



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1235305
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1235305

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
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Woolsey Operating Company, LLC
Well Name	TUCKER B GU 6
Doc ID	1235305

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	4900-4904 Misener	200 GAL 10% MIRA	4900-4904
		500 GAL 15% HCL NE/FE	4900-4904
		CIBP at 4850' to isolate Misener	
2	4625-4600 & 4594- 4582 Miss		4582-4625 OA
		1850 GAL 10 MIRA	4582-4625 OA
		222,000 gal slick wtr, 55,200 gal Progel LG200,	
		106,000# 30/50 mesh sd, 63,500# 16/30 mesh sd,	
		12,500# 16/30 Resin coated sd, some gelling agents & fluid loss additives	4582-4625 OA

QUALITY WELL SERVICE, INC.

6202

Federal Tax I.D. # 481187368

SEP 16 2014

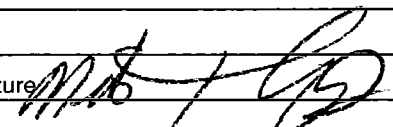
Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410

Fax 620-672-3663

Rich's Cell 620-727-3409

Brady's Cell 620-727-6964

Date	08-21-14	Sec.	11	Twp.	34s	Range	11w	County	Barber	State	KS	On Location	6:00pm	Finish	9:45pm	
Lease	Tucker B GI			Well No.	6			Location	Bethel & Gelane Rd, 1s, 1/2w, S/in to							
Contractor	Fossil							Owner	Woolsey Oper.							
Type Job	Surface							To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	17 1/2			T.D.	229			Charge To	Woolsey							
Csg.	13 3/8			48#	Depth	214 + 15' x 8 1/8" L5.			Street							
Tbg. Size				Depth				City	State							
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	20'			Shoe Joint	N/A			Cement Amount Ordered	300sx class A + 3%cc + 2%gel							
Meas Line				Displace	3 1/4 BBLs Fresh											
EQUIPMENT																
Pumptrk	8	No.	David B			Common	300									
Bulktrk	7	No.	Mike B			Poz. Mix										
Bulktrk		No.				Gel.	6									
Pickup		No.	David F.			Calcium	11									
JOB SERVICES & REMARKS																
Rat Hole								Hulls								
Mouse Hole								Salt								
Centralizers								Flowseal								
Baskets								Kol-Seal								
D/V or Port Collar	Ron 5jts 13 3/8							Mud CLR 48								
Pipe on Bttm	Break Circ. w/ lobbis							CFL-117 or CD110 CAF 38								
Pump Spacer	Mix 300sx A 243 cement,							Sand								
Start Disp. w/ Fresh H ₂ O	See Steady							Handling	317							
increase in PSI, Slow Rate, Stop Pump								Mileage	18							
@ 3 1/4 BBLs total Disp., Shut in								FLOAT EQUIPMENT								
Cement Did Circ.								Guide Shoe								
								Centralizer								
								Baskets								
								AFU Inserts								
								Float Shoe								
								Latch Down								
								Service Supervisor								
								LMV 18								
								Pumptrk Charge	Surface							
								Mileage	18							
								Tax								
								Discount								
								Total Charge								
X Signature																

ALLIED OIL & GAS SERVICES, LLC 063036

Federal Tax I.D. # 20-8651475

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

SEP 15 2014 SERVICE POINT:
Medicine Lodge KS

DATE <u>8/30/14</u>	SEC. <u>11</u>	TWP. <u>24s</u>	RANGE <u>11w</u>	CALLED OUT	ON LOCATION <u>1:30 PM</u>	JOB START <u>6:00 PM</u>	JOB FINISH <u>7:00 PM</u>
LEASE <u>Tucker</u>	WELL # <u>B 64 6</u>	LOCATION <u>Garland + Bethel Rd, 1 south to Black</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>Kettle Rd, 1/2 West, South into</u>				

CONTRACTOR Fossil 3 OWNER Woolsey Operating

TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D. 5120
 CASING SIZE 5 1/2 DEPTH 5014
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1800 MINIMUM
 MEAS. LINE SHOE JOINT 45
 CEMENT LEFT IN CSG. 45
 PERFS.
 DISPLACEMENT 119 BBLs 2% KCL H₂O

CEMENT
 AMOUNT ORDERED 90s 60:40:4% Gel,
100sx Class H + 10% Gypseal + 10% Salt + 6#
Kalseal + 8% FL-160 + 1/4# Flocal, 12 Gal KCL

EQUIPMENT
 PUMP TRUCK CEMENTER Jason Thinesch
894 / 302 HELPER Ron Gilley
 BULK TRUCK
364 DRIVER Robert Johnson
 BULK TRUCK
 # DRIVER

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
Leo 40/4 Blend	90sx	@ 6.92 1702.80
Class H	100sx	@ 25.28 2528.00
Gypseal	940#	@ .88 827.20
Salt	540#	@ .68 367.20
Kalseal	600#	@ .98 588.00
FL-160	75#	@ 18.90 1417.50
Flocal	25#	@ 2.97 74.25
Clapro	12 Gal	@ 34.40 412.80
HANDLING	@	
MILEAGE		

REMARKS: 20% = 1583.55 TOTAL 7917.75

WELL
 Regulatory Compliance
 Drig / Comp Woolsey
 Tests / Metals None

SERVICE

DEPTH OF JOB	<u>5014</u>	
PUMP TRUCK CHARGE		<u>3099.25</u>
EXTRA FOOTAGE	<u>LV 20 mi</u>	@ 4.40 <u>88.00</u>
MILEAGE	<u>20 mi</u>	@ 7.70 <u>154.00</u>
MANIFOLD + Head		@ <u>276.00</u>
Handling	<u>225.84 cu ft</u>	@ 2.48 <u>560.08</u>
Drayage	<u>mix 193.25 tons</u>	@ 2.75 <u>531.44</u>

CHARGE TO: Woolsey Operating
 STREET _____
 CITY _____ STATE _____ ZIP _____

20% = 941.54 TOTAL 4707.78

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.

PLUG & FLOAT EQUIPMENT

<u>5 1/2</u>		
Latch down plug Assembly	1 @	660.00
AFU Float Shac	1 @	545.00
Recipr. scratchers	20 @	89.00 1780.00
Turbalizers	10 @	95.00 950.00

TOTAL 3935.00

PRINTED NAME MIKE THARO
 SIGNATURE Mike Tharo

SALES TAX (If Any) _____
 TOTAL CHARGES 16560.53
 DISCOUNT 14035.42 IF PAID IN 30 DAYS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Woolsey Operating Co.

11-34s-11w Barber Ks.

125 N. Market, Ste. 1000
Wichita KS.67202

Tucker B GU#6

Job Ticket: 54248

DST#: 1

ATTN: Bill Klaver

Test Start: 2014.08.27 @ 16:13:29

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:54:14

Time Test Ended: 01:42:59

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4515.00 ft (KB) To 4625.00 ft (KB) (TVD)

Reference Elevations: 1404.00 ft (KB)

Total Depth: 4625.00 ft (KB) (TVD)

1392.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8352 Outside

Press@RunDepth: 44.46 psig @ 4516.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.27

End Date:

2014.08.28

Last Calib.:

2014.08.28

Start Time: 16:13:34

End Time:

01:42:59

Time On Btm:

2014.08.27 @ 18:52:59

Time Off Btm:

2014.08.27 @ 23:24:59

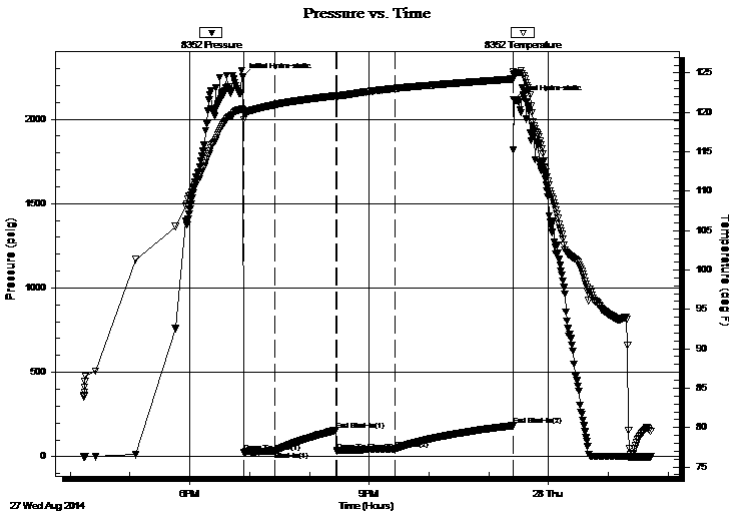
TEST COMMENT: IF:Weak blow . Increase to 4".

