

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: VINCENT OIL CORP. SELOR #1-17
Location: NW SW NE NE SEC. 17 - T29S - R24W, FORD CO. KANSAS
License Number: 15-057-20910-00-00
Spud Date: 09/03/13
Surface Coordinates: 790' FNL, 1,075' FEL
Region: WILDCAT
Drilling Completed: 09/13/13

Bottom Hole Coordinates:

Ground Elevation (ft): 2,577' K.B. Elevation (ft): 2,587'
Logged Interval (ft): 4,200' To: 5,335' Total Depth (ft): 5,335'
Formation: RTD IN; MISSISSIPPI
Type of Drilling Fluid: Native Mud to 3,777'. Chem. Gel. to RTD.

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

OPERATOR

Company: Vincent Oil Corporation
Address: 155 N. Market, Ste., 700
Wichita, Kansas 67202-1821
(316)-262-3573

GEOLOGIST

Name: James R Hall (Well Site Supervision)
Company: Black Gold Petroleum
Address: 5530 N. Sedgwick
Wichita, Kansas 67204-1828
(316) 838-2574, (316)-217-1223

Comments

Drilling contractor: Val Energy, Rig #1, Tool Pusher: Walt Purcell.

Surface Casing: 8 5/8" set at 646' w/ 250sx, cement.
Did circulate.

Status; 4 1/2" Production Casing was run.

Drilling Activity:

9/3/13; Move on location and spud.

9/4/13; 646' WOC.

9/5/13; 1,750' drilling with native mud.

9/6/13; 2,885' drilling with native mud.

9/7/13; 3,550' drilling with native mud.

9/8/13; 4,160' drilling with chemical gel mud system.

9/9/13; 4,645' drilling.

9/10/13; 5,015' drilling.

9/11/13; 5,092' drilling. Short trip and DST #1 @ 5,088'.

9/12/13; 5,220' running DST #2 (B/Penn).

9/13/13; 5,335' making preparations to run open hole logs. Ran open hole logs, prior to running 4 1/2" production casing.

Deviation Surveys: 1.25 @ 610', 3/4 @ 5,198'.

Bit Record:

#1 12 1/4" out @ 646'.

#2 7 7/8" JZ HA20Q in @ 646', out @ 5,088', made 4,442' in 122 1/4hrs.

#3 7 7/8" JZ HF41 in @ 5,088', out @ 5,335', made 247' in 21 1/2hrs.

Drilling time commenced: @ 4,200'. Minimum 10' wet and dry samples commenced: @ 4,250' to RTD. Samples delivered to Kansas Geological Sample Library at Wichita, Kansas.

Gas Detector: Bluestem Labs, digital unit #0563.

Mud System: Mud-Co/Service Mud. Chemical Gel system @ 3,777', Mud Representative: Justin Whiting (Dod City).

DST CO. Trilobite, Tester: Gary Pevoteaux (Pratt Office).

OH Logs: Nabors Well Services (Hays Kansas),

Operator: Jeff Groneweg.

DIL, CDL/CNL/PE, MEL/SON.

Open Hole E-log tops are placed on this strip log (with the reference wells "A" Vincent Ford Land & Cattle #1-16 NW/4 16-29S-24W, "B" Vincent Lokken #1-29 NE/4 29-29S-24W, "C" Sterling Clark #1 SE/4 5-29S-24W, E-log tops datum differences shown).

DSTs

DST #1 (Pawnee) 5,056' - 5,088' (32'), 30-60-30-60, IH 2490, IF 19-27 (weak blow 3/4'), ISI 1544 (no blow), FF 26-34 (weak blow 2 1/2"), FSI 1479 (no blow), FH 2399, Rec.; 54' SOCM/TRACE GAS IN PIPE (1%oil,99%mud), mud chl 9,600ppm, BHT 114 F.

DST #2 B/Penn, 5,111' - 5,220' (109'), 30-60-120-180, IH 2611, IF 60-64 (BOB 1min, GTS 12min, 20min 37mcf, 30min 49mcf), ISI 1514 (no blow), FF 63-70 (10min 129mcf, 20min 122mcf, 30min 114mcf, 40min 111mcf, 50min 111mcf, 60min 109mcf, 70min 109mcf, 80min 109mcf, 90min 109mcf, 100min 109mcf, 110min 109mcf, 120min 107mcf, FSI 1508 (no blow), FH 2509, Rec; 90' GCM (6%gas, 94%mud), Chl 10,400ppm, BHT 118 F.

