KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1063464

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33168
Name: Woolsey Operating Company, LLC
Address 1: 125 N MARKET STE 1000
Address 2:
City: WICHITA State: KS Zip: 67202 + 1729
Contact Person: DEAN PATTISSON
Phone: (316) 267-4379
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: BILL KLAVER
Purchaser: PLAINS MARKETING / BLUESTEM GAS MARKETING

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [ ] ENHR
- [ ] SIGW
- [x] 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
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

05/18/2011	05/28/2011	06/29/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23707-00-00
Spot Description:
E2 - NW - NE - NW Sec. 31 Twp. 34 S. R. 11 [ ] East [x] West
330 Feet from [x] North / [ ] South Line of Section
1930 Feet from [ ] East / [x] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [x] NW [ ] SE [ ] SW
County: Barber
Lease Name: MILLER Well #: 7
Field Name: STRANATHAN
Producing Formation: MISSISSIPPIAN
Elevation: Ground: 1394 Kelly Bushing: 1405
Total Depth: 5316 Plug Back Total Depth: 5092
Amount of Surface Pipe Set and Cemented at: 220 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 18000 ppm Fluid volume: 1600 bbls
Dewatering method used: Evaporated
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

- [x] **Letter of Confidentiality Received**
  Date: 09/15/2011
- [x] **Confidential Release Date:** 09/14/2013
- [x] **Wireline Log Received**
- [x] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [x] I [ ] II [ ] III **Approved by:** NAOMI JAMES **Date:** 09/16/2011

Side Two

1063464

Operator Name: Woolsey Operating Company, LLC Lease Name: MILLER Well #: 7

Sec. 31 Twp. 34 S. R. 11 ☐ East ☑ West County: Barber

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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
Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Compensated Density/Comp Neutron PE
Dual Induction

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

Name	Top	Datum
CHASE	1862	-457
DOUGLAS	3813	-2408
SWOPE	4474	-3069
MISSISSIPPIAN	4720	-3315
SIMPSON	5202	-3797

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	14.75	10.75	32.75	220	CLASS A	240	2% gel, 3% cc
PRODUCTION	7.875	5.5	15.5	5136	60/40 POZMIX	50	4% gel, 1/4# Celoflake
PRODUCTION	7.875	5.5	15.5	5136	CLASS H	140	10% salt, 10% Gypseal, 6# Kolseal, 1/4#

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	-			
	-			

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	4713-4716, 4731-4752 & 4768-4804	2850 GAL 10% MIRA ACID	4713-4804 OA
2	4720-4726	551,300 gal treated FW, 168,500# 30/70 sd,	
		60,800# 16/30 sd & 17,500# 16/30 resin coated sd	4713-4804 OA

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

Date of First, Resumed Production, SWD or ENHR. 07/19/2011

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15	85	200	5667	24

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:
4713-4804 OA

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

September 15, 2011

DEAN PATTISSON
Woolsey Operating Company, LLC
125 N MARKET STE 1000
WICHITA, KS 67202-1729

Re: ACO1
API 15-007-23707-00-00
MILLER 7
NW/4 Sec.31-34S-11W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
DEAN PATTISSON

ALLIED CEMENTING CO., LLC. 040088

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Medicine Lodge KS

DATE 05-19-11	SEC. 31	TWP. 34S	RANGE 11W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 1:45AM
LEASE Miller	WELL # 7		LOCATION US 281 & Rattlesnake Rd, 1/2 E, S/into			COUNTY Barber	STATE KS
OLD OR (NEW) (Circle one)							

CONTRACTOR Duke #10
TYPE OF JOB Surface
HOLE SIZE 14 3/4 T.D. 220
CASING SIZE 10 3/4 DEPTH 203 + 13' x 8 5/8"
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 250 MINIMUM —
MEAS. LINE SHOE JOINT N/A
CEMENT LEFT IN CSG. 20'
PERFS.
DISPLACEMENT 19 1/4 Bbls Fresh H2O

OWNER Woolsey Oper.

CEMENT

AMOUNT ORDERED 240 sx class A + 3% cc + 2% gel

EQUIPMENT

PUMP TRUCK #352 CEMENTER D. Felix
HELPER R. Grilley
BULK TRUCK #356-250 DRIVER D. Elam
BULK TRUCK # DRIVER

COMMON	Class A 240sx	@ 16.25	3900.00
POZMIX		@	
GEL	5sx	@ 21.25	106.25
CHLORIDE	9sx	@ 58.20	523.80
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	254	@ 2.25	571.50
MILEAGE	15/254/.11		419.10
		TOTAL	5520.65

REMARKS:

Pipe on Bttm, Break Circ. w/truck, Mix 240 sx A 3%2 cement, Start Disp. w/ Fresh H2O, Wash up truck, See Steady increase in PSI, Slow Rate, Stop Pump at 19 1/4 Bbls total Disp., Shut in, Cement Did Circ.

SERVICE

DEPTH OF JOB	216'		1125.00
PUMP TRUCK CHARGE			
EXTRA FOOTAGE		@	
MILEAGE	30	@ 7.00	210.00
MANIFOLD	N/A	@ N/C	
Light Vehicle	30	@ 4.00	120.00
		@	
		TOTAL	1455.00

CHARGE TO: Woolsey Oper.
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

NONE		@	
		@	
		@	
		@	
		@	
		TOTAL	

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

To Allied Cementing Co., 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.

PRINTED NAME Alejandro Ordonez

SIGNATURE Alejandro Ordonez

ALLIED CEMENTING CO., LLC. 040205

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge KS

						5-29	5-29
DATE 5-28-11	SEC. 31	TWP. 34S	RANGE 11W	CALLED OUT 3:00 pm	ON LOCATION 5:00pm	JOB START 1:15 AM	JOB FINISH 2:15 AM
LEASE Miller	WELL # 7	LOCATION 281 & Rattlesnake Trail				COUNTY Barber	STATE KS
OLD OR NEW (Circle one)		½ east, S into					

CONTRACTOR Duke #10
TYPE OF JOB Production
HOLE SIZE 7⅞ T.D. 5315
CASING SIZE 5½ DEPTH 5150'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 43'
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT 122 bbls of 2% KCL water

OWNER Woolsey Operating

CEMENT

AMOUNT ORDERED 905x 60:40:4% Gel
1405x Class H + 10% Gyp + 10% Salt
6# Kolseal + ¼# Flosseal + .8% FL160

COMMON Class A	54sx @	16.25	877.50
POZMIX	36sx @	8.50	306.00
GEL	3 @	21.25	63.75
CHLORIDE	@		
ASC	@		
Class H	140sx @	19.25	2695.00
Gypseal	14sx @	34.20	478.80
Salt	15sx @	23.95	359.25
Kolseal	840# @	.89	747.60
FL-160	105# @	17.20	1806.00
Floseal	35# @	2.70	94.50
	@		
	@		
HANDLING 284	@	2.25	639.00
MILEAGE 15/284/.11			468.00
		TOTAL	8536.00

