



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1127679
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: _____



1127679

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
----------------	-------	---------	------------	---

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	CLAIR ET AL 1-26
Doc ID	1127679

All Electric Logs Run

INDUCTION
MICRO
NEUTRON-DENSITY
SONIC
SPECTRAL GR

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

March 26, 2013

CHRISTOPHER MITCHELL
Samuel Gary Jr. & Associates, Inc.
1515 WYNKOOP, STE 700
DENVER, CO 80202

Re: ACO1
API 15-165-22002-00-00
CLAIR ET AL 1-26
NE/4 Sec.26-16S-16W
Rush 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,
CHRISTOPHER MITCHELL



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: 12/9/2012
 Invoice # 6109

P.O.#:
 Due Date: 1/8/2013
 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

DEC 19 2012

SAMUEL GARY JR.
 & ASSOCIATES, INC.

Reference:
 CLAIR ET AL 1-26

Description of Work:
 LONG SURFACE JOB

DRLG COMP W/O LOE GG

Account	8200.138
Well/Prospect	
Loc K	
AFE	KB
Approval	
Description	

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 963.85	No				
Common-Class A	375	\$ 4,963.75	Yes				
8 5/8" Basket	3	\$ 1,000.67	Yes				
Bulk Truck Matl-Material Service Charge	386	\$ 814.89	No				
Calcium Chloride	14	\$ 704.31	Yes				
Pump Truck Mileage-Job to Nearest Camp	28	\$ 294.96	No				
8 5/8" Centralizer	3	\$ 202.67	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	28	\$ 172.60	No				
Premium Gel (Bentonite)	7	\$ 120.29	Yes				
8 5/8" Top Rubber Plug	1	\$ 111.89	Yes				
Baffle Plate Aluminum, 8 5/8"	1	\$ 95.00	Yes				

Invoice Terms:

Net 30

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:

SubTotal:	\$ 9,444.88
Discount Available <u>ONLY</u> if Invoice is Paid & Received within listed terms of invoice:	\$ (1,416.73)
SubTotal for Taxable Items:	\$ 6,118.79
SubTotal for Non-Taxable Items:	\$ 1,909.36
Total:	\$ 8,028.15
Tax:	\$ 385.48
Amount Due:	\$ 8,413.63
Applied Payments:	
Balance Due:	\$ 8,413.63

6.30% Rush 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.
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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. 6109

Date	12-5-12	Sec.	26	Twp.	16	Range	16	County	Rush	State	Ks	On Location	Finish	1:15 PM		
Lease								Location			Galatia, Ks - W to Otis Rd, 1/2 W, 5th to					
Clair ET AL								Well No.		1-26					Owner	
Contractor								#6		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		Charge To					Sam Gary Jr & Assoc.	
Hole Size		12 1/4"		T.D.		898'		Street								
Csg.		8 5/8"		Depth		898'		City					State			
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Tool				Depth				Cement Amount Ordered					375 sx Common 3% CL			
Cement Left in Csg.		42'		Shoe Joint		42'		Meas Line					Displace			
								BLS 2% Gel					Common 375			
EQUIPMENT																
Pumptrk		16		No.		Cementer		Troyis					Helper			
Bulktrk		4		No.		Driver		Heath					Gel.			
Bulktrk		p.u.		No.		Driver		Rick					Calcium			
JOB SERVICES & REMARKS																
Remarks: Cement did Circulate.													Hulls			
Rat Hole													Salt			
Mouse Hole													Flowseal			
Centralizers													Kol-Seal			
Baskets													Mud CLR 48			
D/V or Port Collar													CFL-117 or CD110 CAF 38			
													Sand			
													Handling 386			
													Mileage			
FLOAT EQUIPMENT																
													Guide Shoe			
													Centralizer 3			
													Baskets 3			
													AFU Inserts			
													Float Shoe			
													Latch Down			
													1- Baffle plate			
													1- Rubber plug			
													Pumptrk Charge			
													Long Surface			
													Mileage 28			
													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: 12/13/2012
 Invoice # 6269
 P.O.#:
 Due Date: 1/12/2013
 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

DEC 19 2012

SAMUEL GARY JR.
 & ASSOCIATES, INC.