Serial #: 8352

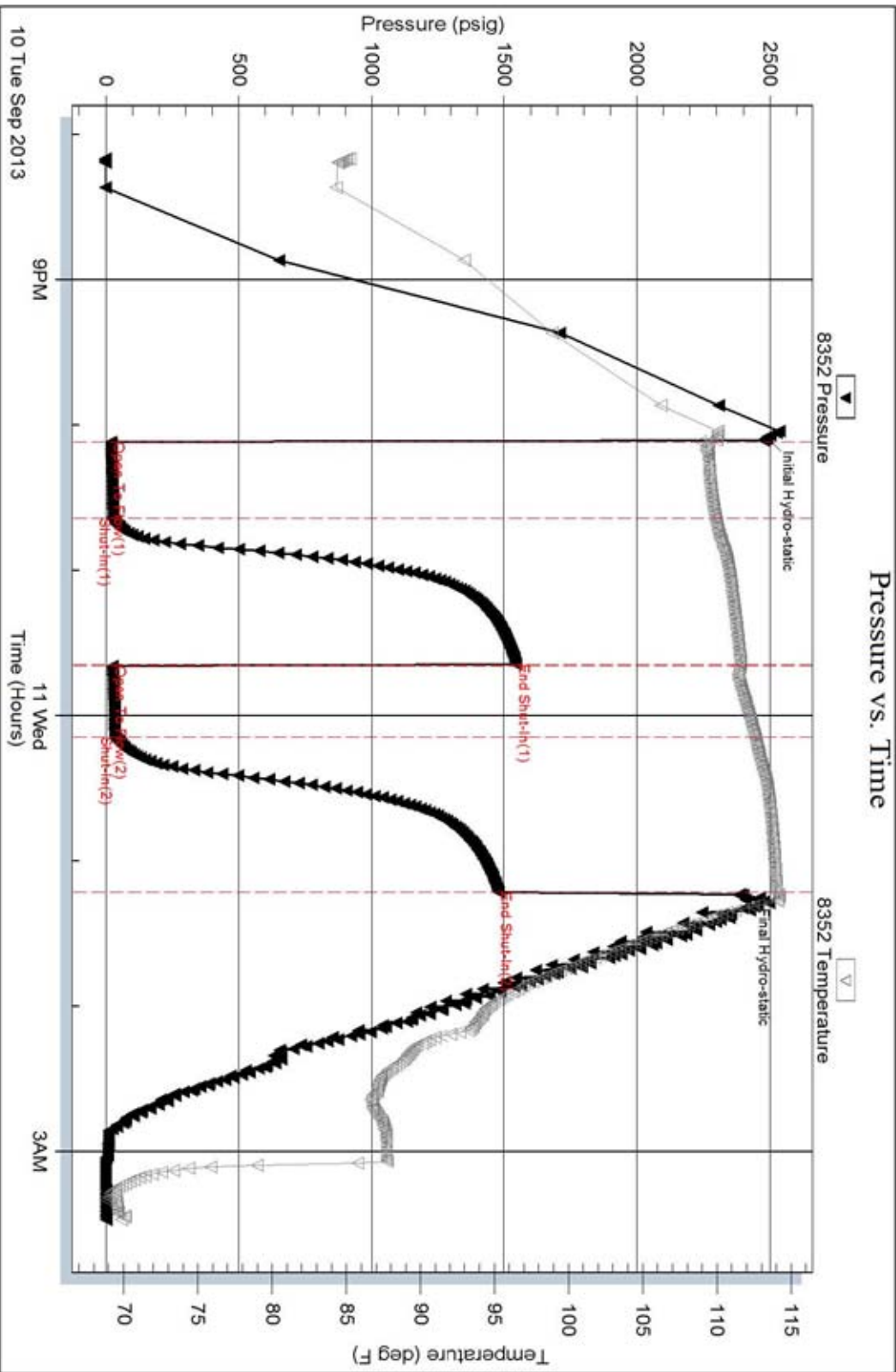
Inside

Vincent Oil Corp.

Shelf #1-17

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 52353

Printed: 2013.09.11 @ 07:51:25

Serial #: 8352

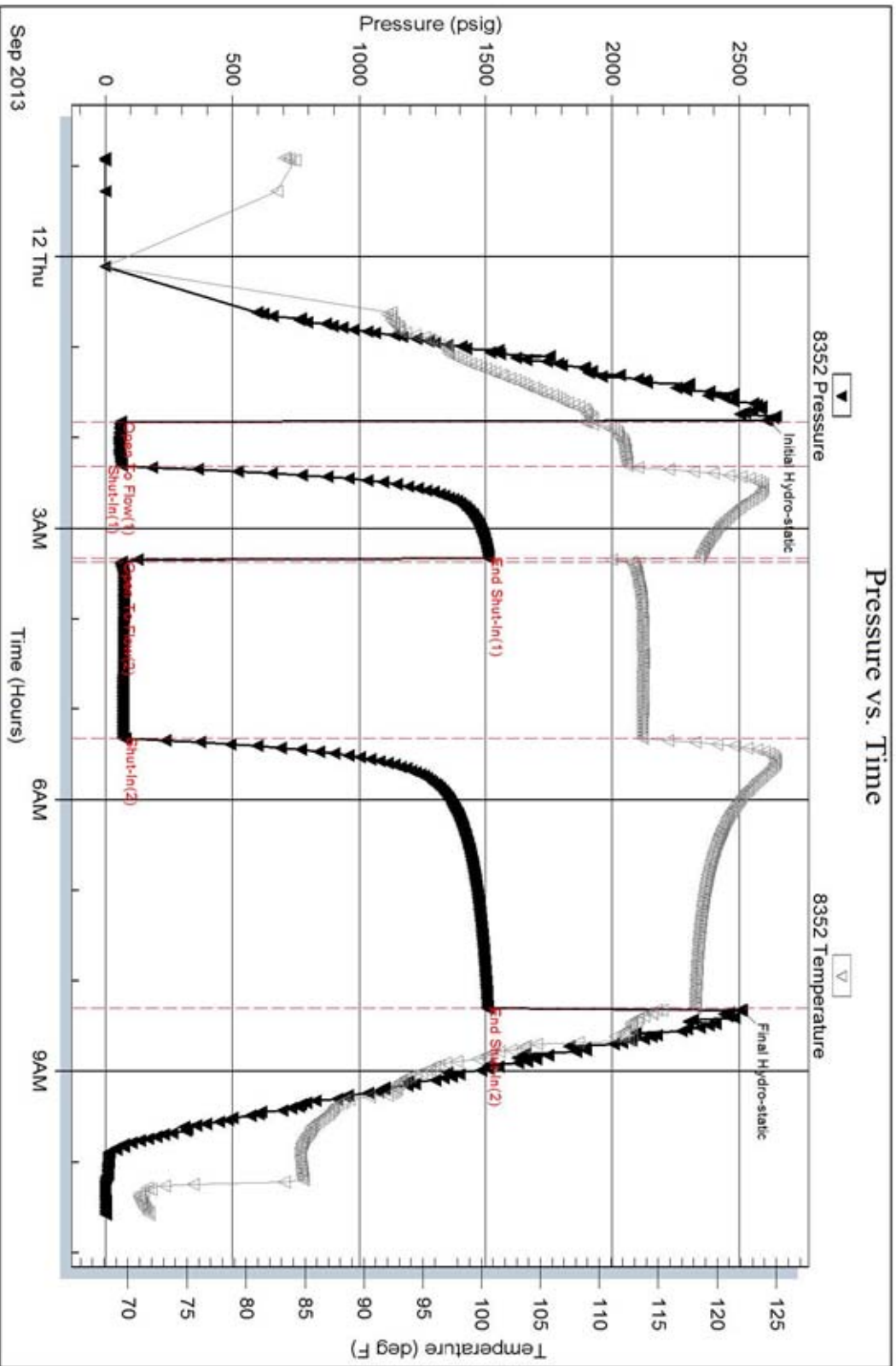
Inside

Vincent Oil Corp.

