Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1234183

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 # 3882
Name: Samuel Gary Jr. & Associates, Inc.
Address 1: 1515 WYNKOOP, STE 700
Address 2:
City: DENVER State: CO Zip: 80202 + __ __ __ __
Contact Person: CLAYTON CAMOZZI
Phone: (303) 831-4673
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: SCHUYLER HEDRICK
Purchaser: SAMUEL GARY JR. & ASSOCIATES, INC.

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 #:

8/16/2014	8/26/2014	8/27/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-153-21047-00-00
Spot Description:
_ - SE - SE - NE Sec. 6 Twp. 2 S. R. 36 ☐ East ☑ West
2310 Feet from ☑ North / ☐ South Line of Section
330 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Rawlins
Lease Name: KRUEGER TRUST Well #: 1-6
Field Name:
Producing Formation: LANSING
Elevation: Ground: 3316 Kelly Bushing: 3321
Total Vertical Depth: 5042 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 344 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 2502 Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 2502 w/ 340 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 2200 ppm Fluid volume: 80 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: MURFIN DRILLING CO
Lease Name: KORTAN #2 License #: 30606
Quarter NE Sec. 20 Twp. 9 S. R. 21 ☐ East ☑ West
County: GRAHAM Permit #: D24007

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: 12/05/2014
☑ **Confidential Release Date:** 12/04/2016
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 12/05/2014

[redacted] 1234183

Operator Name: Samuel Gary Jr. & Associates, Inc. Lease Name: KRUEGER TRUST Well #: 1-6

Sec. 6 Twp. 2 S. R. 36 ☐ East ☑ West County: Rawlins

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
TOPEKA	4040	-719
HEEBNER	4211	-890
LANSING	4252	-931
MISSISSIPPIAN	4942	-1621
TD	5042	

CASING RECORD ☑ New ☐ 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
SURFACE	12.25	8.625	23	344	COMMON CLASS A	300	2% GEL, 3% CC
PRODUCTION	7.875	5.5	15.5	4922	COMMON CLASS A	340	10% SALT, 2% GEL, 1/4#/SK FLO SEAL

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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 *(Amount and Kind of Material Used)*	Depth
4	4374-4382	1000 GAL 28% MCA W/ 3% MAS	4374-4382

TUBING RECORD: Size: 2.875 Set At: 4274 Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 9/9/2014

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

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

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
4374-4382

Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	KRUEGER TRUST 1-6
Doc ID	1234183

All Electric Logs Run

DEN-NEUT
INDUCTION
MICRO
SONIC
SPECTRAL

Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	KRUEGER TRUST 1-6
Doc ID	1234183

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	23	344	COMMON CLASS A	300	2% GEL, 3% CC
PRODUCTION	7.875	5.5	15.5	4922	COMMON CLASS A	340	10% SALT, 2% GEL, 1/4#/SK FLO SEAL

ALLIED
OIL & GAS SERVICES, LLC

PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 145055
Invoice Date: Aug 16, 2014
Page: 1

Bill To:

Samuel Gary, Jr. & Assoc.
1935 Louie St

Hays, KS 67601

9/4

V1409-AF-97

Customer ID	Field Ticket #	Payment Terms	
Gary	64131	Net 30 Days	
Job Location	**Camp Location**	**Service Date**	**Due Date**
KS1-01	Oakley	Aug 16, 2014	9/15/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Krueger Trust #1-6		
300.00	CEMENT MATERIALS	Class A Common	17.90	5,370.00
846.00	CEMENT MATERIALS	Chloride	1.10	930.60
315.00	CEMENT SERVICE	Cubic Feet Charge	2.48	781.20
1,162.40	CEMENT SERVICE	Ton Mileage Charge	2.75	3,196.60
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
80.00	CEMENT SERVICE	Pump Truck Mileage	7.70	616.00
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
80.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	352.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	OPERATOR ASSISTANT	Adam Flipse		

RECEIVED
AUG 29 2014
SAMUEL GARY JR. & ASSOCIATES, INC.

☑ DRLG ☐ COMP ☐ W/O ☐ LOE ☐ GG

Account	8200.138
Well/Prospect	
Deck	
AFE	
Approval	
Description	

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

$ 3,910.09

ONLY IF PAID ON OR BEFORE

Sep 15, 2014

Subtotal	13,033.65
Sales Tax	497.75
Total Invoice Amount	13,531.40
Payment/Credit Applied	
TOTAL	**13,531.40**

(3910.09)

9621.31

ALLIED OIL & GAS SERVICES, LLC 064131

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley, KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
8-16-14	6	7	36		2:00 p.m.	4:15	4:45

LEASE	WELL #	LOCATION	COUNTY	STATE
Kroeger trust	1-6	McDonald 2W, 10N to Rd 4, 1/4 E, 5 into	Rawlins	KS

OLD OR (NEW) (Circle one)

CONTRACTOR Murfin 8
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 344
CASING SIZE 8 5/8 DEPTH 345.45
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 20'
PERFS.
DISPLACEMENT 20.736bl

OWNER Same

EQUIPMENT

PUMP TRUCK # 423/281 CEMENTER Paul Beaver
HELPER Adam Flipse
BULK TRUCK # 818/287 DRIVER Juan T (TWS)
BULK TRUCK # DRIVER

CEMENT

AMOUNT ORDERED 300 sks Com 3% CC

COMMON	300sks	@ 17.90	5370.00
POZMIX		@	
GEL		@	
CHLORIDE	846 #	@ 1.10	930.60
ASC		@	
Materials Taxed		@	6.30060
(18901R/305)		@	
		@	
		@	
		@	
		@	
HANDLING	315 ft3	@ 2.48	= 781.20
MILEAGE	14.53 tons x 80mi x .275		= 3,196.60
		TOTAL	

REMARKS:

Mix 300 sks Com 3% CC
Displace w/ water
cement did circulate

Thank You!
Pwl + Crew

SERVICE

DEPTH OF JOB	345'		
PUMP TRUCK CHARGE			1562.25
EXTRA FOOTAGE		@	
MILEAGE	mi HV 80	@ 7.70	616.00
MANIFOLD	Swedge	@	175.00
	mi LV 80	@ 4.40	352.00
		@	
(20199/308)		TOTAL	2,733.25

CHARGE TO: Samuel Gary + Assoc. Inc
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
	TOTAL	

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
TOTAL CHARGES 13,033.65
DISCOUNT 3,906.09 (30%) IF PAID IN 30 DAYS
9,127.55 Net

PRINTED NAME Rodney Tam

SIGNATURE Rodney Tam

2707460

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 46717
LOCATION Oakley KS
FOREMAN Dane Retzloff

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-27-14	3075	Krueger Trust 1-6	6	2S	36W	Rawlins KS

CUSTOMER: Samuel Gary Jr.
MAILING ADDRESS: 1515 Wynkoop Suite 700
CITY: Denver | STATE: CO | ZIP CODE: 80202

Mcdonald KS west to county line. North 10 miles East into

TRUCK #	DRIVER	TRUCK #	DRIVER
399	Mike		
529	Lance		
Helper	Eric		

JOB TYPE Production | HOLE SIZE 7 7/8 | HOLE DEPTH 5045' | CASING SIZE & WEIGHT 5 1/2 15.5 LBS
CASING DEPTH 4922 | DRILL PIPE 4.5 | TUBING | OTHER PC at 2502
SLURRY WEIGHT 14.5 | SLURRY VOL 1.40 | WATER gal/sk 5.2 | CEMENT LEFT In CASING 42.42
DISPLACEMENT 116 | DISPLACEMENT PSI 200 psi | MIX PSI 1100 psi | RATE Mix at 5 BBls Displace 7 BBls

REMARKS: Saftey meeting. Rig up. Run float equipment. Turbos on 1, 3, 5, 7, 9, 11, 13 15. Cents on 57, 59. Baskets on 3, 9, 15, 56, 71, 80. PC on 58 Circulated and dropped ball on joint 62. Ball went through at 900 psi. Run casing to bottom. Plug RH MH. Mix Mudflush. Mix 340 sks of class A. 890 gal. 10% salt 1/4 #/sk seal. Release plug. Wash up. Displace 114 BBls of water. Final lift was 1300 psi. landed plug at 1700 psi. Rig down
Cement made turn at 53 BBls out at 500 psi.

Thanks Dane & crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3175.00	3175.00
5406	85	MILEAGE	5.25	446.25
5407A	18.09	Ton Mileage Delivery	1.75	2690.88
11045	385 sks	Class A cement	18.55	7141.75
1111	1720	Salt	.50	860.00
1118A	723	Bentonite	.27	195.21
1107	96	Flo Seal	2.97	285.12
1144G	500 gal	Mudflush	1.00	500.00
4104	6	5 1/2 Baskets	290.00	1740.00
4130	2	5 1/2 Centralizers	61.00	122.00
4136	8	5 1/2 Turbolizers	75.75	606.00
4253	1	5 1/2 Paker Shoe	1850.00	1850.00
4285	1	5 1/2 Port Collar	2178.75	2178.75
4454	1	Latch down Plug Assembly	567.00	567.00
			Sub	22357.96
			less 10%	2235.79
			Total	20122.17
			SALES TAX	1140.85
			ESTIMATED TOTAL	21263.02

Ravin 3737

AUTHORIZTION [signature] TITLE Production Superintendent DATE 08/27/14

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60057 **DST#: 1**

Test Start: 2014.08.19 @ 06:55:00

GENERAL INFORMATION:

Formation: **Stottler**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:30:15
Time Test Ended: 16:08:00

Test Type: Conventional Bottom Hole (Initial)
Tester: James Winder
Unit No: 57

Interval: 3986.00 ft (KB) To 4024.00 ft (KB) (TVD)
Total Depth: 4024.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

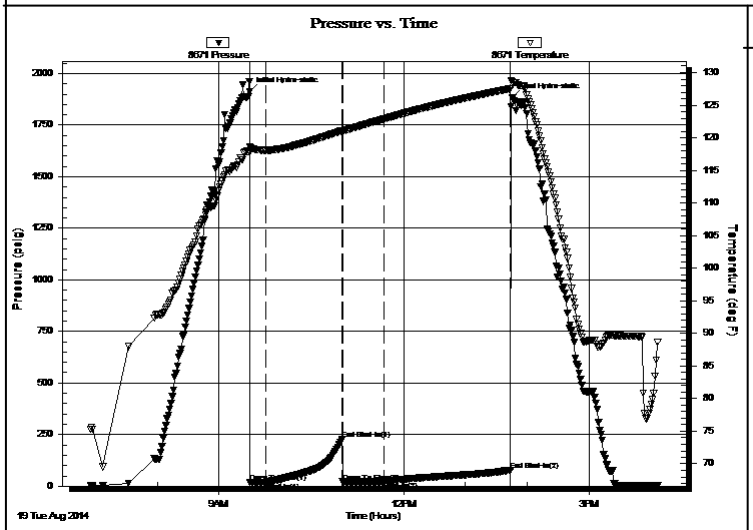
Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8671 **Inside**

Press@RunDepth: 21.02 psig @ 3987.00 ft (KB)
Start Date: 2014.08.19 End Date: 2014.08.19
Start Time: 06:55:05 End Time: 16:08:00

Capacity: 8000.00 psig
Last Calib.: 2014.08.19
Time On Btm: 2014.08.19 @ 09:30:00
Time Off Btm: 2014.08.19 @ 13:45:30

TEST COMMENT: 15 - IF: Blow built to 1/4"
75 - ISI: No blow back
40 - FF: Weak surface blow from 10 min. to 22 min., then dead
120 - FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.20	118.64	Initial Hydro-static
1	17.51	117.88	Open To Flow (1)
15	18.86	118.06	Shut-In(1)
90	224.96	121.08	End Shut-In(1)
91	20.39	121.00	Open To Flow (2)
131	21.02	122.85	Shut-In(2)
254	78.11	127.51	End Shut-In(2)
256	1884.90	128.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.01

Gas Rates

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

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60057 **DST#: 1**

Test Start: 2014.08.19 @ 06:55:00

GENERAL INFORMATION:

Formation: **Stottler**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:30:15
Time Test Ended: 16:08:00

Test Type: Conventional Bottom Hole (Initial)
Tester: James Winder
Unit No: 57

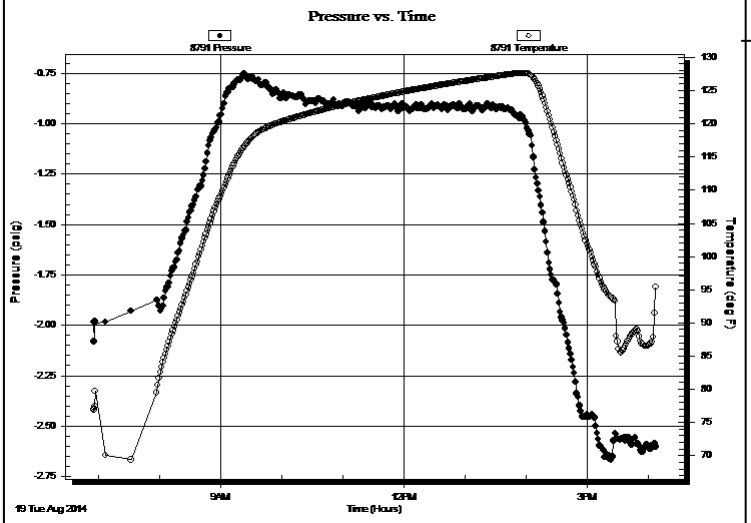
Interval: 3986.00 ft (KB) To 4024.00 ft (KB) (TVD)
Total Depth: 4024.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8791 **Fluid**
Press@RunDepth: psig @ 3897.00 ft (KB)
Start Date: 2014.08.19 End Date: 2014.08.19
Start Time: 06:55:05 End Time: 16:08:00

Capacity: 8000.00 psig
Last Calib.: 2014.08.19
Time On Btm:
Time Off Btm:

TEST COMMENT: 15 - IF: Blow built to 1/4"
75 - ISI: No blow back
40 - FF: Weak surface blow from 10 min. to 22 min., then dead
120 - FSI: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.01

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60057 **DST#: 1**

Test Start: 2014.08.19 @ 06:55:00

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:	62.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	600.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

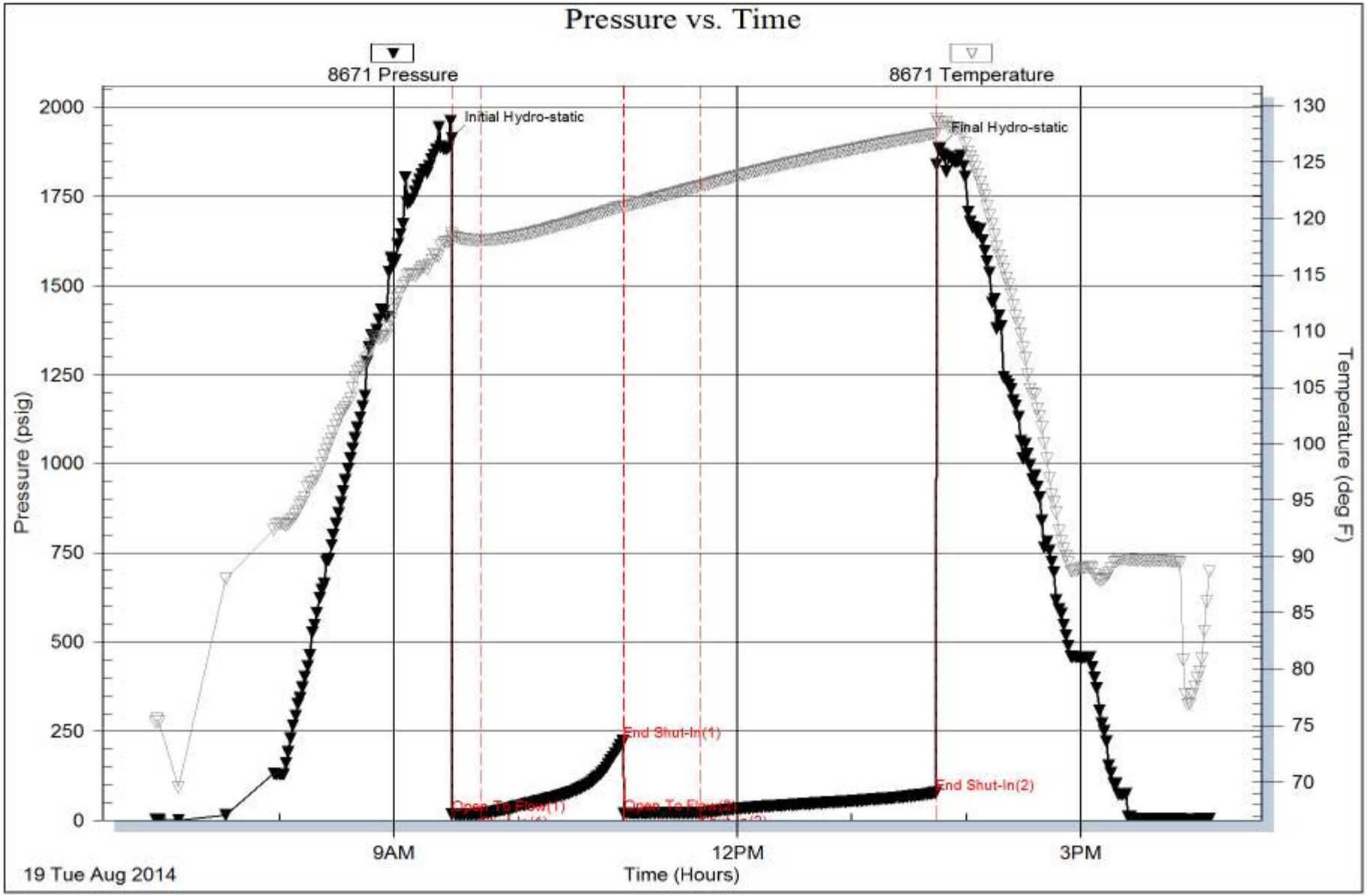
Recovery Table

Length ft	Description	Volume bbl
2.00	Mud 100%	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

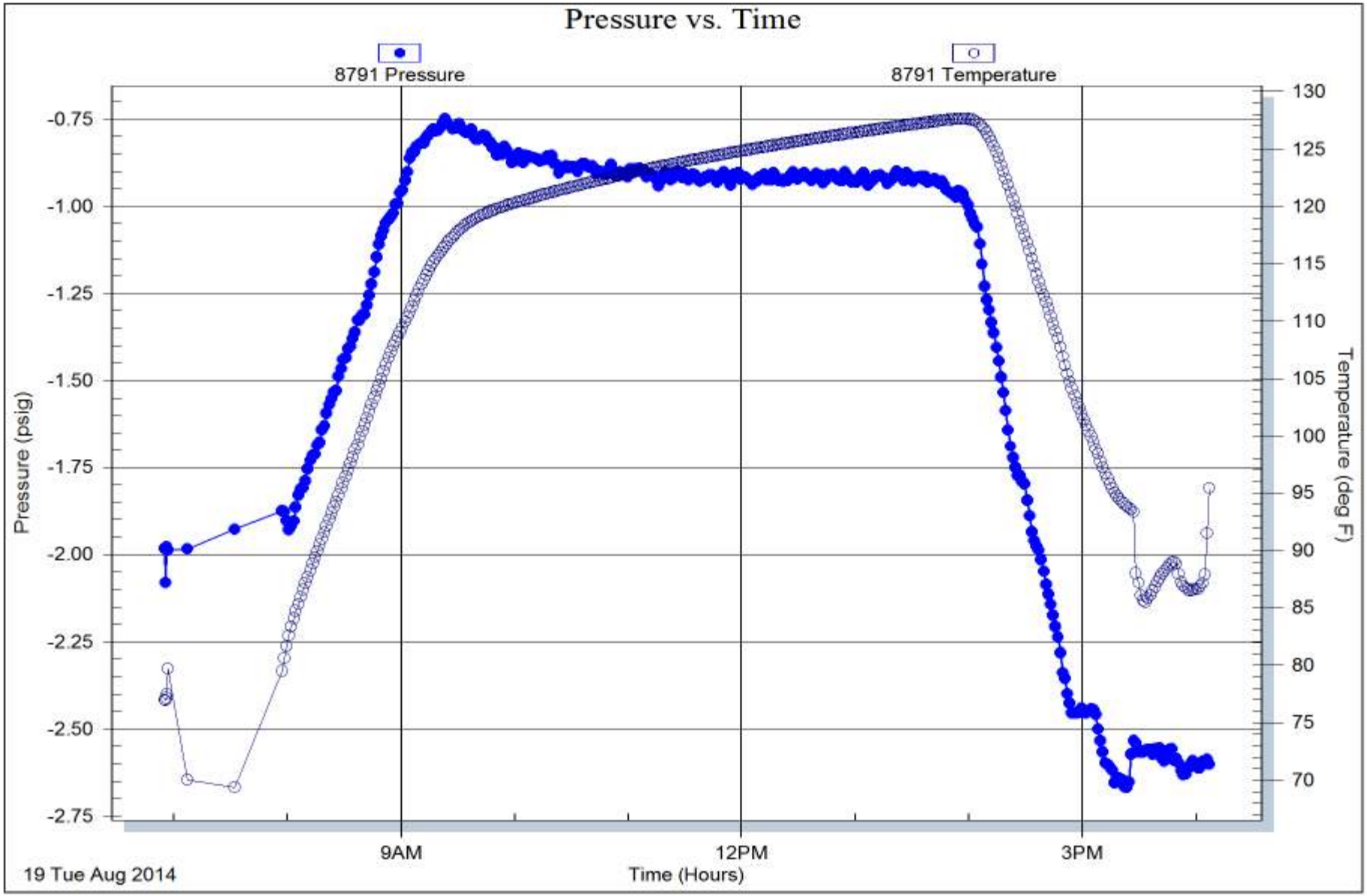
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: Sampler = 20 PSI, 1500 mL mud w/trace of oil

Serial #: 8671 **Inside** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 60057 Printed: 2014.08.19 @ 16:37:20

Serial #: 8791 **Fluid** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 60057 Printed: 2014.08.19 @ 16:37:20

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6-2s-36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 6005i8 **DST#: 2**

Test Start: 2014.08.20 @ 09:05:00

GENERAL INFORMATION:

Formation: **Oread**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:41:00
Time Test Ended: 18:21:15

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

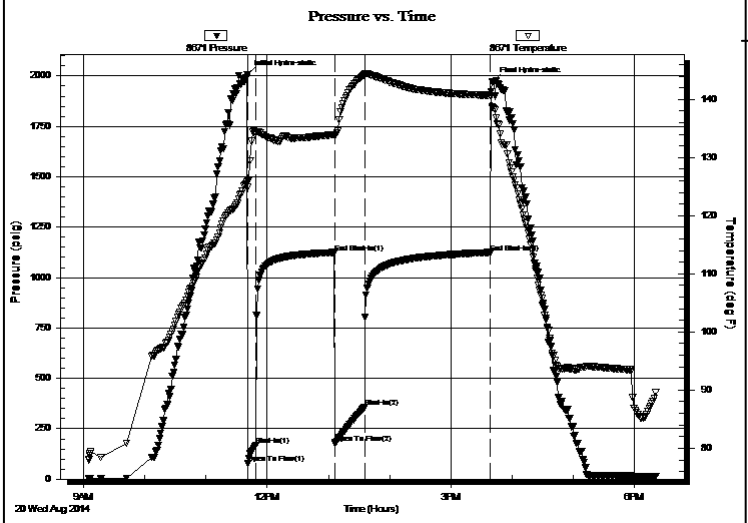
Interval: 4122.00 ft (KB) To 4192.00 ft (KB) (TVD)
Total Depth: 4192.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8671 **Inside**
Press@RunDepth: 358.02 psig @ 4123.00 ft (KB)
Start Date: 2014.08.20 End Date: 2014.08.20
Start Time: 09:05:05 End Time: 18:21:15

