Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1174862

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 # 5004
Name: Vincent Oil Corporation
Address 1: 155 N MARKET STE 700
Address 2:
City: WICHITA State: KS Zip: 67202 + 1821
Contact Person: M.L. Korphage
Phone: (316) 262-3573
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: Jim Hall
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 #:

9/3/2013	9/13/2013	10/16/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-057-20910-00-00
Spot Description:
NW SW NE NE Sec. 17 Twp. 29 S. R. 24 ☐ East ☑ West
790 Feet from ☑ North / ☐ South Line of Section
1075 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: Ford
Lease Name: Shelor Well #: 1-17
Field Name: Wildcat
Producing Formation: Cherokee Limestone, Mississippian
Elevation: Ground: 2577 Kelly Bushing: 2587
Total Vertical Depth: 5335 Plug Back Total Depth: 5328
Amount of Surface Pipe Set and Cemented at: 646 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: 12800 ppm Fluid volume: 1000 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

☑ **Confidentiality Requested**
Date: 12/31/2013
☑ **Confidential Release Date:** 12/31/2015
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 01/02/2014

[redacted] 1174862

Operator Name: Vincent Oil Corporation Lease Name: Shelor Well #: 1-17

Sec. 17 Twp. 29 S. R. 24 ☐ East ☑ West County: Ford

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 *(Attach Additional Sheets)*	☑ Yes	☐ No
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
Attached	Attached	Attached

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 Casing	12.25	8.6250	23	646	MDC & Common	250	0-2% Gel, 3% CC & 1/4# Cel-Flake/sx
Production Casing	7.8750	4.5	11.6	5328	Pro C (ASC)	175	5# Gilsonite/sx

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
Attached	Attached	Attached	Attached

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	2.3750	5219		☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.

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:

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

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Shelor 1-17
Doc ID	1174862

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Shelor 1-17
Doc ID	1174862

Tops

Name	Top	Datum
Heebner Shale	4360	(-1773)
Brown Limestone	4491	(-1904)
Lansing	4503	(-1916)
Stark Shale	4842	(-2255)
Pawnee	5061	(-2474)
Cherokee Shale	5110	(-2523)
Base Penn Limestone	5211	(-2624)
Mississippian	5242	(-2655)
LTD	5334	(-2747)
RTD	5335	(-2748)

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Shelor 1-17
Doc ID	1174862

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	Perf: 5242' to 5252', 5260' to 5265', abd 5268' to 5280'	Ran tubing, Acidized with 3000 gal MCA, swab & flow 1/2 bbl/hr	5242' to 5280 OA
		w/ SFO & weak blow of gas, Acidiuzed with 5000 gal gel HCL,	
		flowed 1 bbl/hr w/SFO & weak blow gas.	
4	Perf: 5204' to 5209'	Perf, Cher. Lime, set RBP above Miss perfs,	5204' to 5209'
		ran swab, no fld, Acidized with 500 gal MCA (15%), Swab 3 hrs,	
		KOF, Flowed 1 bbl/hr w/ SFO & good blow gas, killed well with KCL water,	
		pulled RBP, ran tubing, swab & flow 2 bbl/hr with SFO & good blow gas,	
		rigged down, SIGW, waiting on surf equip & pipeline connection.	

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Shelor 1-17
Doc ID	1174862

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 Casing	12.25	8.6250	23	646	MDC & Common	250	0-2% Gel, 3% CC & 1/4# Cel-Flake/sx
Production Casing	7.8750	4.5	11.6	5328	Pro C (ASC)	175	5# Gilsonite/ sx

QUALITY WELL SERVICE, INC.

5943

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410
Office / Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
9-4-13	17	29	24	FORD	KS	1:00 A.M	4:30 AM

Lease SHELOR Well No. 1-17 Location Bloom KS 3W 3N 1/4 W S into

Contractor VAL Drlg #1 Owner

Type Job SURFACE

Hole Size 12¼ T.D. 646

Csg. 8 5/8 Depth 645

Tbg. Size Depth

Tool Depth

Cement Left in Csg. Shoe Joint 30

Meas Line Displace 39.6

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.