EQUIPMENT

PUMP TRUCK CEMENTER Darin F.
#360-265 HELPER Ron G
BULK TRUCK
#363-290 DRIVER Dave F.
BULK TRUCK
DRIVER

REMARKS:

Pipe on bottom & break circulation, mix 30sx cement for RatHole, mix 20sx for mouse hole, mix 90sx Scavenge Cement, mix 140sx tail Cement, Shut down, Wash Pump & lines, Release Plug, Start displacement Lift pressure @ 90 bbls, Slow rate to 3bpm @ 115 bbls, Bump plug @ 122 bbls 1000 1700 psi, Float did hold

SERVICE

DEPTH OF JOB 5150'

PUMP TRUCK CHARGE			2695.00
EXTRA FOOTAGE	@		
MILEAGE	30 @	7.00	210.00
MANIFOLD	@		
Hoses rental	@		200.00
Light Vehicle	30 @	4.00	120.00
	TOTAL		3225.00

CHARGE TO: Woolsey Operating
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

5½

1-AFU Floc & Shoe	@		349.00
1-Latch Down Plug	@		277.00
11-Turbolizers	@	80.00	880.00
20-Scratchers	@	76.00	1520.00
	@		
	TOTAL		3026.00

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

To Allied Cementing Co., 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.

PRINTED NAME X MIKE THARP
SIGNATURE X

Thank you !!!

Woolsey Operating Company, LLC

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

Well Name:	MIller #7		
Location:	Section 31 Township 34 South - Range 11 West		
License Number:	15-007-23707-0000	**Region:**	Barber County, KS
Spud Date:	May 18, 2011	**Drilling Completed:**	May 28, 2011
Surface Coordinates:	330' FNL, 1930' FWL or Approx. N 1/2 NE NW		
	Field: Stranathan		
Bottom Hole Coordinates:	Verticle Hole		
Ground Elevation (ft):	1394'	**K.B. Elevation (ft):**	1405'
Logged Interval (ft):	4000' **To:** 5315'	**Total Depth (ft):**	5315'
Formation:	Douglas Group ----> Simpson Group		
Type of Drilling Fluid:	Chemical Mud displaced at 3367'		

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: Set 5 joints 10 3/4" X 32.75#/ft new casing at 220' KB with 240 sx Class A, 2% gel, 3% cc. Cement did circulate. Plug down 1:45 am on May 15, 2011.
Production Casing: 5 1/2" X 17.5#/ft

Deviation Surveys: 1 at 220', 1/4 at 1178', 1/2 at 1707', 1/2 at 2212', 3/4 at 2711', 1 at 3738', 1 at 4206', 1 at 4707', 1 at 5315'
Pipe Strap: None taken
Duke Drilling Rig 10 Bit Record:
#1 14 3/4" HTC RR in at 0' out at 220'. 220' in 3 3/4 hours
#2 7 7/8 Varel HE-21 in at 220' out at 5315', 5095' in 155 1/2 hours. Average penetration of 32.7' ft/hour.

Gas Detector: Woolsey Operating Co. Gas Trailer #2
Mud System: Mud-Co. Brad Bortz, Aaron Rush, Engineers
DSTs: No tests were ran.
OH Logs: Superior Well Service, Dual Induction Laterolog w/SP, CNL-FDC w/PE, GR & Caliper. Jason Cappellucci, Engineer.

DSTs

No formation tests were ran.

CREWS

Joe Livingston, Tool Pusher
Scott Edwards, Days
Colby Crawford, Evening
Alex Ordonez, Morning
Ron Burns, Relief

ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl
- Sdy dolo
- Shy dolo
- Dol
- Gyp
- Sdy lmst
- Lmst
- Mrlst
- Salt
- Shale
- Sltst
- Ss
- Black sh
- Gry sh
- Shale
- Shysltst
- Sltysh

ACCESSORIES

MINERAL

- Anhy
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Ferrpel
- Ferr
- Glau
- Gyp
- Marl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Chlorite
- Dol
- Sand
- Slty

FOSSIL

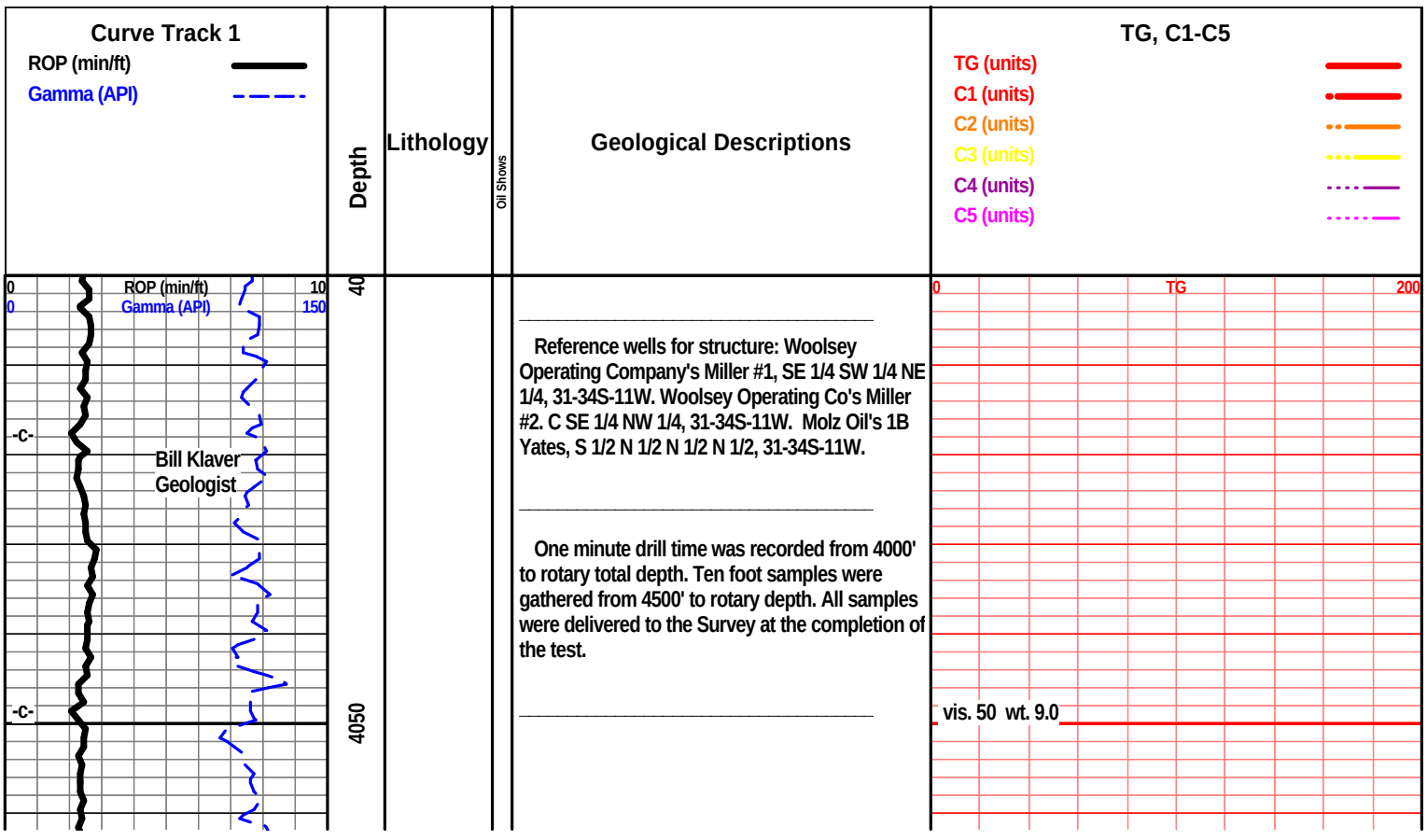
- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomoldic

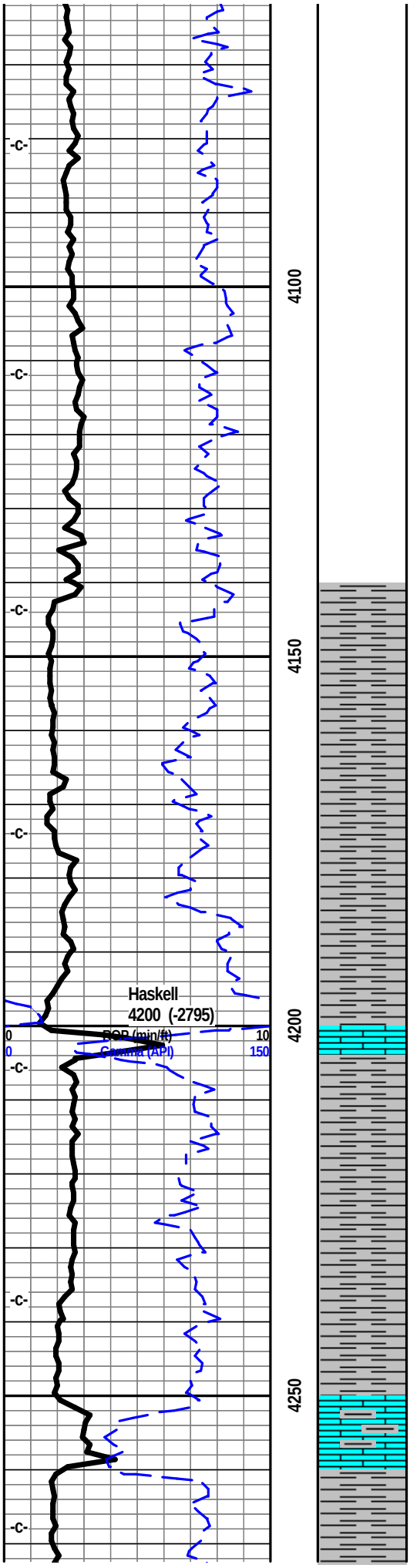
STRINGER

- 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





7 am Progress:
May 18, 2011 MIRT
May 19, 2011 WOC, plug down 1:45 am
May 20, 2011 Drilling at 1550'
May 21, 2011 Drilling at 2380'
May 22, 2011 Drilling at 3063'
May 23, 2011 Drilling at 3652'
May 24, 2011 Drilling at 4215'
May 25, 2011 Short trip at 4614'
May 26, 2011 Drilling at 4895'
May 27, 2011 Drilling at 5184'
May 28, 2011 TOOH for logs at 5315'

E-Log Tops:
Herington 1862 (-457)
Onaga 2713 (-1308)
Wabaunsee 2775 (-1370)
LeCompton 3554 (-2149)
Kanwaka 3574 (-2169)
Elgin Sand 3643 (-2238)
Heebner 3777 (-2372)
Toronto 3787 (-2382)
Douglas Group 3812 (-2407)
Douglas Shale 3879 (-2474)
Haskell 4202 (-2797)
Quindaro 4294 (-2889)
Kansas City 'F' 4315 (-2910)
Kansas City 'Iola' 4342 (-2937)
Dennis 4421 (-3016)
Stark 4463 (-3058)
Swope 4473 (-3068)
Hushpuckney 4493 (-3088)
Hertha 4510 (-3105)
B/Kansas City 4543 (-3138)
Pawnee 4642 (-3237)
Cherokee Grp 4686 (-3281)
Cherokee Sand 4712 (-3307)
Mississippi 4719 (-3314)
C3 4730 (-3325)
C2A 4763 (-3358)
C2 4795 (-3390)
C1 4893 (-3488)
Osage 4927 (-3522)
Northview Shale 4942 (-3537)
Compton 4945 (-3540)
Kinderhook 4955 (-3550)
Woodford 5034 (-3629)
Viola 5064 (-3659)
Simpson Group 5201 (-3796)
Wilcox 5232 (-3827)