Capacity: 8000.00 psig
Last Calib.: 2014.08.20
Time On Btm: 2014.08.20 @ 11:40:30
Time Off Btm: 2014.08.20 @ 15:41:00

TEST COMMENT: 10 - IF: 3" Blow at open, built to BOB (11") at 7 min.
75 - ISI: No blow back
30 - FF: Blow built to BOB at 7 3/4 min.
120 - FSI: Weak surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.48	125.84	Initial Hydro-static
1	76.92	126.05	Open To Flow (1)
9	167.58	134.15	Shut-In(1)
86	1124.70	133.92	End Shut-In(1)
86	179.24	133.70	Open To Flow (2)
115	358.02	144.21	Shut-In(2)
239	1125.03	140.68	End Shut-In(2)
241	1969.79	138.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	MCW w/oil spots 91%w , 8%m, 1%o	1.81
435.00	SOC/WM 54%m, 40%w , 3%o, 3%g	6.10
5.00	OWM 37%m, 35%w , 28%o	0.07

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6-2s-36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 6005i8 **DST#: 2**

Test Start: 2014.08.20 @ 09:05:00

GENERAL INFORMATION:

Formation: **Oread**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:41:00
Time Test Ended: 18:21:15

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

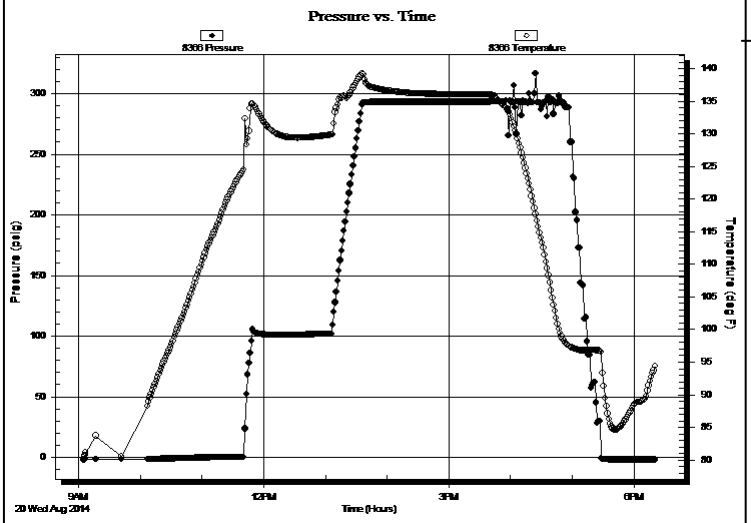
Interval: 4122.00 ft (KB) To 4192.00 ft (KB) (TVD)
Total Depth: 4192.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8366 **Fluid**
Press@RunDepth: psig @ 4033.00 ft (KB)
Start Date: 2014.08.20 End Date: 2014.08.20
Start Time: 09:05:05 End Time: 18:20:45

Capacity: 8000.00 psig
Last Calib.: 2014.08.20
Time On Btm:
Time Off Btm:

TEST COMMENT: 10 - IF: 3" Blow at open, built to BOB (11") at 7 min.
75 - ISI: No blow back
30 - FF: Blow built to BOB at 7 3/4 min.
120 - FSI: Weak surface blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
250.00	MCW w/oil spots 91%w , 8%m, 1%o	1.81
435.00	SOC/WM 54%m, 40%w , 3%o, 3%g	6.10
5.00	OWM 37%m, 35%w , 28%o	0.07

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6-2s-36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 6005i8 **DST#: 2**

Test Start: 2014.08.20 @ 09:05:00

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:	42000 ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.40 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	600.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	MCW w /oil spots 91%w , 8%m, 1%o	1.812
435.00	SOC/WM 54%m, 40%w , 3%o, 3%g	6.102
5.00	OWM 37%m, 35%w , 28%o	0.070

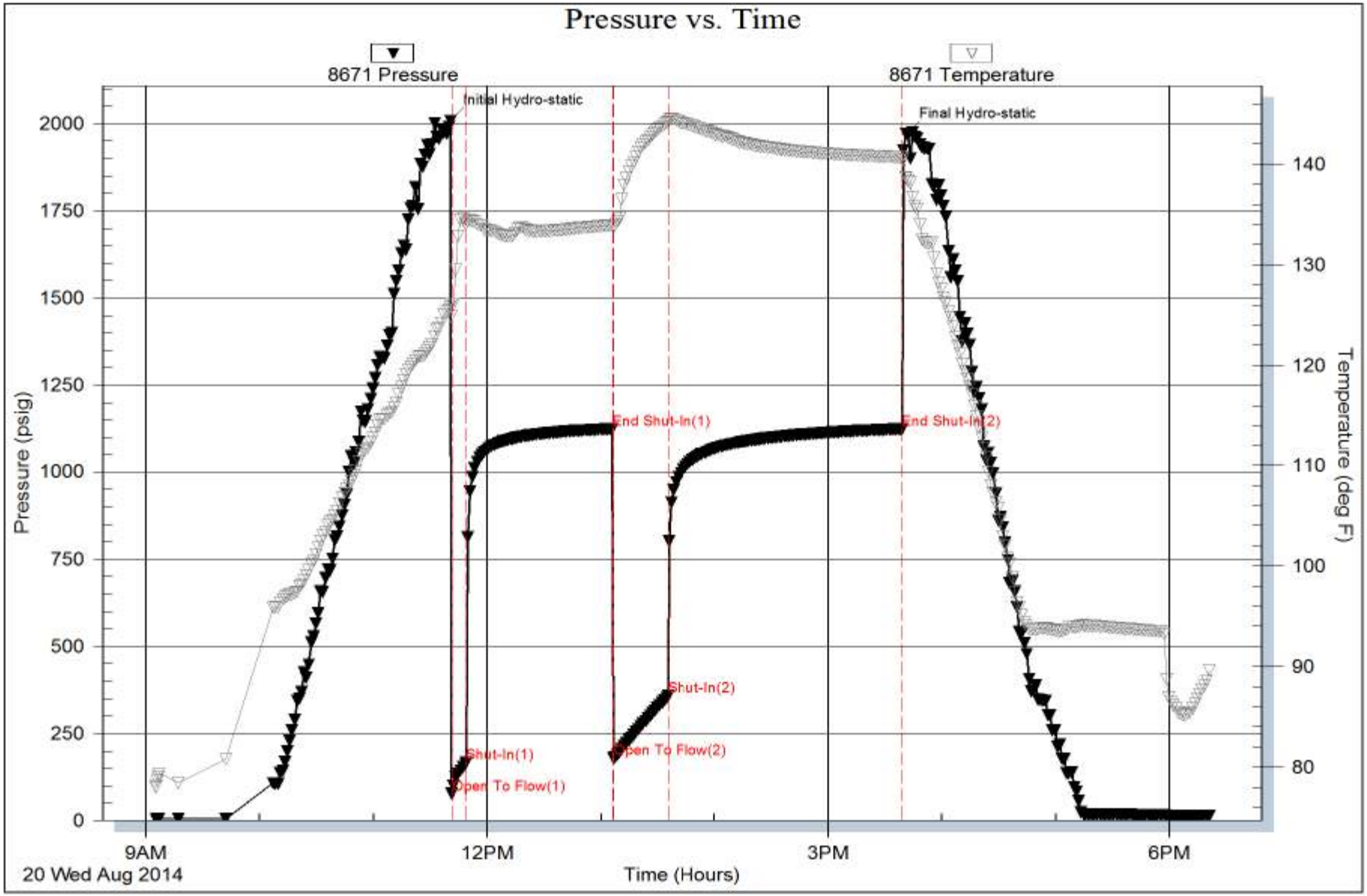
Total Length: 690.00 ft Total Volume: 7.984 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

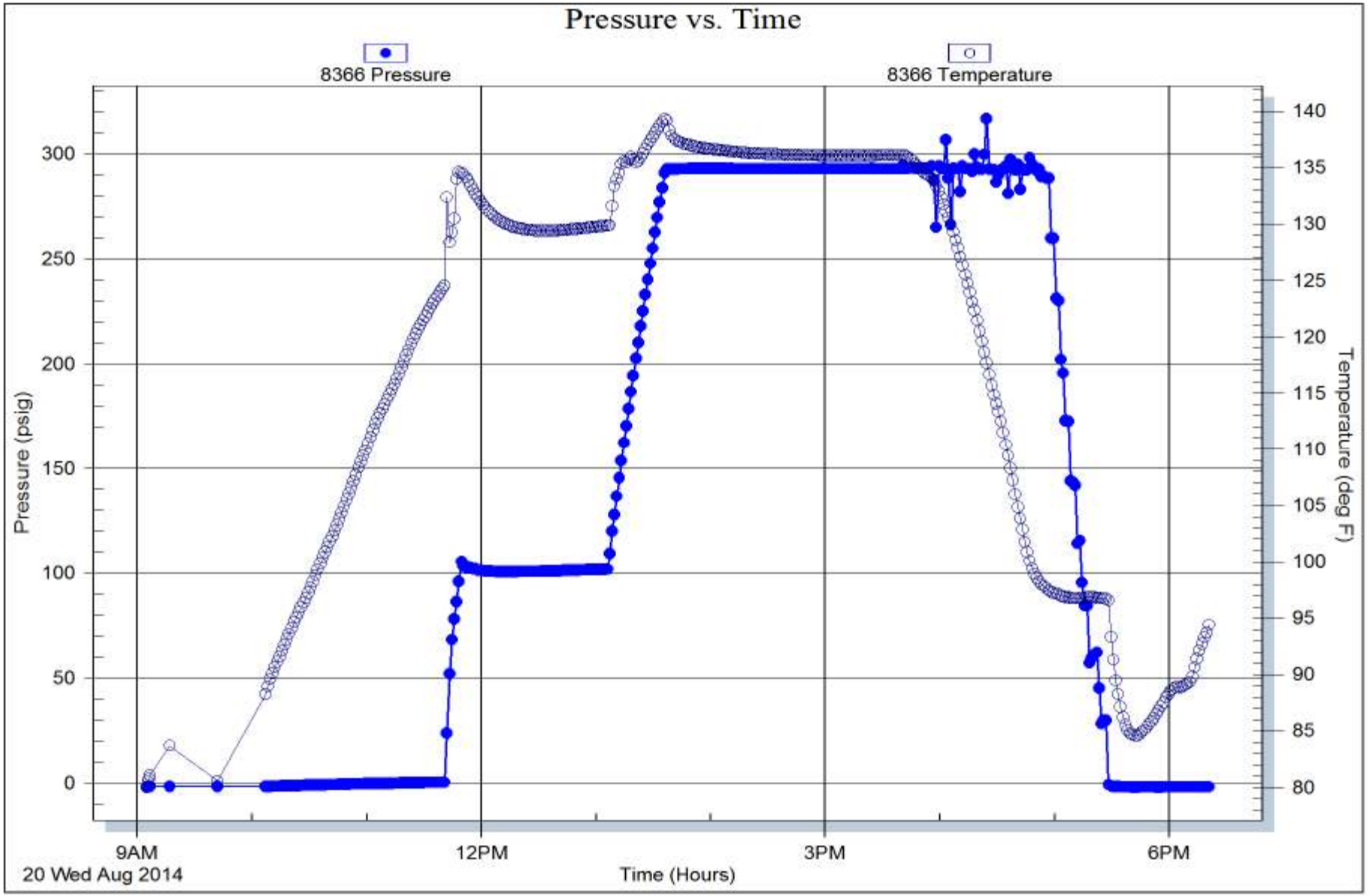
Recovery Comments: RW = .138 ohms @ 90.8 deg F Chlorides = 42,000 ppm
Sampler = 155 psi 2500 mL 95%w , 4%m, 1%o

Serial #: 8671 **Inside** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 6005i8 Printed: 2014.08.21 @ 08:34:19

Serial #: 8366 **Fluid** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 6005i8 Printed: 2014.08.21 @ 08:34:19

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60059 **DST#: 3**

Test Start: 2014.08.21 @ 04:10:00

GENERAL INFORMATION:

Formation: **Douglas Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:03:15
Time Test Ended: 14:49:30

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

Interval: 4190.00 ft (KB) To 4242.00 ft (KB) (TVD)
Total Depth: 4242.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

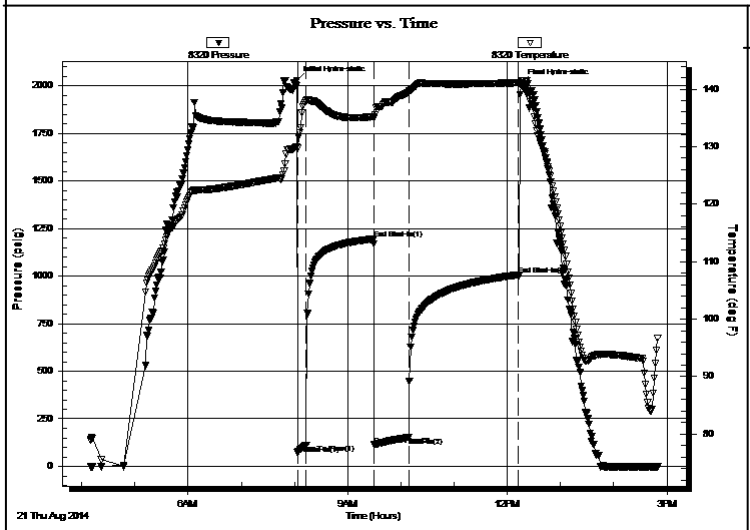
Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8320 **Outside**

Press@RunDepth: 152.58 psig @ 4191.00 ft (KB)
Start Date: 2014.08.21 End Date: 2014.08.21
Start Time: 04:10:05 End Time: 14:49:30

Capacity: 8000.00 psig
Last Calib.: 2014.08.21
Time On Btm: 2014.08.21 @ 08:02:45
Time Off Btm: 2014.08.21 @ 12:15:15

TEST COMMENT: 10 - IF: 3 1/4" surge blow at open, built to 6 1/2"
75 - ISI: No blow back
40 - FF: Blow built to 7 1/2"
120 - FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.33	129.98	Initial Hydro-static
1	70.97	129.75	Open To Flow (1)
11	110.10	137.92	Shut-In(1)
87	1194.33	135.21	End Shut-In(1)
87	112.62	134.94	Open To Flow (2)
127	152.58	139.50	Shut-In(2)
249	1005.69	141.10	End Shut-In(2)
253	2012.93	141.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MCW w/trace oil 68%w , 32%m	0.61
62.00	WCM 85%m, 15%w	0.30
114.00	Mud 100%	1.60

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60059 **DST#: 3**

Test Start: 2014.08.21 @ 04:10:00

GENERAL INFORMATION:

Formation: **Douglas Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:03:15
Time Test Ended: 14:49:30

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

Interval: 4190.00 ft (KB) To 4242.00 ft (KB) (TVD)
Total Depth: 4242.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

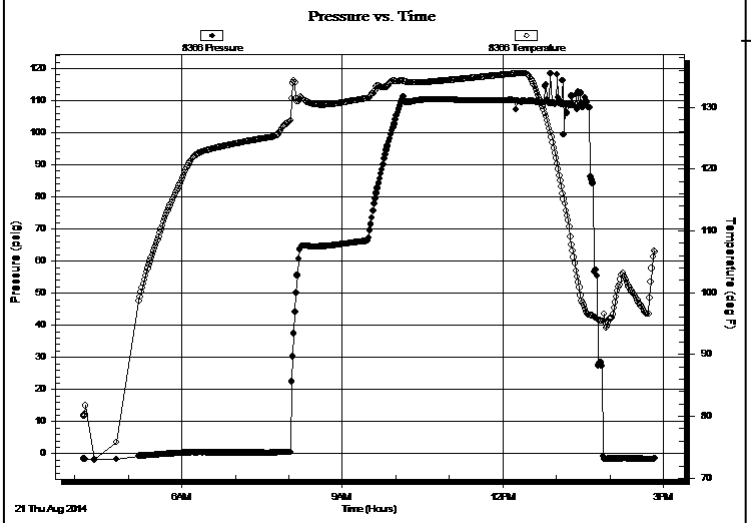
Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8366 **Fluid**

Press@RunDepth: psig @ 4101.00 ft (KB)
Start Date: 2014.08.21 End Date: 2014.08.21
Start Time: 04:10:05 End Time: 14:50:45

Capacity: 8000.00 psig
Last Calib.: 2014.08.21
Time On Btm:
Time Off Btm:

TEST COMMENT: 10 - IF: 3 1/4" surge blow at open, built to 6 1/2"
75 - ISI: No blow back
40 - FF: Blow built to 7 1/2"
120 - FSI: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MCW w/trace oil 68%w , 32%m	0.61
62.00	WCM 85%m, 15%w	0.30
114.00	Mud 100%	1.60

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60059 **DST#: 3**

Test Start: 2014.08.21 @ 04:10:00

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:	16000 ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.80 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	600.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	MCW w /trace oil 68%w , 32%m	0.610
62.00	WCM 85%m, 15%w	0.305
114.00	Mud 100%	1.599

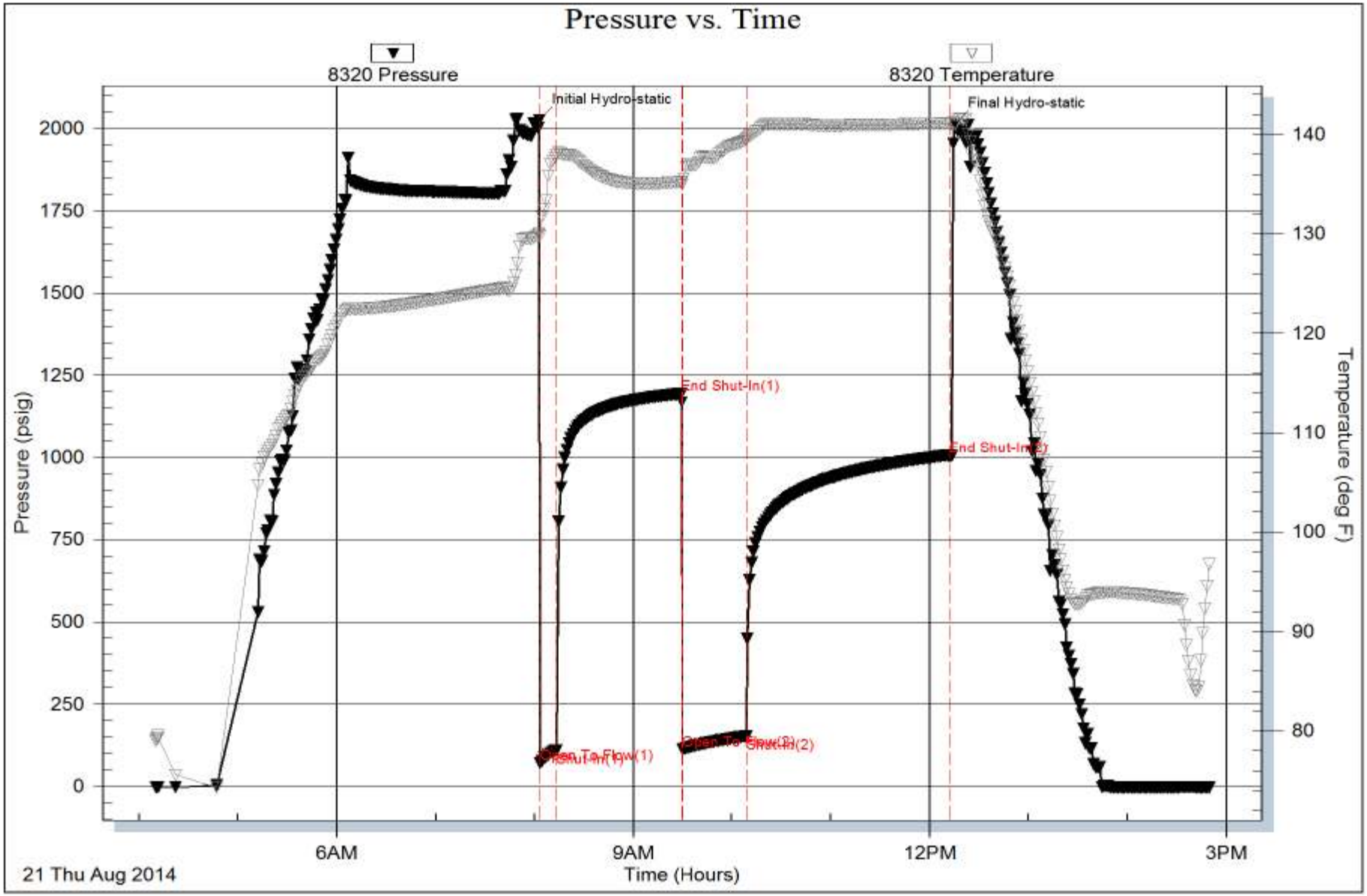
Total Length: 300.00 ft Total Volume: 2.514 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

