



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1103183
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
-----------------------------------	-----------------	---

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: _____



1103183

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	WINDHOLZ 1-17
Doc ID	1103183

All Electric Logs Run

DIL
MICRO
POR
SONIC

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

November 30, 2012

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

Re: ACO1
API 15-051-26357-00-00
WINDHOLZ 1-17
NE/4 Sec.17-12S-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.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 8/13/2012
 Invoice # 718

P.O.#:

Due Date: 9/12/2012

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 21 2012

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

<input checked="" type="checkbox"/> DRLG <input type="checkbox"/> COMP <input type="checkbox"/> W/O <input type="checkbox"/> LOE <input type="checkbox"/> GG	
Account	8200.138
Well/Prospect	
Deck	
A#E	
Approval	<i>[Signature]</i>
Description	

Reference:
 WINDHOLTZ 1-17

Description of Work:
 LONG SURFACE JOB

Services / Items Included:

	Quantity	Price	Taxable
Labor		\$ 977.42	No
Common-Class A	350	\$ 4,570.70	Yes
8 5/8" Basket	3	\$ 1,014.76	Yes
Bulk Truck Mat-Material Service Charge	370	\$ 792.11	No
Calcium Chloride	13	\$ 663.21	Yes
8 5/8" Centralizer	3	\$ 205.52	Yes
Flo Seal	87	\$ 186.25	Yes
Pump Truck Mileage-Job to Nearest Camp	18	\$ 192.29	No
Premium Gel (Bentonite)	7	\$ 121.99	Yes
8 5/8" Top Rubber Plug	1	\$ 113.46	Yes
Bulk Truck Mileage-Job to Nearest Bulk Plant	18	\$ 112.52	No

Item	Quantity	Price	Taxable
Baffle Plate Aluminum, 8 5/8"	1	\$96.34	Yes

Invoice Terms:

Net 30

SubTotal:	\$ 9,046.59
Discount Available <u>ONLY</u> if Invoice is Paid & Received within listed terms of invoice:	\$ (1,356.99)
SubTotal for Taxable Items:	\$ 5,926.40
SubTotal for Non-Taxable Items:	\$ 1,763.20
Total:	\$ 7,689.60
Tax:	\$ 373.36
Amount Due:	\$ 8,062.97
Applied Payments:	
Balance Due:	\$ 8,062.97

6.30% 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.
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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. 718

Date	8-11-12	Sec.	17	Twp.	12	Range	16	County	Ellis	State	KS	On Location		Finish	10:30AM
Lease	Windholtz	Well No.	1-17			Location Blue Hill School in Southwinto									
Contractor	Discography Rig # 2							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.							
Type Job	Setback							Charge To Sam Gaby Jr & Assoc.							
Hole Size	12 1/4		T.D.		903			Street							
Csg.	65/8		Depth		903			City							
Tbg. Size			Depth					State							
Tool			Depth					The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.	42.25		Shoe Joint		42.25			Cement Amount Ordered 350 370 290 gal							
Meas Line			Displace		54.34										

EQUIPMENT

Pumptrk	16	No.	Cementor	16	Common	350
			Helper			
Bulktrk	4	No.	Driver	4	Poz. Mix	
			Driver			
Bulktrk		No.	Driver	2	Gel.	2
			Driver			

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal 87#
Centralizers 3 8 5/8	Kol-Seal
Baskets 3 6 5/8	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
Windholtz 1-17	Handling 370
	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	#1 #8 #17
Baskets	#2 #9 #18
AFU Inserts	
Float Shoe	
Latch Down	
Puffe plate	
Bulldozer plate	
Pumptrk Charge	Long Surface
Mileage	18

X Signature *James [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: 8/20/2012
 Invoice # 827

P.O.#:

Due Date: 9/19/2012

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

SEP 05 2012

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

<input checked="" type="checkbox"/> DRLG <input type="checkbox"/> COMP <input type="checkbox"/> W/O <input type="checkbox"/> LOE <input type="checkbox"/> GG	
Account	8200.145
Well/Prospect	
Deck	
AFE	
Approval	<i>[Signature]</i>
Description	

Reference:
 WINDHOLTZ 1-17

Description of Work:
 PLUG JOB

Services / Items Included:

	Quantity	Price	Taxable
Labor		\$ 991.39	Yes
Common-Class A	132	\$ 1,748.43	Yes
Bulk Truck Matl-Material Service Charge	228	\$ 495.09	Yes
Pump Truck Mileage-Job to Nearest Camp	18	\$ 195.04	Yes
Premium Gel (Bentonite)	8	\$ 141.40	Yes
Bulk Truck Mileage-Job to Nearest Bulk Plant	18	\$ 114.13	Yes
Flo Seal	50	\$ 108.57	Yes
Dry Hole Plug	1	\$ 60.80	Yes

Item	Quantity	Price	Taxable
------	----------	-------	---------

Invoice Terms:

Net 30

SubTotal: \$ 3,854.85
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (578.23)

SubTotal for Taxable Items:	\$ 3,276.62
SubTotal for Non-Taxable Items:	\$ -
Total:	\$ 3,276.62
Tax:	\$ 206.43
Amount Due:	\$ 3,483.05
Applied Payments:	
Balance Due:	\$ 3,483.05

6.30% 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.
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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. 827

Date	8-16-12	Sec.	17	Twp.	12	Range	16	County	ELLIS	State	KANSAS	On Location		Finish	8:30 AM
Lease	WALKER-NORTH 10-WEST 1-NORTH 4-WEST S/INTD		Well No.	1-17		Location									
Contractor	DISCOVERY DRILLING #2					Owner									
Type Job	Rotary Plug					Sam Gary Jr. & Assoc.									
Hole Size	7 7/8"					To Quality Oilwell Cementing, Inc.									
Csg.	4 1/2"					You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Tbg. Size						Charge To									
Tool						Sam Gary Jr. & Assoc.									
Cement Left in Csg.						Street									
Meas Line						1515 WYNKOOP-STE 800									
					EQUIPMENT										
					Pumptrk #15 No. Cementer Helper NICK					Common 132					
					Bulktrk #14 No. Driver Driver LEVY					Poz. Mix 88					
					Bulktrk DU No. Driver Driver CASCO					Gel. 8					
					JOB SERVICES & REMARKS					Cement Amount Ordered 220 60% 40 PZ-4 GEL					
Remarks:										Calcium					
Rat Hole 30 SKS										Hulls					
Mouse Hole 15 SKS										Salt					
Centralizers										Flowseal 50#					
Baskets										Kol-Seal					
D/V or Port Collar										Mud CLR 48					
1st plug @ 3,455'					25 SKS					CFL-117 or CD110 CAF 38					
2nd plug @ 1,140'					40 SKS					Sand					
3rd plug @ 425'					100 SKS					Handling 228					
4th plug @ 40'					10 SKS					Mileage					
RAT HOLE					30 SKS					FLOAT EQUIPMENT					
MOUSE HOLE					15 SKS					Guide Shoe					
					220 SKS					Centralizer					
										Baskets					
										AFU Inserts					
										Float Shoe					
										Latch Down					
										1-7 7/8 WOODEN PLUG					
										Pumptrk Charge plug					
										Mileage 18					

THANK YOU!