IS:No blow .

FF:Weak blow . Slow increase to 4".

FS:No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2250.28	120.37	Initial Hydro-static
2	24.22	119.07	Open To Flow (1)
33	33.05	120.98	Shut-In(1)
94	157.13	122.12	End Shut-In(1)
95	33.13	122.05	Open To Flow (2)
153	44.46	123.03	Shut-In(2)
271	183.56	124.23	End Shut-In(2)
272	2117.73	124.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	GCM w o specs 7%g 93%m	0.20
0.00	165 ft.of GIP	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Woolsey Operating Co.

11-34s-11w Barber Ks.

125 N. Market, Ste. 1000
Wichita KS.67202

Tucker B GU#6

Job Ticket: 54248

DST#: 1

ATTN: Bill Klaver

Test Start: 2014.08.27 @ 16:13:29

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:54:14

Time Test Ended: 01:42:59

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4515.00 ft (KB) To 4625.00 ft (KB) (TVD)

Reference Elevations: 1404.00 ft (KB)

Total Depth: 4625.00 ft (KB) (TVD)

1392.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8370 **Inside**

Press@RunDepth: psig @ 4516.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.27 End Date: 2014.08.28

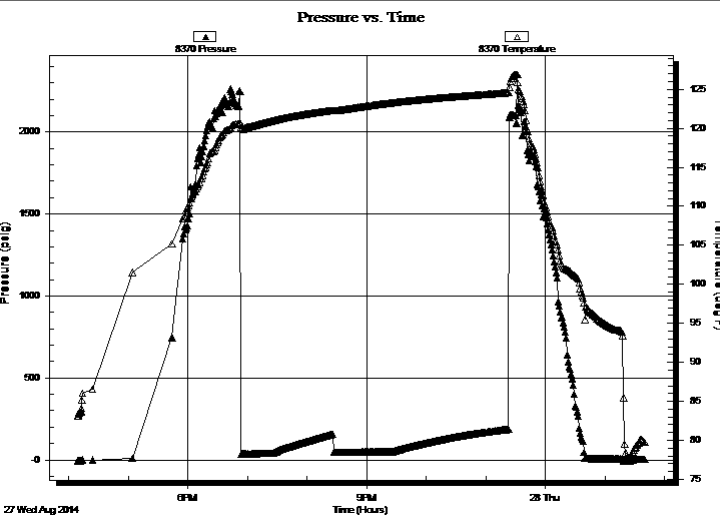
Last Calib.: 2014.08.28

Start Time: 16:09:00 End Time: 01:40:10

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:Weak blow . Increase to 4".
IS:No blow .
FF:Weak blow . Slow increase to 4".
FS:No blow .



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
40.00	GCM w o specs 7%g 93%m	0.20
0.00	165 ft.of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.

11-34s-11w Barber Ks.

125 N. Market, Ste. 1000
Wichita KS.67202

Tucker B GU#6

Job Ticket: 54248

DST#: 1

ATTN: Bill Klaver

Test Start: 2014.08.27 @ 16:13:29

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:

6000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
40.00	GCM w o specs 7%g 93%m	0.197
0.00	165 ft.of GIP	0.000

Total Length: 40.00 ft Total Volume: 0.197 bbl

Num Fluid Samples: 0

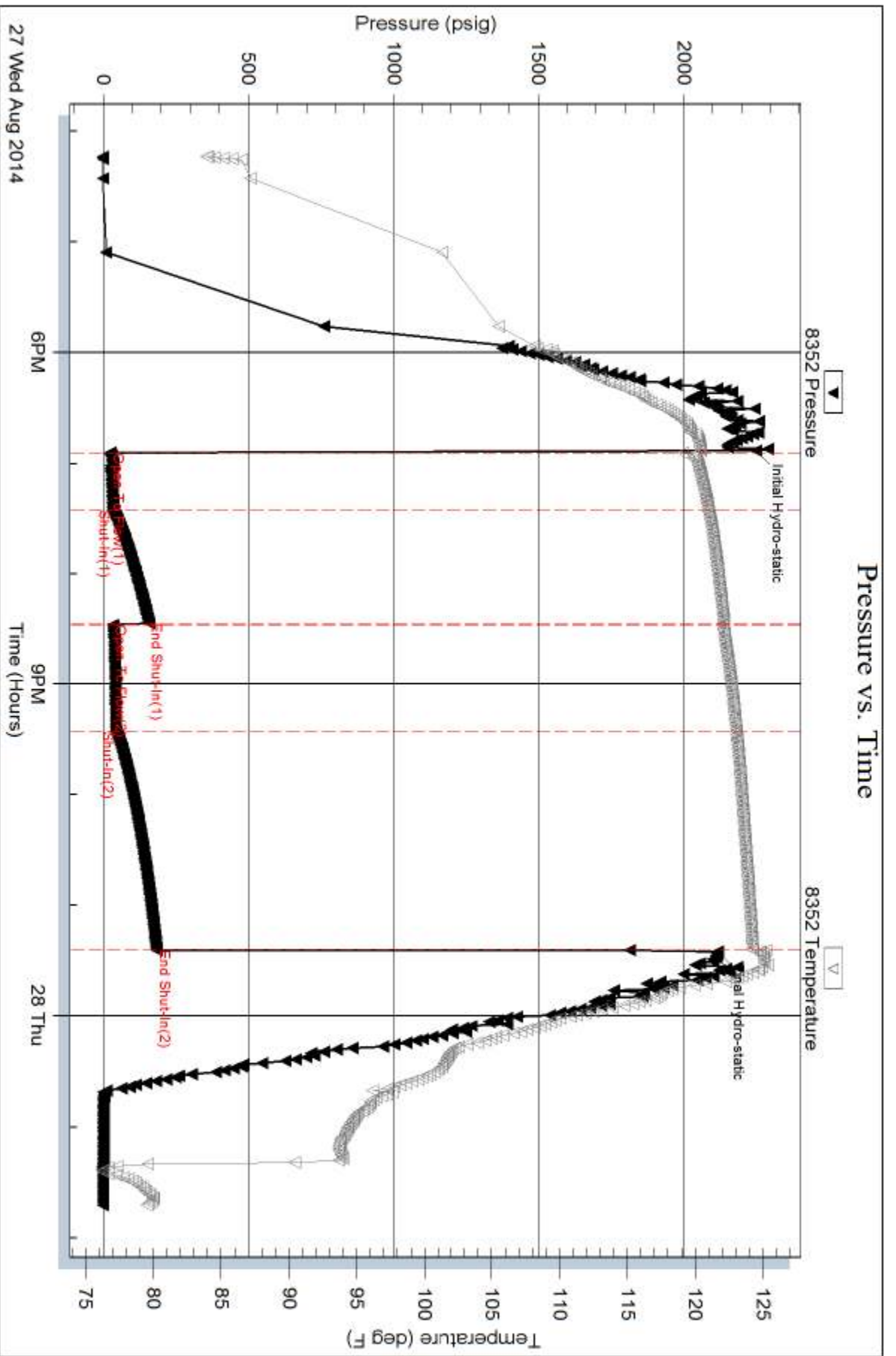
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