DRLG COMP W/O LOE GG

Account	8300.238
Well/Prospect	
Deck	
AFE	
Approval	
Description	

Reference:
 CLAIR ET AL 1-26

Description of Work:
 PROD LONG STRING

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 963.85	No	Salt (Fine)	19	\$279.98	Yes
Common-Class A	225	\$ 2,978.25	Yes	Pump Truck Mileage-Job to Nearest Camp	27	\$284.43	No
Gilsonite	1057	\$ 1,673.58	Yes	Latch Down Plug & Baffle, 5 1/2"	1	\$236.44	Yes
CFL 117	176	\$ 1,144.39	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	27	\$166.44	No
5 1/2" Basket	3	\$ 728.33	Yes	Flo Seal	56	\$118.22	Yes
Bulk Truck Matl-Material Service Charge	254	\$ 536.22	No	KCL	2	\$63.04	Yes
CD-110	117	\$ 494.00	Yes				
5 1/2" Turbolizer	8	\$ 489.78	Yes				
Mud Clear	500	\$ 390.56	Yes				
Defoamer A or CAF-38	50	\$ 369.44	Yes				
Auto Fill Float Shoe, 5 1/2"	1	\$ 323.00	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 11,239.96
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (1,685.99)

SubTotal for Taxable Items:	\$ 7,895.66
SubTotal for Non-Taxable Items:	\$ 1,658.30
Total:	\$ 9,553.97
Tax:	\$ 497.43

6.30% Rush County Sales Tax

Thank You For Your Business!

Amount Due: \$ 10,051.40
Applied Payments:
Balance Due: \$ 10,051.40

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

6289

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

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

No.

Date	12 10 12	Sec.	24	Twp.	11	Range	11	County	RUSH	State	KANSAS	On Location		Finish	1:45p
Lease								Well No.		Owner					
Contractor								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								Charge To		Street					
Hole Size								T.D.		City					
Csg.								Depth		State					
Tbg. Size								Depth		The above was done to satisfaction and supervision of owner agent or contractor.					
Tool								Depth		Cement Amount Ordered					
Cement Left in Csg.								Shoe Joint		Common					
Meas Line								Displace		Poz. Mix					
EQUIPMENT															
Pumptrk	No.	Cement													
		Helper													
Bulktrk	No.	Driver													
		Driver													
Bulktrk	No.	Driver													
		Driver													
JOB SERVICES & REMARKS															
Remarks:								Gel.							
Rat Hole								Hulls							
Mouse Hole								Salt							
Centralizers								Flowseal							
Baskets								Kol-Seal							
D/V or Port Collar								Mud CLR 48							
Dripper Bowl + Backe Circulation								CFL-117 or CD110 CAF 38							
Circulation on Bottom Line - Pump								Sand							
500gal. MUDSIL 48 - plugged Bottom								Handling							
30 lbs. Plugger MUDSIL 48 - mixed								Mileage							
1 plugged 180' to down 55" - Driller								FLOAT EQUIPMENT							
Aug 1 1/2" - 117 - Drilled Aug								Guide Shoe							
Aug 1 1/2" - 117 - Drilled Aug								Centralizer							
Aug 1 1/2" - 117 - Drilled Aug								Baskets							
Aug 1 1/2" - 117 - Drilled Aug								AFU Inserts							
Aug 1 1/2" - 117 - Drilled Aug								Float Shoe							
Aug 1 1/2" - 117 - Drilled Aug								Latch Down							
Aug 1 1/2" - 117 - Drilled Aug								Pumptrk Charge							
Aug 1 1/2" - 117 - Drilled Aug								Mileage							
Aug 1 1/2" - 117 - Drilled Aug								Tax							
Aug 1 1/2" - 117 - Drilled Aug								Discount							
Aug 1 1/2" - 117 - Drilled Aug								Total Charge							

X Signature

Thank you
[Signature]



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

Well Name: Clair et al 1-26
 Location: Sec. 26-16S-16W Rush County, Kansas
 License Number: 15-165-22002-0000
 Spud Date: Dec 4, 2012
 Surface Coordinates: 716 FNL/ 2540 FWL
 Region: WILDCAT
 Drilling Completed: Dec 9, 2012

Bottom Hole Coordinates:
 Ground Elevation (ft): 1963' K.B. Elevation (ft): 1973'
 Logged Interval (ft): 2950' To: 3650' Total Depth (ft): 3650'
 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: 580-754-0221