X Signature *Sam Wick*

Tax
Discount
Total Charge



DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr & Assoc Inc**

1515 Wynkoop Ste 700
Denver CO 80202

ATTN: Clayton Camozzi

Windholz #1-17

17 12s 16w Ellis,KS

Start Date: 2012.08.14 @ 10:20:00

End Date: 2012.08.14 @ 16:43:00

Job Ticket #: 47640 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.17 @ 09:14:56



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr & Assoc Inc

17 12s 16w Ellis,KS

1515 Wynkoop Ste 700
Denver CO 80202

Windholz #1-17

ATTN: Clayton Camozzi

Job Ticket: 47640

DST#: 1

Test Start: 2012.08.14 @ 10:20:00

GENERAL INFORMATION:

Formation: **LKC " A-C "**

Deviated: No Whipstock: 1961.00 ft (KB)

Time Tool Opened: 12:03:30

Time Test Ended: 16:43:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 58

Interval: 3160.00 ft (KB) To 3238.00 ft (KB) (TVD)

Reference Elevations: 1961.00 ft (KB)

Total Depth: 3238.00 ft (KB) (TVD)

1953.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8672 Outside

Press @ RunDepth: 36.28 psig @ 3161.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.14

End Date:

2012.08.14

Last Calib.:

2012.08.14

Start Time: 10:20:05

End Time:

16:42:29

Time On Btm:

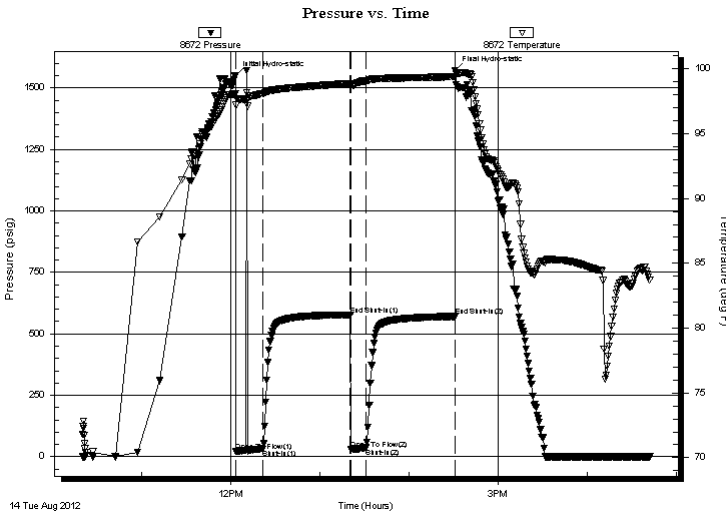
2012.08.14 @ 12:03:15

Time Off Btm:

2012.08.14 @ 14:31:15

TEST COMMENT: 10-IFP- No Blow
60-ISIP- No Blow
10-FFP- No Blow
60-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1551.52	98.09	Initial Hydro-static
1	21.97	97.21	Open To Flow (1)
19	31.06	98.09	Shut-In(1)
78	577.84	98.87	End Shut-In(1)
78	31.25	98.68	Open To Flow (2)
88	36.28	99.06	Shut-In(2)
148	571.08	99.39	End Shut-In(2)
148	1571.80	99.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MUD 100%	0.28

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr & Assoc Inc

17 12s 16w Ellis,KS

1515 Wynkoop Ste 700
Denver CO 80202

Windholz #1-17

ATTN: Clayton Camozzi

Job Ticket: 47640

DST#: 1

Test Start: 2012.08.14 @ 10:20:00

GENERAL INFORMATION:

Formation: **LKC " A-C "**

Deviated: No Whipstock: 1961.00 ft (KB)

Time Tool Opened: 12:03:30

Time Test Ended: 16:43:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 58

Interval: 3160.00 ft (KB) To 3238.00 ft (KB) (TVD)

Reference Elevations: 1961.00 ft (KB)

Total Depth: 3238.00 ft (KB) (TVD)

1953.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8674

Fluid

Press @RunDepth: psig @ 3126.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.14

End Date: 2012.08.14

Last Calib.: 2012.08.14

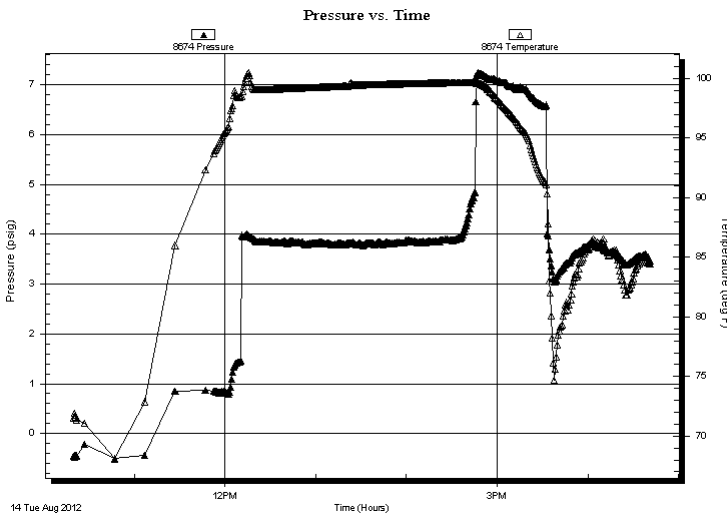
Start Time: 10:20:05

End Time: 16:41:20

Time On Btm:

Time Off Btm:

TEST COMMENT: 10-IFP- No Blow
60-ISIP- No Blow
10-FFP- No Blow
60-FSIP- No Blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MUD 100%	0.28

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr & Assoc Inc

17 12s 16w Ellis,KS

1515 Wynkoop Ste 700
Denver CO 80202

Windholz #1-17

Job Ticket: 47640

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2012.08.14 @ 10:20:00

GENERAL INFORMATION:

Formation: **LKC " A-C "**

Deviated: No Whipstock: 1961.00 ft (KB)

Time Tool Opened: 12:03:30

Time Test Ended: 16:43:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 58

Interval: 3160.00 ft (KB) To 3238.00 ft (KB) (TVD)

Reference Elevations: 1961.00 ft (KB)

Total Depth: 3238.00 ft (KB) (TVD)

1953.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8355 Inside

Press @ Run Depth: psig @ 3161.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.14 End Date: 2012.08.14

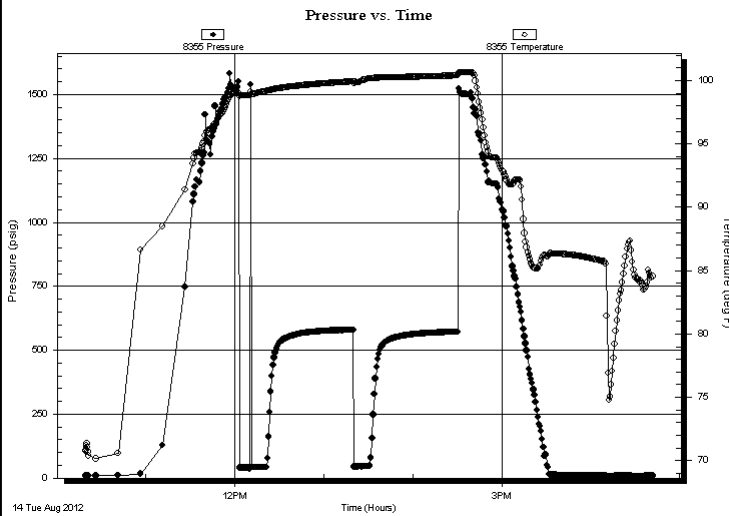
Last Calib.: 2012.08.14

Start Time: 10:19:35 End Time: 16:42:14

Time On Btm:

Time Off Btm:

TEST COMMENT: 10-IFP- No Blow
60-ISIP- No Blow
10-FFP- No Blow
60-FSIP- No Blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MUD 100%	0.28

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Assoc Inc

17 12s 16w Ellis,KS

1515 Wynkoop Ste 700
Denver CO 80202

Windholz #1-17

Job Ticket: 47640

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2012.08.14 @ 10:20:00

Tool Information

Drill Pipe:	Length: 3155.00 ft	Diameter: 3.80 inches	Volume: 44.26 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 44.26 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3160.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	113.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3126.00	
Recorder	0.00	8674	Fluid	3126.00	
Stubb	5.00			3131.00	
Shut In Tool	5.00			3136.00	
Sampler	2.00			3138.00	
Hydraulic tool	5.00			3143.00	
Jars	5.00			3148.00	
Safety Joint	3.00		Fluid	3151.00	
Packer	5.00			3156.00	35.00 Bottom Of Top Packer
Packer	4.00			3160.00	
Stubb	1.00			3161.00	
Recorder	0.00	8355	Inside	3161.00	
Recorder	0.00	8672	Outside	3161.00	
Perforations	9.00			3170.00	
Change Over Sub	1.00			3171.00	
Drill Pipe	63.00			3234.00	
Change Over Sub	1.00			3235.00	
Bullnose	3.00			3238.00	78.00 Bottom Packers & Anchor

Total Tool Length: 113.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Assoc Inc

17 12s 16w Ellis,KS

1515 Wynkoop Ste 700
Denver CO 80202

Windholz #1-17

Job Ticket: 47640

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2012.08.14 @ 10:20:00

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:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	MUD 100%	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

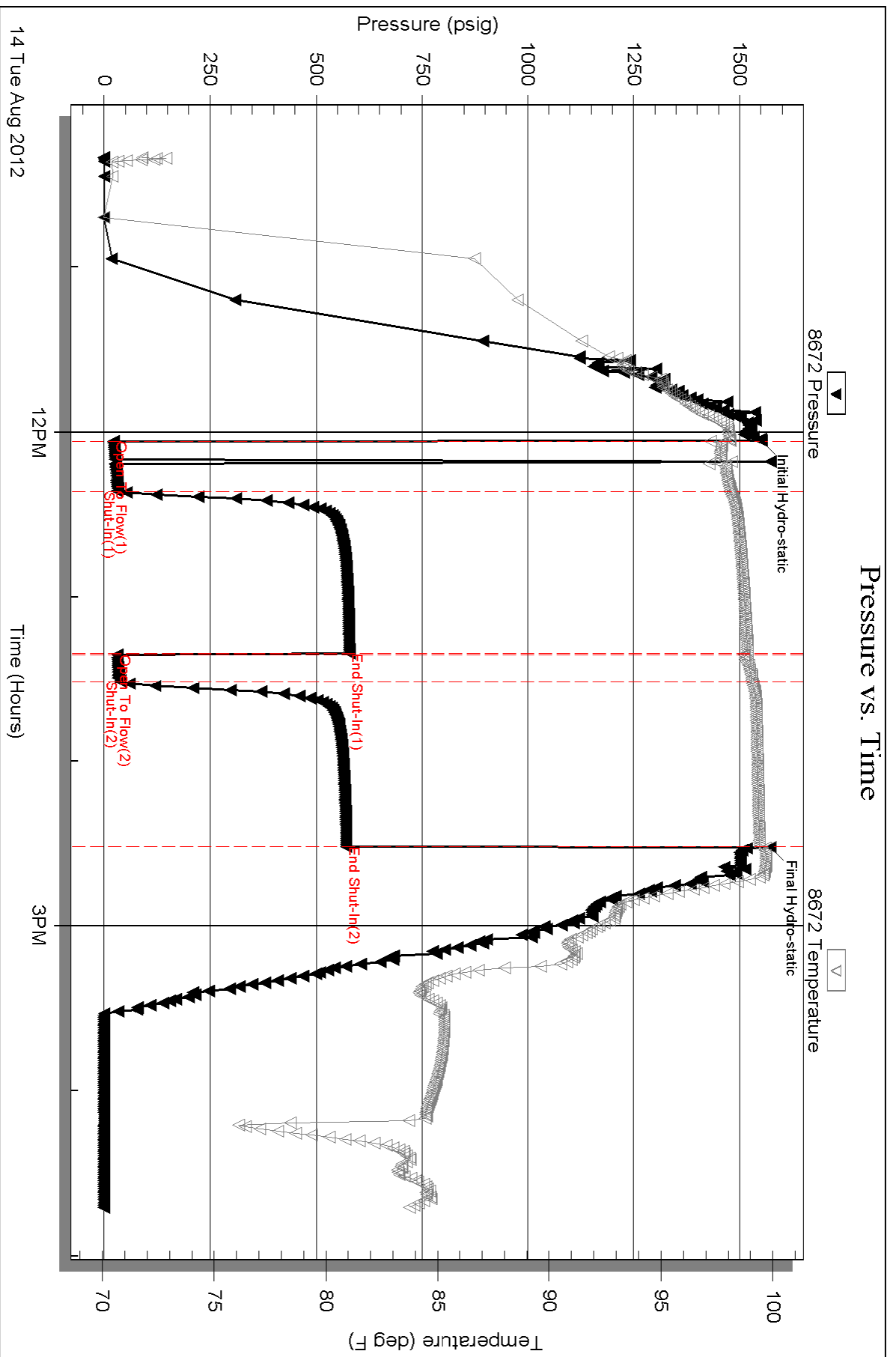
Recovery Comments:

Serial #: 8672

Outside Samuel Gary Jr & Assoc Inc

Windhoz #1-17

DST Test Number: 1



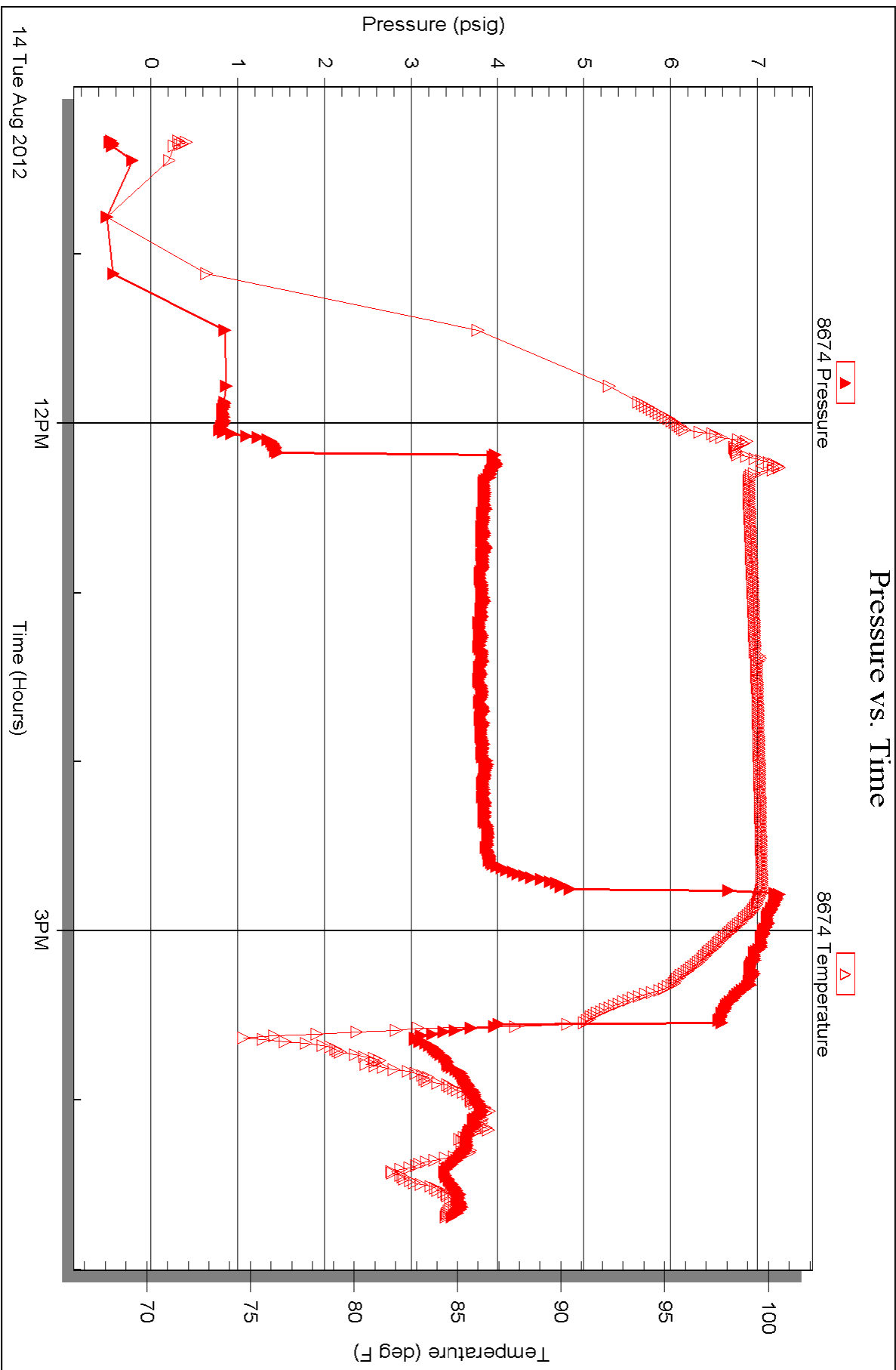
Serial #: 8674

Fluid

Samuel Gary Jr & Assoc Inc

Windholz #1-17

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47640

Printed: 2012.08.17 @ 09:14:59

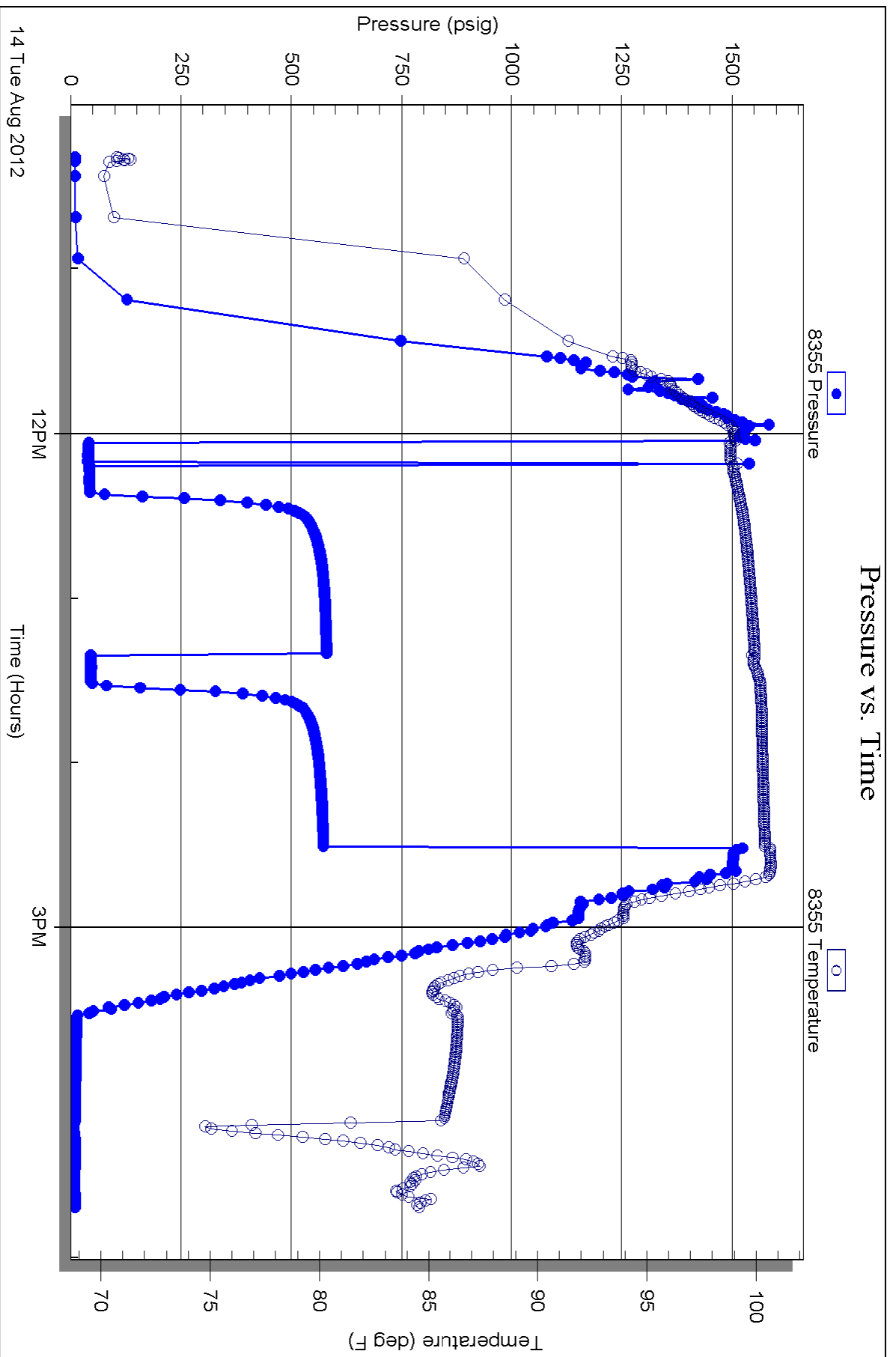
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Inside