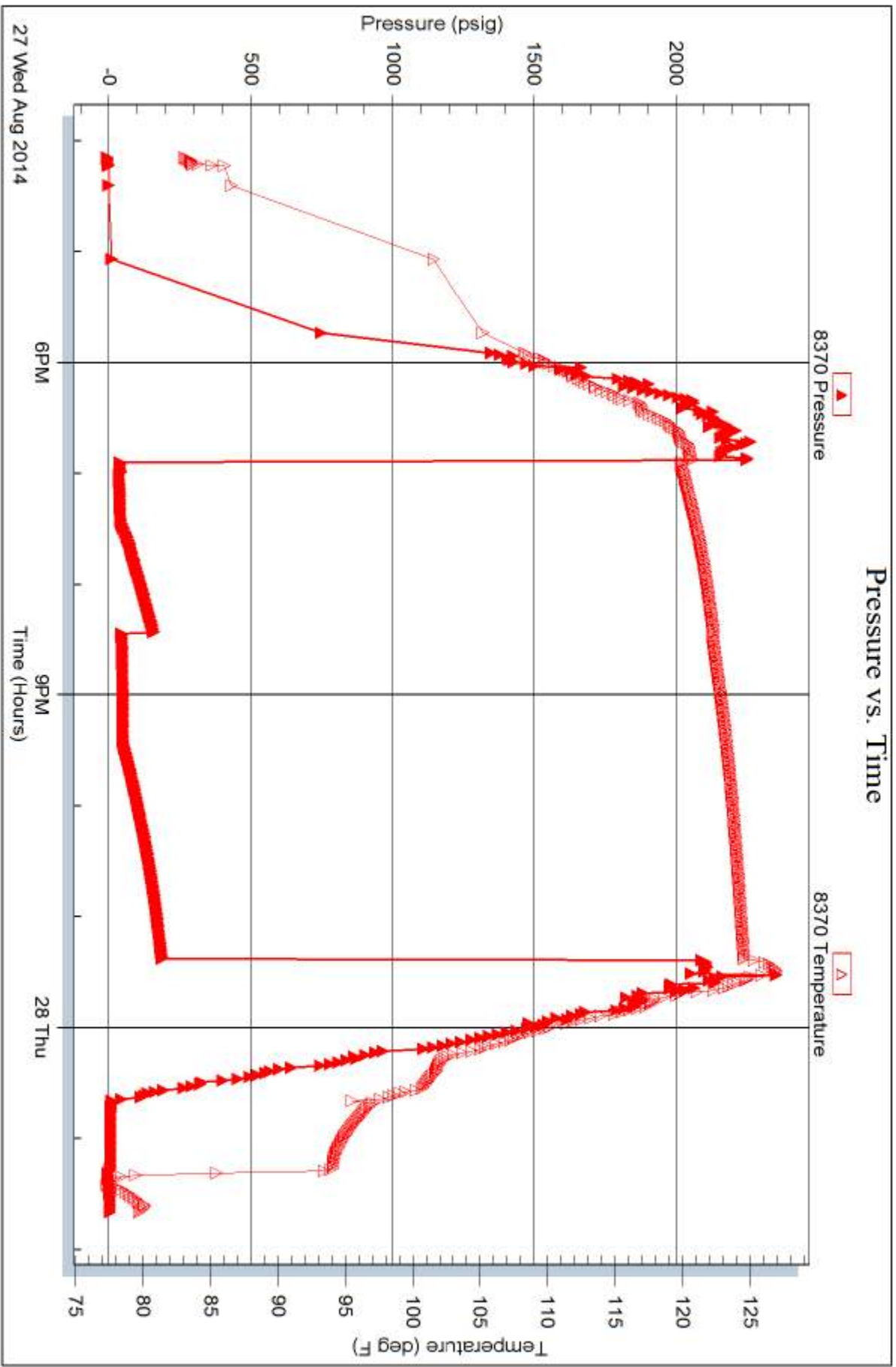
Serial #: 8370

Inside

Woodsey Operating Co.

Tucker B GU#6

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 54248

Printed: 2014.08.28 @ 08:27:51



Woolsey Operating Company, LLC

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

Well Name: TUCKER 'B' GU #6
Location: Section 11 - Township 34 South - Range 11 West
License Number: 15-007-24214-00-00 Region: Barber County, Kansas
Spud Date: August 21, 2014 Drilling Completed: August 30, 2014
Surface Coordinates: 1980' FNL and 1980' FEL
C SW 1/4 NE 1/4

Bottom Hole
Coordinates:
Ground Elevation (ft): 1392' K.B. Elevation (ft): 1404'
Logged Interval (ft): 4000' To: 5120' Total Depth (ft): 5120'
Formation: Kansas City ----> Simpson Group
Type of Drilling Fluid: Chemical Mud

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Woolsey Operating Company, LLC
Address: 125 N. Market, Suite 1000
Wichita, KS 67202

GEOLOGIST

Name: Bill Klaver
Company: Woolsey Operating Co. LLC
Address: 125 N. Market, Wichita Kansas, 67202

COMMENTS

Surface Casing: Spud at 2:15 pm on August 21, 2104, ran 5 joints of new 13 3/8" X 48#/ft surface casing to 229' KB (tally 214.35'). Cemented by Quality WS with 300 sx Class A-2, 2% gel, 3% cc. Plug down at 9:45 pm on August 21, 2014. Cement did circulate.

Production Casing: 5 1/2" X 16.5#/ft

Deviation Surveys: 1 at 229', 1 at 982', 1/2 at 1491', 1/2 at 1996', 1/2 at 2504', 1 at 3013', 1/2 at 3515', 1 at 4020', 1/2 at 4625', 3/4 at 5120'

Pipe Strap @ 4256', Strap: 4655.29', Board: 4656.04', Strap .75' short to the board. No corrections were made to the board.

Fossil Drilling Rig 3 Bit Record:

- 1) 17 1/2" Smith RR, in at 0' out at 229'. 4 3/4 hours.
- 2) 7 7/8" Varel HE-21, in at 229' out at 4625', 91 hours.
- 3) 7 7/8" Varel HE-29 RR in at 4625' out at 5120', 32 3/4 hours

Gas Detector: Woolsey Operating Company, Gas Shack #2

Mud System: Mud-Co. Brad Bortz, Engineer

DSTs: Trilobite Testing, Gary Pevoteaux, Tester

Company Man: Mike Tharp, Woolsey Operating Company

E-Logs: Nabors Completion and Production Services, Dual Induction Laterolog w/SP, CNL/FDC w/PE, Gamma Ray and Caliper. Jeff Groneweg, Engineer

DSTs

DST #1 Mississippian, 4510'-4625', 30"-60"-60"-120", Weak 4" blow on initial flow. Weak 6" blow throughout final flow period. Recovered: 165' GIP, 40' GCM (7% Gas, 93% Mud w/oil specks), IHP 2250, IFP 24-33, ISIP 157, FFP 33-44, FSIP 183, FHP 2117. BHT 124 degrees.

CREWS

Jim Wenrich, Tool Pusher (surface time and moving)

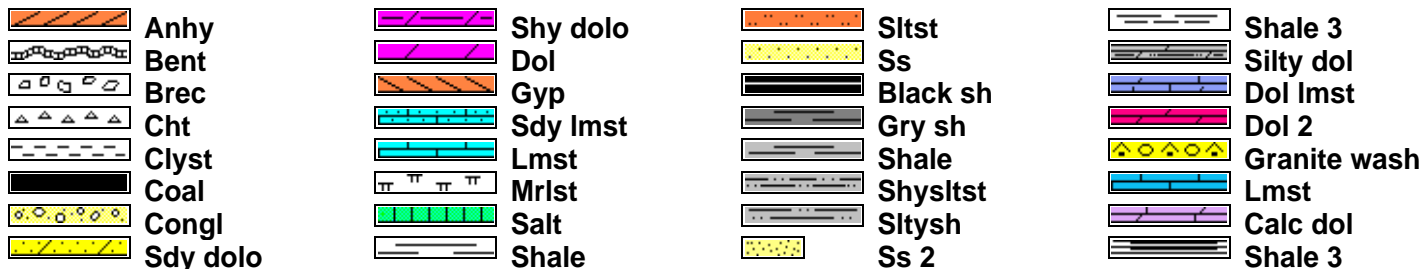
Daniel Orrantia, Daylights

Ron Burns, Evening

Kirk Shuman, Morning

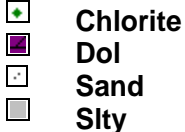
Chris Slatts, Relief

ROCK TYPES

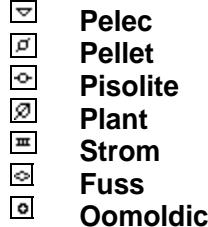
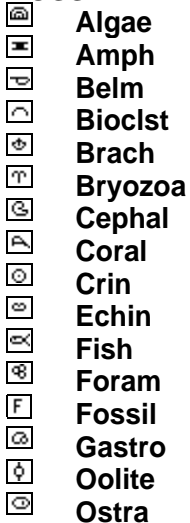


