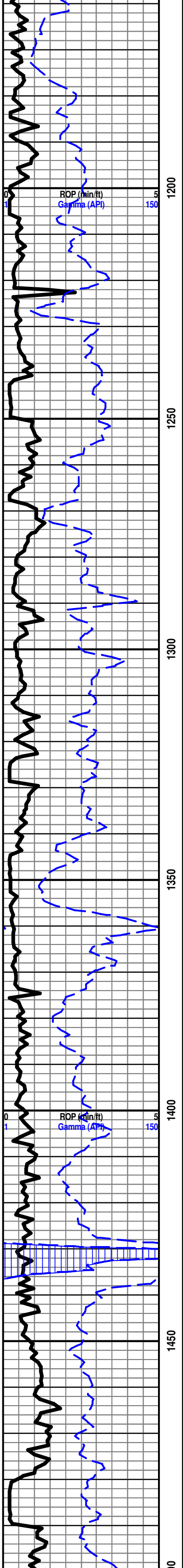
ACCESSORIES

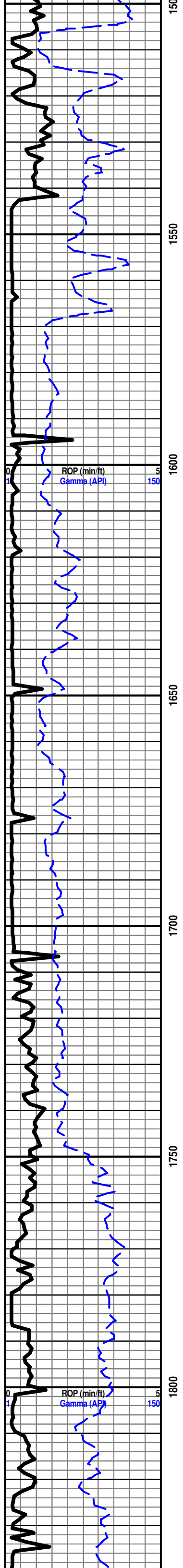
<h4>MINERAL</h4> <ul style="list-style-type: none"> Anhy Arggrn Arg Bent Bit Brecfrag Calc Carb Chtdk Chtlt Dol Feldspar Ferrpel Ferr Glau Gyp Hvymin Kaol Marl Minxl Nodule Phos Pyr 	<ul style="list-style-type: none"> Salt Sandy Silt Sil Sulphur Tuff Chlorite Dol Sand Sltly <h4>FOSSIL</h4> <ul style="list-style-type: none"> Algae Amph Belm Bioclst Brach Bryozoa Cephal Coral Crin Echin Fish Foram 	<ul style="list-style-type: none"> Fossil Gastro Oolite Ostra Pelec Pellet Pisolite Plant Strom Fuss Oomold <h4>STRINGER</h4> <ul style="list-style-type: none"> Anhy Arg Bent Coal Dol Gyp Ls Mrst Sltstrg Ssstrg Carbsh 	<ul style="list-style-type: none"> Clystn Dol Grysh Gryslt Lms Sandylms Sh Sltstn <h4>TEXTURE</h4> <ul style="list-style-type: none"> Boundst Chalky Cryxln Earthy Finexln Grainst Lithogr Microxln Mudst Packst Wackest
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OTHER SYMBOLS