vis. 50 wt. 9.2

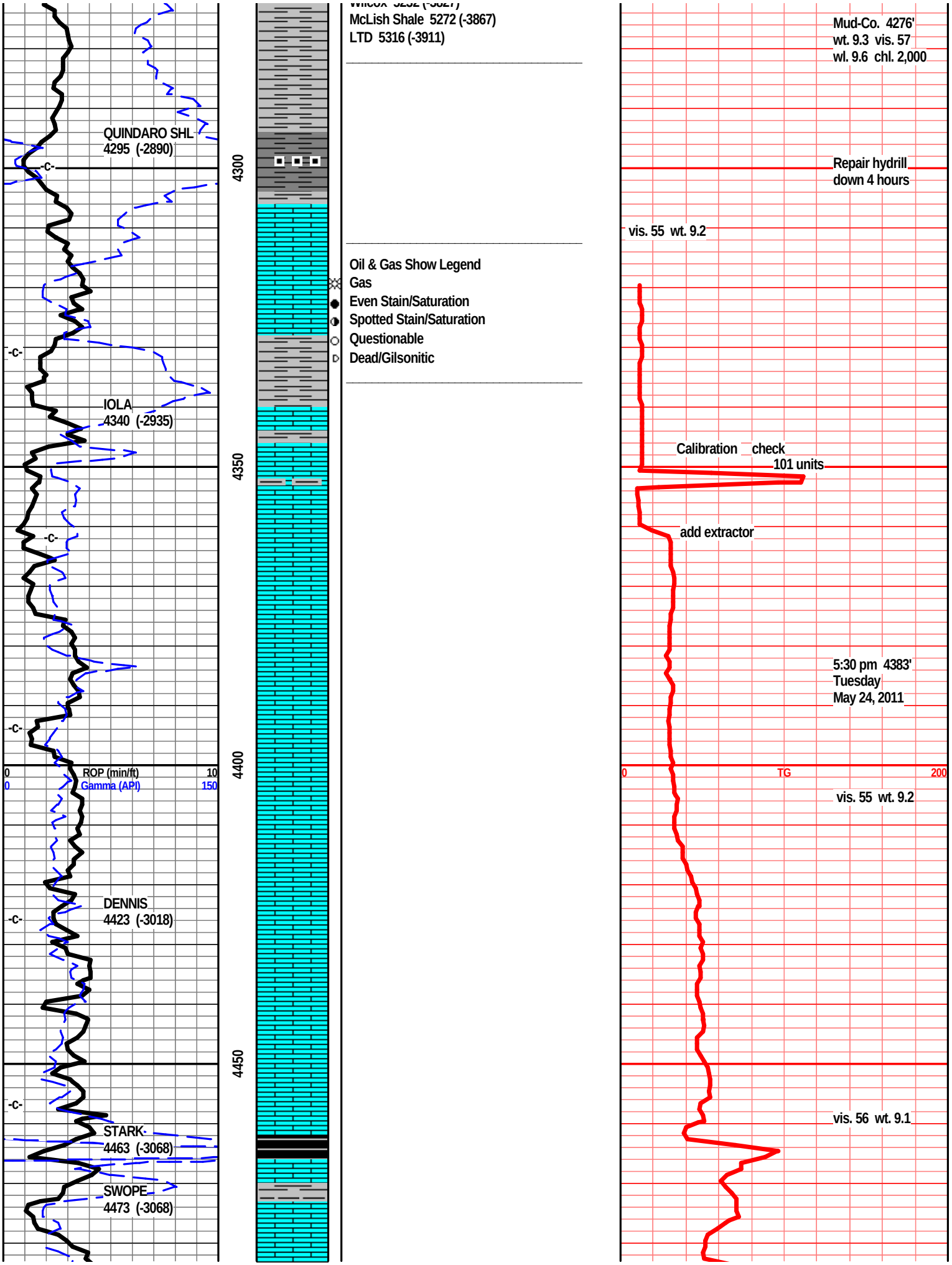
vis. 50 wt. 9.1

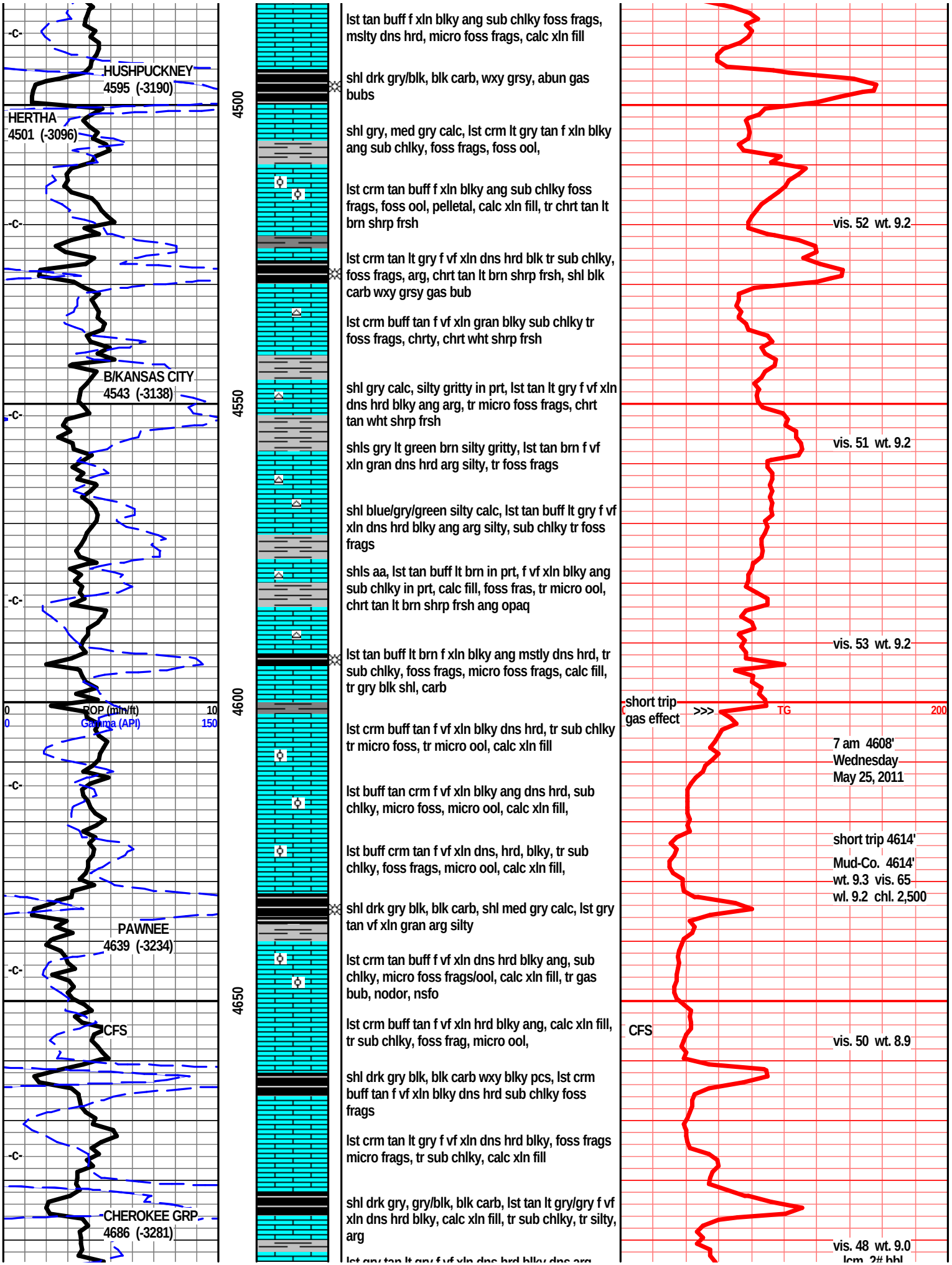
0 TG 200

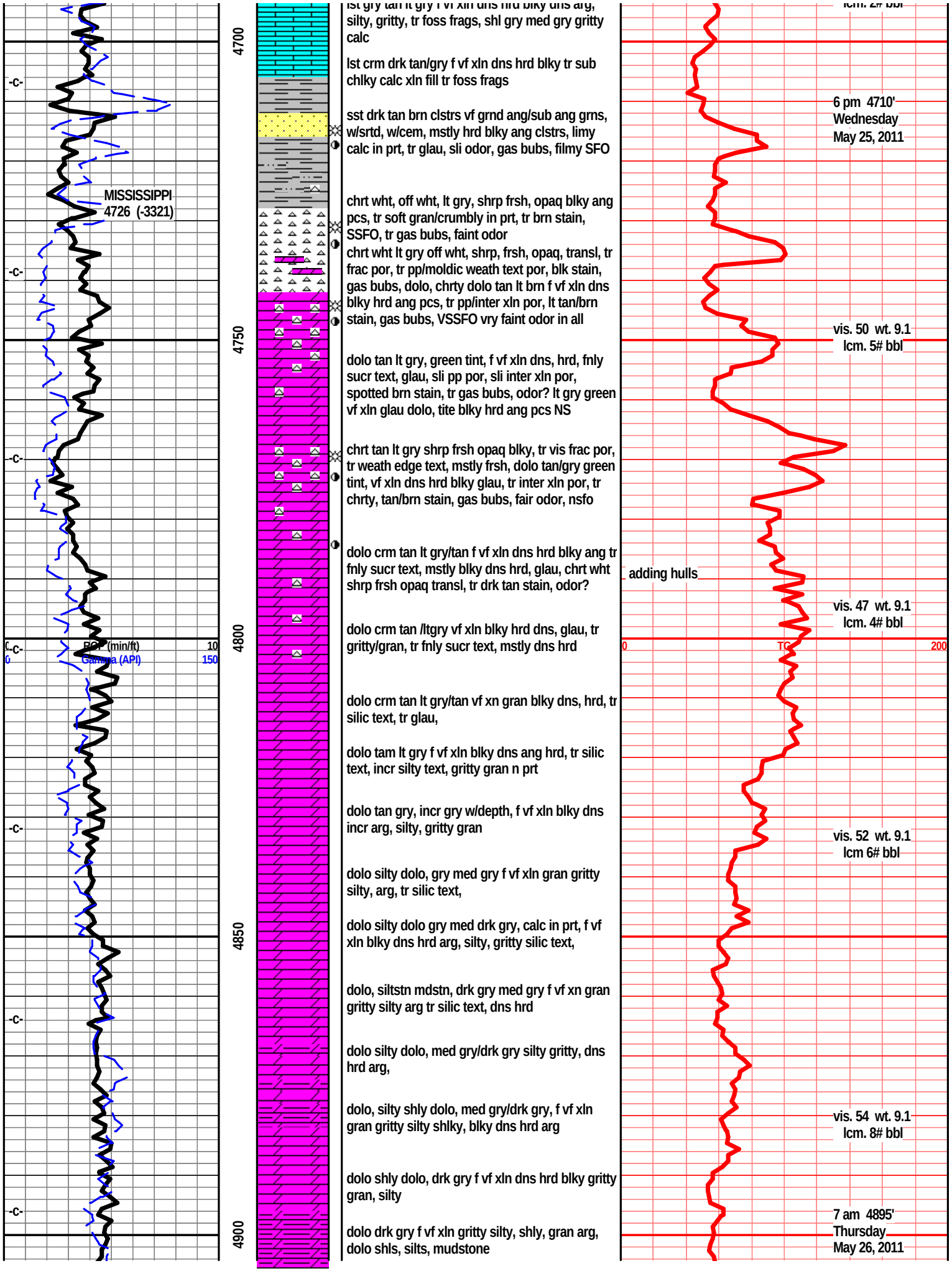
vis. 53 wt. 9.2

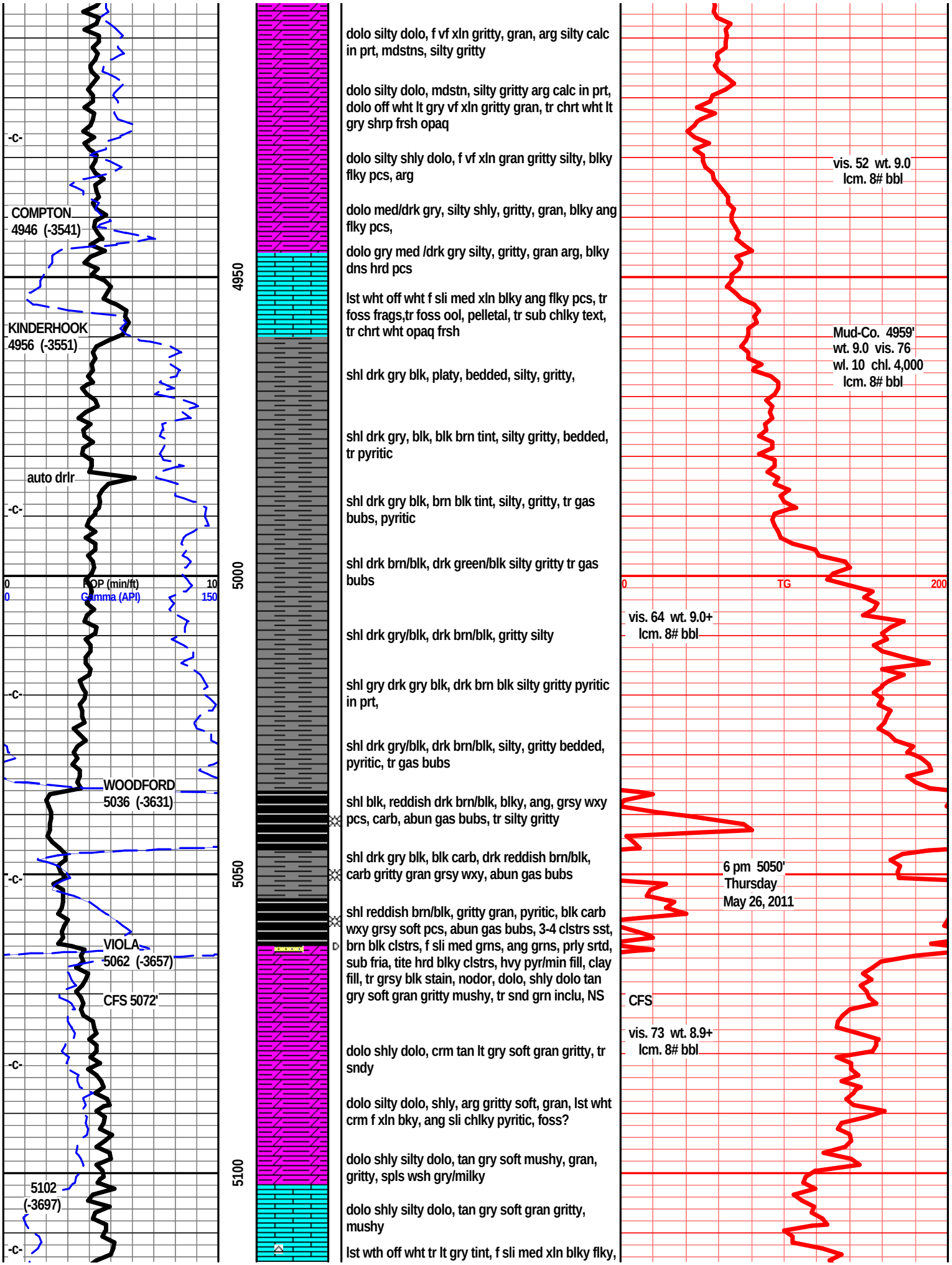
7 am 4225'
Tuesday
May 24, 2011

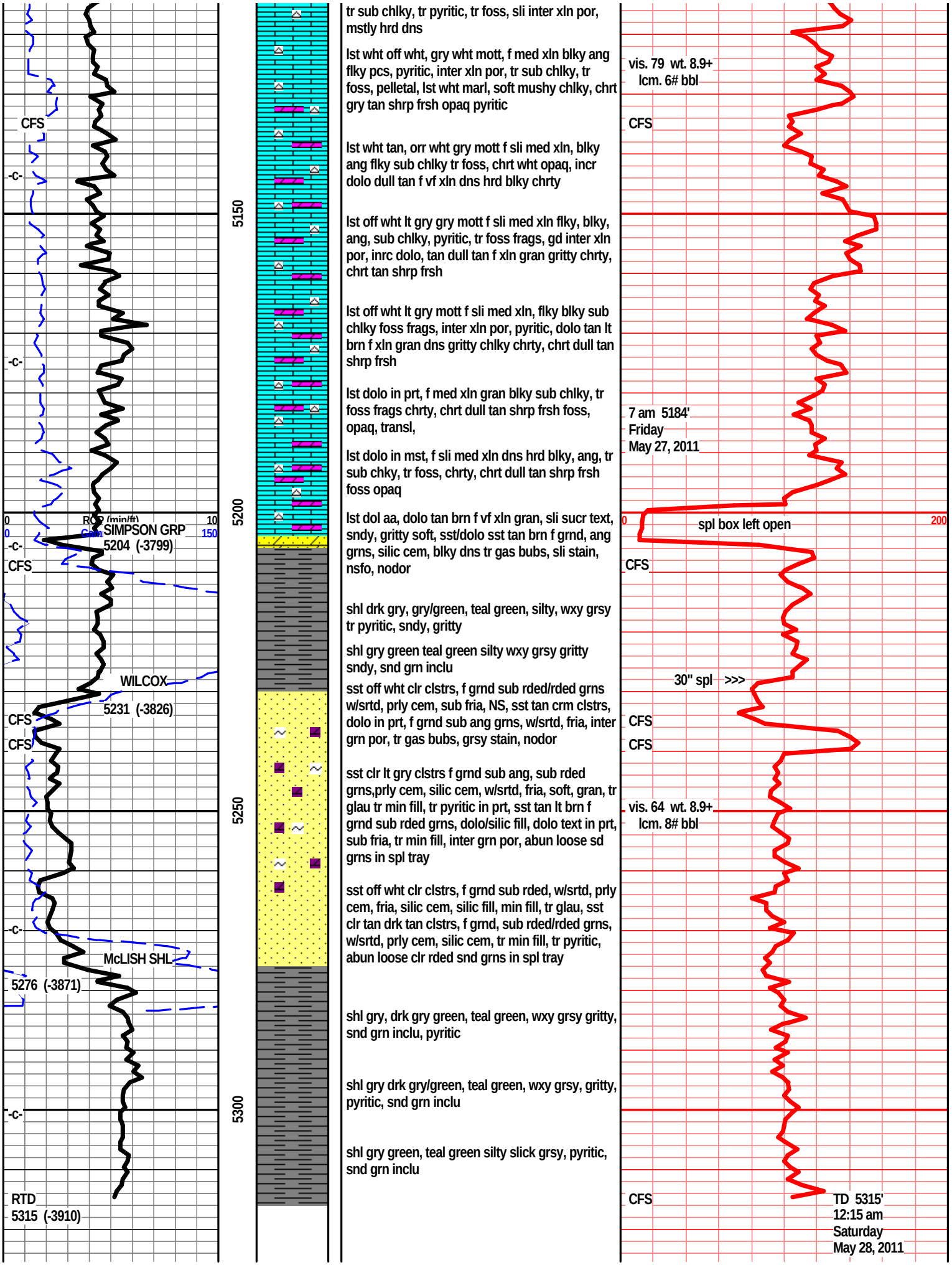