ACCESSORIES

MINERAL



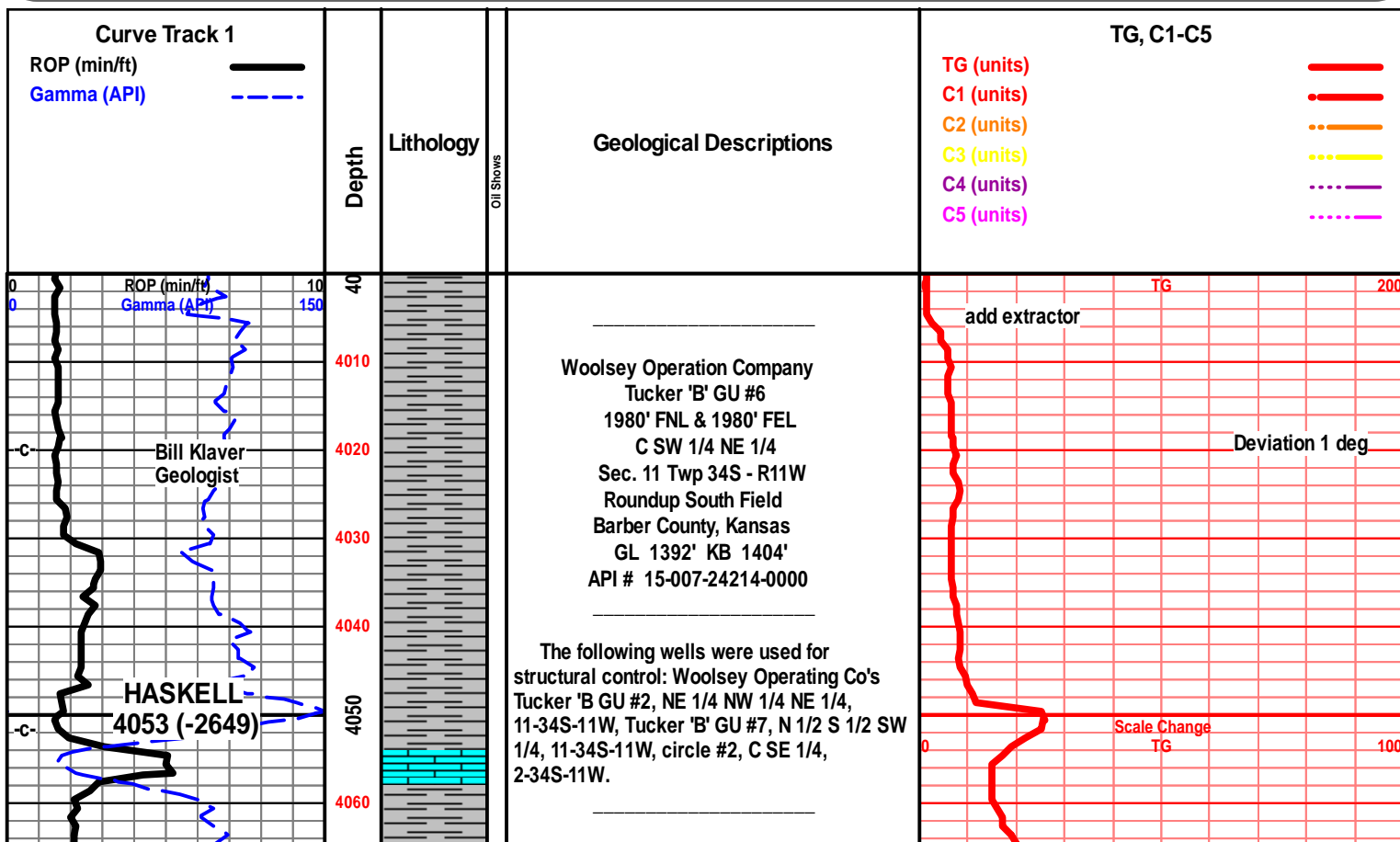
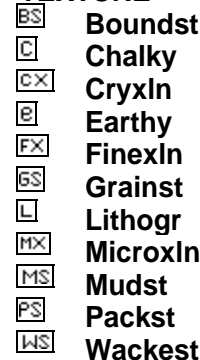
FOSSIL



STRINGER



TEXTURE



One minute drill time was recorded from 4000' to rotary total depth. 10 foot and circulating sample were gathered and delivered to the Survey at the completion of the test.

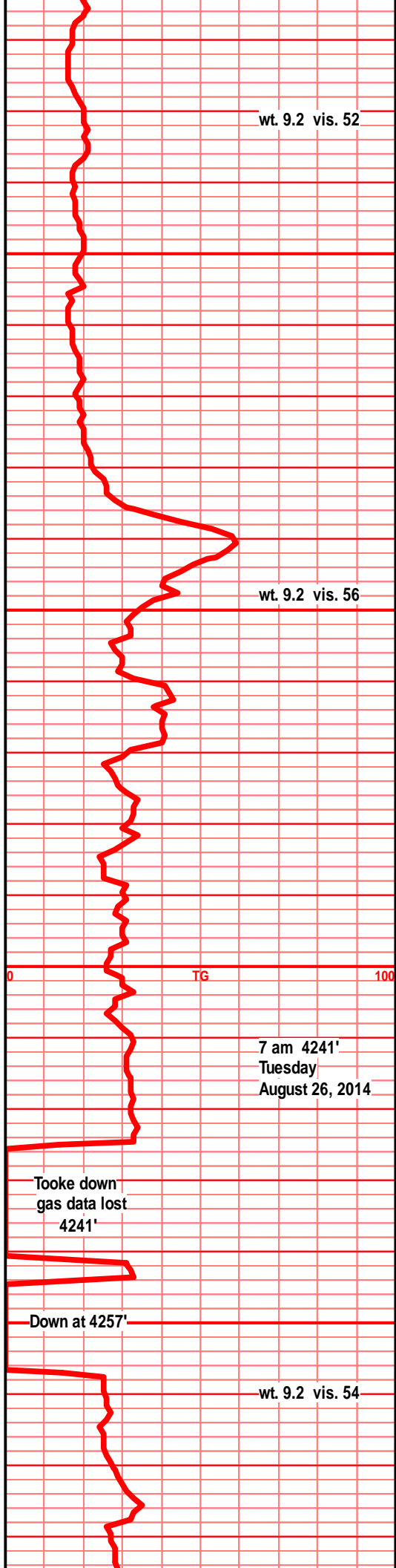
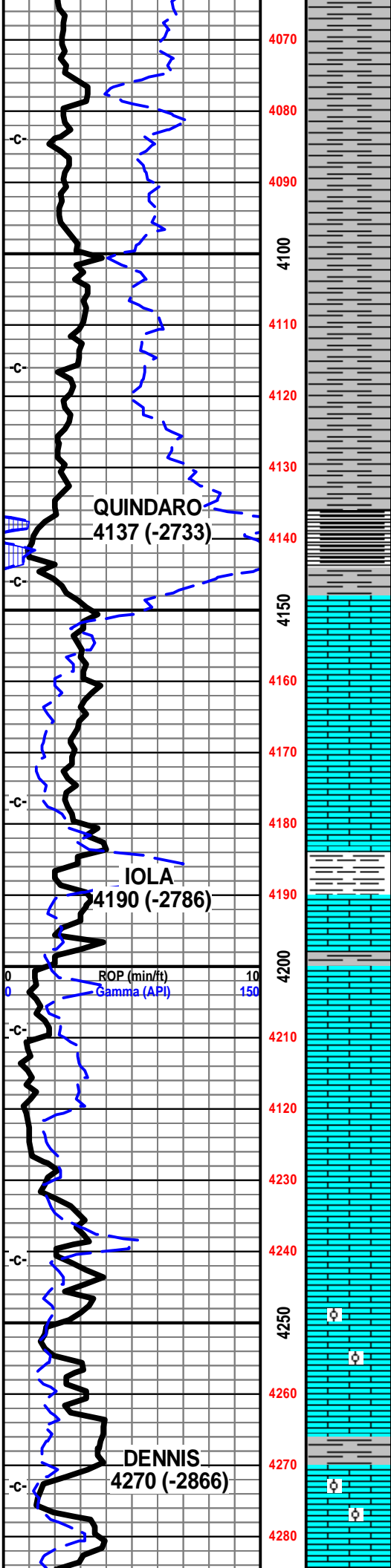
7am Daily Progress:

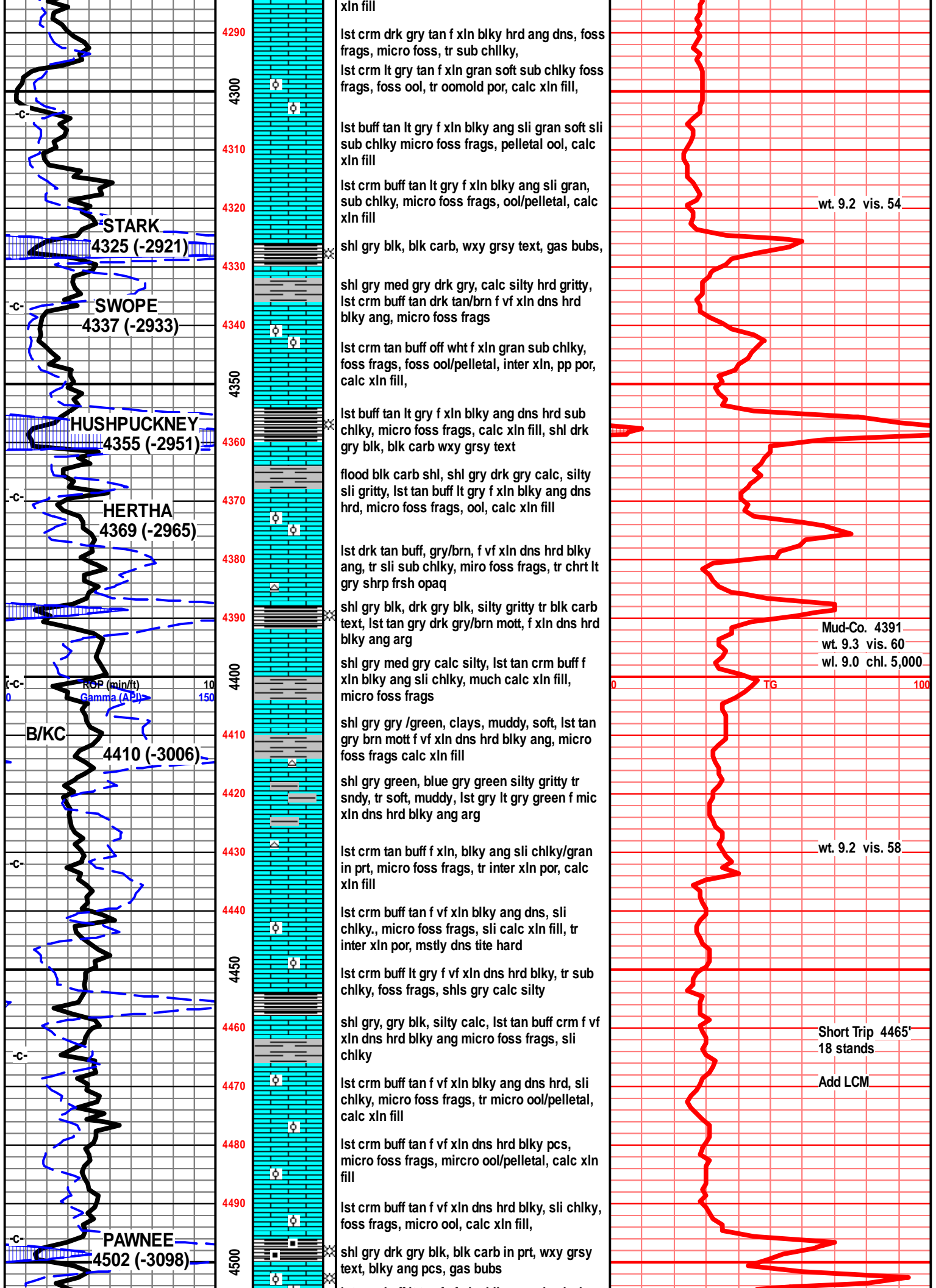
- August 21, 2014 MIRT/SPUD
- August 22, 2014 Drilling at 320'
- August 23, 2014 Drilling at 1745'
- August 24, 2014 Drilling at 2788'
- August 25, 2014 Drilling at 3635'
- August 26, 2014 Drilling at 4241'
- August 27, 2014 Drilling at 4569'
- August 28, 2014 Drilling at 4650'
- August 29, 2014 Drilling at 4982'
- August 30, 2014 E-logs out 7 am

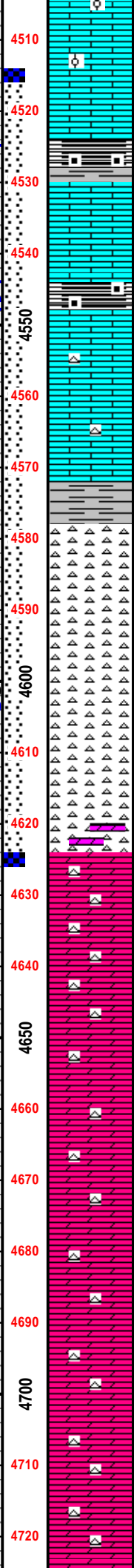
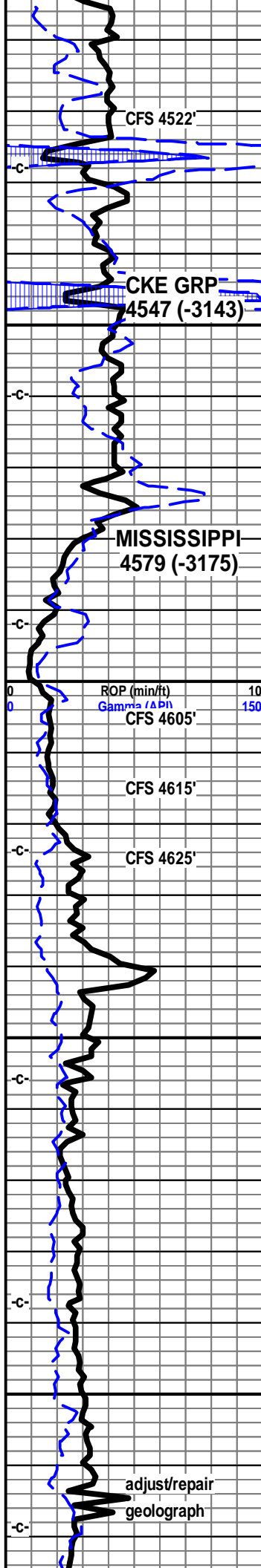
E-Log Tops:

- Herington 1781 (-377)
- Onaga 2617 (-1213)
- Wabaunsee 2668 (-1264)
- Stotler 2800 (-1396)
- Topeka 3086 (-1682)
- LeCompton 3436 (-2032)
- Kanwaka 3449 (-2045)
- Elgin Sand 3502 (-2098)
- Heebner 3646 (-2242)
- Toronto 3656 (-2252)
- Douglas Grp 3684 (-2280)
- Douglas Shale 3704 (-2300)
- Haskell (Brown) Lime 4058 (-2654)
- Quindaro 4140 (-2736)
- Iola 4194 (-2790)
- Drum 4245 (-2841)
- Dennis 4299 (-2895)
- Stark 4327 (-2923)
- Swope 4340 (-2936)
- Hushpuckney 4358 (-2954)
- Hertha 4366 (-2962)
- B/Kansas City 4410 (-3006)
- Pawnee 4506 (-3102)
- Cherokee Grp 4552 (-3148)
- Mississippi Unc. 4581 (-3177)
- C3 4581 (-3177)
- C2A 4599 (-3195)
- C2 4635 (-3231)
- Compton 4763 (-3359)
- Kinderhook 4776 (-3372)
- Woodford 4859 (-3455)
- Viola 4907 (-3503)
- Simpson Grp 5000 (-3596)
- Wilcox 5016 (-3612)
- McLish 5084 (-3680)
- LTD 5124 (-3720)