Charge To Vincent Oil Corp

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 125sx mix 3% CC ¼# CF.
125 sx Common 2% Gel 3% CC ¼# CF.

EQUIPMENT

Pumptrk No.	3	Mike
Bulktrk No.	4	
Bulktrk No.	7	CHAD
Pickup No.		

JOB SERVICES & REMARKS

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Run 15 jts 8 5/8 23# CSG

Hook up to csg & Break Circ W/ Rig Pump

Mix & Pump 125 sx MIX 12.4#/gal

Mix & Pump 125 sx Common 15.4#/gal

Shut Down Release 8 5/8 Wooden Plug

Disp 39.6 Bbl total

Close Valve on csg 300#

Good Circ thru Job

thank Mike CHAD & Todd

X Signature

Common	125
Poz. Mix	125
Gel.	5
Calcium	9
Hulls	
Salt	
Flowseal	60#
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	254
Mileage	50

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
	1 EA 8 5/8 Wooden Plug
LMV	50
Pumptrk Charge	Surface
Mileage	50
Tax	
Discount	
Total Charge	

Please call again

Taylor Printing, Inc.

QUALITY WELL SERVICE, INC.

5945

Federal Tax I.D. # 481187368

OFFICE
Home Office 324 Simpson St., Pratt, KS 67124

620-727-3410

Office / Fax 620-672-3663

Rich's Cell 620-727-3409

Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
9-14-13	17	29	24	FORD	Ks	11:30 PM	4:45

Lease SHELOR | Well No. 1-17 | Location Bloom 3 W 3 N 100 rds W S into

Contractor VAL Drlg. #1

Type Job 4½ L.S.

Hole Size 7⅞ | T.D. 5335

Csg. 4½ 11.6# | Depth 5330

Tbg. Size | Depth

Tool | Depth 5330

Cement Left in Csg. | Shoe Joint 9.40

Meas Line | Displace 83 Bbls

EQUIPMENT

	No.	
Pumptrk	8	MIKE
Bulktrk	9	CHAD
Bulktrk	No.	
Pickup	No.	TODD

JOB SERVICES & REMARKS

Rat Hole 30 sx

Mouse Hole 20 sx

Centralizers 1-3-5-7-9-11

Baskets

D/V or Port Collar

Run 123 jt's 4½ 11.6# csg

1 jt Reg G. SHOE & AFU INSERT 9.40

Hook up to csg & Break circ w/ rig

1 hr.

Pump 3 Bbls H2o 12 Bbls MFlush 3 Bbls H2o

Plug R-M HOLES

Mix & Pump 175 sx Pro C

14.8#/gal

SHUT DOWN WASH up tk & CLEAR LINES

RELEASE 4½ Rubber Plug

Disp 83 Bbls total

LIFT PSI 800#

Good circ thru JOB

Plug down @ 4:30 1500#. RELEASE HELD

thanks TODD MIKE & CHAD

X Signature

Owner

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.

Charge To VINCENT OIL CORP

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 225 sx Q Pro C

10% Salt 5#/sx Gilsonite

Common 225

Poz. Mix

Gel.

Calcium

Hulls

Salt 24

Flowseal

Kol-Seal 1125#

Mud CLR 48 500 gal

CFL-117 or CD110 CAF 38

Sand

Handling

Mileage 50

4½ **FLOAT EQUIPMENT**

Guide Shoe 1 EA

Centralizer 6 EA

Baskets

AFU Inserts 1 EA

Float Shoe 1 EA TOP Rubber Plug

Latch Down

LMV 50

Pumptrk Charge Longstring

Mileage 50

Tax

Discount

Total Charge

PLEASE CALL AGAIN

DRILL STEM TEST REPORT

Vincent Oil Corp.