Shelf #1-17

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 52354

Printed: 2013.09.12 @ 11:13:24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corp.
155 N. Market, Ste. 700
Wichita Ks. 67202
ATTN: Jim Hall

17-29s-24w Ford Ks.
Shelor #1-17
Job Ticket: 52354 **DST#: 2**
Test Start: 2013.09.11 @ 22:54:25

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	20	0.25	9.00	36.80
1	30	0.25	17.00	49.50
2	10	0.38	21.00	128.95
2	20	0.38	19.00	121.62
2	30	0.38	17.00	114.29
2	40	0.38	16.00	110.63
2	50	0.38	16.00	110.63
2	70	0.50	15.50	200.35
2	70	0.38	15.50	108.80
2	80	0.38	15.50	108.80
2	90	0.38	15.50	108.80
2	100	0.38	15.50	108.80








































































Classification

AFTER DUNHAM: GRAIN; any fossil, fossil fragment, sand grain, or other rock fragment within the rock. **MUDSTONE;** muddy carbonate rocks containing less than 10% grains. **WACKESTONE;** mud supported carbonate rocks with more than 10% grains. **PACKSTONE;** grain supported muddy carbonate rocks. **GRAINSTONE;** mud free carbonate rock, grain supported. **BOUNDSTONE;** carbonate rock bound together at deposition (coral, etc.). **CRYSTALLINE CARBONATE;** carbonate rock retaining to little of their depositional texture to be classified.
























ROCK TYPES

 Anhy  Bent  Brec  Cht  Clyst	 Coal  Congl  Dol  Gyp  Igne	 Lmst  Meta  Mrlst  Salt  Shale	 Shcol  Shgy  Sltst  Ss  Till
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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 FOSSIL  Algae  Amph  Belm  Bioclst  Brach  Bryozoa  Cephal  Coral	 Crin  Echin  Fish  Foram  Fossil  Gastro  Oolite  Ostra  Pelec  Pellet  Pisolite  Plant  Strom STRINGER  Anhy  Arg  Bent  Coal  Dol	 Gyp  Ls  Mrst  Sltstrg  Ssstrg TEXTURE  Boundst  Chalky  Cryxln  Earthy  Finexln  Grainst  Lithogr  Microxln  Mudst  Packst  Wackest
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OTHER SYMBOLS

POROSITY  Earthy  Fenest  Fracture  Inter  Moldic  Organic  Pinpoint  Vuggy	SORTING  Well  Moderate  Poor ROUNDING  Rounded  Subrnd  Subang	 Angular OIL SHOW  Even  Spotted  Ques  Dead	INTERVAL  Core  Dst EVENT  Rft  Sidewall
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Curve Track 1

ROP (min/ft) ———
 Caliper (units) - - - -
 Gamma (API) - - - -

TG, C1-C5

TG (Units) ———
 C1 (units) - - - -
 C2 (units) - - - -
 C3 (units) - - - -
 C4 (units) - - - -
 C5 (units) - - - -

Depth

Porosity Type

Lithology

Oil Shows

Geological Descriptions

0 ROP (min/ft) 10
 6 Caliper (units) 16
 0 Gamma (API) 150

0 TG, C1-C5 100

Wob 40K
 Rpm 80
 Spm 56
 Pp 850

0 ROP (min/ft) 10
 6 Caliper (units) 16
 0 Gamma (API) 150

0 TG, C1-C5 100

JIM HALL ON LOCATION @ 4,283'
 9/8/13.

conn
 @4210
 Wt 9
 Vis 46
 Fil 15.6
 Chl 8,800
 Lcm 0#
 Cum \$10,993

bluestem lag set @
 0.80/100'

Packstone; off white, hard, micro-oolitic to rare pellets, tight looking matrix, gold to yellow mineral fluor, only, no show.

Mudstone; gray to cream, tight, some fossiliferous, some brown fossiliferous wackestone, no show.

Shale; gray, dark gray, some brick red.

Mudstone; as above, to Wackestone as above, no show.

Wackestone; cream to off white, fossiliferous, to micro-oolitic rare pellets, now show.

Packstone; off white, cream, micro-oolitic, to fossiliferous, tight look in wet, no show, dull mineral fluorescence.

18u +5u

Packstone to Wackestone; off white, cream to gray, fossiliferous to micro-oolitic, some gastropods, chalky to occasionally crystalline matrix, no show wet, barren porosity in the dry sample.

As above, no real change here.

Mudstone; gray, to brown, hard, tight, some fossiliferous, no show.

Shale; slight increase in gray, dark gray, black, and gray-green, most soft to firm.

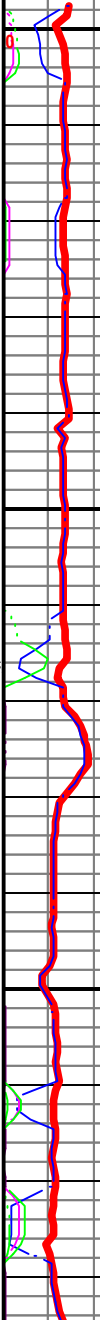
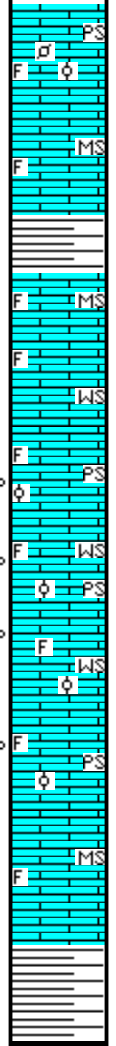
Shale; black, carbonaceous, gassy when broken.