ROCK TYPES

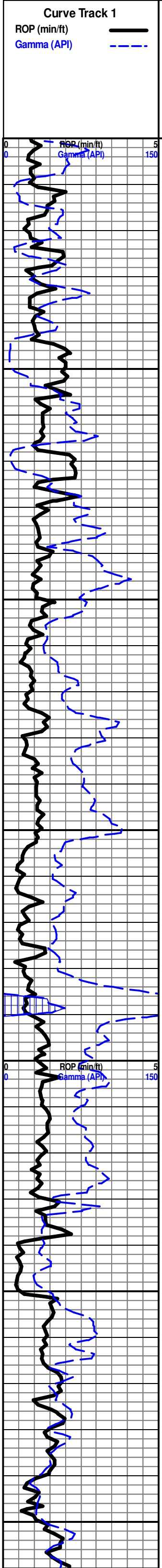
Anhy	Gyp	Shgy	Sandylms
Bent	Igne	Sltst	Shale
Brec	Lmst	Ss	Sltstn
Cht	Meta	Till	Shlyslts
Clyst	Mrlst	Carb sh	Sltys
Coal	Salt	Dol	Lms
Congl	Shale	Dtd	
Dol	Shcol	Gry sh	

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	Silty	Fuss	TEXTURE
Chtlt	FOSSIL	Oomold	Boundst
Dol	Algae	STRINGER	Chalky
Feldspar	Amph	Anhy	Cryxln
Ferrpel	Belm	Arg	Earthy
Ferr	Bioclst	Bent	Finexln
Glau	Brach	Coal	Grainst
Gyp	Bryozoa	Dol	Lithogr
Hvymin	Cephal	Gyp	Microxln
Kaol	Coral	Ls	Mudst
Marl	Crin	Mrst	Packst
Minxl	Echin	Sltstrg	Wackest
Nodule	Fish	Ssstrg	
Phos	Foram	Carbsh	
Pyr			

OTHER SYMBOLS

POROSITY TYPE	SORTING	Angular	INTERVALS
Earthy	Well	OIL SHOWS	Core
Fenest	Moderate	Even	Dst
Fracture	Poor	Spotted	Dst
Inter	ROUNDING	Ques	EVENTS
Moldic	Rounded	Dead	Rft
Organic	Subrnd	Gas show	Sidewall
Pinpoint	Subang		
Vuggy			