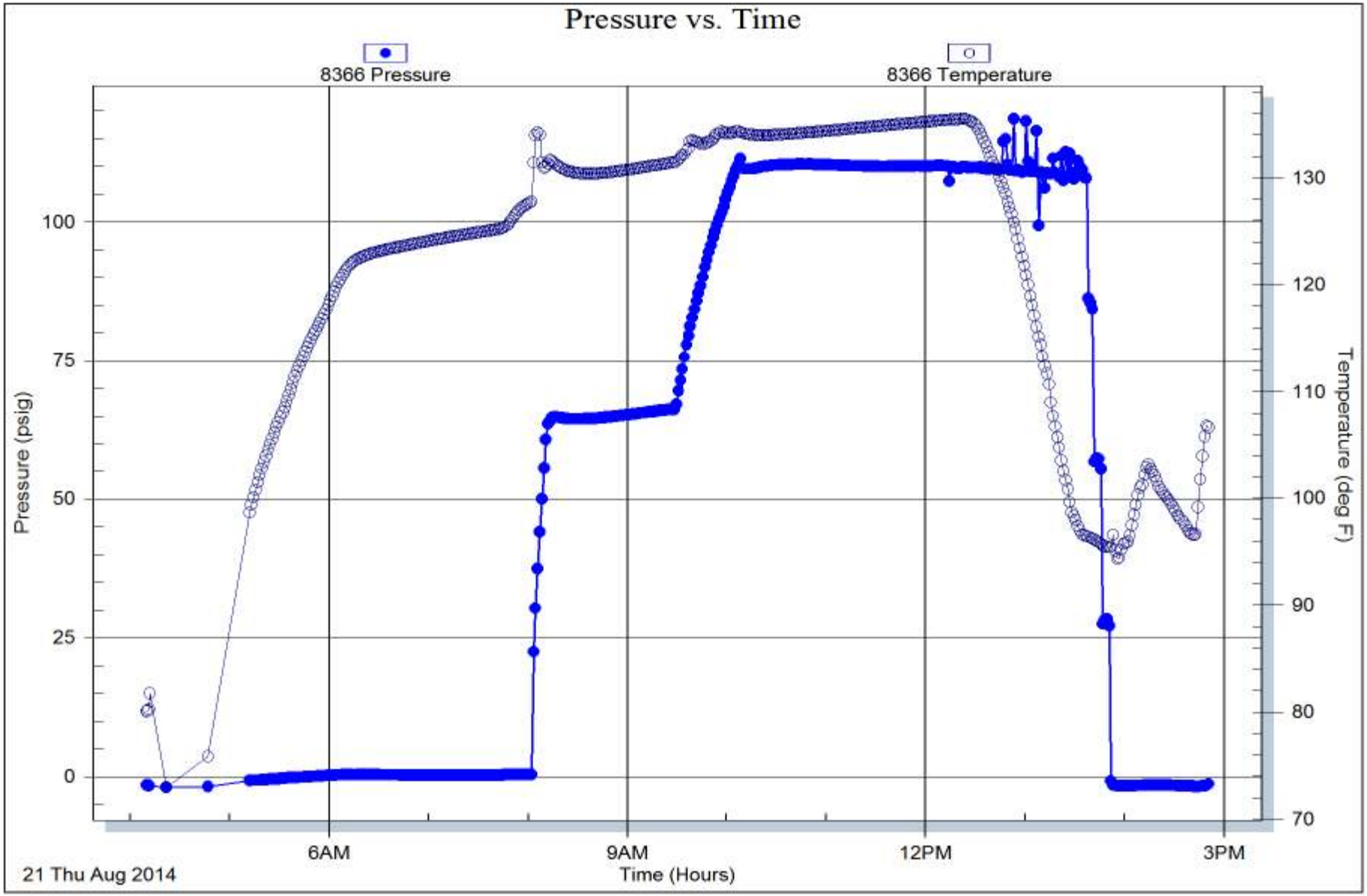
Recovery Comments: RW = .283 ohms @ 105.6 deg F Chlorides = 16,000 ppm
Sampler = 150 PSI, 2400 mL MCW 90%w , 10%m w /trace oil
Sampler RW = .241 ohms @ 110.1 deg F Chlorides = 18,000 ppm

Serial #: 8320 **Outside** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 60059 Printed: 2014.08.21 @ 16:16:15

Serial #: 8366 **Fluid** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 60059 Printed: 2014.08.21 @ 16:16:15

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60060 **DST#: 4**

Test Start: 2014.08.21 @ 23:05:00

GENERAL INFORMATION:

Formation: **LKC "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:06:30
Time Test Ended: 06:59:00

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

Interval: 4250.00 ft (KB) To 4272.00 ft (KB) (TVD)
Total Depth: 4272.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

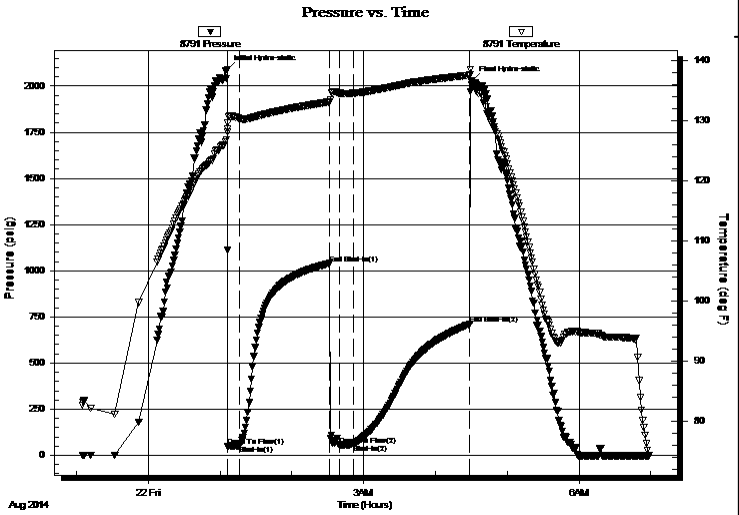
Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8791 **Inside**

Press@RunDepth: 58.62 psig @ 4251.00 ft (KB)
Start Date: 2014.08.21 End Date: 2014.08.22
Start Time: 23:05:05 End Time: 06:58:59

Capacity: 8000.00 psig
Last Calib.: 2014.08.22
Time On Btm: 2014.08.22 @ 01:06:00
Time Off Btm: 2014.08.22 @ 04:30:30

TEST COMMENT: 10 - IF: 2 1/4" surge blow at open, built to 3"
75 - ISI: No blow back
20 - FF: No blow
90 - FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2090.58	128.14	Initial Hydro-static
1	47.54	129.76	Open To Flow (1)
10	51.79	130.42	Shut-In(1)
86	1039.21	133.19	End Shut-In(1)
94	56.05	134.63	Open To Flow (2)
105	58.62	134.63	Shut-In(2)
203	711.52	137.63	End Shut-In(2)
205	2029.85	135.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 88%m, 9%o, 3%g	0.30
30.00	OCM 73%m, 27%o	0.15

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60060 **DST#: 4**

Test Start: 2014.08.21 @ 23:05:00

GENERAL INFORMATION:

Formation: **LKC "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:06:30
Time Test Ended: 06:59:00

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

Interval: 4250.00 ft (KB) To 4272.00 ft (KB) (TVD)
Total Depth: 4272.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

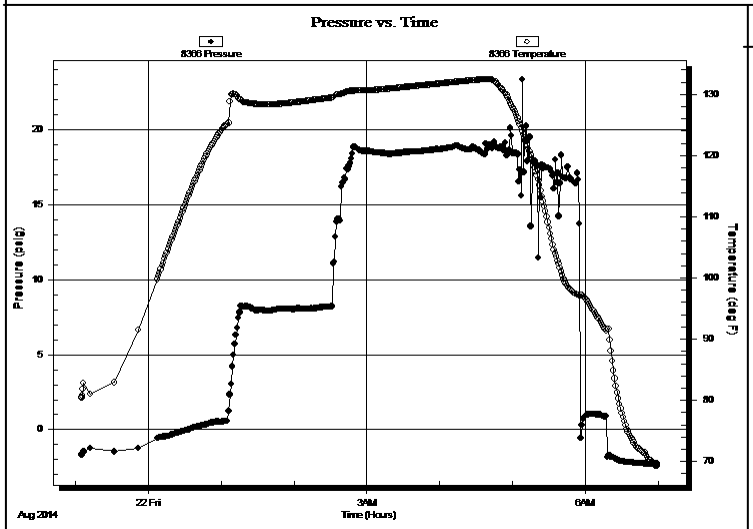
Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8366 **Fluid**

Press@RunDepth: psig @ 4161.00 ft (KB)
Start Date: 2014.08.21 End Date: 2014.08.22
Start Time: 23:05:05 End Time: 06:59:29

Capacity: 8000.00 psig
Last Calib.: 2014.08.22
Time On Btm:
Time Off Btm:

TEST COMMENT: 10 - IF: 2 1/4" surge blow at open, built to 3"
75 - ISI: No blow back
20 - FF: No blow
90 - FSI: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 88%m, 9%o, 3%g	0.30
30.00	OCM 73%m, 27%o	0.15

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60060 **DST#: 4**

Test Start: 2014.08.21 @ 23:05:00

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:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	600.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCM 88%m, 9%o, 3%g	0.295
30.00	OCM 73%m, 27%o	0.148

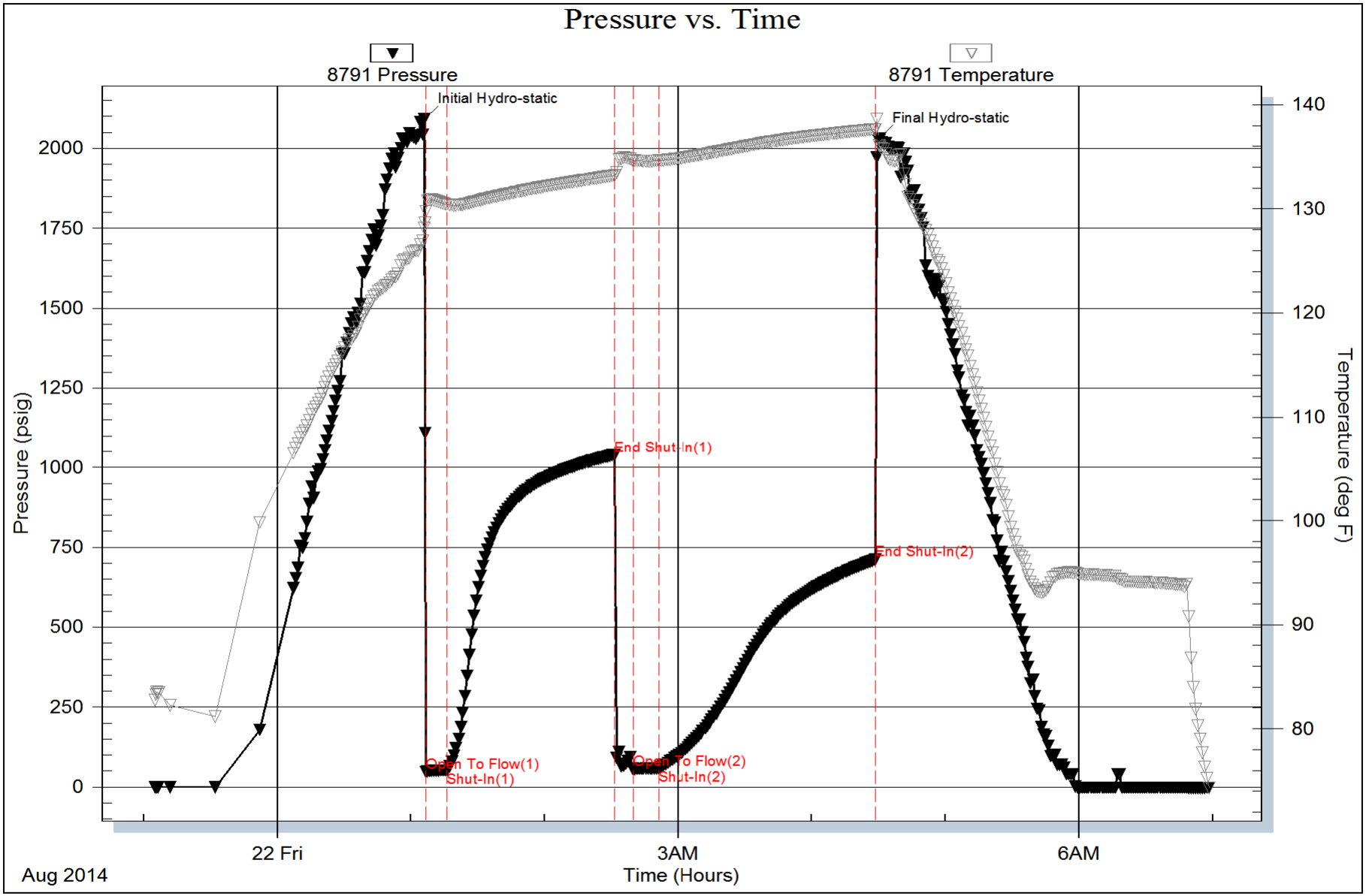
Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

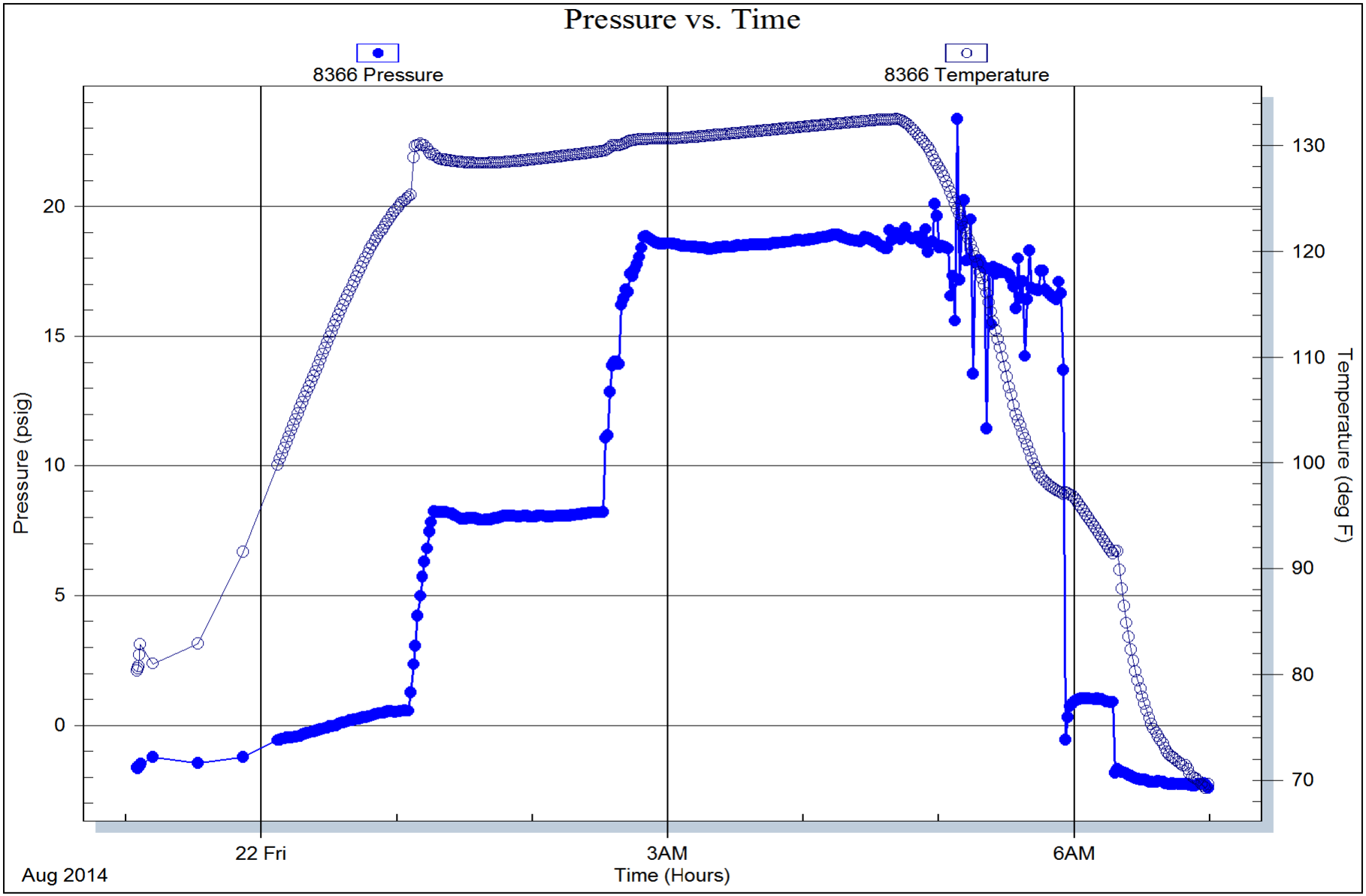
Recovery Comments: Sampler = 135 psi, 2300 mL GMCO 47%o, 28%m, 25%g

Serial #: 8791 **Inside** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 60060 Printed: 2014.08.22 @ 07:48:06

Serial #: 8366 **Fluid** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 60060 Printed: 2014.08.22 @ 07:48:07

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60061 **DST#: 5**

Test Start: 2014.08.22 @ 22:20:00

GENERAL INFORMATION:

Formation: **LKC "G"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:44:30
Time Test Ended: 12:38:45

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

Interval: 4338.00 ft (KB) To 4387.00 ft (KB) (TVD)
Total Depth: 4387.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

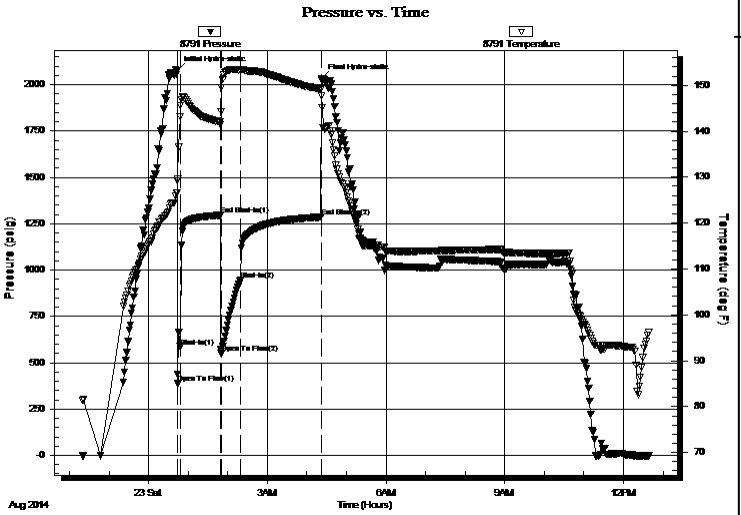
Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8791 **Inside**

Press@RunDepth: 946.93 psig @ 4339.00 ft (KB)
Start Date: 2014.08.22 End Date: 2014.08.23
Start Time: 22:20:05 End Time: 12:38:45

Capacity: 8000.00 psig
Last Calib.: 2014.08.23
Time On Btm: 2014.08.23 @ 00:43:30
Time Off Btm: 2014.08.23 @ 04:22:30

TEST COMMENT: 5 - IF: BOB (11") blow at open, bled back for 4 min. to 2", blow built to BOB at 5 min.
60 - ISI: Blow back built to 9"
30 - FF: Blow built to BOB in 1 min.
120 - FSI: Blow back built to BOB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2075.02	126.64	Initial Hydro-static
1	387.41	129.61	Open To Flow (1)
6	586.98	145.65	Shut-In(1)
65	1295.85	142.02	End Shut-In(1)
67	549.63	144.33	Open To Flow (2)
96	946.93	153.33	Shut-In(2)
219	1286.38	149.16	End Shut-In(2)
219	2034.64	147.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	MWCO 50%o, 25%w , 15%m, 10%g	0.07
47.00	SMCO 95%o, 5%m	0.23
62.00	MO 52%o, 43%m, 5%g	0.30
2026.00	REV OUT smpl every 5 min.	27.85
0.00	5min - 25min SMCGO 79%o, 16%g, 5%m	0.00
0.00	30 min. OMCW 48%w , 25%m, 22%o, 5%	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60061 **DST#: 5**

Test Start: 2014.08.22 @ 22:20:00

GENERAL INFORMATION:

Formation: **LKC "G"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:44:30
Time Test Ended: 12:38:45

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

Interval: 4338.00 ft (KB) To 4387.00 ft (KB) (TVD)
Total Depth: 4387.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

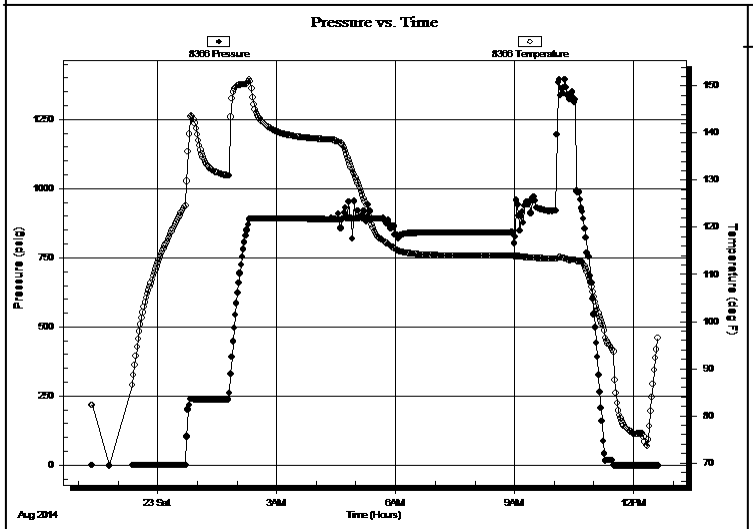
Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8366 **Fluid**

Press@RunDepth: psig @ 4249.00 ft (KB)
Start Date: 2014.08.22 End Date: 2014.08.23
Start Time: 22:20:05 End Time: 12:37:30

Capacity: 8000.00 psig
Last Calib.: 2014.08.23
Time On Btm:
Time Off Btm:

TEST COMMENT: 5 - IF: BOB (11") blow at open, bled back for 4 min. to 2", blow built to BOB at 5 min.
60 - ISI: Blow back built to 9"
30 - FF: Blow built to BOB in 1 min.
120 - FSI: Blow back built to BOB



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	MWCO 50%o, 25%w , 15%m, 10%g	0.07
47.00	SMCO 95%o, 5%m	0.23
62.00	MO 52%o, 43%m, 5%g	0.30
2026.00	REV OUT smpl every 5 min.	27.85
0.00	5min - 25min SMCGO 79%o, 16%g, 5%m	0.00
0.00	30 min. OMCW 48%w , 25%m, 22%o, 5%	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60061 **DST#: 5**

Test Start: 2014.08.22 @ 22:20:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	28.8 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	50000 ppm
Viscosity:	69.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.17 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	700.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	MWCO 50%o, 25%w , 15%m, 10%g	0.074
47.00	SMCO 95%o, 5%m	0.231
62.00	MO 52%o, 43%m, 5%g	0.305
2026.00	REV OUT smpl every 5 min.	27.855
0.00	5min - 25min SMCGO 79%o, 16%g, 5%m	0.000
0.00	30 min. OMCW 48%w , 25%m, 22%o, 5%g	0.000
0.00	35 min. OMCW 71%w , 19%m, 10%o	0.000
236.00	CGO 79%o, 19%g, 2%m	3.310
0.00	GIP = 250'	0.000