Samuel Gary Jr & Assoc Inc

Windholz #1-17

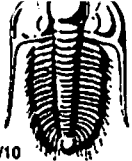
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47840

Printed: 2012.08.17 @ 09:15:00



TRIBOLITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47640

Well Name & No. Windholz 1-17 Test No. 1 Date 8-14-12
 Company Samuel Wary Jr. & Assoc. INC. Elevation 1961 KB 1953 GL
 Address 1515 WYNROOP Ste 700 DENVER CO 80202
 Co. Rep / Geo. Clayton Camozzi Rig Discovery #2
 Location: Sec. 17 Twp. 12S Rge. 16W Co. Ellis State KS

Interval Tested 3160-3238 Zone Tested LKC "A-C"
 Anchor Length 78 Drill Pipe Run 3155 Mud Wt. 8.7
 Top Packer Depth 3155 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 3160 Wt. Pipe Run 0 WL 8.0
 Total Depth 3238 Chlorides 4000 ppm System LCM NA

Blow Description IFP- No Blow Load Surge + Flushed.
ISIP- No Blow
FFP- No Blow
FSIP- No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>MUD</u>			<u>100</u>	

Rec Total 20 BHT 99 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1551
 (B) First Initial Flow 21
 (C) First Final Flow 31
 (D) Initial Shut-In 577
 (E) Second Initial Flow 31
 (F) Second Final Flow 36
 (G) Final Shut-In 571
 (H) Final Hydrostatic 1571

Test 1150
 Jars 250
 Safety Joint 75
 Circ Sub _____
 Hourly Standby _____
 Mileage 57 RT 176.70
 Sampler 250
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder 200
 Day Standby 1d 7hrs
 Accessibility _____
 Sub Total 2101.70

T-On Location 08137
 T-Started 10:20
 T-Open 12:12
 T-Pulled 14:32
 T-Out 16:43

Comments called AT
23:55 8-15-12 to
pickup Tool.

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 800
 Total 2901.70

Initial Open 10
 Initial Shut-In 60
 Final Flow 10
 Final Shut-In 60

Approved By _____ Our Representative [Signature]

Tribolite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 47640 Date 8-14-12
 Company Name Samuel Gary Jr. & Assoc. Inc.
 Lease Windholz 1-17 Test No. ①
 County Ellis Sec. 17 Twp. 12^s Rng. 16^w

SAMPLER RECOVERY

Gas _____ ML
 Oil _____ ML
 Mud _____ ML
 Water _____ ML
 Other _____ ML
 Pressure 120 PSI
 Total 0 ML

No Fluid

PIT MUD ANALYSIS

Chlorides 4000 ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity 51
 Mud Weight 8.7
 Filtrate NA
 Other _____

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
 Gravity _____ corrected @60F

PIPE RECOVERY

TOP
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.

MIDDLE
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.

BOTTOM
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.



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

Well Name: Windholz 1-17
 Location: Sec. 17-12S-16W Ellis County, Kansas
 License Number: 15-051-26357-0000
 Spud Date: AUG 10, 2012
 Surface Coordinates: 2130 FNL / 900 FEL
 Region: WILDCAT
 Drilling Completed: AUG. 15, 2012

Bottom Hole Coordinates:
 Ground Elevation (ft): 1953' K.B. Elevation (ft): 1961'
 Logged Interval (ft): 2800' To: 3600' Total Depth (ft): 3600'
 Formation: Lansing, Arbuckle
 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, Ste. # 700
 Denver, Colo. 80202
 Geo: Clayton Camozzi

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 REPORT

DST#1 3160'-3238' 10 60 10 60
 IF- NB, GOOD SURGE + FLUSHED/ ISI- NB/ FF- NB/ FSI- NB
 IH- 1551, FH 1571/ IF-21 TO 31/ FF- 31 TO 36/ ISI- 577, FSI- 571
 RECOVERY- 20' MUD/ BHT-99

ROCK TYPES

Anhy	Gyp	Shgy	Sandylms
Bent	Igne	Sltst	Shale
Brec	Lmst	Ss	Sltstn
Cht	Meta	Till	Shlysits
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	Sltly	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
- S Subrnd
- a Subang

- A Angular

OIL SHOWS

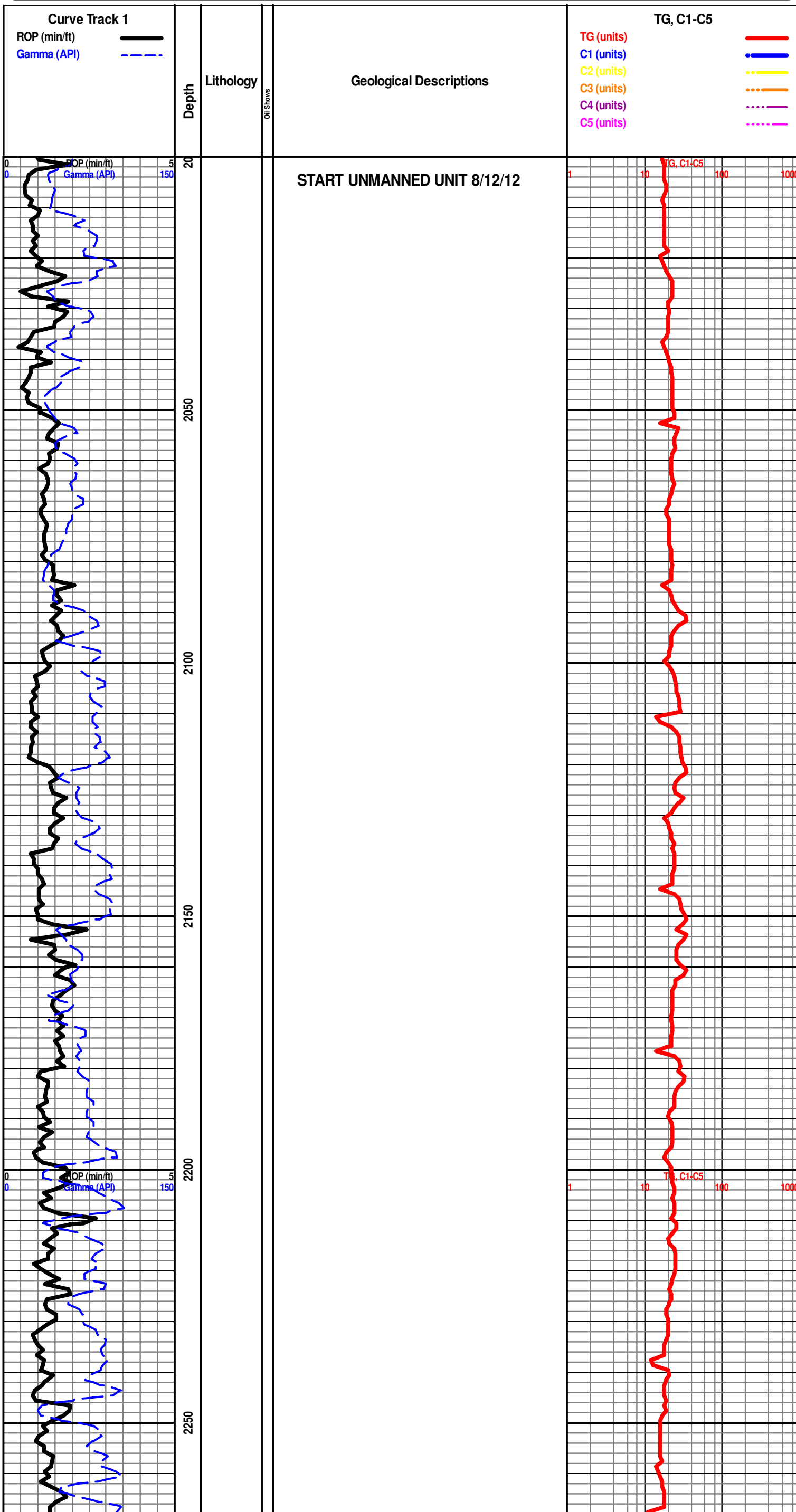
- E Even
- S Spotted
- Q Ques
- D Dead
- G Gas show