vis. 52 wt. 9.1

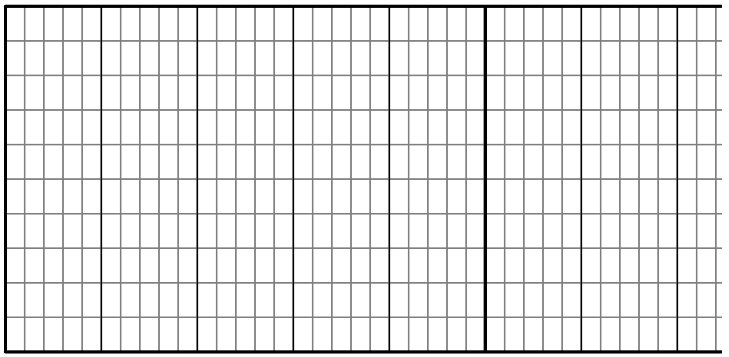

McLish Shale 5272 (-3867)
LTD 5316 (-3911)
Oil & Gas Show Legend
Gas
Even Stain/Saturation
Spotted Stain/Saturation
Questionable
Dead/Gilsonitic
QUINDARO SHL
4295 (-2890)
IOLA
4340 (-2935)
DENNIS
4423 (-3018)
STARK
4463 (-3068)
SWOPE
4473 (-3068)
-C-
4300
4350
4400
4450
0
ROP (min/ft)
10
0
Gamma (API)
150
Mud-Co. 4276'
wt. 9.3 vis. 57
wl. 9.6 chl. 2,000
Repair hydrill
down 4 hours
vis. 55 wt. 9.2
Calibration check
101 units
add extractor
5:30 pm 4383'
Tuesday
May 24, 2011
0
TG
200
vis. 55 wt. 9.2
vis. 56 wt. 9.1