1st crm off wht tan f xln gran sub chlky soft, foss frags, foss ool/pelletal, inter xln por, calc







lst crm buff lt tan f vf xln, blkly ang dns hrd pcs, sli chlky in prt, micro foss frags, crsly ool in prt, packed ool, hvy calc xln fill NVP, mstly dns tite, gas bubs on brk, fair/bright UV (mineral?)

lst crm buff tan f vf xln dns hrd blkly, sli sub chlky in prt, tr foss frags, micro foss frags, ool, tr pelletal, calc xln fill

shl gry blk, drk gry blk carb in prt wxy grsy text, blkly ang pcs, gas bubs, lst tan crm buff, tr lt tan/gry f vf xln dns hrd blkly, tr sli chlky, foss frags, micro foss frags, tr micro ool/pelletal,

shl gry drk gry blk, blk carb, wxy grsy text, blkly ang pcs, filmy cond sho, gas bubs, lst tan buff f vf xln dns hrd blkly ang sli chlky, micro foss frags, tr calc xln fill

lst tan buff crm, tan/lt gry f vf xln dns hrd, blkly ang pcs, sli chlky gran text, tr arg text, micro foss frags, calc xln fill

lst crm buff lt gry f vf xln dns blkly ang hrd, sli chly, micro foss frags, calc xln fill, chrt lt gry tan shrp frsh

chrt wht, lt tan, lt gry, off wht, shrp frsh shrp blkly sub opa, tan brn stained vry sli weath edge, tr pp por, frac por, odor, stain, gas bubs

chrt aa, chrt off wht tan brn mott, weath sli trip text edge, spongy soft weath edge, pp moldic por, chrt wht lt gry tr tan shrp frsh sub opa with weath sli trip spongy text edge, pp moldic por, vug por, stain, SSFO, gas bubs gd odor

chrt lt blue/grey mott shrp frsh, sub opa with tan brn mott weath text edges, w/trip sli spongy text, gd pp mold/vug por, gas bubs, SFO, gd odor, stain

chrt aa, dolo crm tan lt gry f vf xln gran sli suc text, tr glau, inter xln por, stain vssfo, w/gry/blue gry chrt inclu w/weath edges, stain, ssfo, gas, odor

dolo, chrty dolo, crm tan f vf xln gran, blkly ang pcs, sli slic text, sli suc text, tr glau, chrt inclu, gry smokey, shrp frsh opa, tr weath edge, stain, ssfo, odor, gas bubs

dolo crm tan, lt gry/brn f vf xln gran sli suc text, fnly inter xln text, tr glau, tan brn stain, ssfo/gas on brk, chrty in prt, chrt off wht lt gry shrp frsh, tr weath, tan brn stained edges

dolo crm tan tr lt brn f vf xln gran silic, sli suc text, tr glau, sli inter xln por, mstly dns tite, chrty in prt, chrt gry opa shrp frsh, tr stain, tr gas sli odor

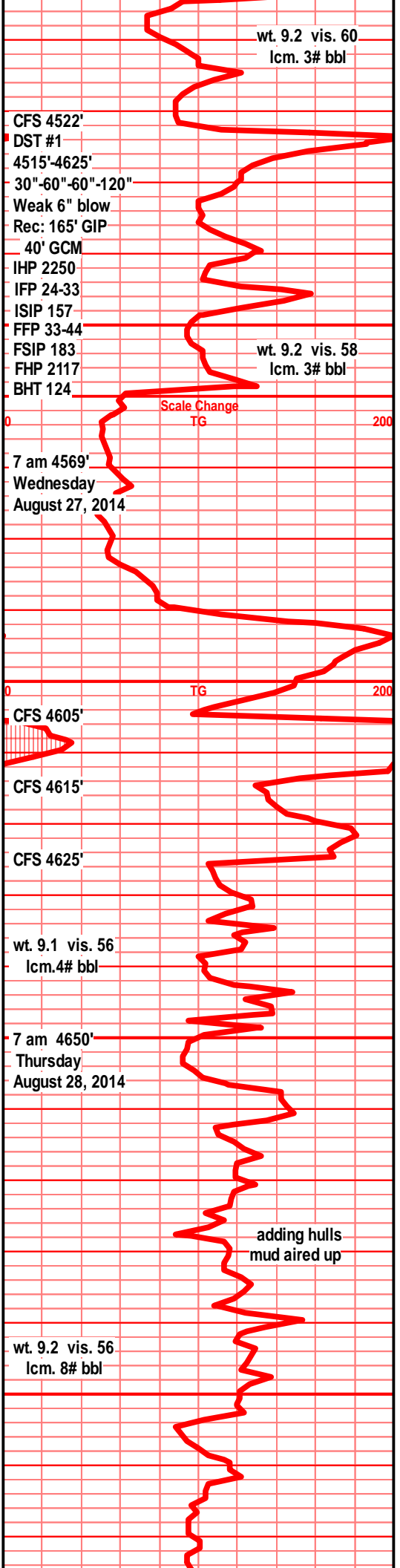
dolo crm tan lt gry f vf xln blkly ang gran dns hrd, sli suc text, silic in prt, inter xln por, mstly dns tite, chrty, chrt wht lt gry shrp frsh opa, tr stain

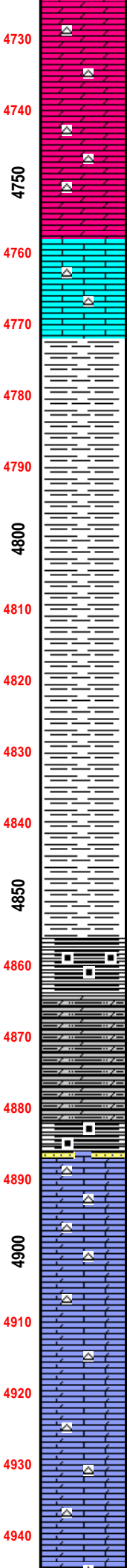
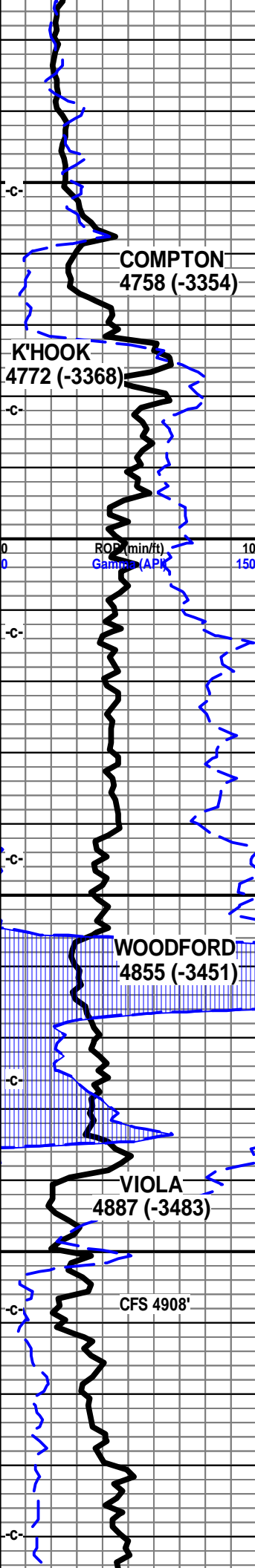
dolo crm tan lt gry, gry/drk tan f vf xln gran blkly ang dns tite, tr inter xln por, chrty, chrt wht lt gry shrp frsh, dec shows

dolo drk crm tan, bec drkr tan/gry f vf xln dns hrd incr arg, silty, gritty, silic, chrt dull gry shrp frsh opa

dolo, silty dolo in prt, tan drk tan gry, f vf xln gran silic text, silty, chrty in prt, chrt dull tan gry blue shrp frsh sub opa