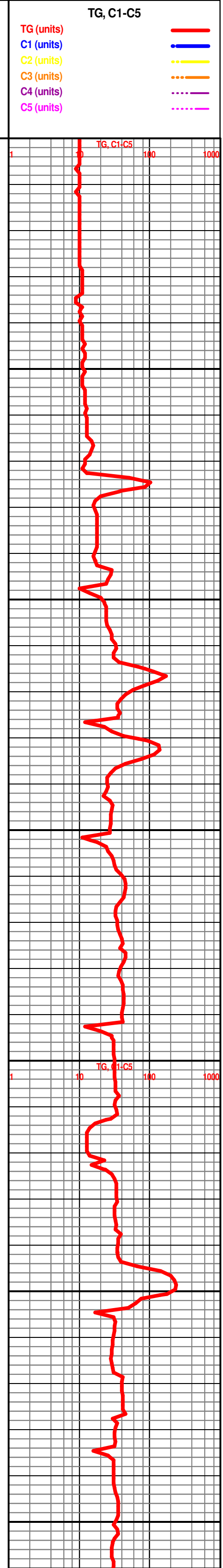
Depth

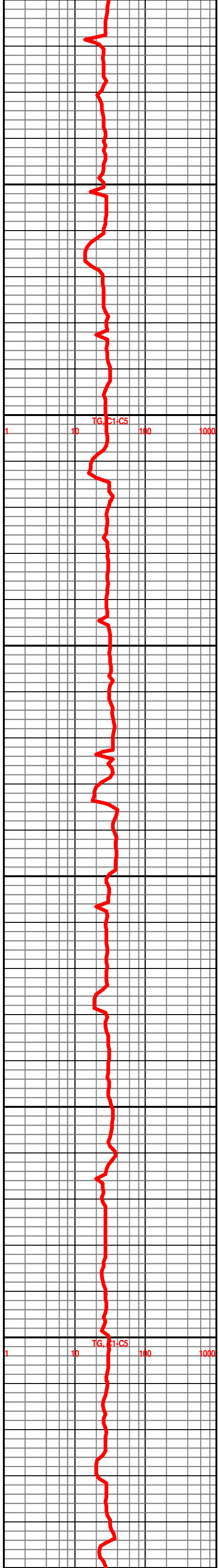
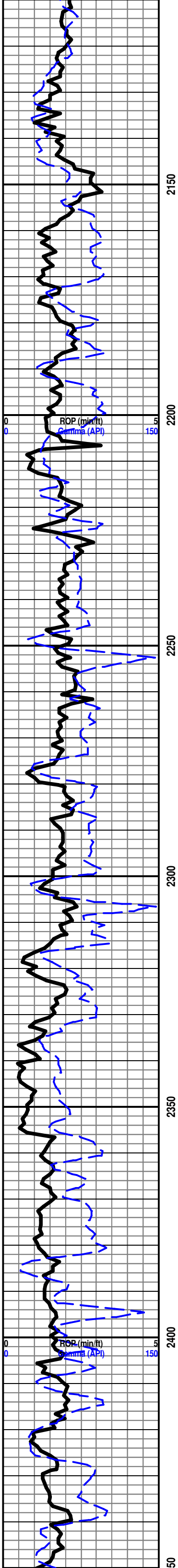
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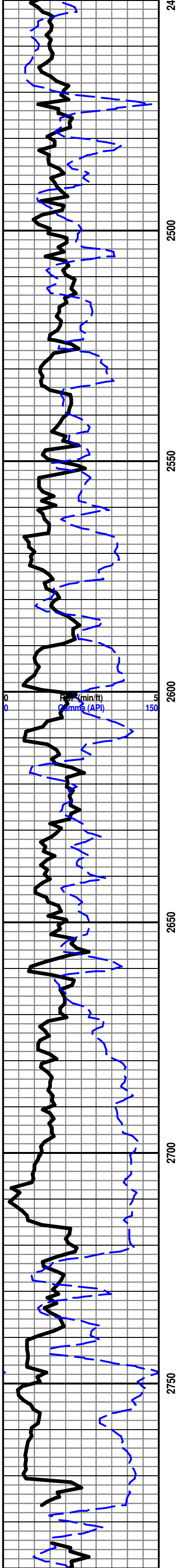
Oil Shows

Geological Descriptions

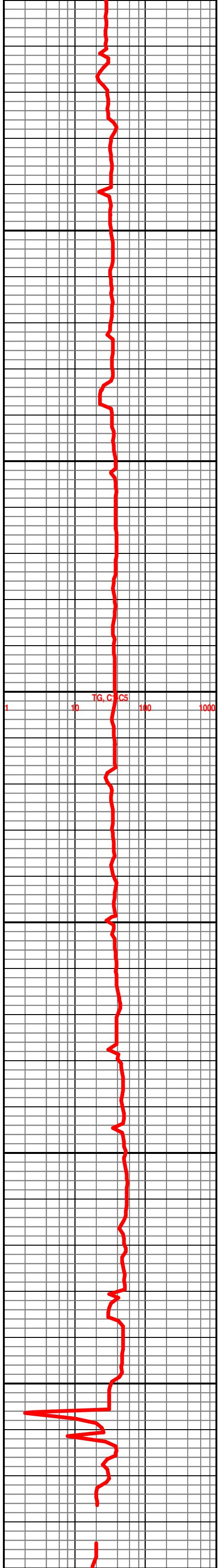
START UNMANNED UNIT 12/5/12

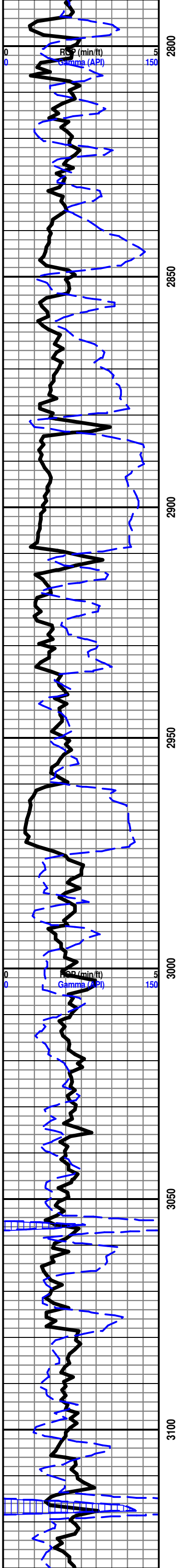






2750 2700 2650 2600 2550 2500 2400





HOWARD 2909' -936'