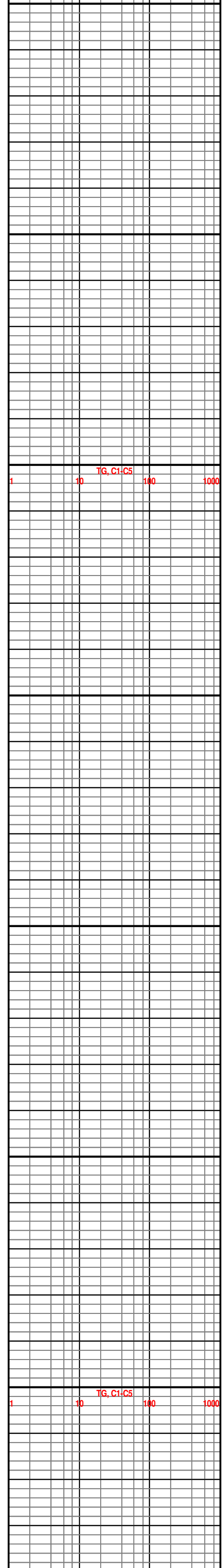
<h4>POROSITY TYPE</h4> <ul style="list-style-type: none"> Earthy Fenest Fracture Inter Moldic Organic Pinpoint Vuggy 	<h4>SORTING</h4> <ul style="list-style-type: none"> Well Moderate Poor <h4>ROUNDING</h4> <ul style="list-style-type: none"> Rounded Subrnd Subang 	<ul style="list-style-type: none"> Angular <h4>OIL SHOWS</h4> <ul style="list-style-type: none"> Even Spotted Ques Dead Gas show 	<h4>INTERVALS</h4> <ul style="list-style-type: none"> Core Dst Dst <h4>EVENTS</h4> <ul style="list-style-type: none"> Rft Sidewall
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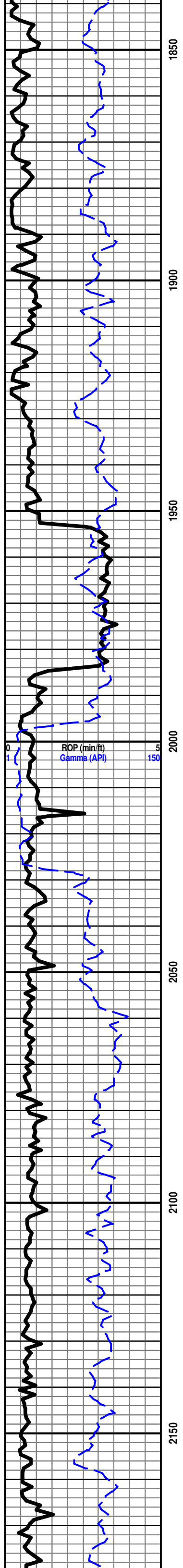






1500 1550 1600 1650 1700 1750 1800





1850

1900

1950

2000

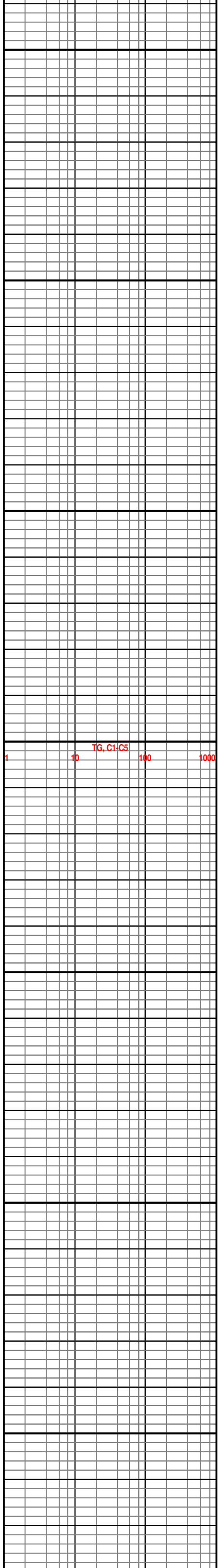
2050

2100

2150

ROP (min/ft)
Gamma (API)