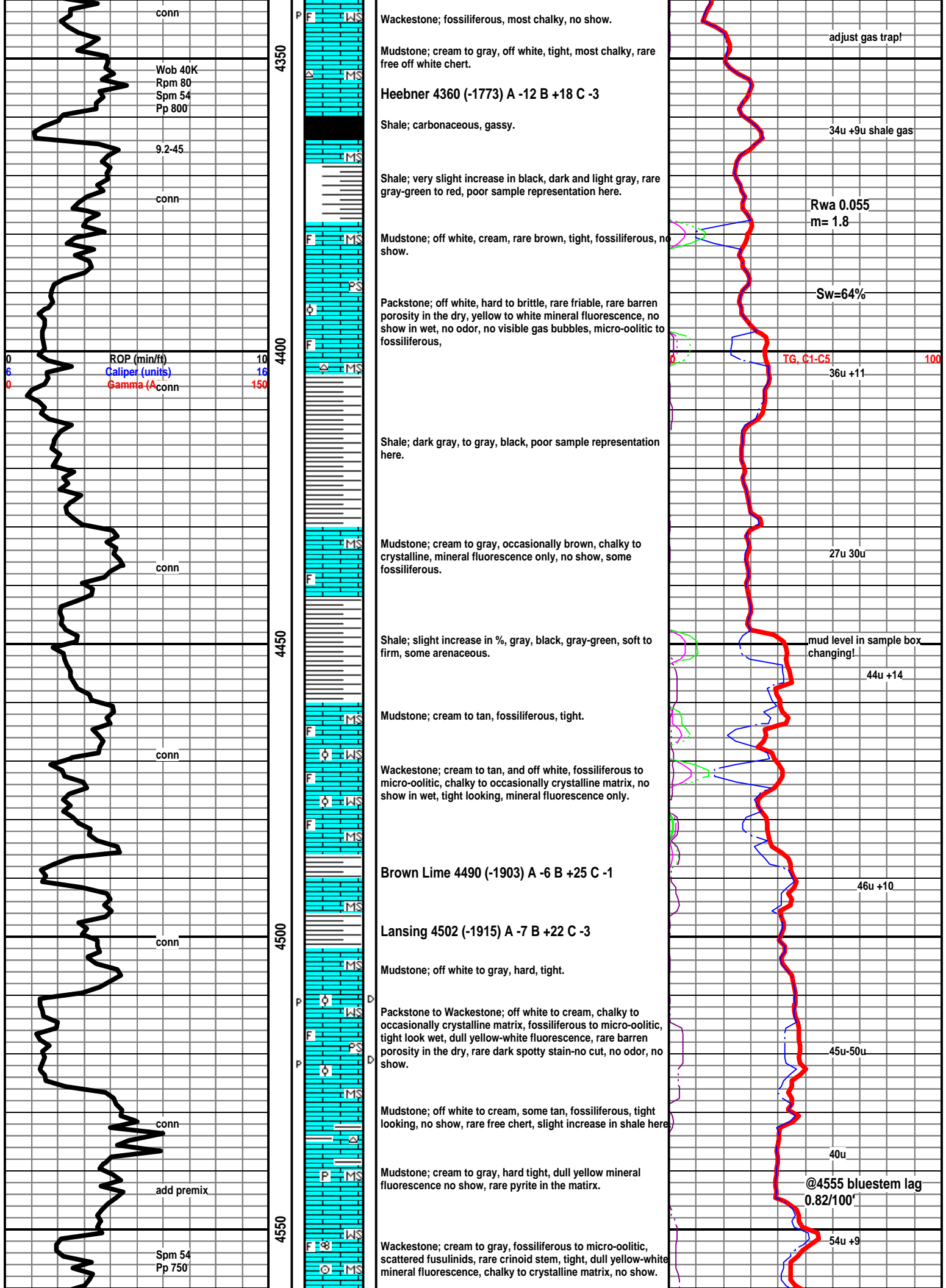
15u +3u shale gas

4200

4250

4300





Wackestone; fossiliferous, most chalky, no show.

adjust gas trap!

Mudstone; cream to gray, off white, tight, most chalky, rare free off white chert.

Heebner 4360 (-1773) A -12 B +18 C -3

Shale; carbonaceous, gassy.

34u +9u shale gas

Shale; very slight increase in black, dark and light gray, rare gray-green to red, poor sample representation here.

Rwa 0.055
m= 1.8

Mudstone; off white, cream, rare brown, tight, fossiliferous, no show.

Sw=64%

Packstone; off white, hard to brittle, rare friable, rare barren porosity in the dry, yellow to white mineral fluorescence, no show in wet, no odor, no visible gas bubbles, micro-oolitic to fossiliferous,

TG, C1-C5

36u +11

Shale; dark gray, to gray, black, poor sample representation here.

Mudstone; cream to gray, occasionally brown, chalky to crystalline, mineral fluorescence only, no show, some fossiliferous.

27u 30u

Shale; slight increase in %, gray, black, gray-green, soft to firm, some arenaceous.

mud level in sample box changing!

44u +14

Mudstone; cream to tan, fossiliferous, tight.

Wackestone; cream to tan, and off white, fossiliferous to micro-oolitic, chalky to occasionally crystalline matrix, no show in wet, tight looking, mineral fluorescence only.

Brown Lime 4490 (-1903) A -6 B +25 C -1

46u +10

Lansing 4502 (-1915) A -7 B +22 C -3

Mudstone; off white to gray, hard, tight.

Packstone to Wackestone; off white to cream, chalky to occasionally crystalline matrix, fossiliferous to micro-oolitic, tight look wet, dull yellow-white fluorescence, rare barren porosity in the dry, rare dark spotty stain-no cut, no odor, no show.

45u-50u

Mudstone; off white to cream, some tan, fossiliferous, tight looking, no show, rare free chert, slight increase in shale here