START 24 HOUR MANNED UNIT 12/7/12

SEVERY 2960' -987'

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

TOPEKA 2974' -1001'

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

LS- GY TO TN MOTTLD, HD DNS TO BRIT IP, V-F TO F XLN RE-XLN MTRX, S-SUCRO IP, SLI TR IMBD FOSS FRG IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

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

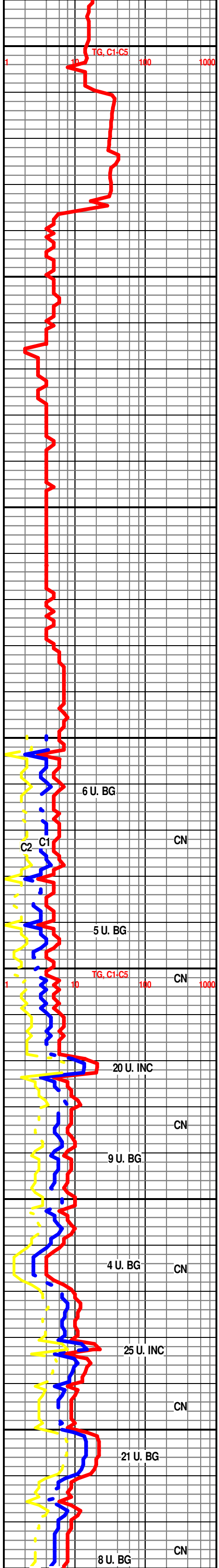
LS- LT TN TO TN, HD DNS TO V/BRIT, F XLN SUCRO MTRX, S-CHLKY, SCAT IMBD FOSS FRG THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

LE COMPTON 3078' -1105'

LS- OFF WHT LT TN TO TN, HD DNS TO BRIT IP, V/F TO F XLN, S-CHLKY, RE-XLN IP, IMBD FOSS FR THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

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

LS- OFF WHT TO TN, HD DNS TO V/ BRIT, F XLN CHLKY MTRX, S-SUCRO IP, SCAT IMBD FOSS FRG THRU, SLI TR IMBD CALC XLS IP, NO VIS FLO, NO VIS SHOW



6 U. BG

C2 C1

5 U. BG

20 U. INC

9 U. BG

4 U. BG

25 U. INC

21 U. BG

8 U. BG

CN

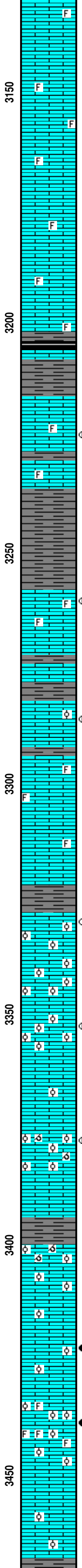
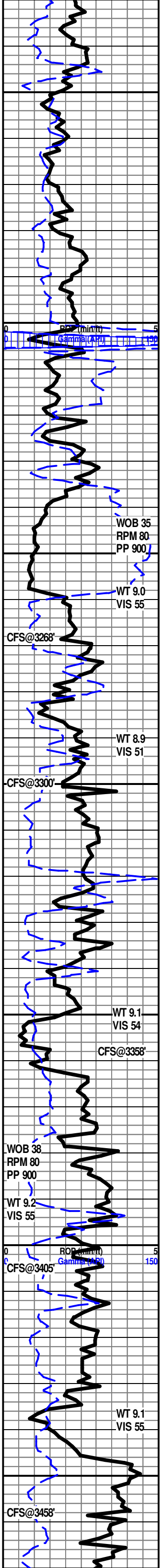
CN

CN

CN

CN

CN



IMBD CALC XLS IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- CRM TO TN, HD DNS TO BRIT IP, F XLN SUCRO MTRX, S-CHLKY, TR IMBD FOSS FRG THRU, SLI TR IMBD CALC XLS IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