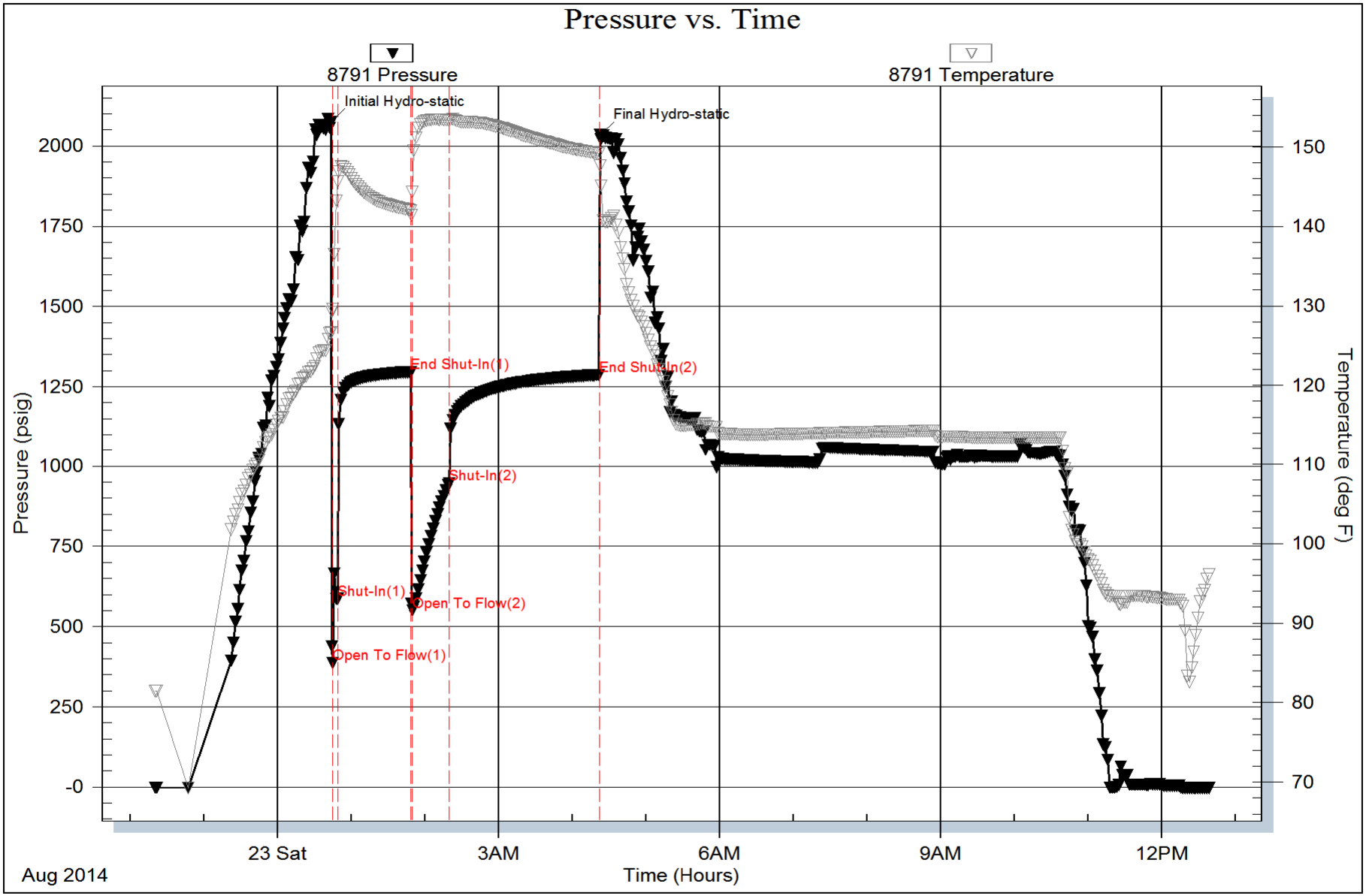
Total Length: 2386.00 ft Total Volume: 31.775 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

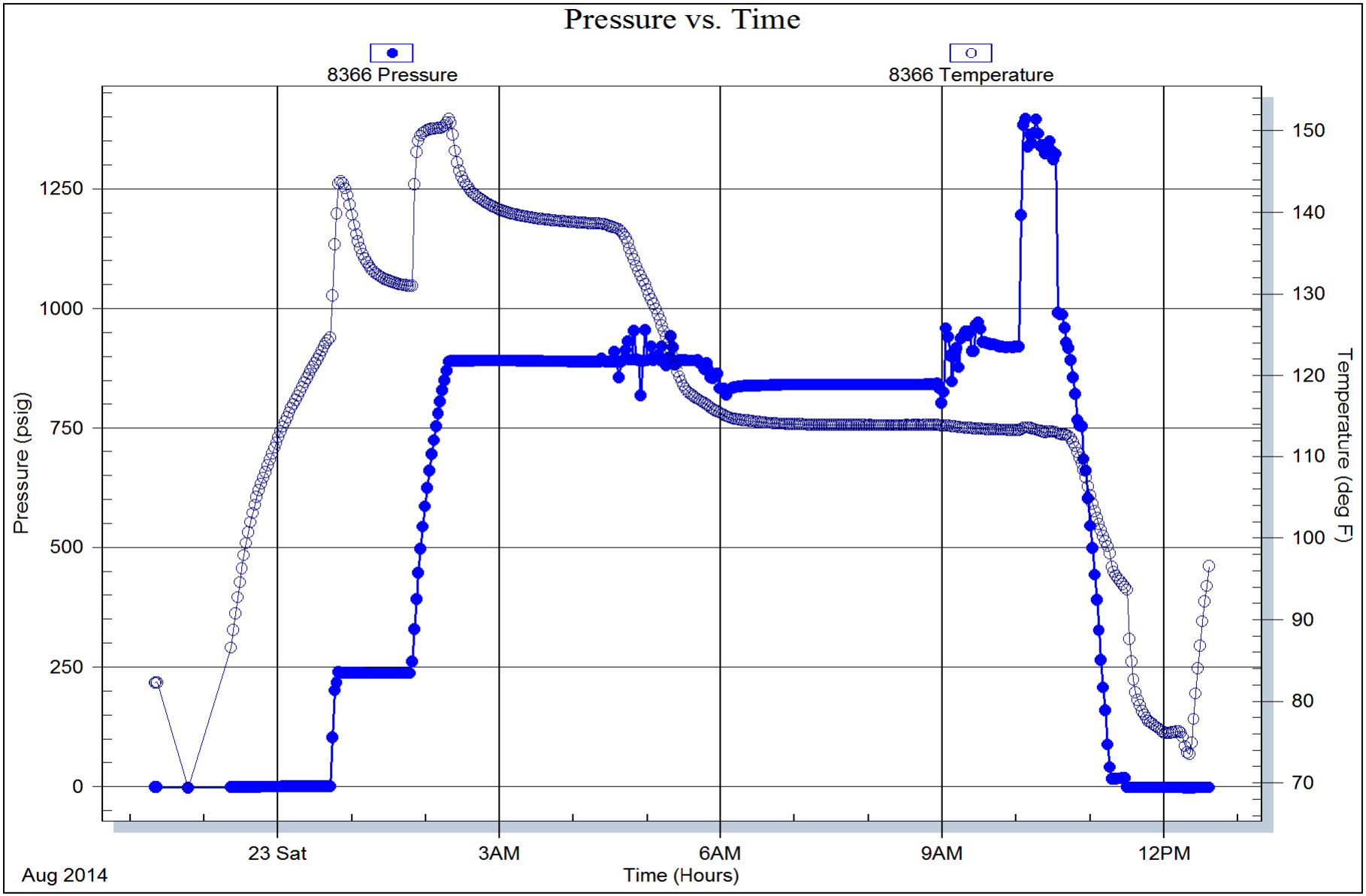
Recovery Comments: Gravity = 31 api @ 88 deg F Corrected Gravity = 28.8 api
Chlorides per mud eng. check 50,000 ppm
Sampler = 115 psi 1300 mL CO 96%o, 3%g, 1%m
may have been a small amount 100 mL or less that looked like it may have had w ater but I w as

Serial #: 8791 **Inside** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 5



Trilobite Testing, Inc Ref. No: 60061 Printed: 2014.08.23 @ 22:57:16

Serial #: 8366 **Fluid** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 5



Trilobite Testing, Inc Ref. No: 60061 Printed: 2014.08.23 @ 22:57:17

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60062 **DST#: 6**

Test Start: 2014.08.24 @ 01:30:00

GENERAL INFORMATION:

Formation: **LKC "H"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:40:00
Time Test Ended: 10:24:45

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

Interval: 4386.00 ft (KB) To 4438.00 ft (KB) (TVD)
Total Depth: 4438.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

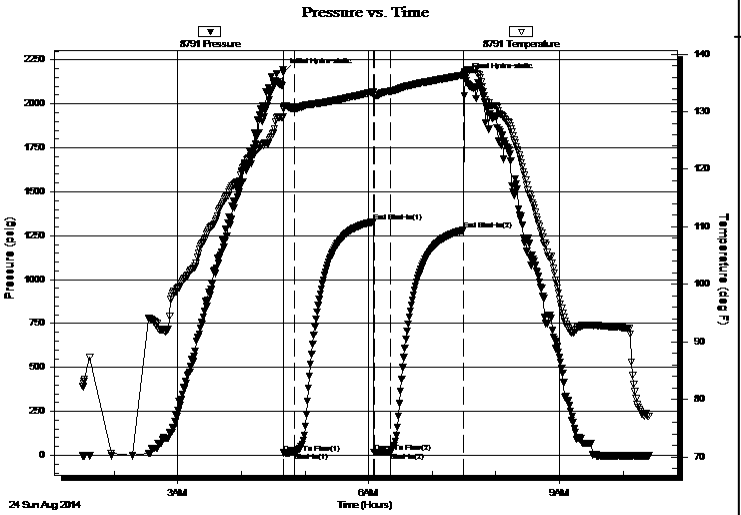
Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8791 **Inside**

Press@RunDepth: 19.39 psig @ 4387.00 ft (KB)
Start Date: 2014.08.24 End Date: 2014.08.24
Start Time: 01:30:05 End Time: 10:24:45

Capacity: 8000.00 psig
Last Calib.: 2014.08.24
Time On Btm: 2014.08.24 @ 04:39:45
Time Off Btm: 2014.08.24 @ 07:31:00

TEST COMMENT: 10 - IF: Blow built to about 1/2"
75 - ISI: No blow back
15 - FF: No blow
70 - FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2179.16	130.71	Initial Hydro-static
1	14.25	130.56	Open To Flow (1)
11	15.42	130.51	Shut-In(1)
85	1329.27	133.43	End Shut-In(1)
86	17.24	132.88	Open To Flow (2)
101	19.39	133.51	Shut-In(2)
170	1282.11	136.35	End Shut-In(2)
172	2148.00	136.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/oil spots 98%m, 2%o	0.02

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60062 **DST#: 6**

Test Start: 2014.08.24 @ 01:30:00

GENERAL INFORMATION:

Formation: **LKC "H"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:40:00
Time Test Ended: 10:24:45

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

Interval: 4386.00 ft (KB) To 4438.00 ft (KB) (TVD)
Total Depth: 4438.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

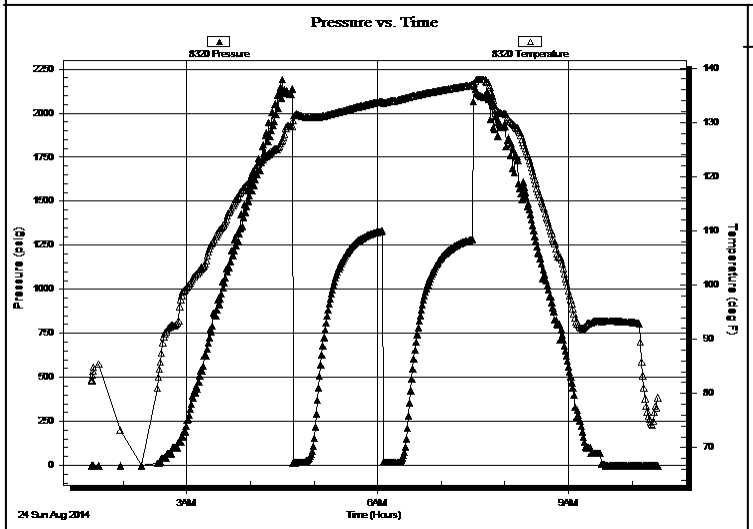
Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8320 **Outside**

Press@RunDepth: psig @ 4387.00 ft (KB)
Start Date: 2014.08.24 End Date: 2014.08.24
Start Time: 01:30:05 End Time: 10:24:15

Capacity: 8000.00 psig
Last Calib.: 2014.08.24
Time On Btm:
Time Off Btm:

TEST COMMENT: 10 - IF: Blow built to about 1/2"
75 - ISI: No blow back
15 - FF: No blow
70 - FSI: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/oil spots 98%m, 2%o	0.02

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60062 **DST#: 6**

Test Start: 2014.08.24 @ 01:30:00

GENERAL INFORMATION:

Formation: **LKC "H"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:40:00
Time Test Ended: 10:24:45

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

Interval: 4386.00 ft (KB) To 4438.00 ft (KB) (TVD)
Total Depth: 4438.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

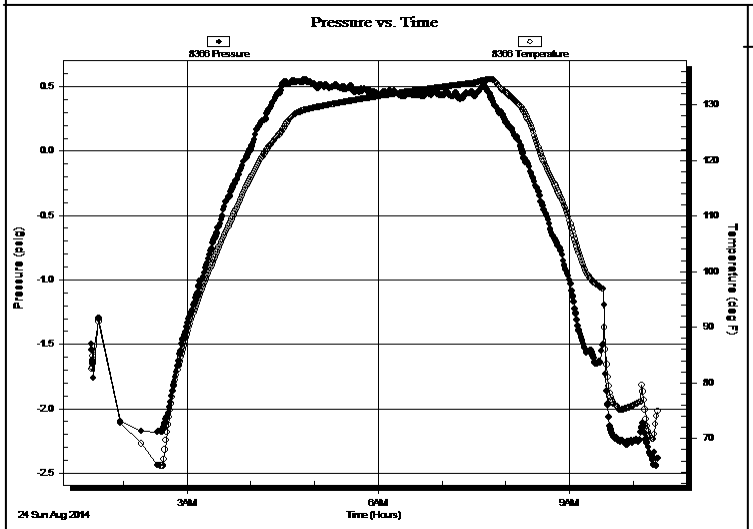
Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8366 **Fluid**

Press@RunDepth: psig @ 4297.00 ft (KB)
Start Date: 2014.08.24 End Date: 2014.08.24
Start Time: 01:30:05 End Time: 10:23:15

Capacity: 8000.00 psig
Last Calib.: 2014.08.24
Time On Btm:
Time Off Btm:

TEST COMMENT: 10 - IF: Blow built to about 1/2"
75 - ISI: No blow back
15 - FF: No blow
70 - FSI: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/oil spots 98%m, 2%o	0.02

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60062 **DST#: 6**

Test Start: 2014.08.24 @ 01:30:00

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:	64.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	4.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1000.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w/oil spots 98%m, 2%o	0.025

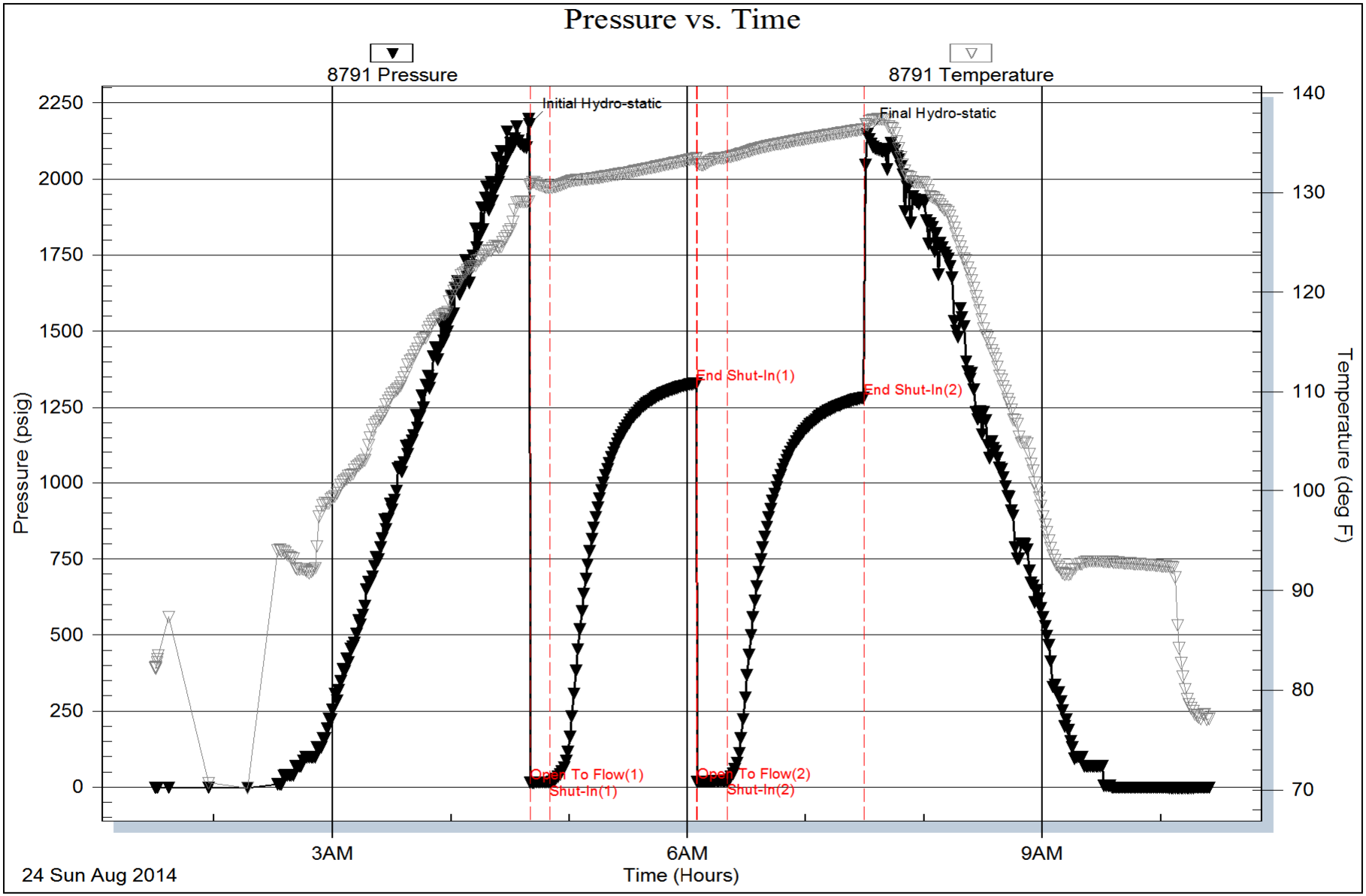
Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

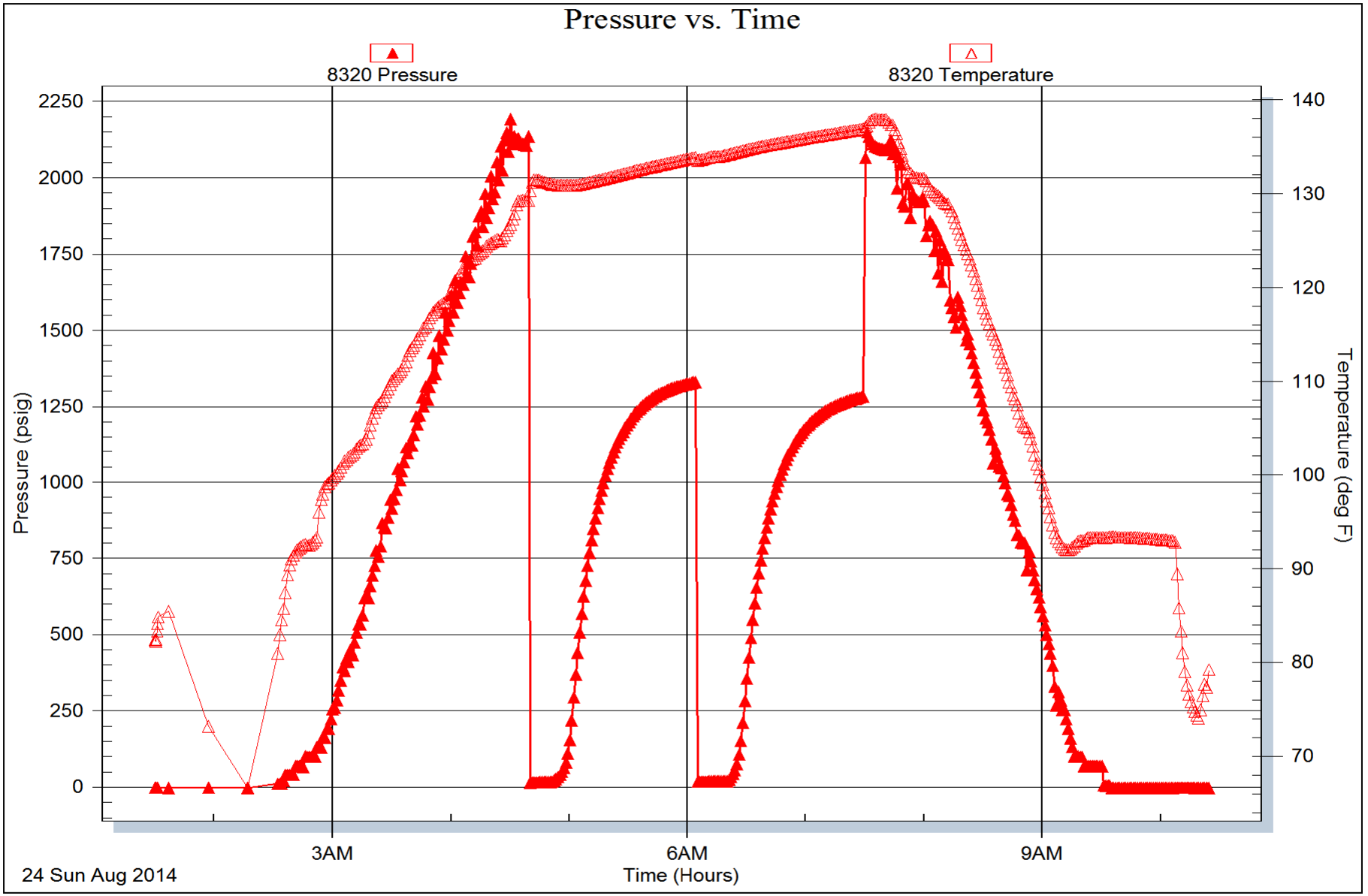
Recovery Comments: Sampler = 140 psi, 2000 mL Mud100% with trace of oil

Serial #: 8791 **Inside** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 6



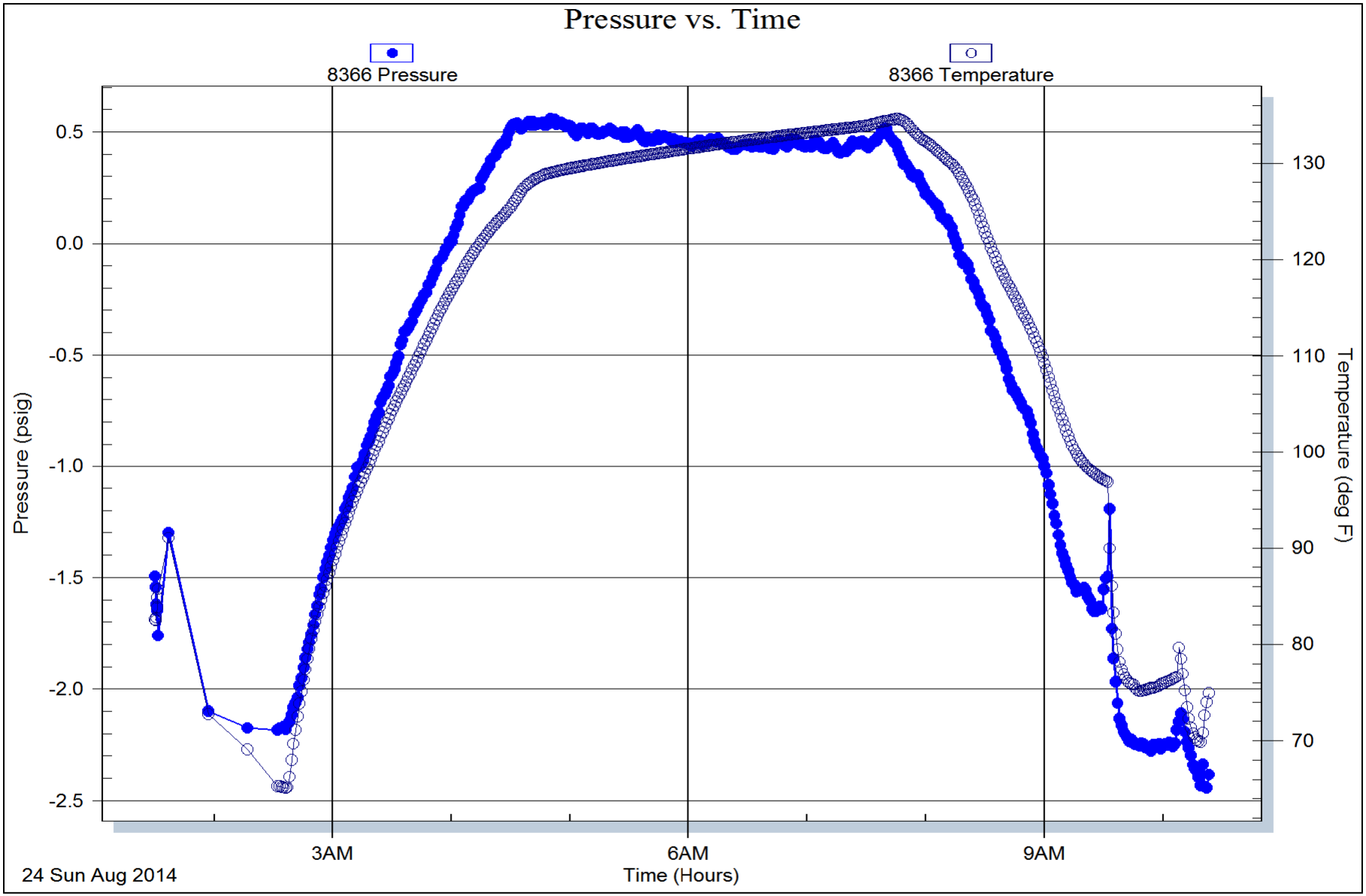
Trilobite Testing, Inc Ref. No: 60062 Printed: 2014.08.24 @ 22:54:36