5
150

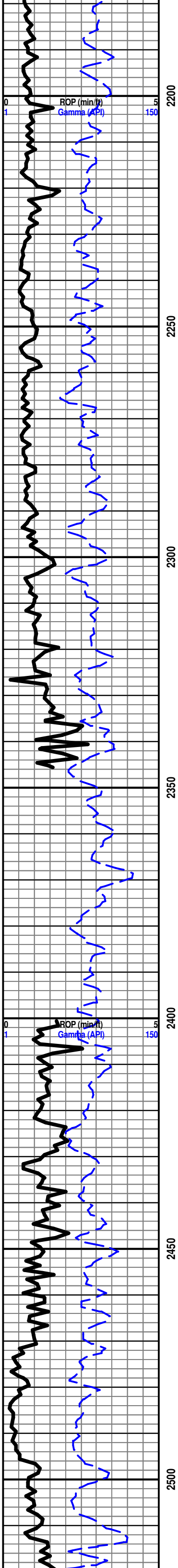


1

10

100

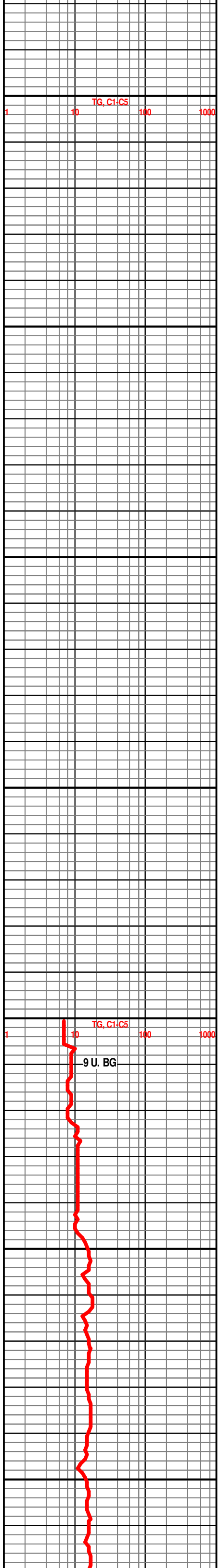
1000



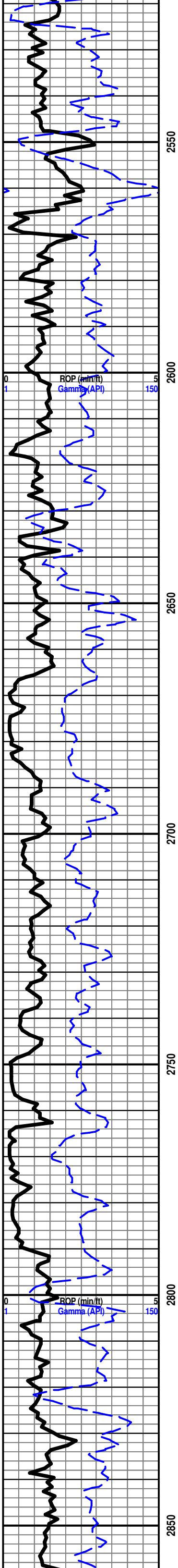
2200
2250
2300
2350
2400
2450
2500

ROP (min/hr)
Gamma (API)

DEPTH CORRECTION TO 2400'