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

HEEBNER 3202' -1229'
SH- BLCK, SFT, CARB

3223'-3226' LS- OFF WHT TO TN W/ DK TN OIL STN IN 60%, HD DNS TO BRIT IP, F XLN SUCRO MTRX, S-CHLKY IP, SLI TR IMBD FOSS FRG IP, TR SFT WHT CHLK IN TRAY, DUL YEL GLD FLO IN 20%, PR TO FR VUG POR IN PR VUG POR IN 5%, FR TO GD FLSH CUT IN 60%, FR TO GD SLW STRM IN 10%, DK TN LCH ON DISH, WK OIL ODOR

DOUGLAS 3236' -1263'
SH- BRW GRN LT GY TO DK GY, FRM BLKY TO SFT GMMY IP, SMTH TXT

LANSING 3258' -1285'
3260'-3261' LS- LT TN TO TN W/ TN OIL STN IN 40%, HD DNS TO BRIT IP, F XLN SUCRO MTRX, S-CHLKY IP, SLI TR IMBD FOSS FRG IP, BRT YEL GLD FLO IN 40%, V/PR TO PR INTR XLN POR IN 5%, V/ WK FLSH CUT IN 30%, PR TO FR SLW STRM IN 30%, NO LCH ON DISH, NO OIL ODOR

LANSING "C" 3281' -1308'
3282'-3285' LS- CRM TO LT TN W/ LT TN OIL STN IN 50%, HD DNS TO BRIT, F TO MD XLN RE-XLN MTRX, S-SUCRO IP, S-CHLKY IP, SLI TR IMBD OOL IP, TR IMBD CALC XLS IP, BRT YEL GLD FLO IN 40%, DUL YEL GLD FLO IN 20%, PR TO FR INTR XLN POR IN 7%, PR INTR OOL POR IN 3%, PR MICRO VUG POR IN 1%, PR FLSH CUT IN 30%, PR TO FR SLW STRM IN 50%, V/ LT TN LCH ON DISH, NO OIL ODOR

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

LANSING "F" 3327' -1354'
3329'-3330' LS- LT TN TO TN W/ TN OIL STN IN 15%, HD DNS TO BRIT IP, V/F TO F XLN RE-XLN MTRX, S-CHLKY IP, ABDT IMBD OOL THRU, TR SFT WHT CHLK IN TRAY, DUL YEL GLD FLO IN 15%, PR INTR OOL POR IN 5%, NO FLSH CUT, V/ PR SLW STRM IN 5%, NO LCH ON DISH

3351'-3357' LS- LT TN TO TN W/ TN OIL STN IN 55%, HD DNS, F XLN SUCRO MTRX, ABDT IMBD OOL IP, DUL YEL GLD FLO IN 40%, BRT YEL GLD FLO IN 15%, PR TO FR INTR OOL POR IN 10%, GD FLSH CUT IN 40%, GD SLW STRM IN 55%, TN LCH ON DISH, NO OIL ODOR

LS- LT TN TO TN, HD DNS TO BRIT IP, F XLN SUCRO MTRX, SLI TR IMBD OOL IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

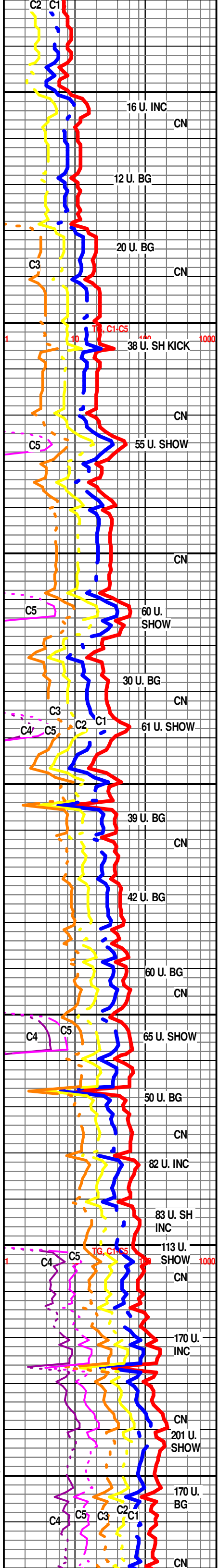
3376'-3379' LS- CRM TO LT TN W/ TN OIL STN IN 60%, HD DNS TO BRIT IP, F XLN SUCRO MTRX, ABDT IMBD OOL THRU, TR OOLMLD IP, DUL YEL GLD FLO IN 60%, PR TO FR INTR OOL POR IN 2%, PR TO FR OOLMLD POR IN 5%, GD FLSH CUT IN 60%, FR TO GD SLW STRM IN 60%, TN LCH ON DISH, FLEETING OIL ODOR