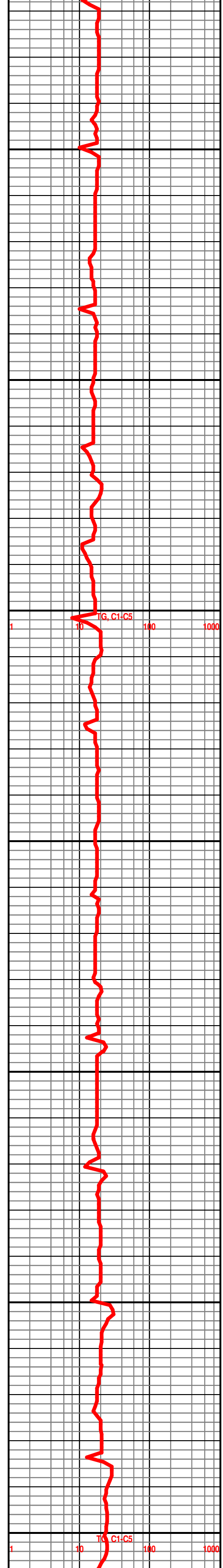
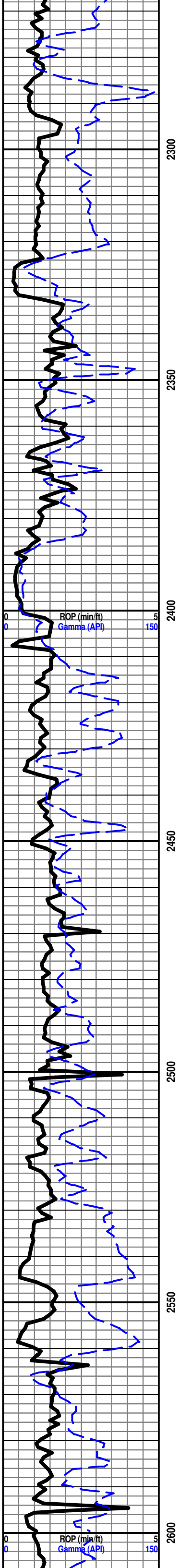
INTERVALS

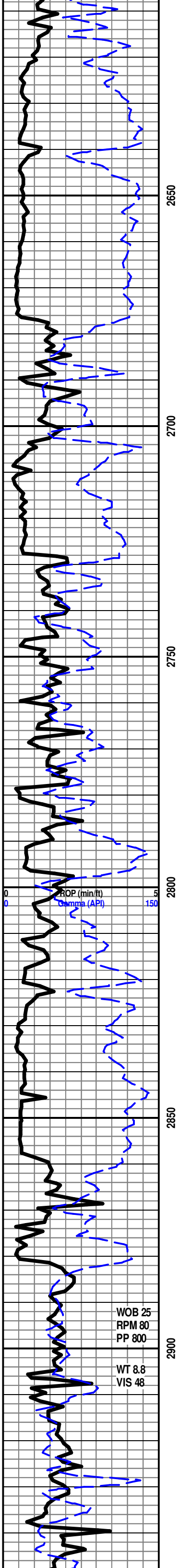
- C Core
- Dst Dst
- Dst Dst

EVENTS

- Rft Rft
- S Sidewall





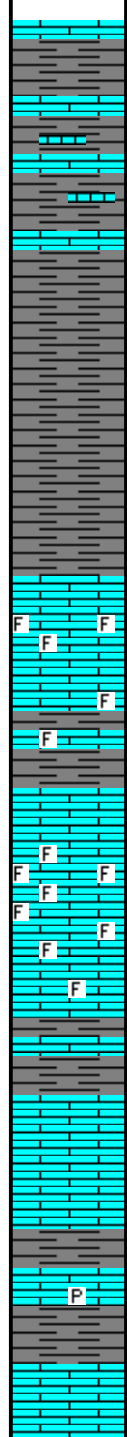


2650
2700
2750
2800
2850
2900

ROP (min/ft)
Gamma (API)

WOB 25
RPM 80
PP 800

WT 8.8
VIS 48



BRS 2677' -716'

START 24 HOUR MANNED UNIT 8/13/12

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

SH- GY TO DK GY, FRM BLKY, SLTY TXT, TR CALC IP

SH- GY TO DK GY, SFT GMMY, SMTH TXT

HOWARD 2858' -897'

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

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

TOPEKA 2881' 920'

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

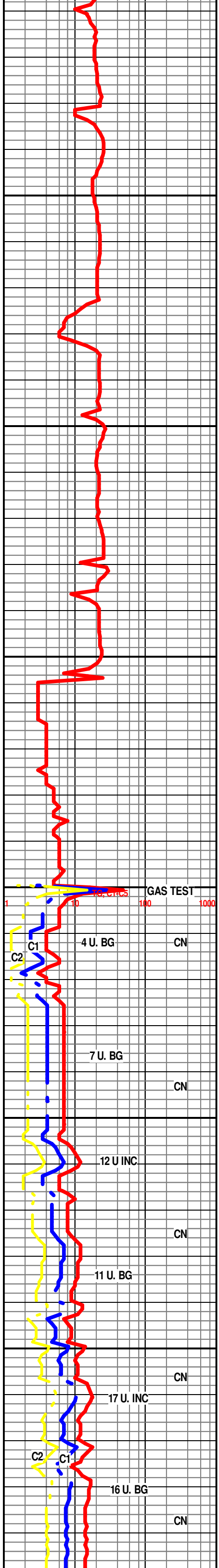
LS- TN TO DK TN, HD DNS, V/F TO F XLN MTRX, TR IMBD FOSS FRG IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

SGA TOPEKA 2912' -951'

2913'-2916' LS- OFF WHT TO CRM W/ TN OIL STN IN 10%, HD DNS TO V/ BRIT, V/F TO F XLN SUCRO MTRX, DUL YEL GLD FLO IN 60%, BRT YEL GLD FLO IN 10% PR PP POR IN 5%, PR MICRO VUG POR IN 2%, GD FL SH CUT IN 80%, GD SLW STRM IN 70%, TN LCH ON DISH, NO OIL ODOR