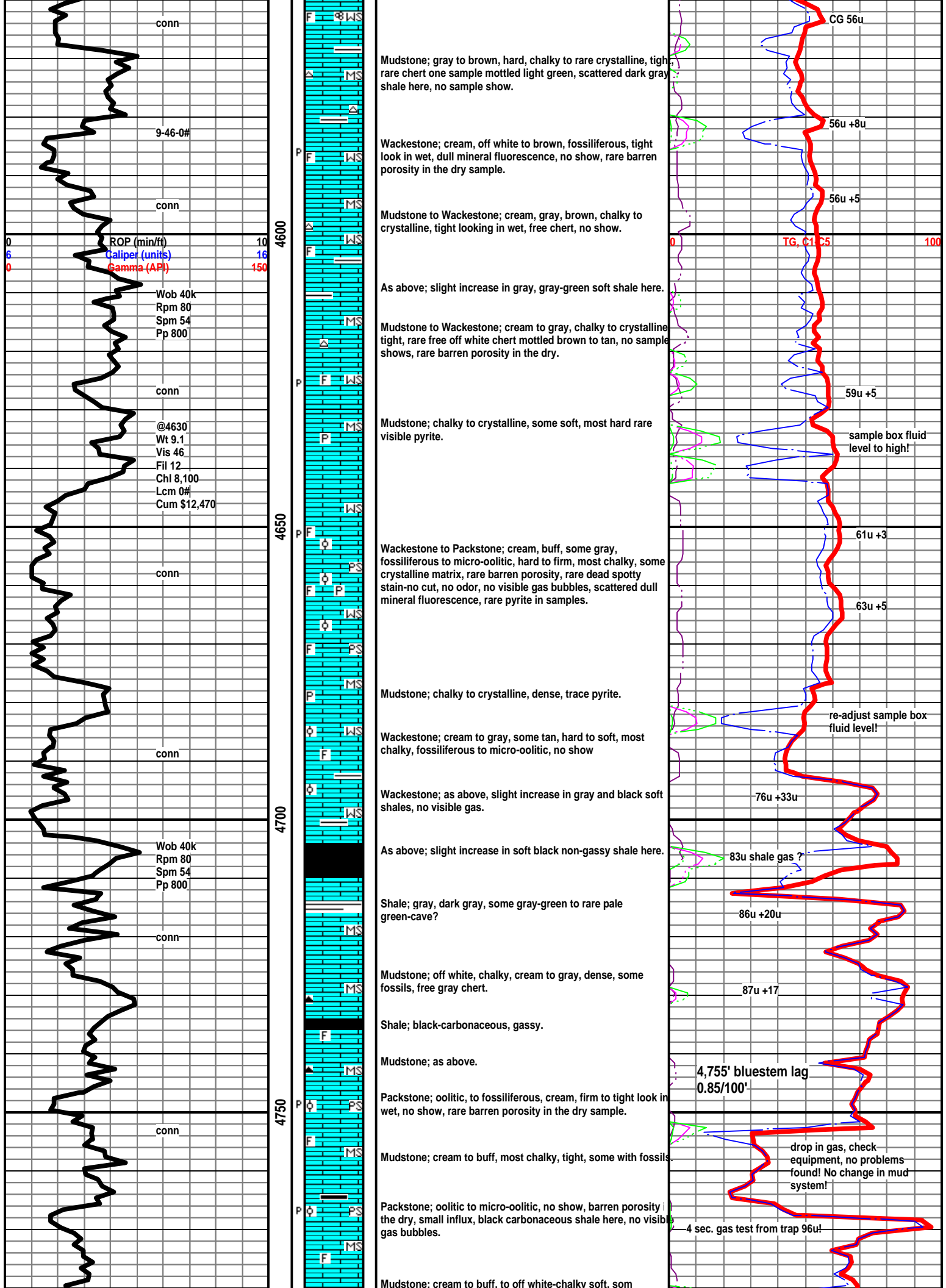
40u

Mudstone; cream to gray, hard tight, dull yellow mineral fluorescence no show, rare pyrite in the matrix.

@4555 bluestem lag
0.82/100'

Wackestone; cream to gray, fossiliferous to micro-oolitic, scattered fusulinids, rare crinoid stem, tight, dull yellow-white mineral fluorescence, chalky to crystalline matrix, no show.

54u +9



conn

9-46-0#

conn

ROP (min/ft)
Caliper (units)
Gamma (API)

Wob 40k
Rpm 80
Spm 54
Pp 800

conn

@4630
Wt 9.1
Vis 46
Fil 12
Chl 8,100
Lcm 0#
Cum \$12,470

conn

conn

Wob 40k
Rpm 80
Spm 54
Pp 800

conn

conn

4600

4650

4700

4750

Mudstone; gray to brown, hard, chalky to rare crystalline, tight, rare chert one sample mottled light green, scattered dark gray shale here, no sample show.

Wackestone; cream, off white to brown, fossiliferous, tight look in wet, dull mineral fluorescence, no show, rare barren porosity in the dry sample.

Mudstone to Wackestone; cream, gray, brown, chalky to crystalline, tight looking in wet, free chert, no show.

As above; slight increase in gray, gray-green soft shale here.

Mudstone to Wackestone; cream to gray, chalky to crystalline tight, rare free off white chert mottled brown to tan, no sample shows, rare barren porosity in the dry.

Mudstone; chalky to crystalline, some soft, most hard rare visible pyrite.

Wackestone to Packstone; cream, buff, some gray, fossiliferous to micro-oolitic, hard to firm, most chalky, some crystalline matrix, rare barren porosity, rare dead spotty stain-no cut, no odor, no visible gas bubbles, scattered dull mineral fluorescence, rare pyrite in samples.

Mudstone; chalky to crystalline, dense, trace pyrite.

Wackestone; cream to gray, some tan, hard to soft, most chalky, fossiliferous to micro-oolitic, no show

Wackestone; as above, slight increase in gray and black soft shales, no visible gas.

As above; slight increase in soft black non-gassy shale here.

Shale; gray, dark gray, some gray-green to rare pale green-cave?

Mudstone; off white, chalky, cream to gray, dense, some fossils, free gray chert.

Shale; black-carbonaceous, gassy.

Mudstone; as above.

Packstone; oolitic, to fossiliferous, cream, firm to tight look in wet, no show, rare barren porosity in the dry sample.

Mudstone; cream to buff, most chalky, tight, some with fossils.

Packstone; oolitic to micro-oolitic, no show, barren porosity in the dry, small influx, black carbonaceous shale here, no visible gas bubbles.

Mudstone; cream to buff. to off white-chalky soft. som

CG 56u

56u +8u

56u +5

TG, C1, C5 100

59u +5

sample box fluid level to high!

61u +3

63u +5

re-adjust sample box fluid level!

76u +33u

83u shale gas ?

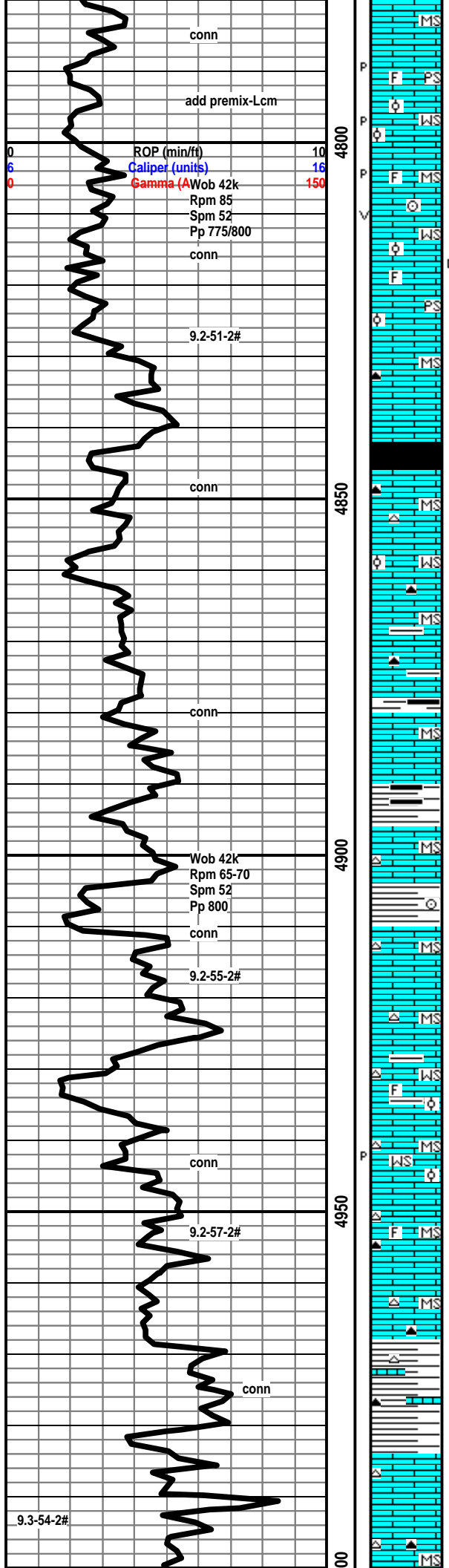
86u +20u

87u +17

4,755' bluestem lag
0.85/100'