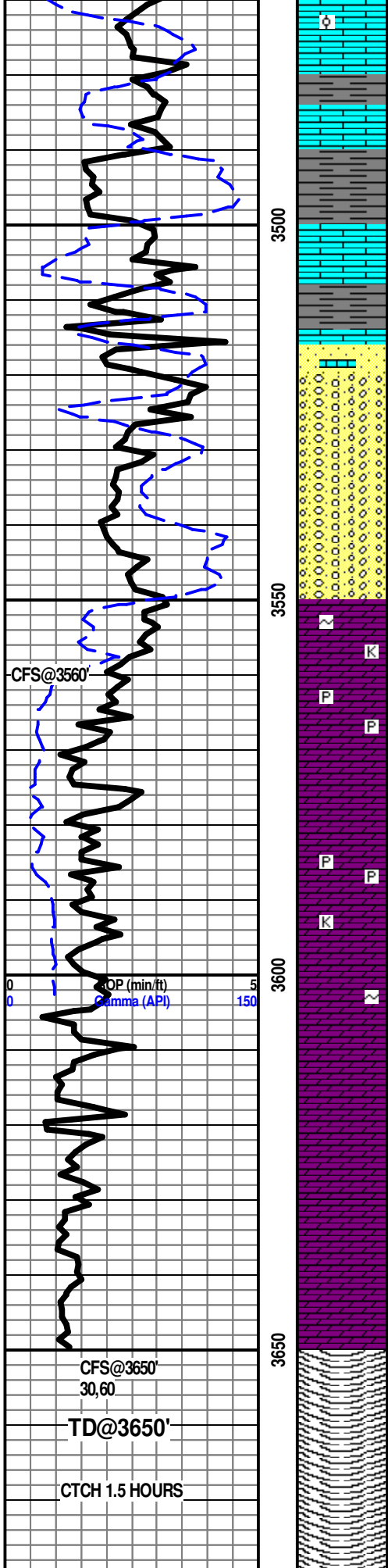
LANSING "H" 3399' -1426'
LS- LT TN TO TN W/ TN OIL STN IN 40%, HD DNS, V/F TO F XLN SUCRO MTRX, IMBD OOL IP, OOLMLD IP, TR IMBD CALC XLS IP, DUL YEL GLD FLO IN 30%, FR TO GD OOLMLD POR IN 7%, GD FLSH CUT IN 30%, FR TO GD SLW STRM IN 40%, TN LCH ON DISH, NO OIL ODOR

3422'-3423' LS- CRM TO TN W/ TN OIL STN IN 75%, HD DNS TO BRIT IP, F XLN SUCRO MTRX, ABDT IMBD OOL IP, TR IMBD TN CHRT IP, SLI TR OOLMLD IP, BRT YEL GLD FLO IN 75%, FR TO GD INTR OOL POR IN 10%, PR INTR XLN POR IN 3%, PR OOLMLD POR IN 1%, PR FLSH CUT IN 75%, FR TO GD SLW STRM IN 75%, TN LCH ON DISH, GD OIL ODOR

3446'-3448' LS- CRM TO TN W/ TN OIL STN IN 80%, HD DNS TO BRIT IP, F XLN SUCRO MTRX, ABDT IMBD OOL THRU, IMBD FOSS FRG IP, SFT WHT CHLK IN TRAY, DUL YEL GLD FLO IN 40%, BRT YEL GLD FLO IN 30%, GD INTR OOL POR IN 7%, FR MICRO VUG POR IN 3%, PR TO FR INTR XLN POR IN 3%, FR FLSH CUT IN 80%, GD GASSY MLKY BLU FLSH CUT IN 80%, TN LCH ON DISH, GD OIL ODOR

LS- OFF WHT TO CRM, HD DNS TO V/BRIT IP, V/F TO F XLN SUCRO MTRX, S-CHLKY, RE-XLN IP, TR SCAT IMBD





OOL IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

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

BKC 3490' -1517'