Serial #: 8320 **Outside** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 6



Trilobite Testing, Inc Ref. No: 60062 Printed: 2014.08.24 @ 22:54:36

Serial #: 8366 **Fluid** Samuel Gary Jr & Associates, Inc. Krueger Trust #1-6 DST Test Number: 6



Trilobite Testing, Inc Ref. No: 60062 Printed: 2014.08.24 @ 22:54:36

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

Well Name:	SGA KRUEGER TRUST 1-6		
Well Id:			
Location:	SEC. 6 2S 36W RAWLINS COUNTY, KANSAS		
License Number:	15-153-21047-0000	Region:	WILDCAT
Spud Date:	AUGUST 16, 2014	Drilling Completed:	AUGUST 26, 2014
Surface Coordinates:	2310 FNL/ 330 FEL		
Bottom Hole Coordinates:			
Ground Elevation (ft):	3316'	K.B. Elevation (ft):	3321'
Logged Interval (ft):	3900' To: 5045'	Total Depth (ft):	5045'
Formation:	Lansing, Kansas City		
Type of Drilling Fluid:	Natural Chemical		

OPERATOR

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

GEOLOGIST

Name: Schuyler Hedrick
Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla . 73945
Off. 888-543-8378 Cell: 580-754-0231

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60057 **DST#: 1**

Test Start: 2014.08.19 @ 06:55:00

GENERAL INFORMATION:

Formation: **Stottler**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:30:15
Time Test Ended: 16:08:00

Test Type: Conventional Bottom Hole (Initial)
Tester: James Winder
Unit No: 57

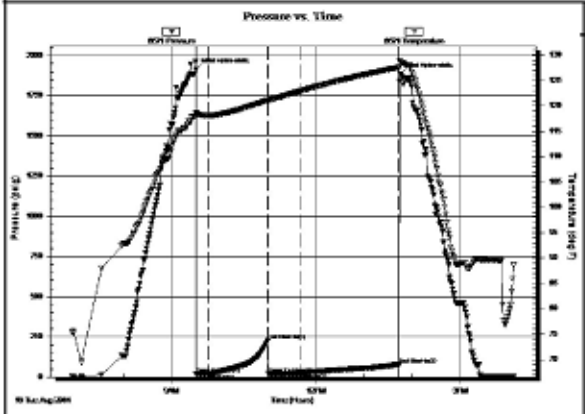
Interval: 3986.00 ft (KB) To 4024.00 ft (KB) (TVD)
Total Depth: 4024.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8671 **Inside**
Press@RunDepth: 21.02 psig @ 3987.00 ft (KB)
Start Date: 2014.08.19 End Date: 2014.08.19
Start Time: 06:55:05 End Time: 16:08:00

Capacity: 8000.00 psig
Last Calib.: 2014.08.19
Time On Btm: 2014.08.19 @ 09:30:00
Time Off Btm: 2014.08.19 @ 13:45:30

TEST COMMENT: 15 - IF: Blow built to 1/4"
75 - ISI: No blow back
40 - FF: Weak surface blow from 10 min. to 22 min., then dead
120 - FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.20	118.64	Initial Hydro-static
1	17.51	117.88	Open To Flow (1)
15	18.86	118.06	Shut-In(1)
90	224.96	121.08	End Shut-In(1)
91	20.39	121.00	Open To Flow (2)
131	21.02	122.85	Shut-In(2)
254	78.11	127.51	End Shut-In(2)
256	1884.90	128.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.01

Gas Rates

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

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 6005i8 **DST#: 2**

Test Start: 2014.08.20 @ 09:05:00

GENERAL INFORMATION:

Formation: **Oread**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:41:00
Time Test Ended: 18:21:15

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

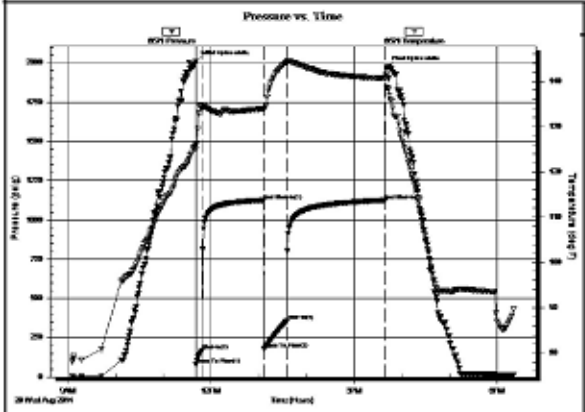
Interval: 4122.00 ft (KB) To 4192.00 ft (KB) (TVD)
Total Depth: 4192.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8671 **Inside**
Press@RunDepth: 358.02 psig @ 4123.00 ft (KB)
Start Date: 2014.08.20 End Date: 2014.08.20
Start Time: 09:05:05 End Time: 18:21:15

Capacity: 8000.00 psig
Last Calib.: 2014.08.20
Time On Btm: 2014.08.20 @ 11:40:30
Time Off Btm: 2014.08.20 @ 15:41:00

TEST COMMENT: 10 - IF: 3" Blow at open, built to BOB (11") at 7 min.
75 - ISI: No blow back
30 - FF: Blow built to BOB at 7 3/4 min.
120 - FSI: Weak surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.48	125.84	Initial Hydro-static
1	76.92	126.05	Open To Flow (1)
9	167.58	134.15	Shut-In(1)
86	1124.70	133.92	End Shut-In(1)
86	179.24	133.70	Open To Flow (2)
115	358.02	144.21	Shut-In(2)
239	1125.03	140.68	End Shut-In(2)
241	1969.79	138.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	MCW w/oil spots 91%w , 8%m, 1%o	1.81
435.00	SOC/WM 54%m, 40%w , 3%o, 3%g	6.10
5.00	OWM 37%m, 35%w , 28%o	0.07

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60059 **DST#: 3**

Test Start: 2014.08.21 @ 04:10:00

GENERAL INFORMATION:

Formation: **Douglas Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:03:15
Time Test Ended: 14:49:30

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

Interval: 4190.00 ft (KB) To 4242.00 ft (KB) (TVD)
Total Depth: 4242.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

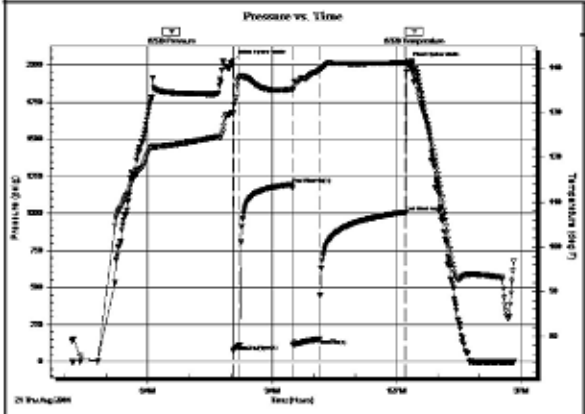
Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8320 **Outside**

Press@RunDepth: 152.58 psig @ 4191.00 ft (KB)
Start Date: 2014.08.21 End Date: 2014.08.21
Start Time: 04:10:05 End Time: 14:49:30

Capacity: 8000.00 psig
Last Calib.: 2014.08.21
Time On Btm: 2014.08.21 @ 08:02:45
Time Off Btm: 2014.08.21 @ 12:15:15

TEST COMMENT: 10 - IF: 3 1/4" surge blow at open, built to 6 1/2"
75 - ISI: No blow back
40 - FF: Blow built to 7 1/2"
120 - FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.33	129.98	Initial Hydro-static
1	70.97	129.75	Open To Flow (1)
11	110.10	137.92	Shut-In(1)
87	1194.33	135.21	End Shut-In(1)
87	112.62	134.94	Open To Flow (2)
127	152.58	139.50	Shut-In(2)
249	1005.69	141.10	End Shut-In(2)
253	2012.93	141.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MCW w /trace oil 68%w , 32%m	0.61
62.00	WCM 85%m, 15%w	0.30
114.00	Mud 100%	1.60

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60060 **DST#: 4**

Test Start: 2014.08.21 @ 23:05:00

GENERAL INFORMATION:

Formation: **LKC "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:06:30
Time Test Ended: 06:59:00

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

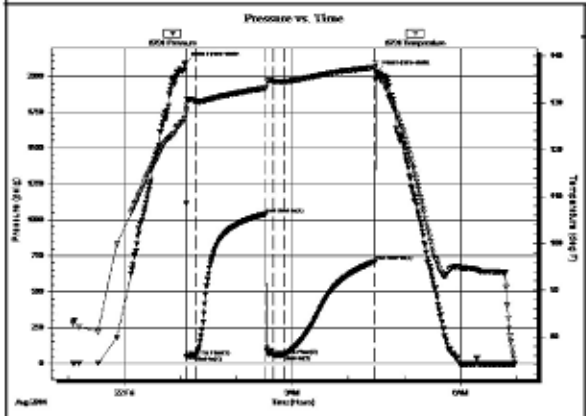
Interval: 4250.00 ft (KB) To 4272.00 ft (KB) (TVD)
Total Depth: 4272.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8791 **Inside**
Press@RunDepth: 58.62 psig @ 4251.00 ft (KB)
Start Date: 2014.08.21 End Date: 2014.08.22
Start Time: 23:05:05 End Time: 06:58:59

Capacity: 8000.00 psig
Last Calib.: 2014.08.22
Time On Btm: 2014.08.22 @ 01:06:00
Time Off Btm: 2014.08.22 @ 04:30:30

TEST COMMENT: 10 - IF: 2 1/4" surge blow at open, built to 3"
75 - ISI: No blow back
20 - FF: No blow
90 - FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2090.58	128.14	Initial Hydro-static
1	47.54	129.76	Open To Flow (1)
10	51.79	130.42	Shut-In(1)
86	1039.21	133.19	End Shut-In(1)
94	56.05	134.63	Open To Flow (2)
105	58.62	134.63	Shut-In(2)
203	711.52	137.63	End Shut-In(2)
205	2029.85	135.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 88%m, 9%o, 3%g	0.30
30.00	OCM 73%m, 27%o	0.15

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Samuel Gary Jr & Associates, Inc.

1515 Wynkoop STE 700
Denver, CO 80202

ATTN: Clayton Camozzi

6/2s/36w Rawlins KS

Krueger Trust #1-6

Job Ticket: 60061 **DST#: 5**

Test Start: 2014.08.22 @ 22:20:00

GENERAL INFORMATION:

Formation: **LKC "G"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:44:30
Time Test Ended: 12:38:45

Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57

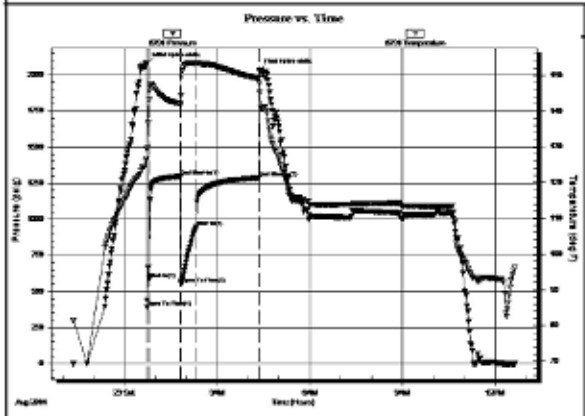
Interval: 4338.00 ft (KB) To 4387.00 ft (KB) (TVD)
Total Depth: 4387.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3321.00 ft (KB)
3316.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8791 **Inside**
Press@RunDepth: 946.93 psig @ 4339.00 ft (KB)
Start Date: 2014.08.22 End Date: 2014.08.23
Start Time: 22:20:05 End Time: 12:38:45

Capacity: 8000.00 psig
Last Calib.: 2014.08.23
Time On Btm: 2014.08.23 @ 00:43:30
Time Off Btm: 2014.08.23 @ 04:22:30

TEST COMMENT: 5 - IF: BOB (11") blow at open, bled back for 4 min. to 2", blow built to BOB at 5 min.
60 - ISI: Blow back built to 9"
30 - FF: Blow built to BOB in 1 min.
120 - FSI: Blow back built to BOB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2075.02	126.64	Initial Hydro-static
1	387.41	129.61	Open To Flow (1)
6	586.98	145.65	Shut-In(1)
65	1295.85	142.02	End Shut-In(1)
67	549.63	144.33	Open To Flow (2)
96	946.93	153.33	Shut-In(2)
219	1286.38	149.16	End Shut-In(2)
219	2034.64	147.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	MWCO 50%o, 25%w, 15%m, 10%g	0.07
47.00	SMCO 95%o, 5%m	0.23
62.00	MO 52%o, 43%m, 5%g	0.30
2026.00	REV OUT smpl every 5 min.	27.85
0.00	5min - 25min SMCGO 79%o, 16%g, 5%m	0.00
0.00	30 min. OMCW 48%w, 25%m, 22%o, 5%g	0.00

* Recovery from multiple tests

Gas Rates

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

ROCK TYPES

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

ACCESSORIES

MINERAL
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Slty

FOSSIL
- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

STRINGER
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

TEXTURE
- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY TYPE
- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING
- Well
- Moderate
- Poor

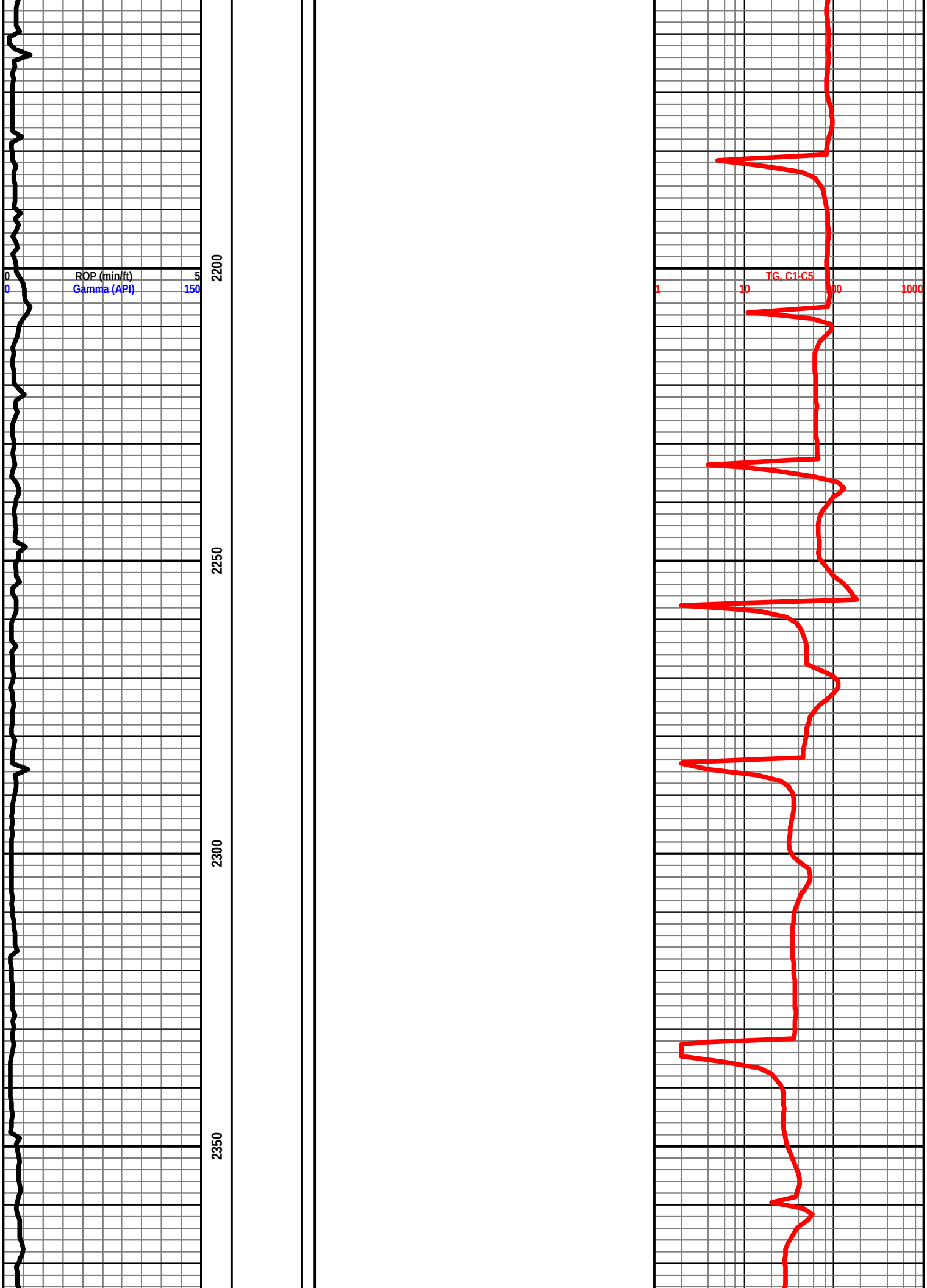
ROUNDING
- Rounded
- Subrnd
- Subang
- Angular

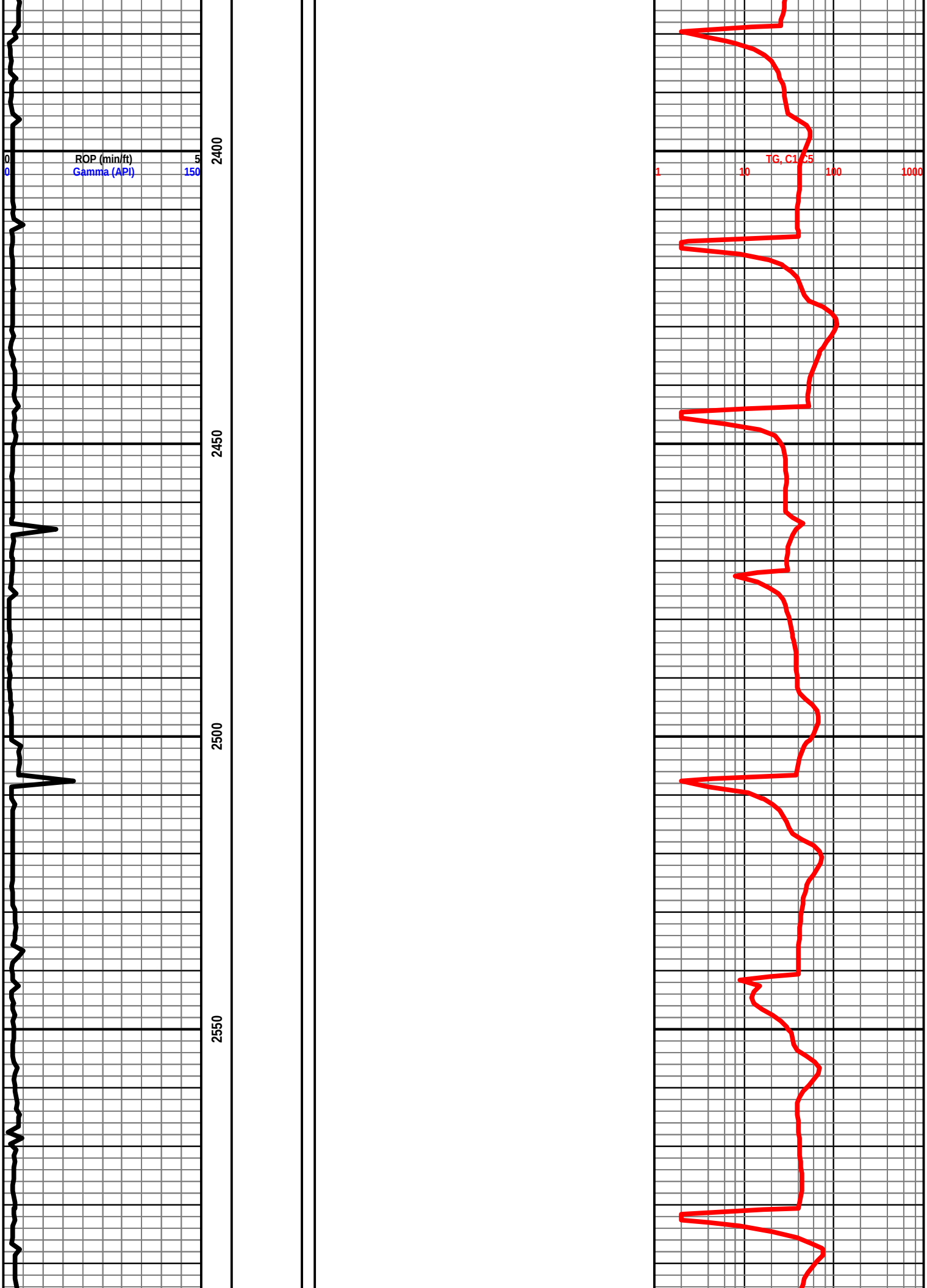
OIL SHOWS
- Even
- Spotted
- Ques
- Dead
- Gas show