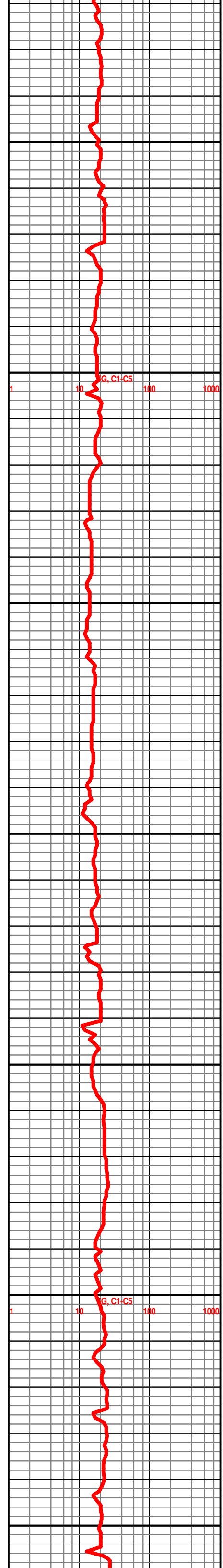


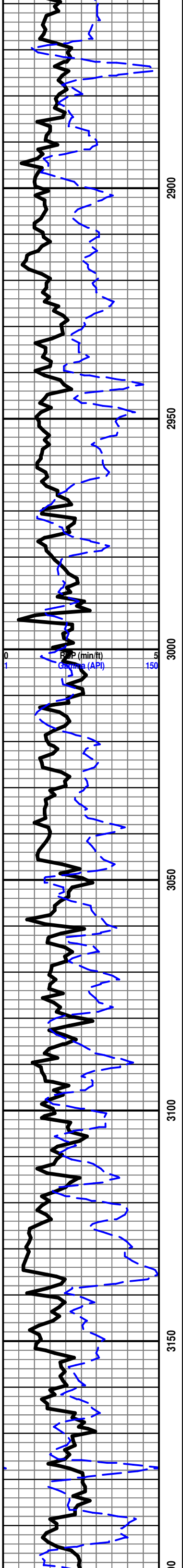
TG, C1-C5
9 U. BG



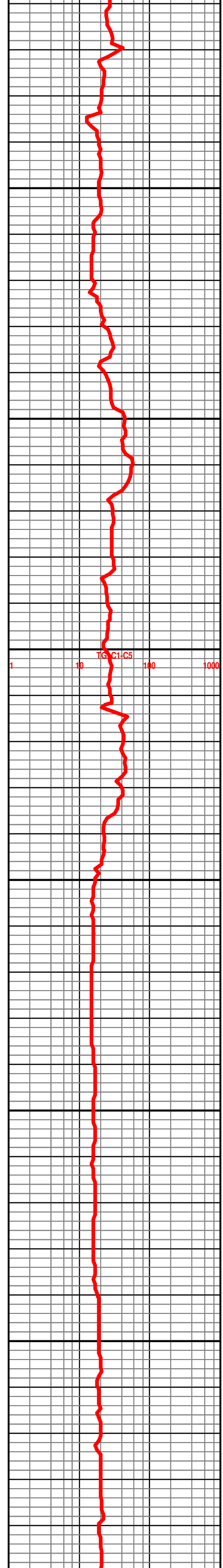
MATTFIELD 2548' (-144)

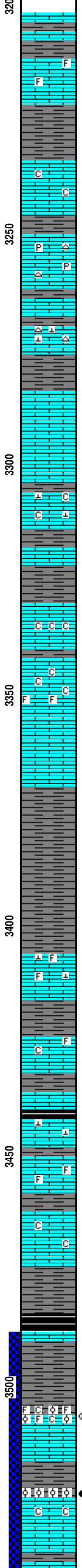
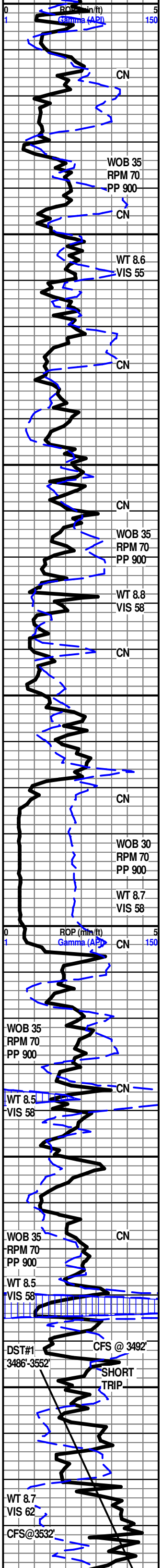
WRELORD 2627' (-223')





JANESVILLE SHALE 3012' (-608')





LS - OFF WHT TO WHT, LT TN IP, HD DNS, BRIT IP, FN TO MD-XLN, TR FREE FOSS FRAG IN TRAY, DLL YEL MIN FLO IN 20%, TR PR INTER-XLN POR IN 1%, NO VIS CUT OR SHOW

SH - LT GY TO BRWN, SFT TO GMMY, FRM IP, SLTY, BLKY TXT

LS - OFF WHT TO WHT, HD DNS, BRIT IP, VF-XLN TO CRYPTO-XLN, TR SFT WHT CHLK, DLL YEL MIN FLO IN 20%, NO VIS POR, NO VIS CUT OR SHOW

LS - OFF WHT TO WHT, LT TN IP, HD DNS TO BRIT, FN TO VF-XLN, S-SUCRO, TR IMBD GY SH, TR FREE S-ANG OFF WHT CHRT, LT TR DISS PYR, DLL YEL MIN FLO IN 10%, TR PR INTER-XLN POR IN 1%, NO CUT OR SHOW