drop in gas, check equipment, no problems found! No change in mud system!

4 sec. gas test from trap 96u!



crystalline-silky-dense aa, some mudstone fossiliferous, no show.

Packstone to Wackestone; oolitic to micro-oolitic, hard to firm, dull blue-white min. fluorescence only, no show, barren porosity in dry sample.

Wackestone to Mudstone; cream to off white, no show, barren porosity, rare free crinoid stem.

Wackestone to Packstone; cream to buff and some tan, hard to firm, chalky to crystalline matrix, rare spotty black stain-no cut, dull blue-white mineral fluorescence only.

Mudstone; cream to buff, chalky to crystalline, tight looking, rare free gray to dark gray chert.

Stark Shale 4842 (-2255) A -20 B +21 C -3

Shale; black-carbonaceous, rare gas bubbles when broken.

Mudstone; cream to buff and tan, chalky, some crystalline, rare gray and dark gray chert

Wackestone; micro-oolitic, cream to buff, firm, most chalky matrix, rare dark gray free chert, no show, dull blue-white fluorescence.

Mudstone; cream to buff, some gray, most chalky, rare blocky gray chert, influx, gray, black and gray green shales.

Shale; slight increase in % gray-green, black and gray shales

Mudstone; cream to buff, chalky to crystalline-silky-dense.

Hushp. 4890 (-2303) A -19 B +33 C -3

Mudstone; cream to buff, hard to brittle, rare opaque and light free chert.

Shale; gray, dark gray, gray-green and black, rare crinoid stem, poor sample quality here!

Mudstone; cream to buff some gray to dark brown, chalky to crystalline, dense, dull blue - white mineral fluorescence only, no show, opaque free chert.

Wackestone; cream, hard, chalky to crystalline matrix, micro-oolitic, no show, looks tight, poor sample representation, also increase in shale.

Mudstone to Wackestone; as above, no show, barren porosity in dry, gray to brown chert.

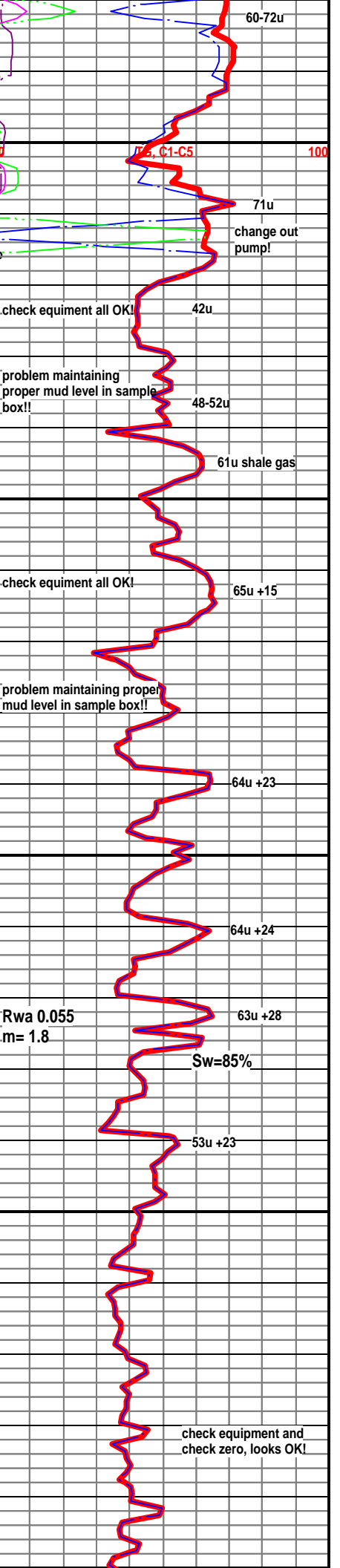
Mudstone; cream to gray, hard, some scattered micro-oolitic, dense, free off white to brown chert, some oolitic.

Mudstone; increase in gray to dark gray and dark brown, hard more crystalline luster with depth, dark to light free chert.

Shale; slight increase in % black, dark gray, rare pale green, increase in black and brown free sharp chert here.

Marmaton 4984 (-2397) A +2 B +42 C +10

Mudstone; cream to gray and tan, most chalky matrix, traces stark white chalky with bright fluorescence-no cut, traces spicular and fossiliferous chert.



60-72u

100

71u

change out pump!

42u

check equipment all OK!

48-52u

problem maintaining proper mud level in sample box!!

61u shale gas

check equipment all OK!

65u +15

problem maintaining proper mud level in sample box!!