dolo tan gry f vf xln, silty in prt, gran silic text,





arg, chrt, chrt dull gry smokey shrp frsh opa

dolo tan drk tan gry f vf xln gran sili, sli sucr text, blk ang pcs, arg silty in prt, chrt, chrt dull tan lt gry shrp frsh sub opa

dolo, silty dolo in prt, tan drk tan gry, f vf xln dns hrd blk ang pcs, arg silty, silic text, chrt, chrt tan gry smokey shrp frsh sub opa

dolo silty dolo, tan gry, drk gry, f vf lxn gran silic text, arg silty in prt, chrt aa

lst wht off wht, dull lt tan f med xln blk ang pcs, tr crs xln, tr crs foss frags, chrt wht shrp frsh blk ang pcs, sub opa

shl gry, drk gry blk, silty, fnly gritty, tr pyritic

shl drk gry blk, silty, fnly gran, gritty. tr bedded, pyritic, tr gas on brk

shl drk gry/blk, brnsh blk, silty, platey, splintery in prt, gas bubs

shl gry, drk gry/blk, reddish brn tint, sli silty, spinters, gas bubs, tr pyritic

shl dry gry blk, brnsh/reddish blk, silty, sli gritty, pyritic, gas bubs on brk

shl gry drk gry blk, reddish brn tint, splintery, pyritic in prt, ratty, gas bubs aa

shl dkr gry, gry/blk, reddish brn in prt, fnly silty, sli gritty, spinters, gas bubs

shl gry dkr gry blk, brn/red tint blk, silty fnly gran splintery gas bubs

shl blk, reddish blk, carb, grsy wxy pcs, blk ang pyritic silty dolo sli silic text, gritty gran text, abun gas bubs

shl, dolo shl, drk gry, gry blk, silty silic, gritty, pyritic

shl, dolo shl, drk gry brn gry silty gritty pyritic, sli sndy, silic text, gas bubs, filmy cond, blk ang wxy grsy carb pcs

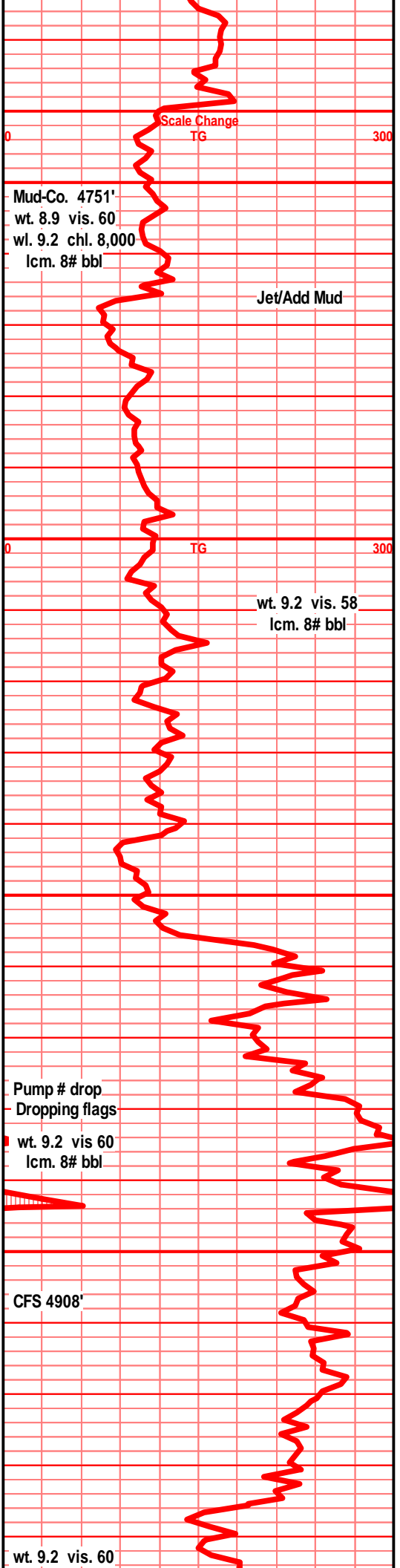
sst 1-2 clstrs, wht lt gry f grnd sub ang, ang grns, prly srtd, w/cem, silic cem, arg clay fill, pyritic, NVP filmy dead sfo, tr gas bubs, chrt tan gry brn lt orange mott, shrp frsh opa, frac por, lst wht lt gry mott f xln blk ang gran, inter xln por, chrt, gas bubs, filmy transl SFO, nodor

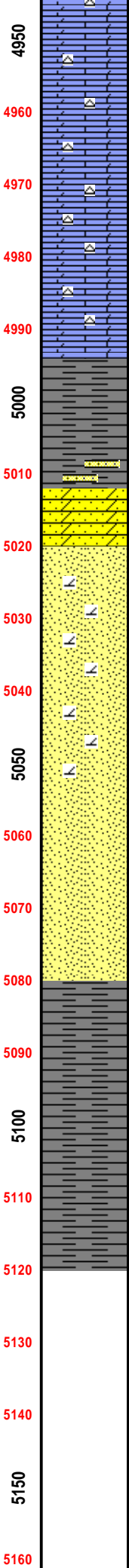
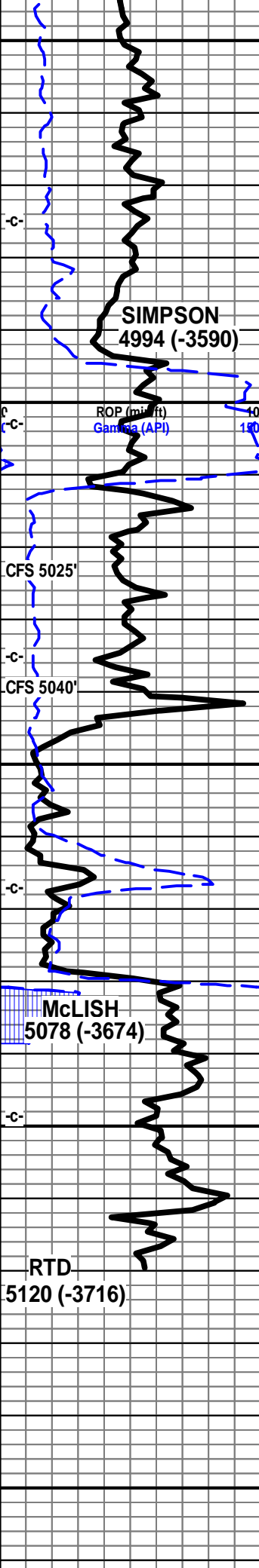
lst/dolo crm tan lt gry mott, f med xln gran soft chlky, tr glau, pyritic, inter xln por, gas bubs, nodor

lst wht off wht, wht lt gry mott f sli med xln, crsly xln in prt, crs foss frags, calc xln fill, chrt, chrt wht opa

lst/dolo in prt, off wht, wht lt gry mott, f sli med xln blk ang sli gran, crs foss frags, inter xln por, pyritic fill, chrt wht sub opa

lst dolo in prt, tan drk tan, f xln blk dns ang hrd, sli chlky in prt, chrt, chrt tan shrp fsh





sub opaq
 Ist/dolo crm tan lt brn f vf xln gran sub chlky, tr sli sucr text, sndy in prt, chrt dull tan brn shrp frsh sub opaq, Ist wht tan gry mott f med xln blk ang inter xln por, crs foss frags, pyritic, chrt wht shrp frsh sub opaq

Ist dolo in prt, tan, lt brn brn, f tr vf xln gran sli chlky text, gran, sndy silic text, chrt dull tan brn shrp frsh sub opaq

Ist/dolo crm tan lt brn, f vf xln dns hrd blk, tr sub chlky, gran sndy sli sucr text, silic in prt, chrt, chrt dull tan brn shrp frsh sub opaq