(3268-3274) LS - OFF WHT TO LT GY, HD DNS TO BRIT, FN TO MD-XLN, TR FREE S-ANG OFF WHT CHRT, LT TR IMBD CALC-XLS, DLL YEL MIN FLO IN 20%, PR INTER-XLN POR IN 1%, NO VIS CUR OR SHOW

TOPEKA 3282' (-878')

LS - OFF WHT TO LT GY, HD DNS TO BRIT, FN TO MD-XLN, RE-XLN IP, LT TR IMBD GY SH, DLL YEL MIN FLO IN 10%, TR PR INTER-XLN POR IN 1%, NO CUT OR SHOW

LS - OFF WHT TO WHT, LT GY IP, HD DNS TO BRIT, FN TO MD-XLN, RE-XLN IP, S-SUCRO, TR IMBD S-RND CALC-XLS, LT TR SFT WHT CHLK, DLL YEL MIN FLO IN 20%, TR PR INTER-XLN POR IP, NO VIS CUT OR SHOW

SH - LT GY TO GY, LT GRN IP, FRM TO SFT IP, BLKY, SLTY TXT

LS - OFF WHT TO LT GY, WHT IP, HD DNS TO BRIT, FN TO MD-XLN, RE-XLN IP, S-CHKLY TR SFT WHT CHLK, DLL YEL MIN FLO THRU, NO VIS POR, NO CUT OR SHOW

(3342'-3352') LS - OFF WHT TO WHT, HD DNS TO BRIT, FN TO MD-XLN, RE-XLN IP, S-CHKLY, ABTD SFT WHT CHLK THRU, TR IMBD FOSS FRAG, DLL YEL MIN FLO THRU, TR PR INTER-XLN POR IN 1%, NO CUT OR SHOW

(3353'-3368') LS - OFF WHT TO LT GY, WHT IP, HD DNS TO BRIT, FN TO VF-XLN, CRYPTO-XLN IP, S-SUCRO, TR IMBD FN S-RND CALC-XLS, DLL YEL MIN FLO IN 10%, NO VIS POR, NO CUT OR SHOW

SH - LT GY TO BRWN IP, SFT TO GMMY, FRM IP, SLTY TXT

SH - LT GY TO GY, TR BRWN IP, SFT TO GMMY, V SLTY TXT

LS - OFF WHT TO WHT, LT GY IP, HD DNS, BRIT IP, FN TO VF-XLN, S-SUCRO, TR IMBD FN S-RND CALC-XLS, LT TR FREE FOSS FRAG, DLL YEL MIN FLO THRU, TR PR INTER-XLN POR IN 1%, NO VIS CUT OR SHOW

LS - OFF WHT TO WHT, HD DNS TO BRIT, FN TO MD-XLN, S-SUCRO, TR IMBD SFT WHT CHLK, LT TR FREE FOSS FRAG IN TRAY, DLL YEL MIN FLO IN 20%, NO VIS POR, NO CUT OR SHOW

(3440'-3446') LS - OFF WHT TO WHT, HD DNS TO BRIT, FN TO MD-XLN, S-SUCRO, TR IMBD FN S-RND CALC-XLS, DLL YEL MIN FLO IN 10%, NO VIS POR, NO CUT OR SHOW

LS - OFF WHT TO WHT, HD DNS TO BRIT, FN TO MD-XLN, S-SUCRO, TR FREE FOSS FRAG, DLL YEL MIN FLO IN 10%, NO VIS POR, NO CUT OR SHOW

LS - OFF WHT TO WHT, HD DNS TO BRIT, FN TO MD-XLN, VF-XLN IP, S-SUCRO, LT TR SFT WHT CHLK, DLL YEL MIN FLO THRU, NO VIS POR, NO CUT OR SHOW

HEEBNER 3482' (-1078')