64u +23

64u +24

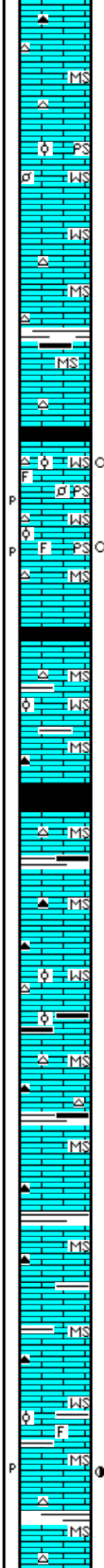
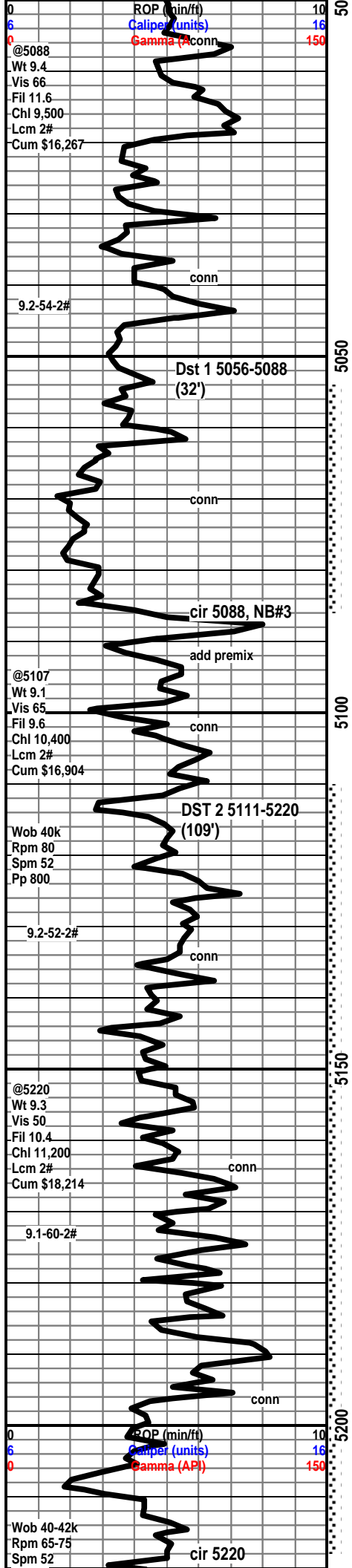
63u +28

Rwa 0.055
m= 1.8

Sw=85%

53u +23

check equipment and check zero, looks OK!



Mudstone; cream to gray and tan as above, some opaque chert mottled blue.

Packstone to Wackestone; cream, hard, chalky to crystalline matrix, tight look in wet, oolitic to pelloid., no show, no cut on selected samples.

As above, no real change here, no show, tight looking, chalky to crystalline matrix.

Mudstone to occasional Wackestone; cream to buff, off white-some with bright fluorescence-no cut, chalky to crystalline, off white to dark brown chert, small increase in % black, and green shale some with pyrite.

Pawnee 5062 (-2475) A -3 B +37 C +11

Shale; small influx black, soft, rare hard, no visible gas bubbles.

Wackestone to Packstone; cream to buff, hard to brittle, micro-oolitic to very fine oolitic, to pelloid. and fossils, in a chalky to crystalline matrix, no visible porosity in the wet, rare barren porosity in the dry, 30min sample had very faint odor, one sample with spotty fluorescence-instant cut, with no visible porosity or stain, no cut on other selected samples, 2 sample in the 90min with bright fluor., inst. cut, barren por. very faint odor. oolitic to spicular scattered free cherts.

Labette 5088 (-2501) A -4 B +30 C +9

Mudstone; cream, buff, most chalky, dense, some micro-oolitic
Wackestone to Packstone-no show, traces green waxy shale and black soft shales, samples poor quality after DST & Trips
Samples wash gray!

CKE 5110 (-2523) A -5 B +41 C +7

Shale; black, carbonaceous, gassy.

Mudstone; cream to buff, brown, chalky to occasionally crystalline, traces bone white very soft claystone, scattered micro-oolitic to fine oolitic Wackestone to Packstone-no show traces off white to dark brown fossiliferous chert.

Wackestone; slight increase in %, most chalky matrix with micro-oolites, and fossils, dense, no show, black, gray, and very soft drk brown shales, samples still wash gray.

2nd CKE 5142 (-2555) A -4 B +42 C +6

Mudstone; cream, most with chalky matrix, dense, rare fossiliferous chert inclusions, some free dark brown chert, scattered micro-oolitic to fossiliferous Wackestone to Packstone, no cut on selected samples, dull gold to yellow mineral fluoresnece.

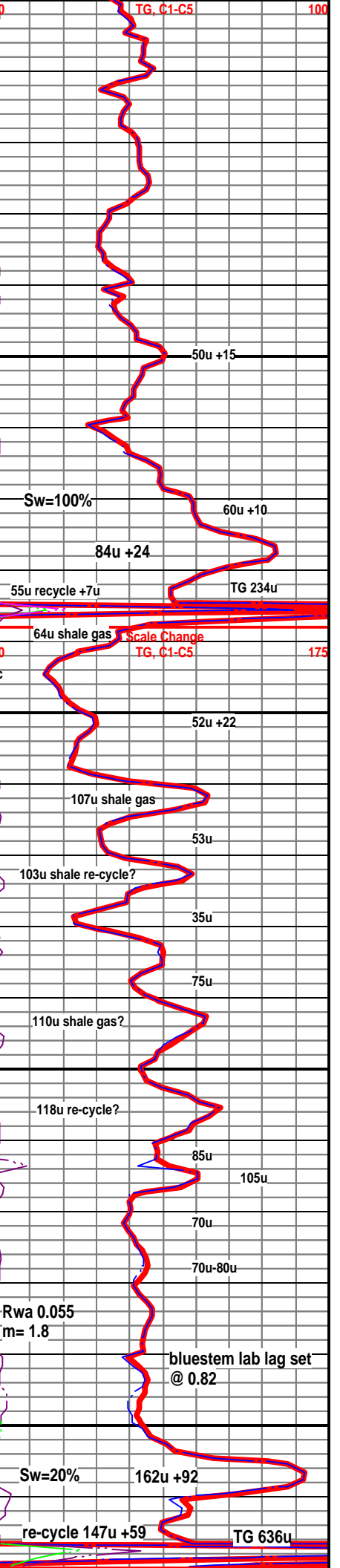
Mudstone; as above, rare free dark chert, some mottled blue.

Mudstone; cream to buff, occasional brown, most chalky-dull luster, some silky luster-crystalline, dense, no cut on selected samples, rare black free chert with tan fossil inclusions, less fluorescence with depth.