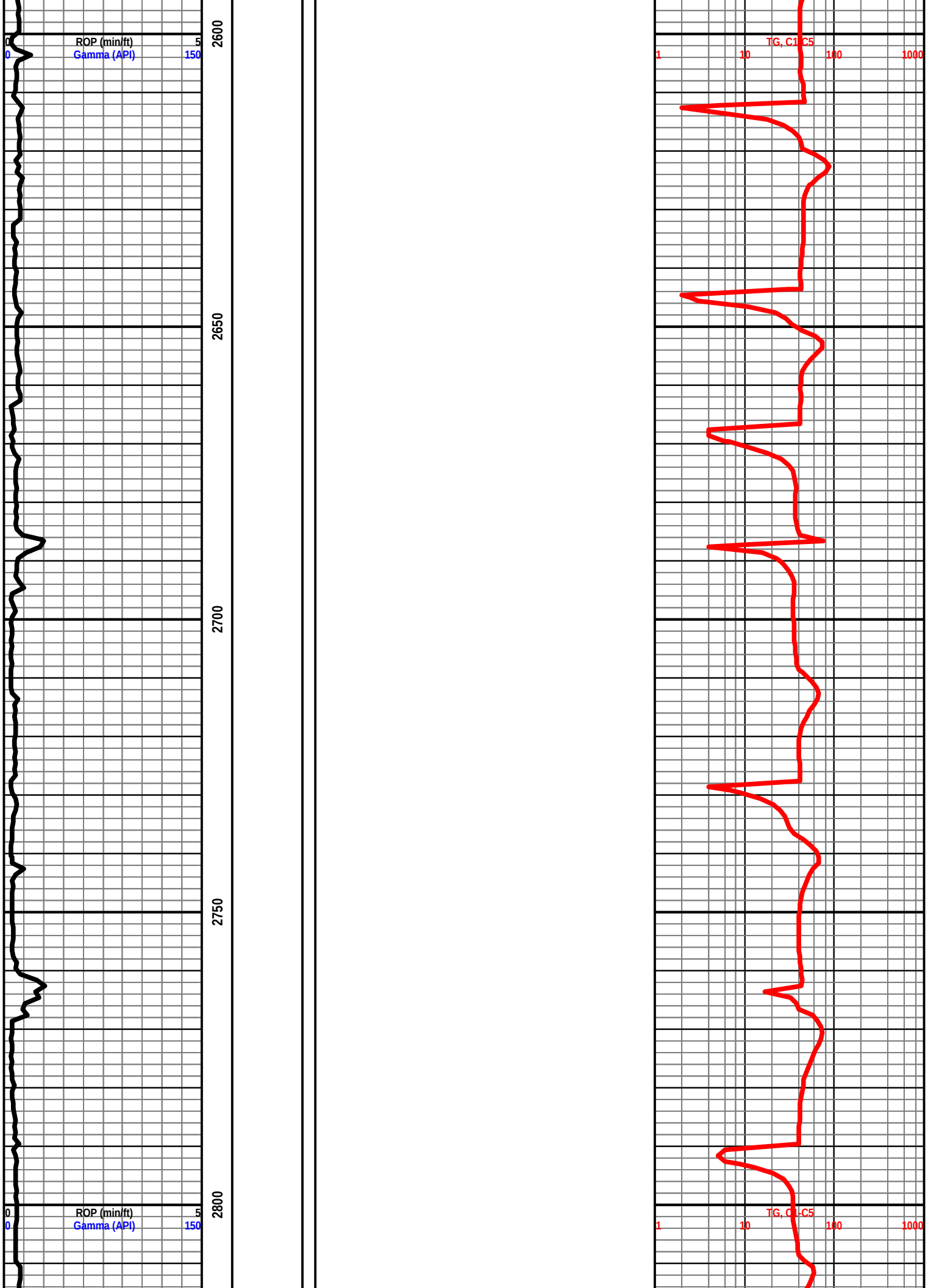
INTERVALS
- Core
- Dst
- Dst

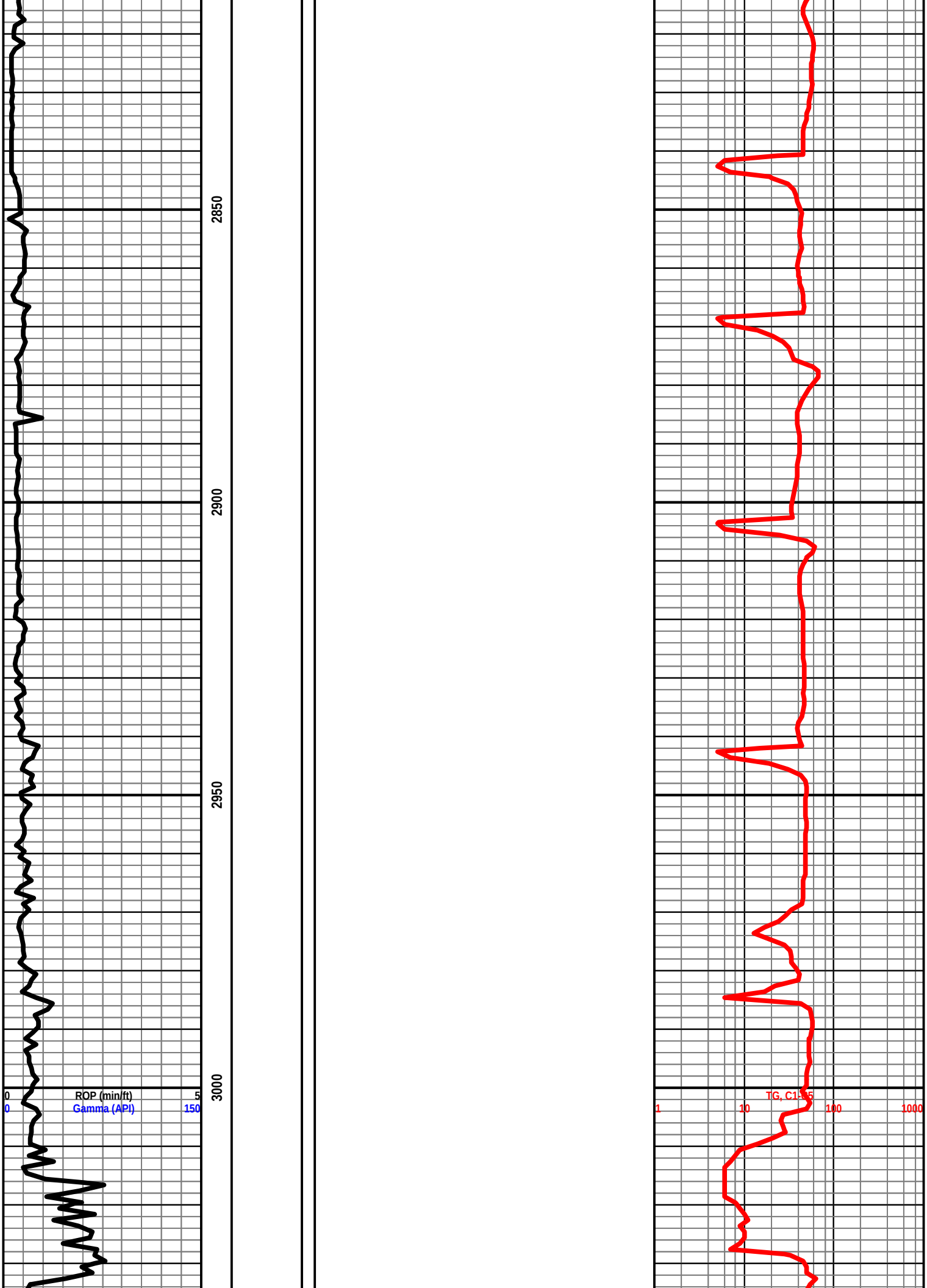
EVENTS
- Rft
- Sidewall

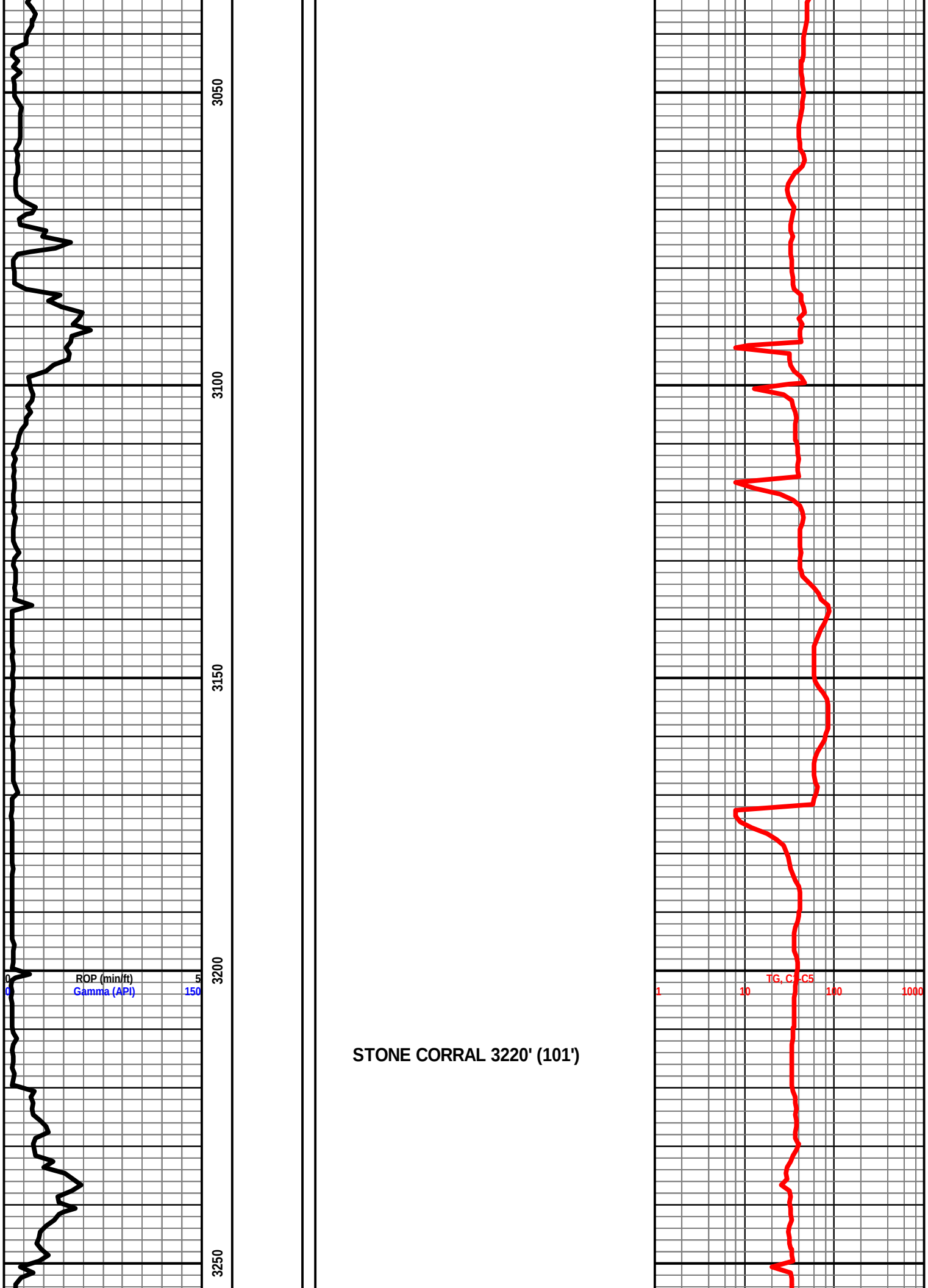
Curve Track 1 ROP (min/ft) Gamma (API)	Depth	Lithology	Oil Shows	Geological Descriptions	TG, C1-C5 TG (units) C1 (units) C2 (units) C3 (units) C4 (units) C5 (units)
0 ROP (min/ft) 5 0 Gamma (API) 150	21			RIGGED UP ON LOCATION AUG. 17, 2014 BIT #1 PDC H-C DP506 SIZE: 7 7/8 SERIAL #: 7150013 JETS: 3 15'S	1 TG, C1-C5 10 100 1000
	2150				