Ist dolo tan crm lt brn f vf xln dns gran sndy text, sli sucr, soft sub chlky, chrt dull tan brn shrp frsh sub opaq

shl drk gry green, teal green, wxy grsy text, sli pyritic, tr snd grn inclu

shl gry green teal green, fnly silty, wxy text, blk ang pcs, pyritic, fn snd grn inclu

sst lt gry tan f vf grnd sub ang, prly srted, sub fria, prly cem, arg, tr clay fill, tr pyritic tr gilson dead flky stain, sst wht clr clstrs, f grnd sub rded grns, w/srted, prly cem fria, NS

sst lt gry tan clstrs, f grnd sub rded fair to prly srted, fair to well cem, sub fria to fria, tr arg, tr clay fill, tr gilson dead stain, sst wht/cclr clstrs, f grnd, sub rded, w/srted fria, inter grn por, NS abun clr vf grnd w/rded loose snd grns in spl tray.

sst clr lt wht clstrs, f grnd sub rded to rded, fairly srted, fair cem, silic, gran soft fria to sub fria, inter gran por, blk gilson stain, brn oil smears on brk, tr gas bubs, nodor

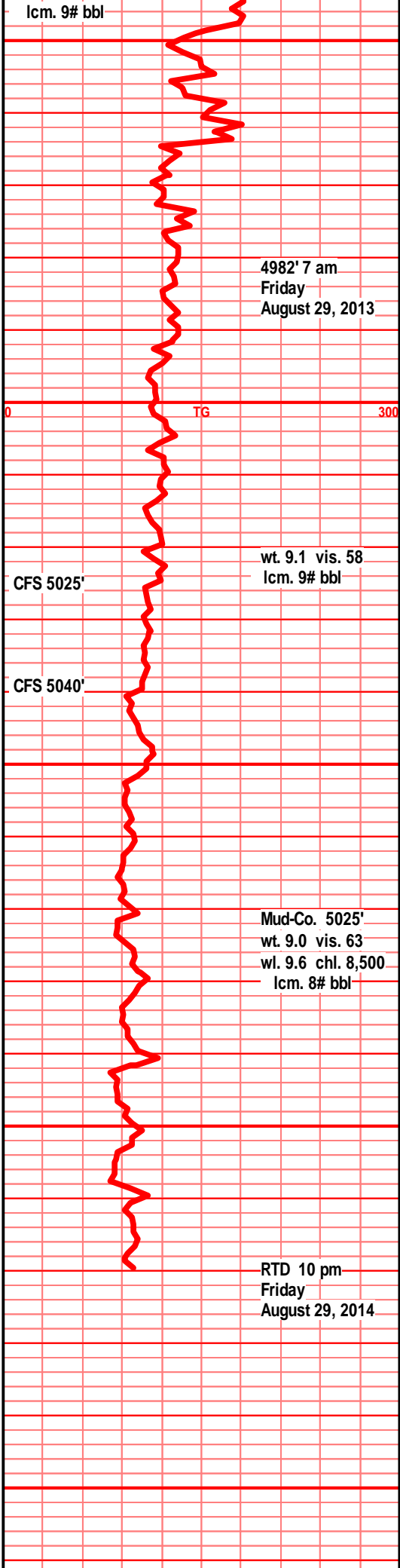
sst off wht/cclr semi frosted clstrs, f grnd, sub rded grns, w/srted, fria, prly cem, gran gd inter grn por, tr brn oil smears, tr gas bubs, nodor, sst wht off wht clstrs, f grnd, sub rded grns, w/srted, w/cem, silic cem, blk ang hrd clstrs, sub fria, hvy glau fill, NS

shl gry drk gry green, teal green, fnly silty, slick wxy text

shl gry drk gry green, teal green, fnly silty, wxy grsy text, pyritic, snd grn inclu

shl gry drk gry green, teal green, fnly silty, fn grnd snd grn inclu, pyritic

shl gry drk gry green teal green fnly silty, pyritic, snd grn inclu,

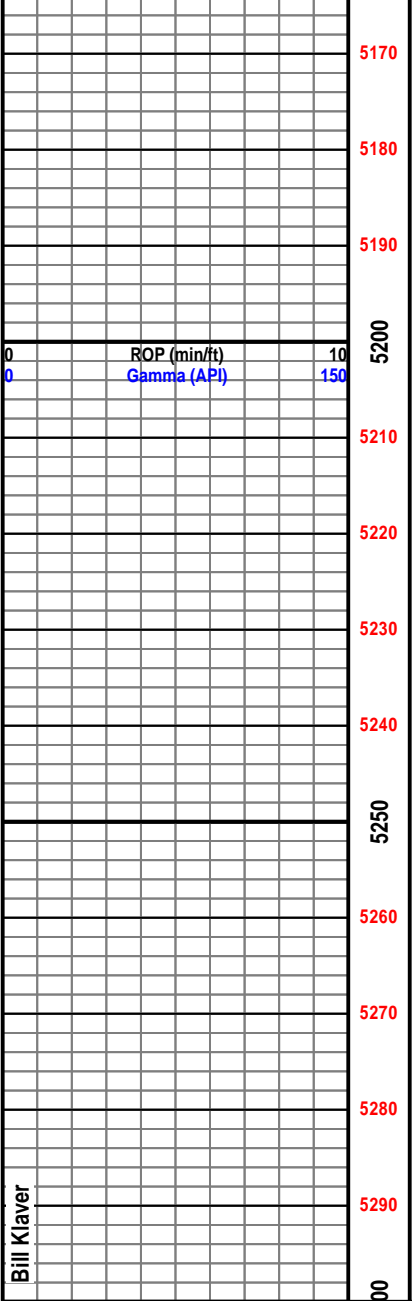


4982' 7 am
 Friday
 August 29, 2013

wt. 9.1 vis. 58
 lcm. 9# bbl

Mud-Co. 5025'
 wt. 9.0 vis. 63
 wl. 9.6 chl. 8,500
 lcm. 8# bbl

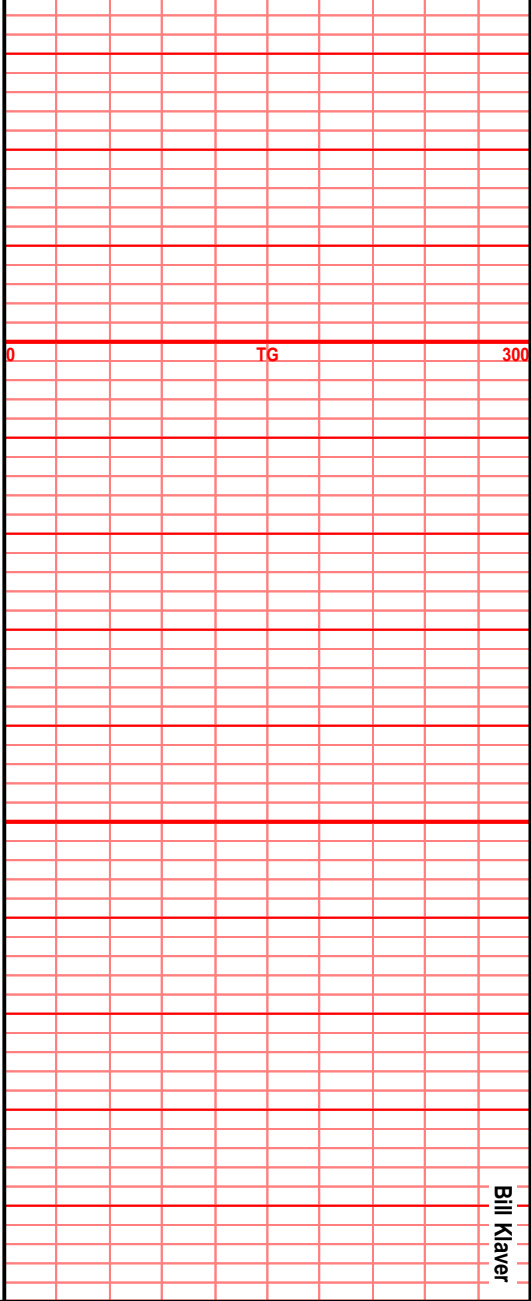
RTD 10 pm
 Friday
 August 29, 2014



Bill Klaver

00

Woolsey Operating Company
Tucker 'B' GU #6
1980' FNL & 1980' FEL
Sec. 11 - T34S - R11W
Roundup South Field
Barber County, Kansas
GL 1392' KB 1404'
AP # 15-007-24124-0000



Bill Klaver