-c-
HUSHPUCKNEY
4595 (-3190)
HERTHA
4501 (-3096)
-c-
B/KANSAS CITY
4543 (-3138)
-c-
-c-
0
ROP (min/ft)
10
0
Gamma (API)
150
-c-
PAWNEE
4639 (-3234)
-c-
CFS
-c-
CHEROKEE GRP
4686 (-3281)
4500
4550
4600
4650
lst tan buff f xln blky ang sub chlky foss frags, mslty dns hrd, micro foss frags, calc xln fill
shl drk gry/blk, blk carb, wxy grsy, abun gas bubs
shl gry, med gry calc, lst crm lt gry tan f xln blky ang sub chlky, foss frags, foss ool,
lst crm tan buff f xln blky ang sub chlky foss frags, foss ool, pelletal, calc xln fill, tr chrt tan lt brn shrp frsh
lst crm tan lt gry f vf xln dns hrd blk tr sub chlky, foss frags, arg, chrt tan lt brn shrp frsh, shl blk carb wxy grsy gas bub
lst crm buff tan f vf xln gran blky sub chlky tr foss frags, chrty, chrt wht shrp frsh
shl gry calc, silty gritty in prt, lst tan lt gry f vf xln dns hrd blky ang arg, tr micro foss frags, chrt tan wht shrp frsh
shls gry lt green brn silty gritty, lst tan brn f vf xln gran dns hrd arg silty, tr foss frags
shl blue/gry/green silty calc, lst tan buff lt gry f vf xln dns hrd blky ang arg silty, sub chlky tr foss frags
shls aa, lst tan buff lt brn in prt, f vf xln blky ang sub chlky in prt, calc fill, foss fras, tr micro ool, chrt tan lt brn shrp frsh ang opaq
lst tan buff lt brn f xln blky ang mstly dns hrd, tr sub chlky, foss frags, micro foss frags, calc fill, tr gry blk shl, carb
lst crm buff tan f vf xln blky dns hrd, tr sub chlky tr micro foss, tr micro ool, calc xln fill
lst buff tan crm f vf xln blky ang dns hrd, sub chlky, micro foss, micro ool, calc xln fill,
lst buff crm tan f vf xln dns, hrd, blky, tr sub chlky, foss frags, micro ool, calc xln fill,
shl drk gry blk, blk carb, shl med gry calc, lst gry tan vf xln gran arg silty
lst crm tan buff f vf xln dns hrd blky ang, sub chlky, micro foss frags/ool, calc xln fill, tr gas bub, nodor, nsfo
lst crm buff tan f vf xln hrd blky ang, calc xln fill, tr sub chlky, foss frag, micro ool,
shl drk gry blk, blk carb wxy blky pcs, lst crm buff tan f vf xln blky dns hrd sub chlky foss frags
lst crm tan lt gry f vf xln dns hrd blky, foss frags micro frags, tr sub chlky, calc xln fill
shl drk gry, gry/blk, blk carb, lst tan lt gry/gry f vf xln dns hrd blky, calc xln fill, tr sub chlky, tr silty, arg
vis. 52 wt. 9.2
vis. 51 wt. 9.2
vis. 53 wt. 9.2
short trip
gas effect
>>>
TG
200
7 am 4608'
Wednesday
May 25, 2011
short trip 4614'
Mud-Co. 4614'
wt. 9.3 vis. 65
wl. 9.2 chl. 2,500
CFS
vis. 50 wt. 8.9
vis. 48 wt. 9.0
lcm 2# bbl


MISSISSIPPI
4726 (-3321)
ROP (min/ft)
10
Gamma (API)
150
4700
4750
4800
4850
4900
lst gry tan lt gry f vf xln dns hrd blky dns arg, silty, gritty, tr foss frags, shl gry med gry gritty calc
lst crm drk tan/gry f vf xln dns hrd blky tr sub chlky calc xln fill tr foss frags
sst drk tan brn clstrs vf grnd ang/sub ang grns, w/srtd, w/cem, mstly hrd blky ang clstrs, limy calc in prt, tr glau, sli odor, gas bubs, filmy SFO
chrt wht, off wht, lt gry, shrp frsh, opaq blky ang pcs, tr soft gran/crumbly in prt, tr brn stain, SSFO, tr gas bubs, faint odor
chrt wht lt gry off wht, shrp, frsh, opaq, transl, tr frac por, tr pp/moldic weath text por, blk stain, gas bubs, dolo, chrty dolo tan lt brn f vf xln dns blky hrd ang pcs, tr pp/inter xln por, lt tan/brn stain, gas bubs, VSSFO vry faint odor in all
dolo tan lt gry, green tint, f vf xln dns, hrd, fnly sucr text, glau, sli pp por, sli inter xln por, spotted brn stain, tr gas bubs, odor? lt gry green vf xln glau dolo, tite blky hrd ang pcs NS
chrt tan lt gry shrp frsh opaq blky, tr vis frac por, tr weath edge text, mstly frsh, dolo tan/gry green tint, vf xln dns hrd blky glau, tr inter xln por, tr chrty, tan/brn stain, gas bubs, fair odor, nsfo
dolo crm tan lt gry/tan f vf xln dns hrd blky ang tr fnly sucr text, mstly blky dns hrd, glau, chrt wht shrp frsh opaq transl, tr drk tan stain, odor?
dolo crm tan /ltgry vf xln blky hrd dns, glau, tr gritty/gran, tr fnly sucr text, mstly dns hrd
dolo crm tan lt gry/tan vf xn gran blky dns, hrd, tr silic text, tr glau,
dolo tam lt gry f vf xln blky dns ang hrd, tr silic text, incr silty text, gritty gran n prt
dolo tan gry, incr gry w/depth, f vf xln blky dns incr arg, silty, gritty gran
dolo silty dolo, gry med gry f vf xln gran gritty silty, arg, tr silic text,
dolo silty dolo gry med drk gry, calc in prt, f vf xln blky dns hrd arg, silty, gritty silic text,
dolo, siltstn mdstn, drk gry med gry f vf xn gran gritty silty arg tr silic text, dns hrd
dolo silty dolo, med gry/drk gry silty gritty, dns hrd arg,
dolo, silty shly dolo, med gry/drk gry, f vf xln gran gritty silty shlky, blky dns hrd arg
dolo shly dolo, drk gry f vf xln dns hrd blky gritty gran, silty
dolo drk gry f vf xln gritty silty, shly, gran arg, dolo shls, silts, mudstone
lcm. 2# bbl
6 pm 4710'
Wednesday
May 25, 2011
vis. 50 wt. 9.1
lcm. 5# bbl
adding hulls
vis. 47 wt. 9.1
lcm. 4# bbl
0
TG
200
vis. 52 wt. 9.1
lcm 6# bbl
vis. 54 wt. 9.1
lcm. 8# bbl
7 am 4895'
Thursday
May 26, 2011