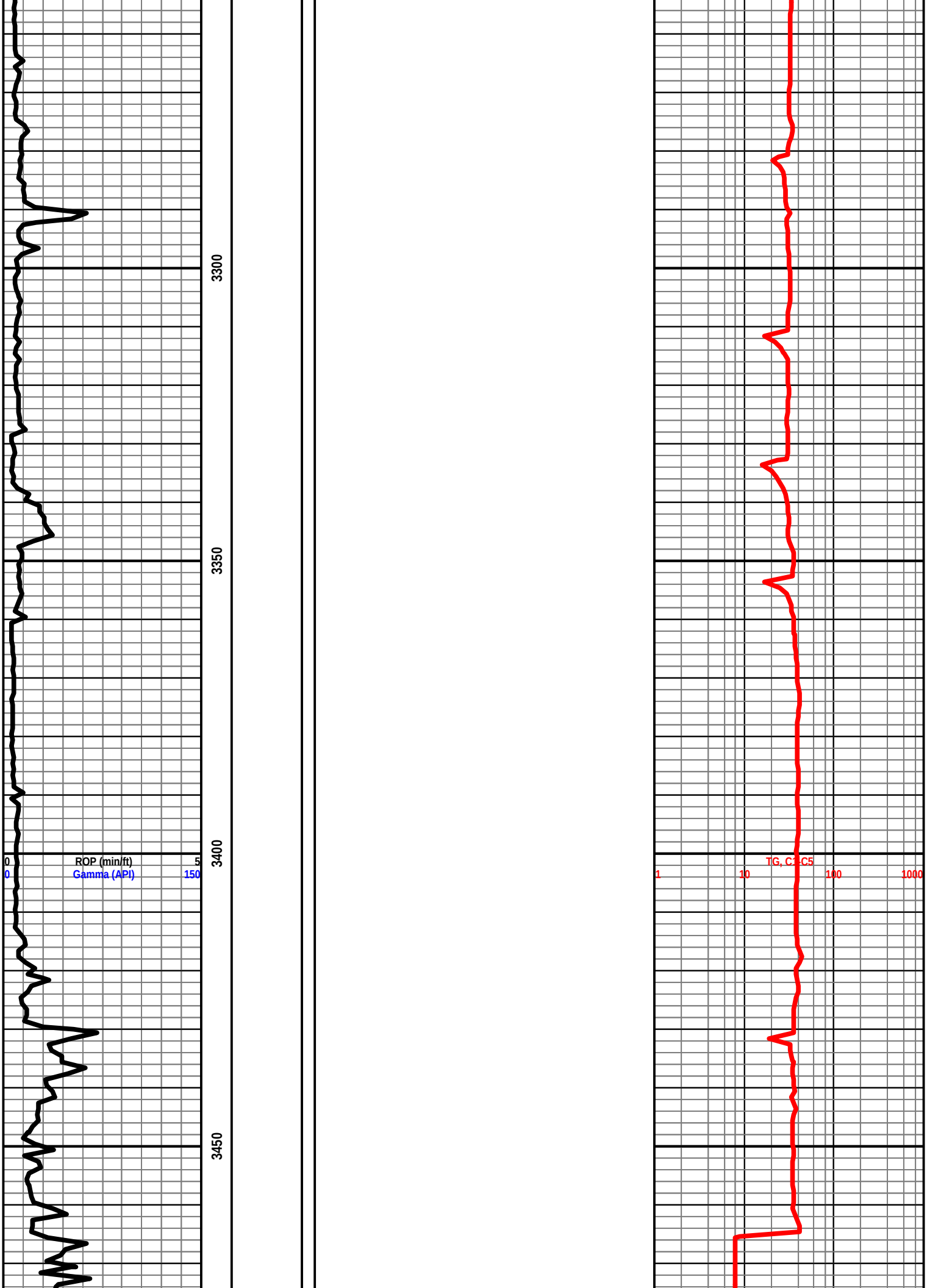

0
ROP (min/ft)
5
0
Gamma (API)
150
2200
2250
2300
2350
TG, C1-C5
1
10
100
1000

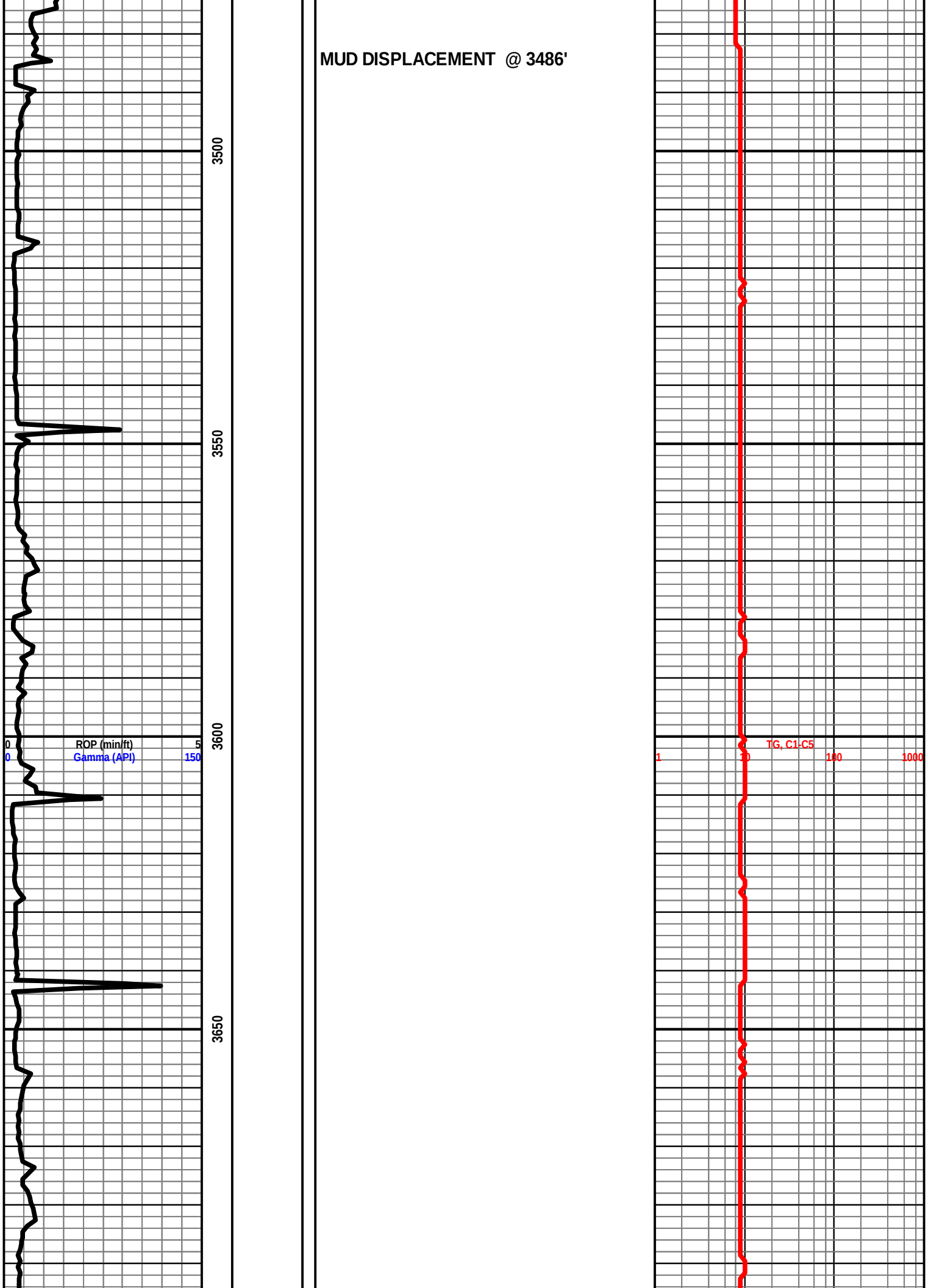

0
ROP (min/ft)
5
0
Gamma (API)
150
2400
2450
2500
2550
TG, C1-C5
1
10
100
1000

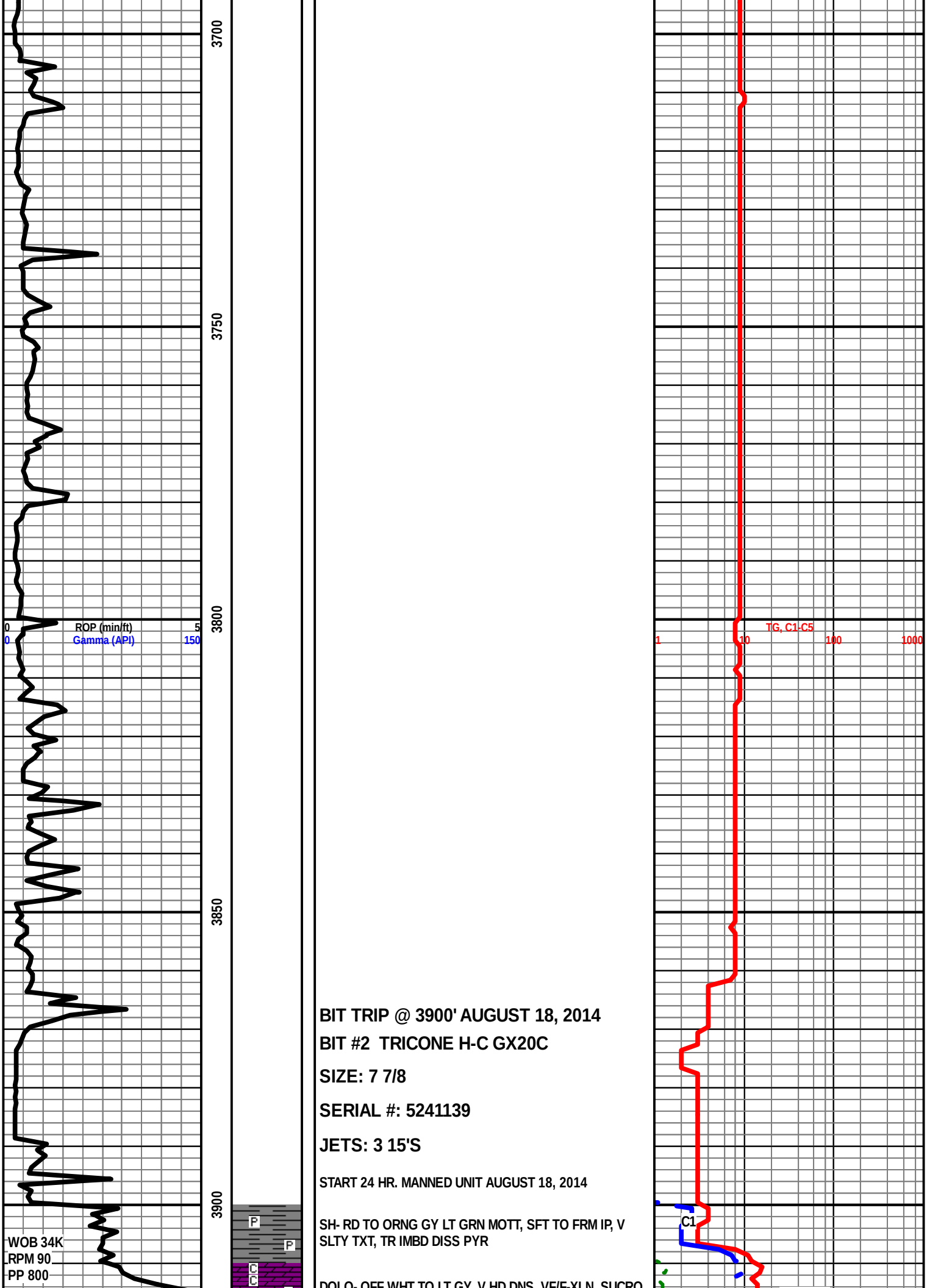

0
ROP (min/ft)
5
0
Gamma (API)
150
2600
2650
2700
2750
2800
TG, C1-C5
1
10
100
1000

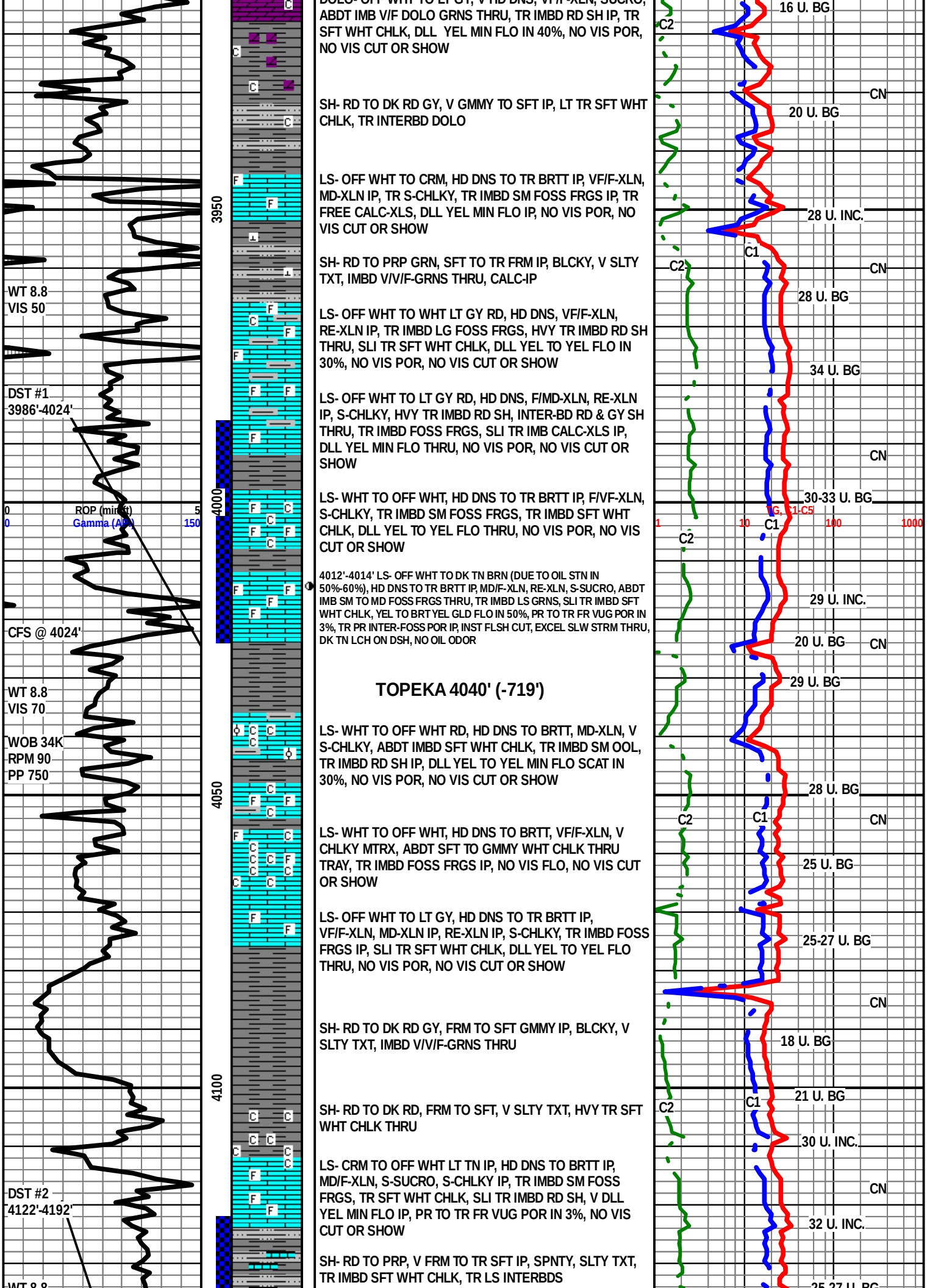

2850
2900
2950
3000
0
ROP (min/ft)
5
0
Gamma (API)
150
TG, C1-C5
1
10
100
1000

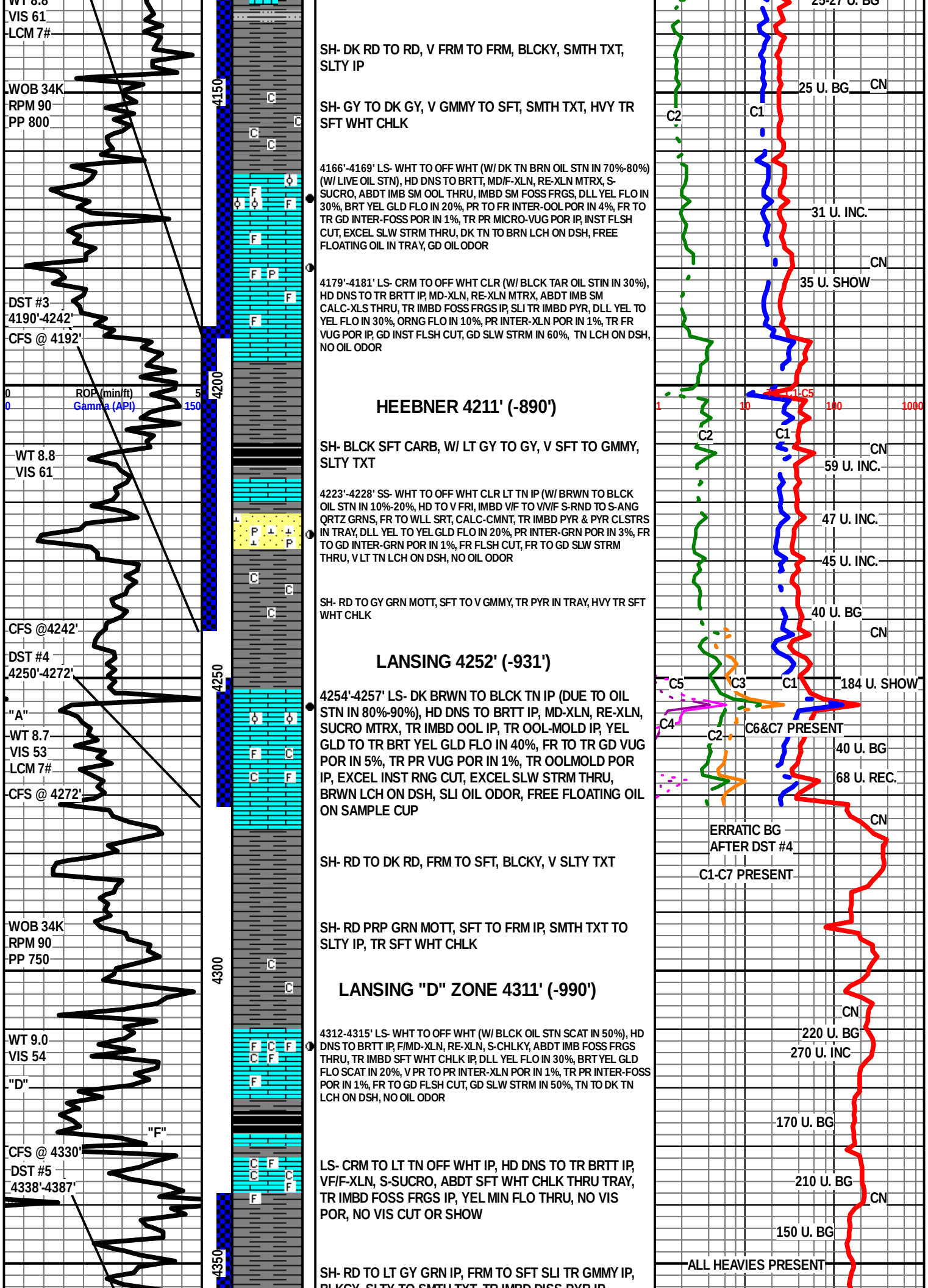

3050
3100
3150
3200
3250
0
ROP (min/ft)
5
0
Gamma (API)
150
TG, C1-C5
1
10
100
1000
STONE CORRAL 3220' (101')

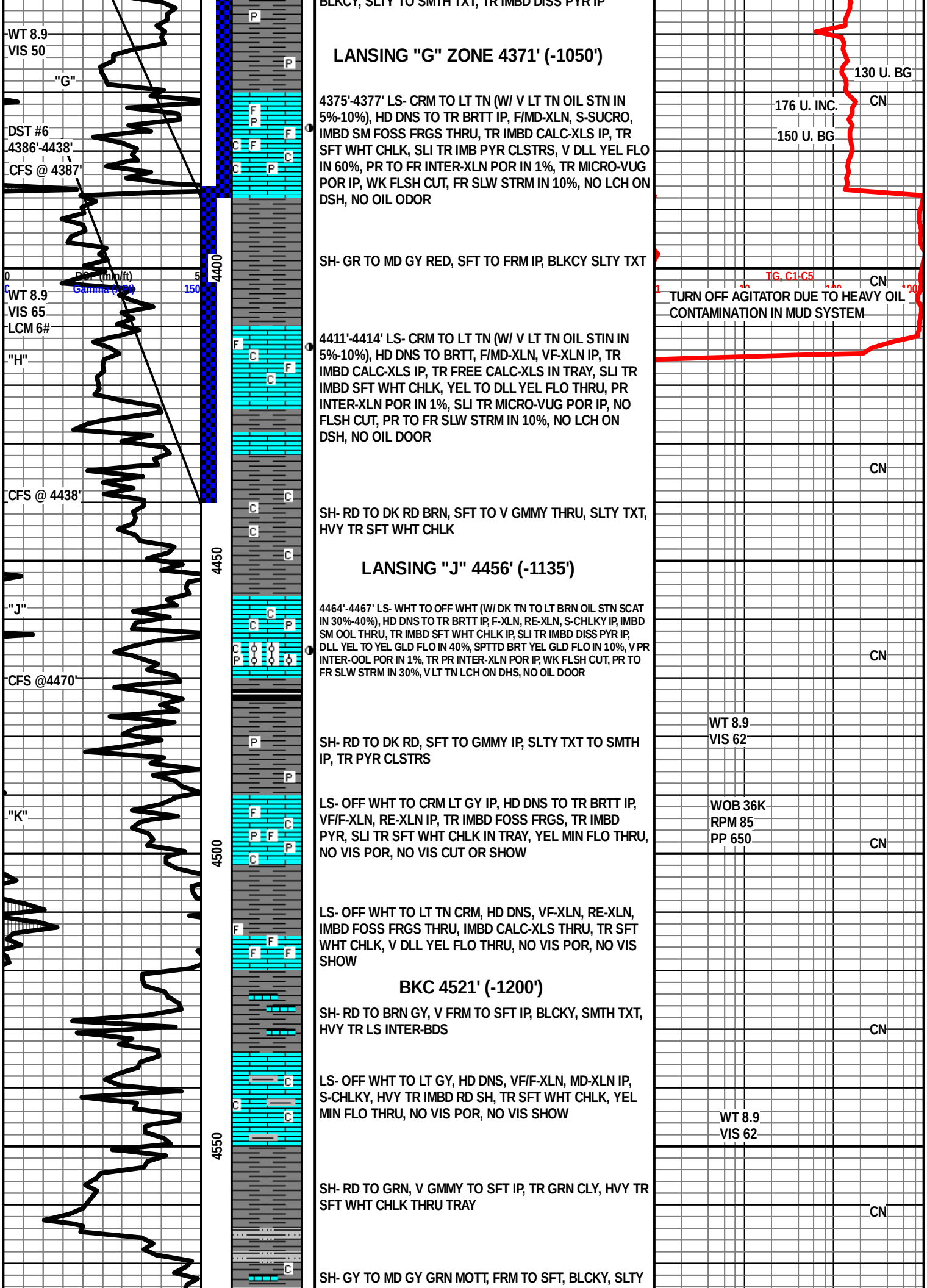

3300
3350
3400
3450
0
ROP (min/ft)
5
0
Gamma (API)
150
TG, C1-C5
1
10
100
1000

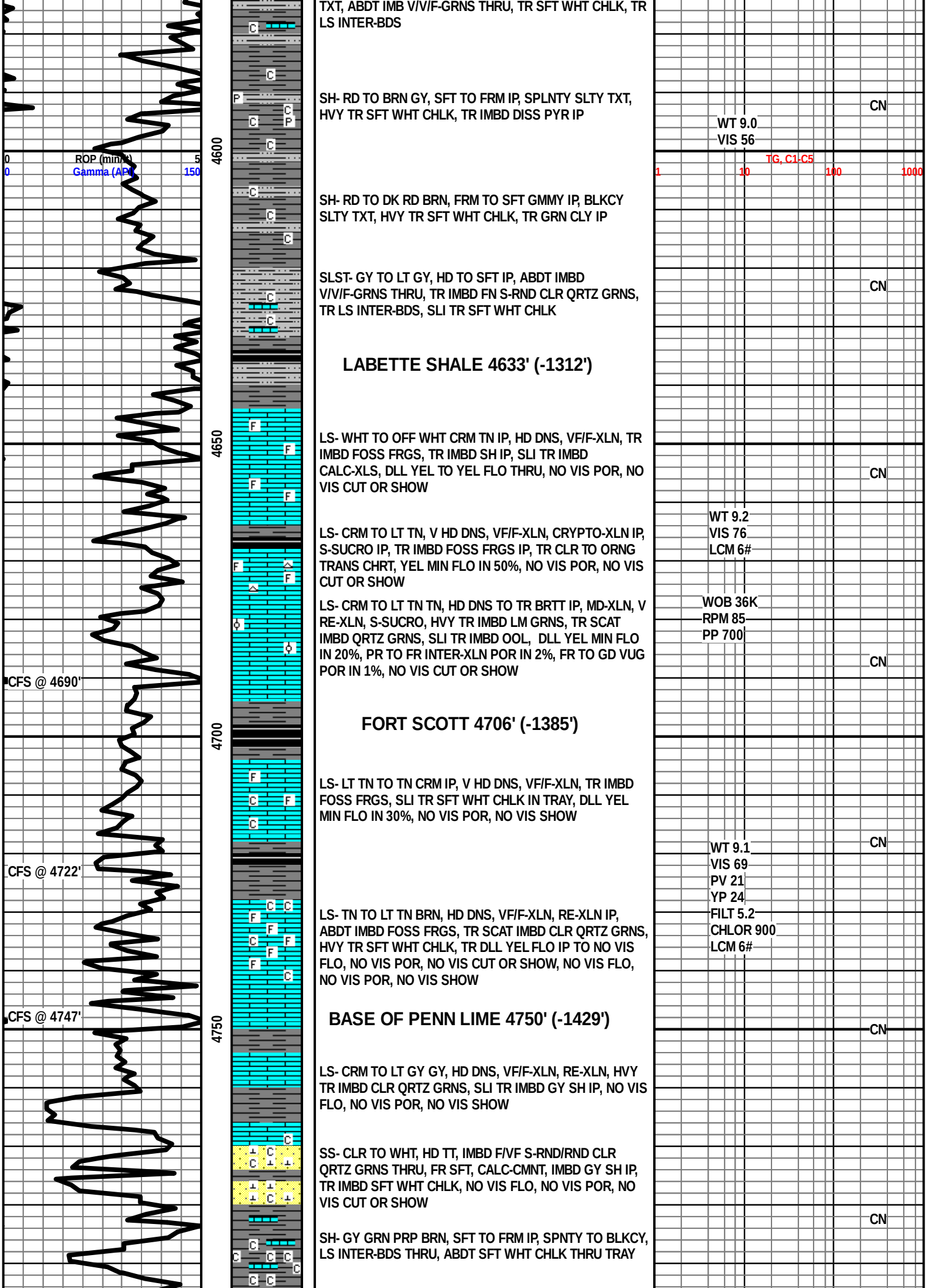

MUD DISPLACEMENT @ 3486'
3500
3550
3600
3650
0
ROP (min/ft)
5
0
Gamma (API)
150
TG, C1-C5
1
10
100
1000

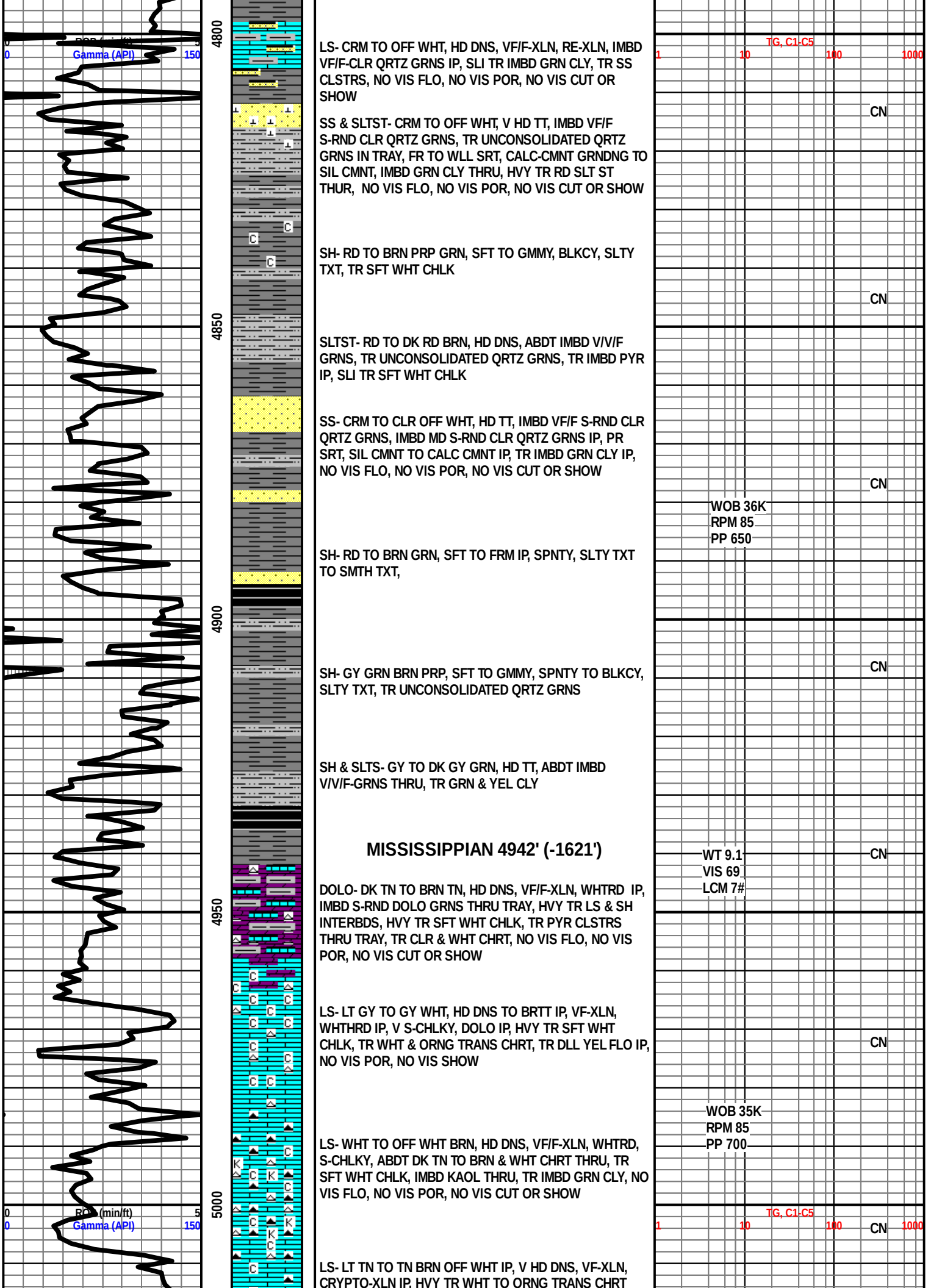

3700
3750
3800
3850
3900
0
ROP (min/ft)
5
0
Gamma (API)
150
TG, C1-C5
1
10
100
1000
BIT TRIP @ 3900' AUGUST 18, 2014
BIT #2 TRICONE H-C GX20C
SIZE: 7 7/8
SERIAL #: 5241139
JETS: 3 15'S
START 24 HR. MANNED UNIT AUGUST 18, 2014
SH- RD TO ORNG GY LT GRN MOTT, SFT TO FRM IP, V SLTY TXT, TR IMBD DISS PYR
C1
WOB 34K
RPM 90
PP 800
P
P
C
C


ABDT IMB V/F DOLO GRNS THRU, TR IMBD RD SH IP, TR SFT WHT CHLK, DLL YEL MIN FLO IN 40%, NO VIS POR, NO VIS CUT OR SHOW
SH- RD TO DK RD GY, V GMMY TO SFT IP, LT TR SFT WHT CHLK, TR INTERBD DOLO
LS- OFF WHT TO CRM, HD DNS TO TR BRTT IP, VF/F-XLN, MD-XLN IP, TR S-CHLKY, TR IMBD SM FOSS FRGS IP, TR FREE CALC-XLS, DLL YEL MIN FLO IP, NO VIS POR, NO VIS CUT OR SHOW
SH- RD TO PRP GRN, SFT TO TR FRM IP, BLCKY, V SLTY TXT, IMBD V/V/F-GRNS THRU, CALC-IP
LS- OFF WHT TO WHT LT GY RD, HD DNS, VF/F-XLN, RE-XLN IP, TR IMBD LG FOSS FRGS, HVY TR IMBD RD SH THRU, SLI TR SFT WHT CHLK, DLL YEL TO YEL FLO IN 30%, NO VIS POR, NO VIS CUT OR SHOW
LS- OFF WHT TO LT GY RD, HD DNS, F/MD-XLN, RE-XLN IP, S-CHLKY, HVY TR IMBD RD SH, INTER-BD RD & GY SH THRU, TR IMBD FOSS FRGS, SLI TR IMB CALC-XLS IP, DLL YEL MIN FLO THRU, NO VIS POR, NO VIS CUT OR SHOW
LS- WHT TO OFF WHT, HD DNS TO TR BRTT IP, F/VF-XLN, S-CHLKY, TR IMBD SM FOSS FRGS, TR IMBD SFT WHT CHLK, DLL YEL TO YEL FLO THRU, NO VIS POR, NO VIS CUT OR SHOW
4012'-4014' LS- OFF WHT TO DK TN BRN (DUE TO OIL STN IN 50%-60%), HD DNS TO TR BRTT IP, MD/F-XLN, RE-XLN, S-SUCRO, ABDT IMB SM TO MD FOSS FRGS THRU, TR IMBD LS GRNS, SLI TR IMBD SFT WHT CHLK, YEL TO BRT YEL GLD FLO IN 50%, PR TO TR FR VUG POR IN 3%, TR PR INTER-FOSS POR IP, INST FLSH CUT, EXCEL SLW STRM THRU, DK TN LCH ON DSH, NO OIL ODOR
TOPEKA 4040' (-719')
LS- WHT TO OFF WHT RD, HD DNS TO BRTT, MD-XLN, V S-CHLKY, ABDT IMBD SFT WHT CHLK, TR IMBD SM OOL, TR IMBD RD SH IP, DLL YEL TO YEL MIN FLO SCAT IN 30%, NO VIS POR, NO VIS CUT OR SHOW
LS- WHT TO OFF WHT, HD DNS TO BRTT, VF/F-XLN, V CHLKY MTRX, ABDT SFT TO GMMY WHT CHLK THRU TRAY, TR IMBD FOSS FRGS IP, NO VIS FLO, NO VIS CUT OR SHOW
LS- OFF WHT TO LT GY, HD DNS TO TR BRTT IP, VF/F-XLN, MD-XLN IP, RE-XLN IP, S-CHLKY, TR IMBD FOSS FRGS IP, SLI TR SFT WHT CHLK, DLL YEL TO YEL FLO THRU, NO VIS POR, NO VIS CUT OR SHOW
SH- RD TO DK RD GY, FRM TO SFT GMMY IP, BLCKY, V SLTY TXT, IMBD V/V/F-GRNS THRU
SH- RD TO DK RD, FRM TO SFT, V SLTY TXT, HVY TR SFT WHT CHLK THRU
LS- CRM TO OFF WHT LT TN IP, HD DNS TO BRTT IP, MD/F-XLN, S-SUCRO, S-CHLKY IP, TR IMBD SM FOSS FRGS, TR SFT WHT CHLK, SLI TR IMBD RD SH, V DLL YEL MIN FLO IP, PR TO TR FR VUG POR IN 3%, NO VIS CUT OR SHOW
SH- RD TO PRP, V FRM TO TR SFT IP, SPNTY, SLTY TXT, TR IMBD SFT WHT CHLK, TR LS INTERBDS
3950
4000
4050
4100
WT 8.8
VIS 50
DST #1
3986'-4024'
0
ROP (min/ft)
5
0
Gamma (API)
150
CFS @ 4024'
WT 8.8
VIS 70
WOB 34K
RPM 90
PP 750
DST #2
4122'-4192'
16 U. BG
20 U. BG
28 U. INC.
28 U. BG
34 U. BG
30-33 U. BG
TG, C1-C5
1
10
100
1000
29 U. INC.
20 U. BG
29 U. BG
28 U. BG
25 U. BG
25-27 U. BG
18 U. BG
21 U. BG
30 U. INC.
32 U. INC.
C1
C2
CN