155 N. Market,Ste. 700
Wichita Ks.67202

ATTN: Jim Hall

17-29s-24w Ford Ks.

Shelor #1-17

Job Ticket: 52353 **DST#: 1**

Test Start: 2013.09.10 @ 20:09:53

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:06:38
Time Test Ended: 03:27:53

Test Type: Conventional Bottom Hole (Initial)
Tester: Gary Pevoteaux
Unit No: 56

Interval: 5056.00 ft (KB) To 5088.00 ft (KB) (TVD)
Total Depth: 5088.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

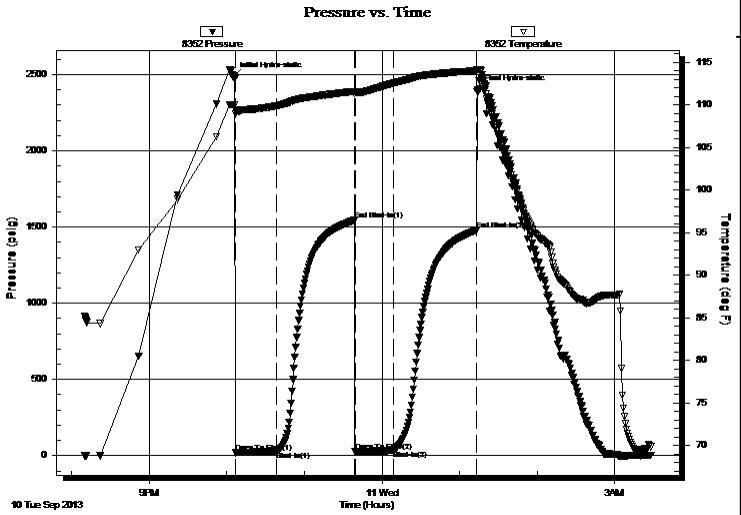
Reference Elevations: 2587.00 ft (KB)
2577.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8352 **Inside**

Press@RunDepth: 33.68 psig @ 5057.00 ft (KB)
Start Date: 2013.09.10 End Date: 2013.09.11
Start Time: 20:09:58 End Time: 03:27:52

Capacity: 8000.00 psig
Last Calib.: 2013.09.11
Time On Btm: 2013.09.10 @ 22:05:08
Time Off Btm: 2013.09.11 @ 01:14:08

TEST COMMENT: IF:Weak blow . 1/4 - 3/4".
ISI:No blow .
FF:Weak blow . Increase to 2 1/2".
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2490.16	110.00	Initial Hydro-static
2	19.22	108.90	Open To Flow (1)
34	27.45	109.90	Shut-In(1)
94	1544.39	111.60	End Shut-In(1)
94	25.56	111.36	Open To Flow (2)
124	33.68	112.56	Shut-In(2)
188	1478.62	114.01	End Shut-In(2)
189	2398.84	114.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
54.00	SOCM 1%o 99%m/Trace of GIP	0.76

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

155 N. Market,Ste. 700
Wichita Ks.67202

ATTN: Jim Hall

17-29s-24w Ford Ks.

Shelor #1-17

Job Ticket: 52353 **DST#: 1**

Test Start: 2013.09.10 @ 20:09:53

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	9600 ppm
Viscosity:	66.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.59 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	9600.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
54.00	SOCM 1%o 99%m/Trace of GIP	0.757