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

LS- TN TO GY, HD DNS TO BRIT IP, F XLN RE-XLN MTRX, ABDT IMBD CALC XLS IP, NO VIS FLO, NO VIS POR, NO VIS SHOW



GAS TEST
10 100 1000

C1 4 U. BG CN

C2

7 U. BG CN

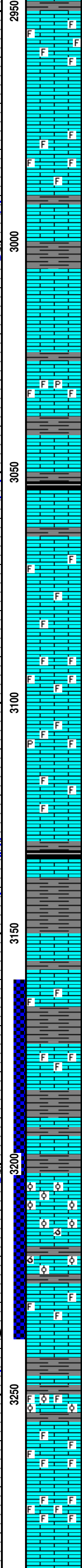
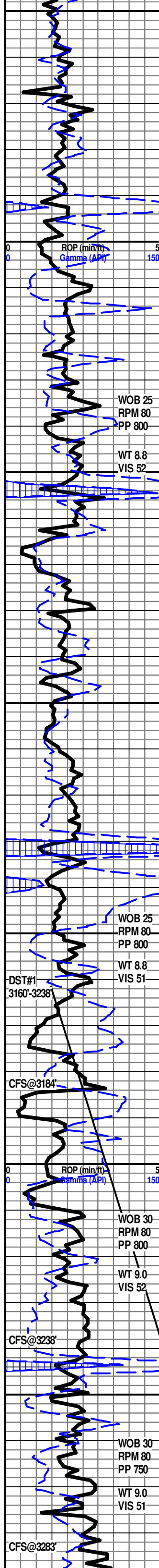
12 U. INC.

11 U. BG

17 U. INC

C2 C1

16 U. BG CN



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

2967'-2968' LS- LT GY TO TN W/ TN OIL STN IN 25%, HD DNS TO BRIT, V/F TO F XLN SUCRO MTRX, S-CHLKY IP, IMBD CALC XLS THRU, DUL YEL GLD FLO IN 20%, V/ PR VUG POR IN 5%, GD FLSH CUT IN 20%, GD SLW STRM IN 20%, NO LCH ON DISH, NO OIL ODOR

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

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

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

LS- OFF WHT TO CRM, HD DNS TO BRIT IP, V/F TO F XLN, S-SUCRO IP, TR IMBD DISS PYR IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

LE COMPTON 3016' -1055'

LS- TN TO DK TN, HD DNS, F TO MD XLN RE-XLN MTRX, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- LT TN TO TN, FRM DNS TO BRIT, F XLN CHLKY MTRX, TR SCAT IMBD FOSS FRG IP, SLI TR IMBD DISS PYR IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- WHT TO OFF WHT, HD DNS TO BRIT IP, V/F TO F XLN SUCRO MTRX, SLI TR IMBD PYR IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

SH- BLCK, SFT, CARB

LS- LT TN TO GY, HD DNS TO BRIT IP, F XLN RE-XLN MTRX, TR LG IMBD CALC XLS IP, LG FREE CALC XLS IN TRAY, NO VIS FLO, NO VIS POR, NO VIS SHOW

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

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

3105'-3108' LS- OFF WHT TO CRM W/ DK TN OIL STN IN 20%, LOS IN 5%, HD DNS TO BRIT IP, F TO MD XLN RE-XLN MTRX, IMBD FOSS FRG THRU, TR IMBD CALC XLS ON ONE FACE IP, TR DISS PYR IP, DUL YEL GLD FLO IN 30%, V/ GD VUG POR IN 4%, PR TO FR VUG POR IN 1%, POSS FRCT POR, GD FLSH CUT IN 60%, GD SLW STRM IN 50%, TN LCH ON DISH, V/WK OIL ODOR

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

HEEBNER 3130' -1169'

SH- BLCK, SFT, CARB

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

LS- LT TN TO TN, HD DNS, V/F TO F XLN MTRX, NO VIS FLO, NO VIS POR, NO VIS SHOW

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

DOUGLAS 3165' -1204'

LANSING 3176' -1215'

3177'-3178' LS- TN W/ TN OIL STN IN 20%, HD DNS TO BRIT, F TO MD XLN RE-XLN MTRX, ABDT IMBD FOSS FRG THRU, BRT YEL GLD FLO IN 20%, DUL YEL GLD FLO IN 5%, PR TO FR INTR XLN POR IN 5%, FR FLSH CUT IN 20%, FR SLW STRM IN 25%, NO LCH ON DISH, V/WK OIL ODOR

LS- CRM TO LT TN, HD DNS, F TO MD XLN RE-XLN MTRX, NO VIS FLO, NO VIS POR, NO VIS SHOW

LANSING "C" 3203' -1242'

3205'-3208' LS- LT TN W/ TN OIL STN IN 35%, HD DNS TO BRIT, F TO MD XLN RE-XLN MTRX, ABDT IMBD OOL THRU, DUL YEL GLD FLO IN 25%, FR INTR XLN POR IN 5%, FR TO GD VUG POR IN 2%, WK FLSH CUT IN 30%, PR TO FR SLW STRM IN 30%, NO LCH ON DISH, NO OIL ODOR

LS- LT TN, HD DNS, F TO MD XLN RE-XLN MTRX, IMBD OOL THRU, TR SCAT OOLMLD THRU, NO VIS FLO, PR OOLMLD POR IN 25%, NO VIS SHOW

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

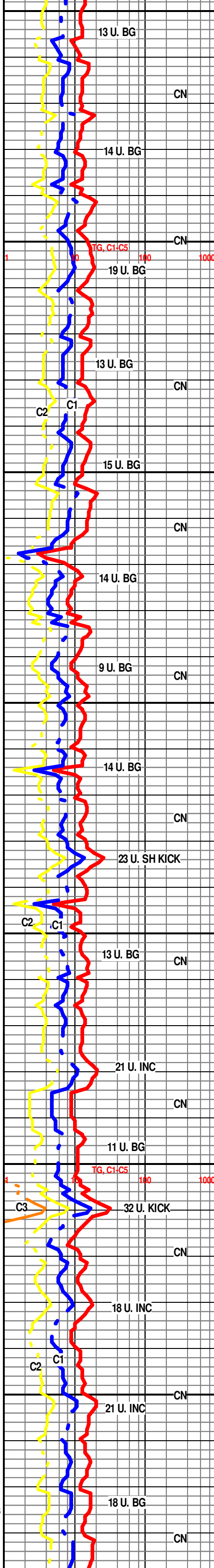
LS- OFF WHT TO CRM, HD DNS, F TO MD XLN RE-XLN MTRX, IMBD CALC XLS THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

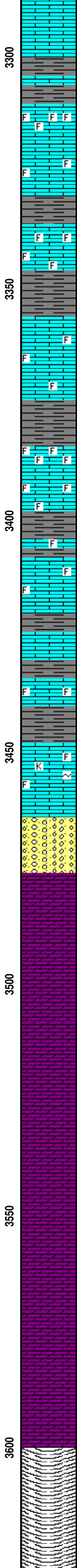
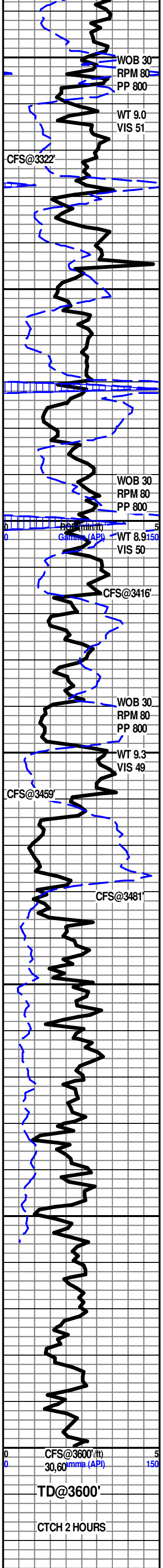
LANSING "F" 3249' -1288'