WT 8.8
VIS 61
LCM 7#
WOB 34K
RPM 90
PP 800
DST #3
4190'-4242'
CFS @ 4192'
0
ROP (min/ft)
5
0
Gamma (API)
150
WT 8.8
VIS 61
CFS @4242'
DST #4
4250'-4272'
"A"
WT 8.7
VIS 53
LCM 7#
CFS @ 4272'
WOB 34K
RPM 90
PP 750
WT 9.0
VIS 54
"D"
"F"
CFS @ 4330'
DST #5
4338'-4387'
4150
4200
4250
4300
4350
SH- DK RD TO RD, V FRM TO FRM, BLCKY, SMTH TXT, SLTY IP
SH- GY TO DK GY, V GMMY TO SFT, SMTH TXT, HVY TR SFT WHT CHLK
4166'-4169' LS- WHT TO OFF WHT (W/ DK TN BRN OIL STN IN 70%-80%) (W/ LIVE OIL STN), HD DNS TO BRTT, MD/F-XLN, RE-XLN MTRX, S-SUCRO, ABDT IMB SM OOL THRU, IMBD SM FOSS FRGS, DLL YEL FLO IN 30%, BRT YEL GLD FLO IN 20%, PR TO FR INTER-OOL POR IN 4%, FR TO TR GD INTER-FOSS POR IN 1%, TR PR MICRO-VUG POR IP, INST FLSH CUT, EXCEL SLW STRM THRU, DK TN TO BRN LCH ON DSH, FREE FLOATING OIL IN TRAY, GD OIL ODOR
4179'-4181' LS- CRM TO OFF WHT CLR (W/ BLCK TAR OIL STIN IN 30%), HD DNS TO TR BRTT IP, MD-XLN, RE-XLN MTRX, ABDT IMB SM CALC-XLS THRU, TR IMBD FOSS FRGS IP, SLI TR IMBD PYR, DLL YEL TO YEL FLO IN 30%, ORNG FLO IN 10%, PR INTER-XLN POR IN 1%, TR FR VUG POR IP, GD INST FLSH CUT, GD SLW STRM IN 60%, TN LCH ON DSH, NO OIL ODOR
HEEBNER 4211' (-890')
SH- BLCK SFT CARB, W/ LT GY TO GY, V SFT TO GMMY, SLTY TXT
4223'-4228' SS- WHT TO OFF WHT CLR LT TN IP (W/ BRWN TO BLCK OIL STN IN 10%-20%, HD TO V FRI, IMBD V/F TO V/V/F S-RND TO S-ANG QRTZ GRNS, FR TO WLL SRT, CALC-CMNT, TR IMBD PYR & PYR CLSTRS IN TRAY, DLL YEL TO YEL GLD FLO IN 20%, PR INTER-GRN POR IN 3%, FR TO GD INTER-GRN POR IN 1%, FR FLSH CUT, FR TO GD SLW STRM THRU, V LT TN LCH ON DSH, NO OIL ODOR
SH- RD TO GY GRN MOTT, SFT TO V GMMY, TR PYR IN TRAY, HVY TR SFT WHT CHLK
LANSING 4252' (-931')
4254'-4257' LS- DK BRWN TO BLCK TN IP (DUE TO OIL STN IN 80%-90%), HD DNS TO BRTT IP, MD-XLN, RE-XLN, SUCRO MTRX, TR IMBD OOL IP, TR OOL-MOLD IP, YEL GLD TO TR BRT YEL GLD FLO IN 40%, FR TO TR GD VUG POR IN 5%, TR PR VUG POR IN 1%, TR OOLMOLD POR IP, EXCEL INST RNG CUT, EXCEL SLW STRM THRU, BRWN LCH ON DSH, SLI OIL ODOR, FREE FLOATING OIL ON SAMPLE CUP
SH- RD TO DK RD, FRM TO SFT, BLCKY, V SLTY TXT
SH- RD PRP GRN MOTT, SFT TO FRM IP, SMTH TXT TO SLTY IP, TR SFT WHT CHLK
LANSING "D" ZONE 4311' (-990')
4312-4315' LS- WHT TO OFF WHT (W/ BLCK OIL STN SCAT IN 50%), HD DNS TO BRTT IP, F/MD-XLN, RE-XLN, S-CHLKY, ABDT IMB FOSS FRGS THRU, TR IMBD SFT WHT CHLK IP, DLL YEL FLO IN 30%, BRT YEL GLD FLO SCAT IN 20%, V PR TO PR INTER-XLN POR IN 1%, TR PR INTER-FOSS POR IN 1%, FR TO GD FLSH CUT, GD SLW STRM IN 50%, TN TO DK TN LCH ON DSH, NO OIL ODOR
LS- CRM TO LT TN OFF WHT IP, HD DNS TO TR BRTT IP, VF/F-XLN, S-SUCRO, ABDT SFT WHT CHLK THRU TRAY, TR IMBD FOSS FRGS IP, YEL MIN FLO THRU, NO VIS POR, NO VIS CUT OR SHOW
SH- RD TO LT GY GRN IP, FRM TO SFT SLI TR GMMY IP,
25-27 U. BG
25 U. BG
CN
C2
C1
31 U. INC.
CN
35 U. SHOW
C1-C5
1
10
100
1000
C2
C1
CN
59 U. INC.
47 U. INC.
45 U. INC.
40 U. BG
CN
C5
C3
C1
184 U. SHOW
C4
C2
C6&C7 PRESENT
40 U. BG
68 U. REC.
CN
ERRATIC BG
AFTER DST #4
C1-C7 PRESENT
CN
220 U. BG
270 U. INC
170 U. BG
210 U. BG
CN
150 U. BG
ALL HEAVIES PRESENT


WT 8.9
VIS 50
"G"
DST #6
4386'-4438'
CFS @ 4387'
ROP (min/ft)
Gamma (gAPI)
WT 8.9
VIS 65
LCM 6#
"H"
CFS @ 4438'
"J"
CFS @4470'
"K"
4400
4450
4500
4550
BLKCY, SLTY TO SMTH TXT, TR IMBD DISS PYR IP
LANSING "G" ZONE 4371' (-1050')
4375'-4377' LS- CRM TO LT TN (W/ V LT TN OIL STN IN 5%-10%), HD DNS TO TR BRTT IP, F/MD-XLN, S-SUCRO, IMBD SM FOSS FRGS THRU, TR IMBD CALC-XLS IP, TR SFT WHT CHLK, SLI TR IMB PYR CLSTRS, V DLL YEL FLO IN 60%, PR TO FR INTER-XLN POR IN 1%, TR MICRO-VUG POR IP, WK FLSH CUT, FR SLW STRM IN 10%, NO LCH ON DSH, NO OIL ODOR
SH- GR TO MD GY RED, SFT TO FRM IP, BLKCY SLTY TXT
4411'-4414' LS- CRM TO LT TN (W/ V LT TN OIL STIN IN 5%-10%), HD DNS TO BRTT, F/MD-XLN, VF-XLN IP, TR IMBD CALC-XLS IP, TR FREE CALC-XLS IN TRAY, SLI TR IMBD SFT WHT CHLK, YEL TO DLL YEL FLO THRU, PR INTER-XLN POR IN 1%, SLI TR MICRO-VUG POR IP, NO FLSH CUT, PR TO FR SLW STRM IN 10%, NO LCH ON DSH, NO OIL DOOR
SH- RD TO DK RD BRN, SFT TO V GMMY THRU, SLTY TXT, HVY TR SFT WHT CHLK
LANSING "J" 4456' (-1135')
4464'-4467' LS- WHT TO OFF WHT (W/ DK TN TO LT BRN OIL STN SCAT IN 30%-40%), HD DNS TO TR BRTT IP, F-XLN, RE-XLN, S-CHLKY IP, IMBD SM OOL THRU, TR IMBD SFT WHT CHLK IP, SLI TR IMBD DISS PYR IP, DLL YEL TO YEL GLD FLO IN 40%, SPTTD BRT YEL GLD FLO IN 10%, V PR INTER-OOL POR IN 1%, TR PR INTER-XLN POR IP, WK FLSH CUT, PR TO FR SLW STRM IN 30%, V LT TN LCH ON DHS, NO OIL DOOR
SH- RD TO DK RD, SFT TO GMMY IP, SLTY TXT TO SMTH IP, TR PYR CLSTRS
LS- OFF WHT TO CRM LT GY IP, HD DNS TO TR BRTT IP, VF/F-XLN, RE-XLN IP, TR IMBD FOSS FRGS, TR IMBD PYR, SLI TR SFT WHT CHLK IN TRAY, YEL MIN FLO THRU, NO VIS POR, NO VIS CUT OR SHOW
LS- OFF WHT TO LT TN CRM, HD DNS, VF-XLN, RE-XLN, IMBD FOSS FRGS THRU, IMBD CALC-XLS THRU, TR SFT WHT CHLK, V DLL YEL FLO THRU, NO VIS POR, NO VIS SHOW
BKC 4521' (-1200')
SH- RD TO BRN GY, V FRM TO SFT IP, BLCKY, SMTH TXT, HVY TR LS INTER-BDS
LS- OFF WHT TO LT GY, HD DNS, VF/F-XLN, MD-XLN IP, S-CHLKY, HVY TR IMBD RD SH, TR SFT WHT CHLK, YEL MIN FLO THRU, NO VIS POR, NO VIS SHOW
SH- RD TO GRN, V GMMY TO SFT IP, TR GRN CLY, HVY TR SFT WHT CHLK THRU TRAY
SH- GY TO MD GY GRN MOTT, FRM TO SFT, BLCKY, SLTY
130 U. BG
176 U. INC.
150 U. BG
CN
TG, C1-C5
TURN OFF AGITATOR DUE TO HEAVY OIL CONTAMINATION IN MUD SYSTEM
WT 8.9
VIS 62
WOB 36K
RPM 85
PP 650
WT 8.9
VIS 62


0
ROP (min/ft)
5
0
Gamma (API)
150
4600
4650
4700
4750
CFS @ 4690'
CFS @ 4722'
CFS @ 4747'
TG, C1-C5
1
10
100
1000
TXT, ABDT IMB V/V/F-GRNS THRU, TR SFT WHT CHLK, TR LS INTER-BDS
SH- RD TO BRN GY, SFT TO FRM IP, SPLNTY SLTY TXT, HVY TR SFT WHT CHLK, TR IMBD DISS PYR IP
CN
WT 9.0
VIS 56
SH- RD TO DK RD BRN, FRM TO SFT GMMY IP, BLKCY SLTY TXT, HVY TR SFT WHT CHLK, TR GRN CLY IP
SLST- GY TO LT GY, HD TO SFT IP, ABDT IMBD V/V/F-GRNS THRU, TR IMBD FN S-RND CLR QRTZ GRNS, TR LS INTER-BDS, SLI TR SFT WHT CHLK
CN
LABETTE SHALE 4633' (-1312')
LS- WHT TO OFF WHT CRM TN IP, HD DNS, VF/F-XLN, TR IMBD FOSS FRGS, TR IMBD SH IP, SLI TR IMBD CALC-XLS, DLL YEL TO YEL FLO THRU, NO VIS POR, NO VIS CUT OR SHOW
CN
WT 9.2
VIS 76
LCM 6#
LS- CRM TO LT TN, V HD DNS, VF/F-XLN, CRYPTO-XLN IP, S-SUCRO IP, TR IMBD FOSS FRGS IP, TR CLR TO ORNG TRANS CHRT, YEL MIN FLO IN 50%, NO VIS POR, NO VIS CUT OR SHOW
WOB 36K
RPM 85
PP 700
LS- CRM TO LT TN TN, HD DNS TO TR BRTT IP, MD-XLN, V RE-XLN, S-SUCRO, HVY TR IMBD LM GRNS, TR SCAT IMBD QRTZ GRNS, SLI TR IMBD OOL, DLL YEL MIN FLO IN 20%, PR TO FR INTER-XLN POR IN 2%, FR TO GD VUG POR IN 1%, NO VIS CUT OR SHOW
CN
FORT SCOTT 4706' (-1385')
LS- LT TN TO TN CRM IP, V HD DNS, VF/F-XLN, TR IMBD FOSS FRGS, SLI TR SFT WHT CHLK IN TRAY, DLL YEL MIN FLO IN 30%, NO VIS POR, NO VIS SHOW
CN
WT 9.1
VIS 69
PV 21
YP 24
FILT 5.2
CHLOR 900
LCM 6#
LS- TN TO LT TN BRN, HD DNS, VF/F-XLN, RE-XLN IP, ABDT IMBD FOSS FRGS, TR SCAT IMBD CLR QRTZ GRNS, HVY TR SFT WHT CHLK, TR DLL YEL FLO IP TO NO VIS FLO, NO VIS POR, NO VIS CUT OR SHOW, NO VIS FLO, NO VIS POR, NO VIS SHOW
BASE OF PENN LIME 4750' (-1429')
CN
LS- CRM TO LT GY GY, HD DNS, VF/F-XLN, RE-XLN, HVY TR IMBD CLR QRTZ GRNS, SLI TR IMBD GY SH IP, NO VIS FLO, NO VIS POR, NO VIS SHOW
SS- CLR TO WHT, HD TT, IMBD F/VF S-RND/RND CLR QRTZ GRNS THRU, FR SFT, CALC-CMNT, IMBD GY SH IP, TR IMBD SFT WHT CHLK, NO VIS FLO, NO VIS POR, NO VIS CUT OR SHOW
CN
SH- GY GRN PRP BRN, SFT TO FRM IP, SPNTY TO BLKCY, LS INTER-BDS THRU, ABDT SFT WHT CHLK THRU TRAY


ROP (min/ft)
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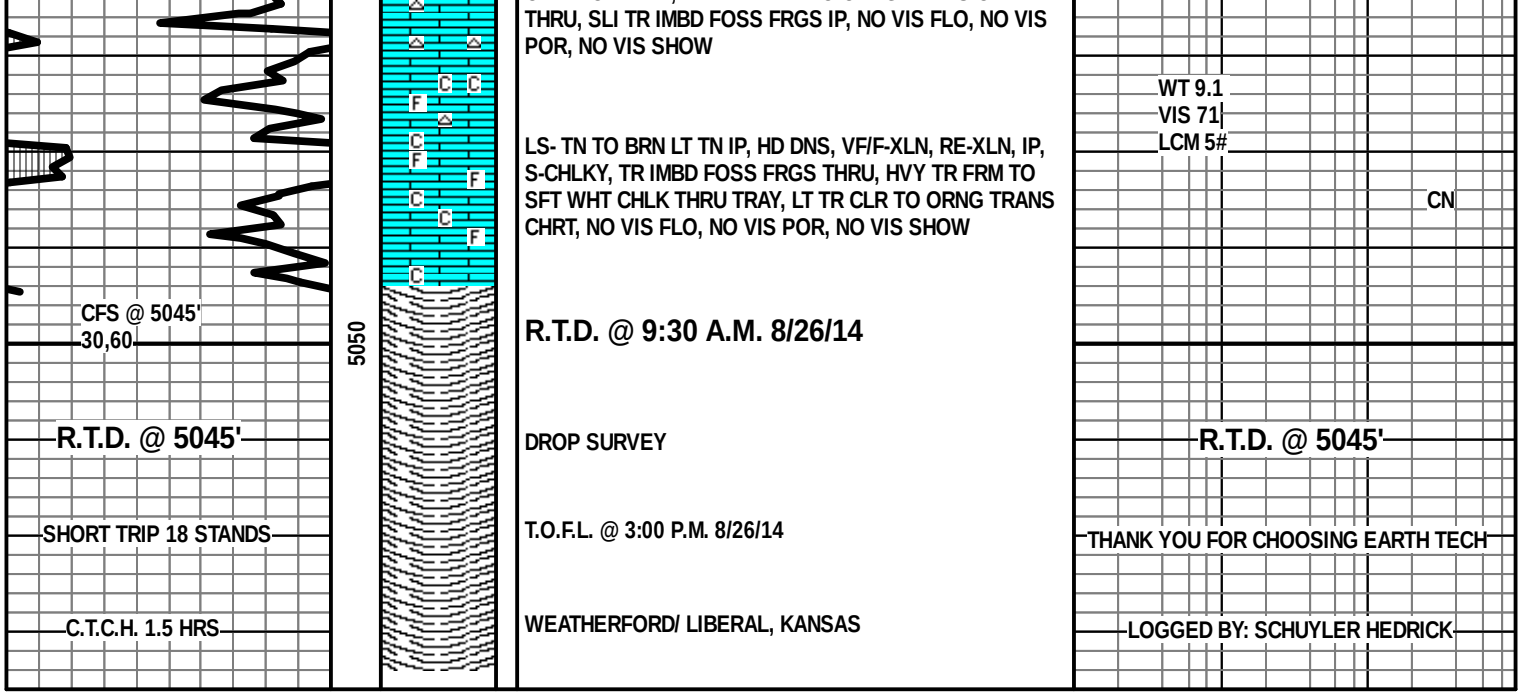
5
Gamma (API)
0
150
4800
4850
4900
4950
5000
TG, C1-C5
1
10
100
1000
LS- CRM TO OFF WHT, HD DNS, VF/F-XLN, RE-XLN, IMBD VF/F-CLR QRTZ GRNS IP, SLI TR IMBD GRN CLY, TR SS CLSTRS, NO VIS FLO, NO VIS POR, NO VIS CUT OR SHOW
SS & SLTST- CRM TO OFF WHT, V HD TT, IMBD VF/F S-RND CLR QRTZ GRNS, TR UNCONSOLIDATED QRTZ GRNS IN TRAY, FR TO WLL SRT, CALC-CMNT GRNDNG TO SIL CMNT, IMBD GRN CLY THRU, HVY TR RD SLT ST THUR, NO VIS FLO, NO VIS POR, NO VIS CUT OR SHOW
SH- RD TO BRN PRP GRN, SFT TO GMMY, BLKCY, SLTY TXT, TR SFT WHT CHLK
SLTST- RD TO DK RD BRN, HD DNS, ABDT IMBD V/V/F GRNS, TR UNCONSOLIDATED QRTZ GRNS, TR IMBD PYR IP, SLI TR SFT WHT CHLK
SS- CRM TO CLR OFF WHT, HD TT, IMBD VF/F S-RND CLR QRTZ GRNS, IMBD MD S-RND CLR QRTZ GRNS IP, PR SRT, SIL CMNT TO CALC CMNT IP, TR IMBD GRN CLY IP, NO VIS FLO, NO VIS POR, NO VIS CUT OR SHOW
WOB 36K
RPM 85
PP 650
SH- RD TO BRN GRN, SFT TO FRM IP, SPNTY, SLTY TXT TO SMTH TXT,
SH- GY GRN BRN PRP, SFT TO GMMY, SPNTY TO BLKCY, SLTY TXT, TR UNCONSOLIDATED QRTZ GRNS
SH & SLTS- GY TO DK GY GRN, HD TT, ABDT IMBD V/V/F-GRNS THRU, TR GRN & YEL CLY
MISSISSIPPIAN 4942' (-1621')
WT 9.1
VIS 69
LCM 7#
DOLO- DK TN TO BRN TN, HD DNS, VF/F-XLN, WHTRD IP, IMBD S-RND DOLO GRNS THRU TRAY, HVY TR LS & SH INTERBDS, HVY TR SFT WHT CHLK, TR PYR CLSTRS THRU TRAY, TR CLR & WHT CHRT, NO VIS FLO, NO VIS POR, NO VIS CUT OR SHOW
LS- LT GY TO GY WHT, HD DNS TO BRTT IP, VF-XLN, WHTHRD IP, V S-CHLKY, DOLO IP, HVY TR SFT WHT CHLK, TR WHT & ORNG TRANS CHRT, TR DLL YEL FLO IP, NO VIS POR, NO VIS SHOW
WOB 35K
RPM 85
PP 700
LS- WHT TO OFF WHT BRN, HD DNS, VF/F-XLN, WHTRD, S-CHLKY, ABDT DK TN TO BRN & WHT CHRT THRU, TR SFT WHT CHLK, IMBD KAOL THRU, TR IMBD GRN CLY, NO VIS FLO, NO VIS POR, NO VIS CUT OR SHOW
LS- LT TN TO TN BRN OFF WHT IP, V HD DNS, VF-XLN, CRYPTO-XLN IP, HVY TR WHT TO ORNG TRANS CHRT
CN


CFS @ 5045'
30,60
R.T.D. @ 5045'
SHORT TRIP 18 STANDS
C.T.C.H. 1.5 HRS
5050
C C
F
C
F
F
C
C
F
C
THRU, SLI TR IMBD FOSS FRGS IP, NO VIS FLO, NO VIS POR, NO VIS SHOW
LS- TN TO BRN LT TN IP, HD DNS, VF/F-XLN, RE-XLN, IP, S-CHLKY, TR IMBD FOSS FRGS THRU, HVY TR FRM TO SFT WHT CHLK THRU TRAY, LT TR CLR TO ORNG TRANS CHRT, NO VIS FLO, NO VIS POR, NO VIS SHOW
R.T.D. @ 9:30 A.M. 8/26/14
DROP SURVEY
T.O.F.L. @ 3:00 P.M. 8/26/14
WEATHERFORD/ LIBERAL, KANSAS
WT 9.1
VIS 71
LCM 5#
CN
R.T.D. @ 5045'
THANK YOU FOR CHOOSING EARTH TECH
LOGGED BY: SCHUYLER HEDRICK