-c-
COMPTON
4946 (-3541)
KINDERHOOK
4956 (-3551)
auto drlr
-c-
0
0
ROP (min/ft)
Gamma (API)
10
150
-c-
WOODFORD
5036 (-3631)
-c-
VIOLA
5062 (-3657)
CFS 5072'
-c-
5102
(-3697)
-c-
4950
5000
5050
5100
dolo silty dolo, f vf xln gritty, gran, arg silty calc in prt, mdstns, silty gritty
dolo silty dolo, mdstn, silty gritty arg calc in prt, dolo off wht lt gry vf xln gritty gran, tr chrt wht lt gry shrp frsh opaq
dolo silty shly dolo, f vf xln gran gritty silty, blky flky pcs, arg
dolo med/drk gry, silty shly, gritty, gran, blky ang flky pcs,
dolo gry med /drk gry silty, gritty, gran arg, blky dns hrd pcs
lst wht off wht f sli med xln blky ang flky pcs, tr foss frags,tr foss ool, pelletal, tr sub chlky text, tr chrt wht opaq frsh
shl drk gry blk, platy, bedded, silty, gritty,
shl drk gry, blk, blk brn tint, silty gritty, bedded, tr pyritic
shl drk gry blk, brn blk tint, silty, gritty, tr gas bubs, pyritic
shl drk brn/blk, drk green/blk silty gritty tr gas bubs
shl drk gry/blk, drk brn/blk, gritty silty
shl gry drk gry blk, drk brn blk silty gritty pyritic in prt,
shl drk gry/blk, drk brn/blk, silty, gritty bedded, pyritic, tr gas bubs
shl blk, reddish drk brn/blk, blky, ang, grsy wxy pcs, carb, abun gas bubs, tr silty gritty
shl drk gry blk, blk carb, drk reddish brn/blk, carb gritty gran grsy wxy, abun gas bubs
shl reddish brn/blk, gritty gran, pyritic, blk carb wxy grsy soft pcs, abun gas bubs, 3-4 clstrs sst, brn blk clstrs, f sli med grns, ang grns, prly srtd, sub fria, tite hrd blky clstrs, hvy pyr/min fill, clay fill, tr grsy blk stain, nodor, dolo, shly dolo tan gry soft gran gritty mushy, tr snd grn inclu, NS
dolo shly dolo, crm tan lt gry soft gran gritty, tr sndy
dolo silty dolo, shly, arg gritty soft, gran, lst wht crm f xln bky, ang sli chlky pyritic, foss?
dolo shly silty dolo, tan gry soft mushy, gran, gritty, spls wsh gry/milky
dolo shly silty dolo, tan gry soft gran gritty, mushy
lst wth off wht tr lt gry tint, f sli med xln blky flky,
vis. 52 wt. 9.0
lcm. 8# bbl
Mud-Co. 4959'
wt. 9.0 vis. 76
wl. 10 chl. 4,000
lcm. 8# bbl
0
TG
200
vis. 64 wt. 9.0+
lcm. 8# bbl
6 pm 5050'
Thursday
May 26, 2011
CFS
vis. 73 wt. 8.9+
lcm. 8# bbl


CFS
-c-
-c-
0
ROP (min/ft)
10
0
Gam
150
SIMPSON GRP
5204 (-3799)
-c-
CFS
WILCOX
5231 (-3826)
CFS
CFS
-c-
McLISH SHL
5276 (-3871)
-c-
RTD
5315 (-3910)
5150
5200
5250
5300
tr sub chlky, tr pyritic, tr foss, sli inter xln por, mstly hrd dns
lst wht off wht, gry wht mott, f med xln blky ang flky pcs, pyritic, inter xln por, tr sub chlky, tr foss, pelletal, lst wht marl, soft mushy chlky, chrt gry tan shrp frsh opaq pyritic
lst wht tan, orr wht gry mott f sli med xln, blky ang flky sub chlky tr foss, chrt wht opaq, incr dolo dull tan f vf xln dns hrd blky chrty
lst off wht lt gry gry mott f sli med xln flky, blky, ang, sub chlky, pyritic, tr foss frags, gd inter xln por, inrc dolo, tan dull tan f xln gran gritty chrty, chrt tan shrp frsh
lst off wht lt gry mott f sli med xln, flky blky sub chlky foss frags, inter xln por, pyritic, dolo tan lt brn f xln gran dns gritty chlky chrty, chrt dull tan shrp frsh
lst dolo in prt, f med xln gran blky sub chlky, tr foss frags chrty, chrt dull tan shrp frsh foss, opaq, transl,
lst dolo in mst, f sli med xln dns hrd blky, ang, tr sub chky, tr foss, chrty, chrt dull tan shrp frsh foss opaq
lst dol aa, dolo tan brn f vf xln gran, sli sucr text, sndy, gritty soft, sst/dolo sst tan brn f grnd, ang grns, silic cem, blky dns tr gas bubs, sli stain, nsfo, nodor
shl drk gry, gry/green, teal green, silty, wxy grsy tr pyritic, sndy, gritty
shl gry green teal green silty wxy grsy gritty sndy, snd grn inclu
sst off wht clr clstrs, f grnd sub rded/rded grns w/srtd, prly cem, sub fria, NS, sst tan crm clstrs, dolo in prt, f grnd sub ang grns, w/srtd, fria, inter grn por, tr gas bubs, grsy stain, nodor
sst clr lt gry clstrs f grnd sub ang, sub rded grns,prly cem, silic cem, w/srtd, fria, soft, gran, tr glau tr min fill, tr pyritic in prt, sst tan lt brn f grnd sub rded grns, dolo/silic fill, dolo text in prt, sub fria, tr min fill, inter grn por, abun loose sd grns in spl tray
sst off wht clr clstrs, f grnd sub rded, w/srtd, prly cem, fria, silic cem, silic fill, min fill, tr glau, sst clr tan drk tan clstrs, f grnd, sub rded/rded grns, w/srtd, prly cem, silic cem, tr min fill, tr pyritic, abun loose clr rded snd grns in spl tray
shl gry, drk gry green, teal green, wxy grsy gritty, snd grn inclu, pyritic
shl gry drk gry/green, teal green, wxy grsy, gritty, pyritic, snd grn inclu
shl gry green, teal green silty slick grsy, pyritic, snd grn inclu
vis. 79 wt. 8.9+
lcm. 6# bbl
CFS
7 am 5184'
Friday
May 27, 2011
0
spl box left open
200
CFS
30" spl >>>
CFS
CFS
vis. 64 wt. 8.9+
lcm. 8# bbl
CFS
TD 5315'
12:15 am
Saturday
May 28, 2011


00
5350