SH- BRWN GRN LT GY TO GY MOTTLD IP, FRM BLKY, SMTH TXT

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

3516'-3520' SS- CRM W/ DK TN OIL STN IN 85%, LOS IN 10% QRTZ GRN, HD TO TT, F TO MD S-ANG TO S-RND, WLL SORT, SIL CMNT, TR IMBD MD TO LG LS GRNS IP, BRT YEL GLD FLO IN 10%, TT TO FR INTR GRN POR IN 15%, GD FLSH CUT IN 95%, GD GASSY MLKY BLU SLW STRM IN 95%, V/DK TN LCH ON DISH, FR OIL ODOR

CONG- LS- CRM TO LT TN, HD DNS TO BRIT IP, V/F XLN SUCRO MTRX, S-CHLKY IP, SCAT IMBD MD RND QRTZ GRNS IP, SH- RED BRWN YEL GRN LT GY TO DK GY, FRM BLKY, SMTH TO SLTY TXT, CHRT- OFF WHT TN TO BRWN

ARBUCKLE 3551' -1578'

DOLO- CRM TO LT TN, HD DNS, V/F TO F XLN SUCRO MTRX, ABDT IMBD F TO MD S-ANG TO S-RND DOLO GRNS THRU, SLI TR IMBD KAOL OR GLAUC, NO VIS FLO, NO VIS POR, NO VIS SHOW

DOLO- OFF WHT TO CRM, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD F TO MD S-ANG TO ANG DOLO GRNS THRU, TR IMBD LMNTD PYR IP, NO VIS FLO, PF TO FR INTR GRN POR IN 5%, NO VIS SHOW

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

DOLO- OFF WHT TO CRM, HD DNS, V/F TO F XLN SUCRO MTRX, ABDT IMBD F TO MD S-ANG TO ANG DOLO GRNS THRU, IMBD PYR IP, NO VIS FLO, TT TO V/PR INTR GRN POR IN 5%, NO VIS SHOW

DOLO- WHT TO CRM, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, ABDT IMBD F TO MD S-ANG TO ANG DOLO GRNS THRU, TR IMBD KAOL OR GLAUC, NO VIS FLO, PR TO FR INTR GRN POR IN 10%, NO VIS SHOW

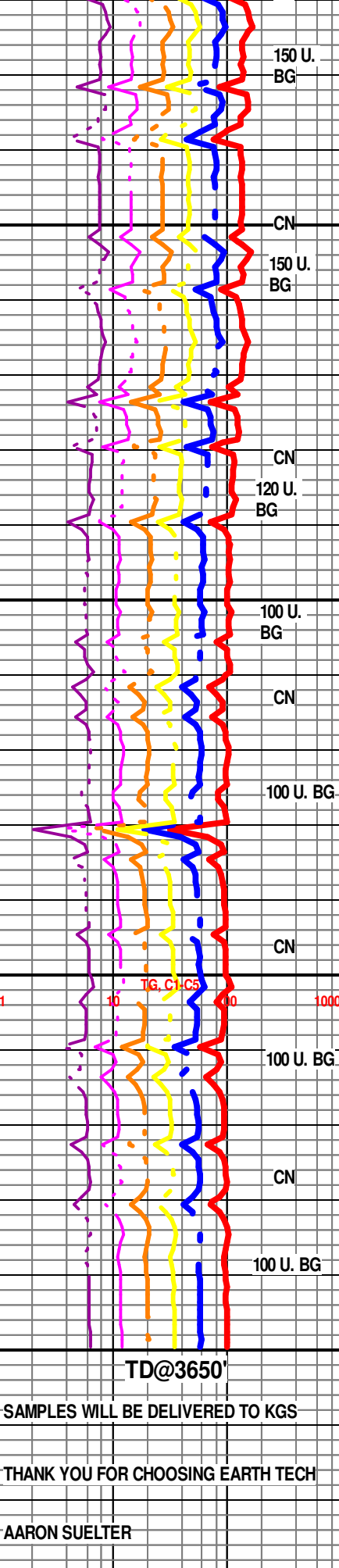
R.T.D. @ 1:30 PM 12/9/12

SHORT TRIP

DROP SURVEY

TOFL

WEATHERFORD/LIBERAL



CFS@3650'
30,60

TD@3650'

CTCH 1.5 HOURS

TD@3650'

SAMPLES WILL BE DELIVERED TO KGS

THANK YOU FOR CHOOSING EARTH TECH

AARON SUELTER