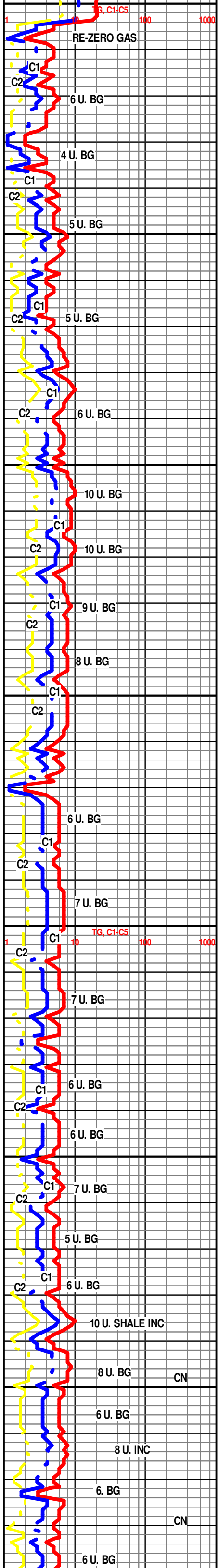
SH - BLCK, SFT, CARB

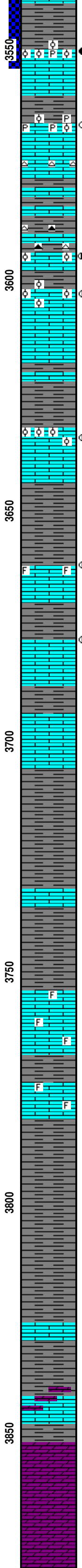
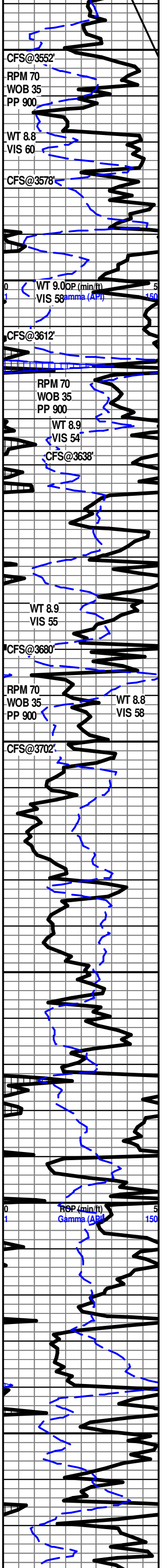
SH - BRWN LT GY TO GY, FRM BLKY TO SFT GMMY, SMT TXT

3505'-3508' LS - CRM TO LT TN W/ TN OIL STN IN 45%, LOS IN 5%, HD DNS TO BRIT, V/F TO F XLN SUCRO MTRX, S-CHKLY IP, ABTD IMBD FOSS/OOL THRU, SFT WHT CHLK IN TRAY, BRT YEL GLD FLO IN 70%, FR TO GD INTR OOL/FOSS POR IN 5%, FR FLSH CUT IN 70%, FR TO GD SLW STRM IN 70%, TN LCH ON DISH, OIL DROPLETS IN DISH

LANSING 3521' -1117'

3522'-3523' LS - OFF WHT TO CRM W/ TN OIL STN IN 70%, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, S-CHKLY IP, ABTD IMBD OOL THRU, SFT WHT CHLK IN TRAY, BRT YEL GLD FLO IN 80%, PR TO FR INTR OOL POR IN 6%, PR TO FR FLSH CUT IN 80%, FR TO GD SLW STRM IN 80%, DK TN LCH ON DISH





SH- BRWN TO LT GY, SFT GMMY, SMT TXT

LANSING "B" 3547' -1143'

3549'-3552' LS- CRM TO LT TN W/ TN OIL STN IN 80%, HD DNS TO BRIT, V/F TO F XLN SUCRO MTRX, ABDT IMBD THRU, SLI TR IMBD PYR IP, BRT YEL GLD FLO IN 90%, PR TO FR INTR OOL POR IN 4%, GD INTR OOL POR IN 2%, GD INSTNT FLSH CUT THRU, GD MLKY BLUE SLW STRM THRU, DK TN LCH ON DISH

3567'-3568' LS- CRM TO LT TN W. TN OIL STN IN 15%, DOS IN 10%, HD DNS TO BRIT IP, V/F TO F XLN MTRX, S-SUCRO, IMBD DISS PYR THRU, IMBD OOL IP, DUL YEL GLD FLO IN 25%, TT TO PR INTR XLN POR IN 3%, PR INTR OOL POR IN 2%, FR FLSH CUT IN 30%, FR TO GD SLW STRM IN 30%, NO LCH ON DISH