3250'-3252' LS- LT TN TO TN W/ TN OIL STN IN 20%, DOS IN 25%, HD DNS TO BRIT, F TO MD XLN RE-XLN MTRX, ABDT IMBD OOL THRU, IMBD FOSS FRG THRU, DUL YEL GLD FLO IN 30%, V/PR INTR XLN POR IN 5%, WK FLSH CUT IN 40%, WK SLW STRM IN 30%, NO LCH ON DISH, WK OIL ODOR

LS- LT TN TO TN, HD DNS TO BRIT, F XLN RE-XLN MTRX, ABDT IMBD FOSS FRG THRU, NO VIS FLO, PR INTR FOSS POR IN 1%, NO VIS SHOW

3575'-3576' LS- TN W/ TN OIL STN IN 45%, HD DNS TO BRIT, F XLN SUCRO MTRX, S-CHLKY IP, ABDT IMBD FOSS FRG THRU, SLI TR IMBD CALC XLS IP, DUL YEL GLD FLO IN 60% PR INTR FOSS POR IN 5%, PR TO FR VUG POR IN 3%, WK FLSH CUT IN 45%, PR TO FR SLW STRM IN 40%, NO LCH ON DISH, FR OIL ODOR





LS- OFF WHT TO CRM, HD DNS TO BRIT, F XLN SUCRO MTRX, S-CHLKY IP, TR SCAT IMBD CALC XLS IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

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

LANSING "H" 3310' -1349'

LS- OFF WHT TO LT TN, HD DNS TO BRIT, F TO MD XLN SUCRO MTRX, IMBD FOSS FRG THRU, TR IMBD CALC XLS IP, SCAT SFT WHT CHLK IN TRAY, NO VIS FLO, NO VIS POR, NO VIS SHOW

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

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

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

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

SH- BRWN LT GY TO DK GY, FRM SPLNTY, SMTH TO SLTY TXT

3384'-3387' LS- LT GY TO TN W/ TN OIL STN IN 50%, HD DNS TO BRIT IP, F XLN RE-XLN MTRX, ABDT IMBD FOSS FRG THRU, IMBD DISS PYR IP, DUL YEL GLD FLO IN 60%, FR INTR FOSS POR IN 5%, PR VUG POR IN 3%, GD FLSH CUT IN 80%, GD SLW STRM CUT IN 75%, TN LCH ON DISH, NO OIL ODOR

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

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

BKC 3420' -1459'

LS- CRM TO LT TN, HD DNS, V/F TO F XLN MTRX, IMBD CALC XLS IP, NO VIS FLO, NO VIS POR, NO VIS SHOW

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

SH- BRWN TO GY, SFT GMMY

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

CONG- LS-LT TN, HD DNS TO V/BRIT, F XLN SUCRO MTRX, IMBD FOSS FRG IP, IMBD GLAUC OR KAOL IP, SH- BRWN GRN TO GY, SFT GMMY, CHRT- OFF WHT TO TN

ARBUCKLE 3476' -1515'

3481'-3482' DOLO- CRM TO LT TN W/TN OIL STN IN 10%, HD DNS TO BRIT, F XLN RE-XLN MTRX, ABDT IMBD SM TO MD S-ANG TO AND DOLO GRNS, DUL YEL GLD FLO IN 35%, PR INTR GRN POR IN 5%, GD FLSH CUT IN 20%, FR TO GD SLW STRM CUT IN 15%, NO LCH ON DISH

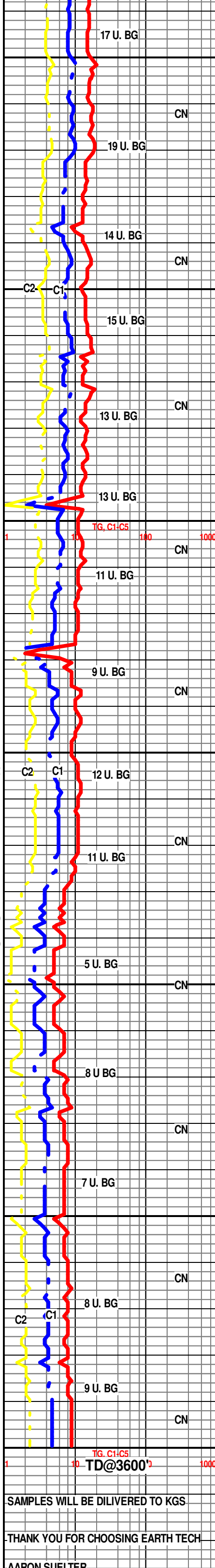
3496'-3498' DOLO- LT TN TO TN W/ LT TN OIL STN IN 15%, HD DNS TO BRIT, F XLN RE-XLN MTRX, ABDT IMBD SM TO MD S-ANG TO S-RND DOLO GRNS THRU, DUL YEL GLD FLO IN 10%, PR TO FR INTR GRN POR IN 5%, V/WK FLSH CUT IN 15%, PR SLW STRM IN 10%, NO LCH ON DISH

3503'-3505' DOLO- LT TN TO TN W/ LT TN OIL STN IN 5%, HD DNS TO BRIT IP, F XLN RE-XLN MTRX, ABDT IMBD MD S-RND DOLO GRNS THRU, DUL YEL GLD FLO IN 10%, V/PR INTR GRN POR IN 5%, V/WK FLSH CUT IN 15%, PR SLW STRM IN 10%, NO LCH ON DISH

3517'-3520' DOLO- CRM TO TN W/ TN OIL STN IN 5%, HD DNS TO BRIT IP, F XLN RE-XLN MTRX, ABDT IMBD SM TO MD S-ANG TO S-RND DOLO GRNS THRU, DUL YEL GLD FLO IN 5%, PR TO FR INTR GRN POR IN 10%, NO FLUSH CUT, V/PR SLW STRM IN 5%, NO LCH ON DISH

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

DOLO- OFF WHT TO CRM, HD DNS TO BRIT IP, F XLN RE-XLN MTRX, ABDT IMBD SM TO MD S-ANG TO S-RND DOLO GRNS THRU, NO VIS FLO, PR TO FR INTR GRN POR IN 5%, NO VIS CUT OR SHOW



TD@3600'
CTCH 2 HOURS

R.T.D. @ 5:20 PM 8/15/12
T.O.F.L. @ 7:20 PM
WEATHERFORD/LIBERAL

TG, C1, C5
TD@3600'

SAMPLES WILL BE DELIVERED TO KGS

THANK YOU FOR CHOOSING EARTH TECH

AARON SUELTER