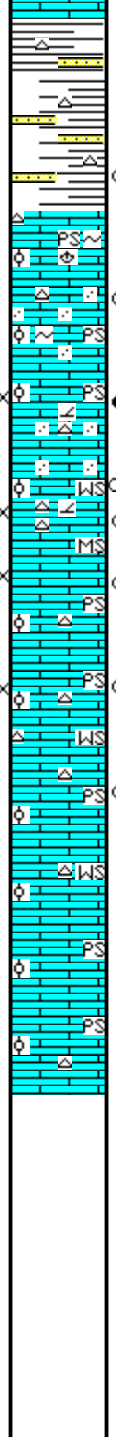
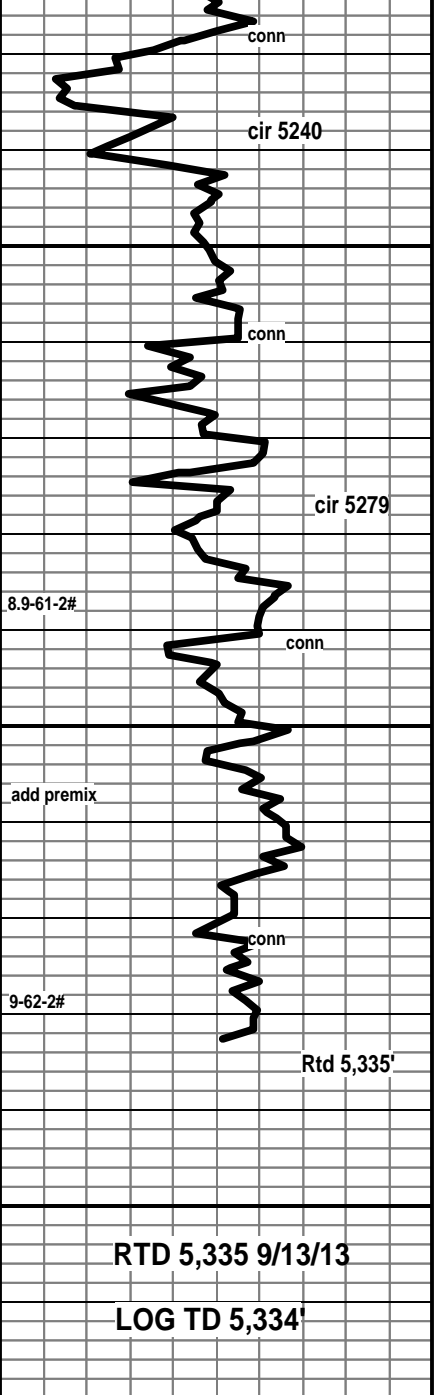
Mudstone; as above, trace dark brown to brown opaque free chert, Shale; black, gray to gray-green, no show.

Wackestone; slight increase in % here, cream, tan, micro-oolitic to fossiliferous, tight-no show.

Mudstone; cream, tan to brown, most chalky, rare spotty stain with slow milky cut, rare micro-oolitic Wackestone 1 with rare porosity and milky cut, faint odor in 30&60min samples, 6 tot samples with show, scattered oolitic off white chert and dark chert, shale; slight incr. gray-green with depth.



B/P 5212 (-2625) A -4 B +49 C +7



Shale; very colored, some arenaceous, traces ufg qtz sand, welcons, vwlstrd, rnd, some free in tray-no show, scattered vry colored chet.

Sandstone; 2samples, spotty stain, no fluorecence, but bright cut, no visible oil, no odor.

Miss 5242 (-2655) A -7 B +67 C +17

Packstone; white, cream oolitic to micro-oolitic, some glauconitic, no show, traces light gray-sandy to micro-oolitic Packstone firm, no show, one sample tan Mudstone with brig fluor instant cut-cave, looks like B/Penn show.

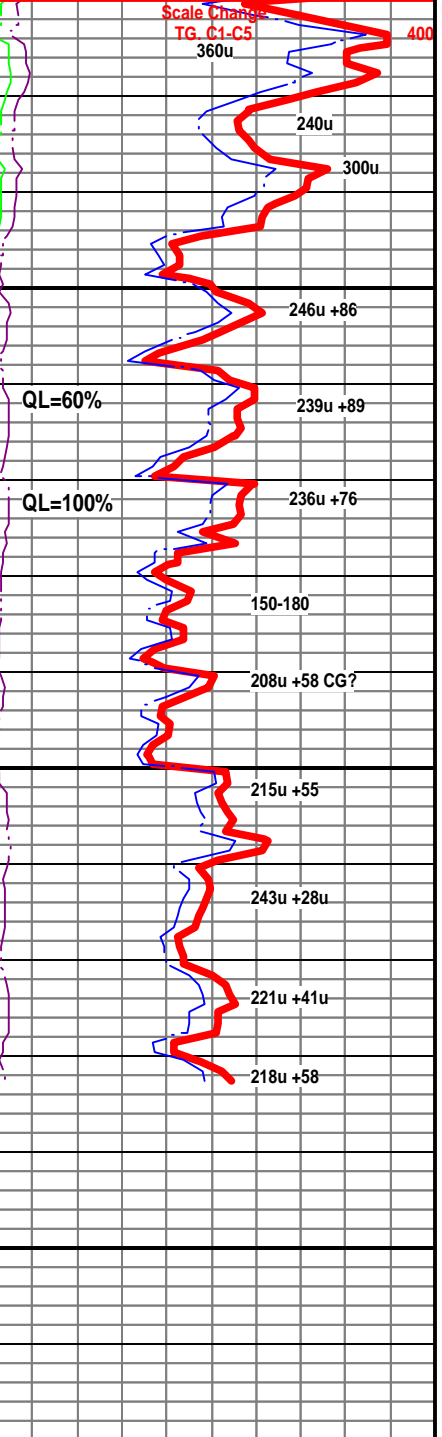
Packstone to Wackstone; cream to buff, tan, hard to friable, micro-oolitic to oolitic, trace with dull fluor. milky cut, no visible stain, porosity or oil, One sample in the dry with med oolites, even stain, visible iner ool porosity and instant cut, very faint sample odor, trace oolitic free chert, one orange fossil chert, rare dolomitic limestone, one 60min sample with dull fluor, instant cut, from fine oolitic packstone, no visible stain, very faint odor again, 2 dry w/ spty stn, inst cut.

Packstone to Wackstone; oolitic to micro oolitic, hard to brittle, chalky to crystalline matrix, look well cemented, some with fluorecence-no cut, one with fluorecence instant cut, rare inter oolitic porosity, no visible stain, no sample odor, some light gray hard mudstone in sample.

Packstone; cream to buff, to light gray, oolitic, scattered fluor-no cut, one sample with fluorecence and instant milky cut, no odor, opaque to orange free oolitic chert.

Packstone to Wackstone; oolitic to micro oolitic, chalky matrix, occasionally crystalline-dense silky matrix, increase in very colored shales here-cave?

Packstone to Wackstone; cream to buff, oolitic to micro-oolitic in a chalky matrix, tight looking, free chert, some oolitic, no show.



RTD 5,335 9/13/13
LOG TD 5,334'