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

3594'-3596' LS- CRM TO LT TN W/ TN OIL STN IN 50%, V/HD DNS, V/F TO F XLN MTRX, IMBD OOL IP, OFF WHT YEL TO RED CHRT IN TRAY, DUL YEL GLD FLO IN 50%, TT TO PR INT OOL POR IN 2%, TT TO PR VUG POR IN 2%, WK FLSH CUT IN 50%, PR TO FR SLW STRM IN 50%, NO LCH ON DISH

3602'-3603' LS- OFF WHT TO CRM W/ LT TN OIL STN IN 70%, HD DNS TO BRIT IP, V/F TO F XLN MTRX, S-SUCRO, IMBD OOL THRU, BRT YEL GLD FLO IN 70% TT INTR OOL POR IN 2%, TT MICRO VUG POR IN 1%, V/WK FLSH CUT IN 70%, WK TO PR SLW STRM IN 60%, NO LCH ON DISH

LANSING "F" SHALE 3618' -1214'

SH- BRWN TO GY, FRM SPLNTY TO SFT GMMY, SMTH TXT

3633'-3634' LS- CRM TO LT TN W/ TN OIL STN IN 30%, HD DNS TO BRIT IP, V/F TO F XLN MTRX, S-SUCRO IP, ABDT IMBD OOL THRU, BRT YEL GLD FLO IN 40%, PR TO FR INTR OOL POR IN 4%, FR FLSH CUT IN 40%, FR TO GD SLW STRM IN 40%, LT TN LCH ON DISH

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

LANSING "G" 3661' -1257'

3662'-3663' LS- OFF WHT TO CRM W/ TN OIL STN IN 30%, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, IMBD FOSS FRG IP, BRT YEL GLD FLO IN 40%, FR TO GD VUG POR IN 3%, PR TO FR INTR FOSS POR IN 1%, FR FLSH CUT IN 40%, FR TO GD SLW STRM IN 40%, TN LCH ON DISH

3676'-3677' LS- OFF WHT TO CRM W/ TN OIL STN IN 20%, HD DNS TO BRIT IP, V/F T F XLN MTRX, S-SUCRO, DUL YEL GLD FLO IN 20%, PR TO FR INTR XLN POR IN 4%, NO FLSH CUT, WK TO POR 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, NO VIS FLO, NO VIS POR, NO VIS SHOW

BKC 3705' -1301'

SH- BRWN LT GY TO GY, FRM BLKY TO SFT GMMY, SLTY TXT

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

LS- OFF WHT TO CRM, HD DNS TO BRIT IP, V/F TO F XLN MTRX, S-CHLKY IP, IMBD FOSS FRG THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

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

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

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

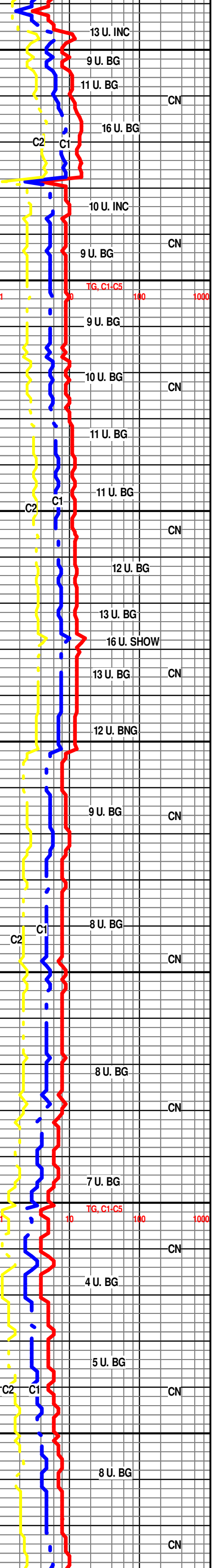
SH- GRN BRWN TO GY, FRM BLKY TO SFT GMMY, SMTH TO SLTY TXT

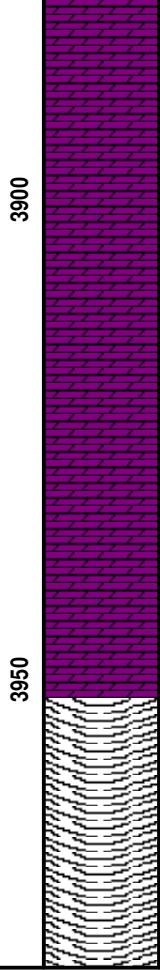
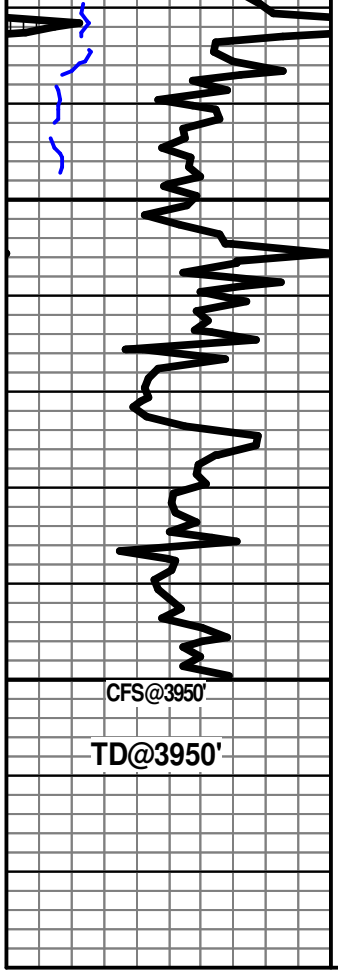
LS- CRM LT TN TO TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, DOLO IN TRAY, NO VIS FLO, NO VIS POR, NO VIS SHOW

ARBUCKLE 3850' 1446'

DOLO- CRM TO LT TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD F TO SM S-ANG TO ANG DOLO GRNS THRU, NO VIS FLO, PR INTR GRN POR IN 7%, 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 ANG DOLO GRNS THRU, NO VIS FLO, TT TO POR IN GRN POR





IN 10%, NO VIS SHOW

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

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

DOLO- TN TO DK TN, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD F TO MD S- RND TO RND DOLO GRNS THRU, NO VIS FLO, PR TO FR INTR GRN POR IN 7%, NO VIS SHOW

R.T.D. @ 2:00 AM 10/3/14

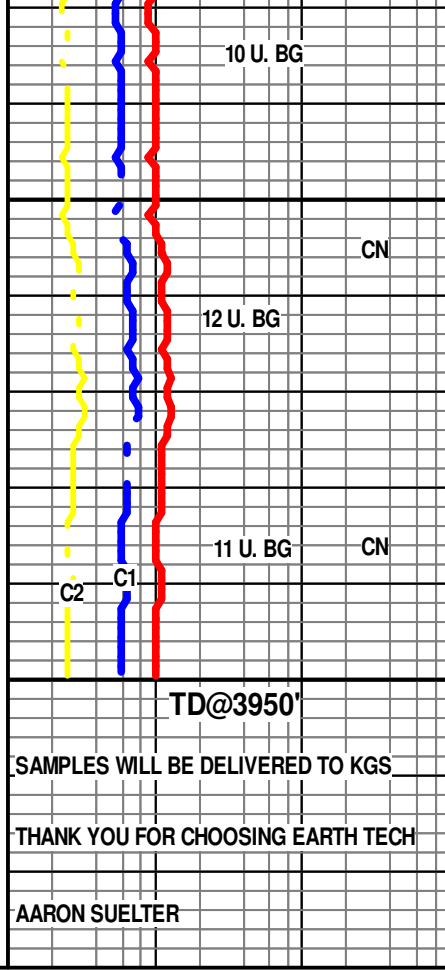
CFS 1 HOUR

SHORT TRIP

STCH 1.5 HOURS

TOFL

WEATHERFORD/ LIBERAL



SAMPLES WILL BE DELIVERED TO KGS

THANK YOU FOR CHOOSING EARTH TECH

AARON SUELTER