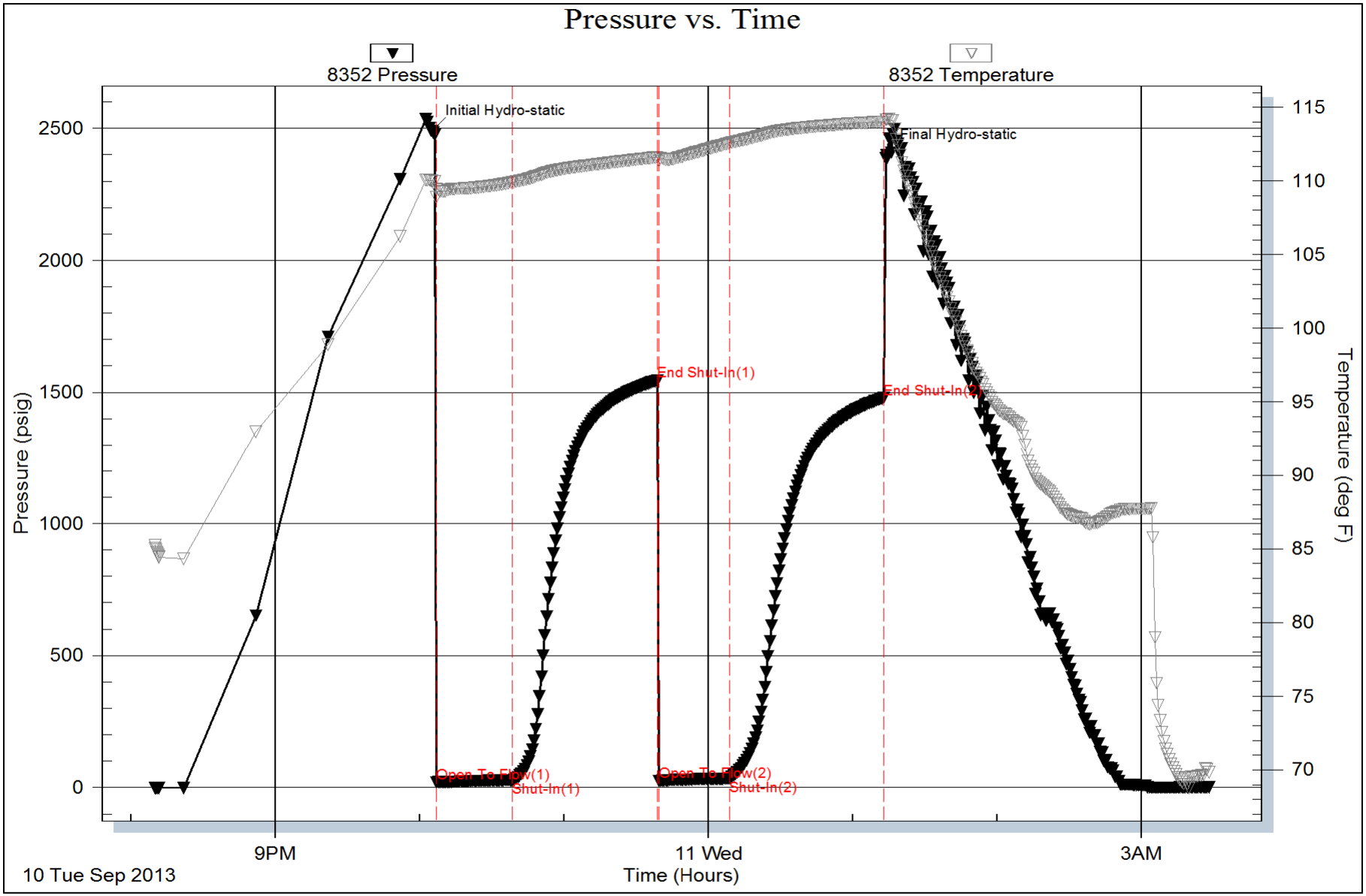
Total Length: 54.00 ft Total Volume: 0.757 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8352 **Inside** Vincent Oil Corp. Shelor #1-17 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 52353 Printed: 2013.09.11 @ 07:51:25

DRILL STEM TEST REPORT

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

GENERAL INFORMATION:

Formation: **Basal Penn.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:49:10
Time Test Ended: 10:35:10

Test Type: Conventional Bottom Hole (Reset)
Tester: Gary Pevoteaux
Unit No: 56

Interval: 5111.00 ft (KB) To 5220.00 ft (KB) (TVD)
Total Depth: 5220.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

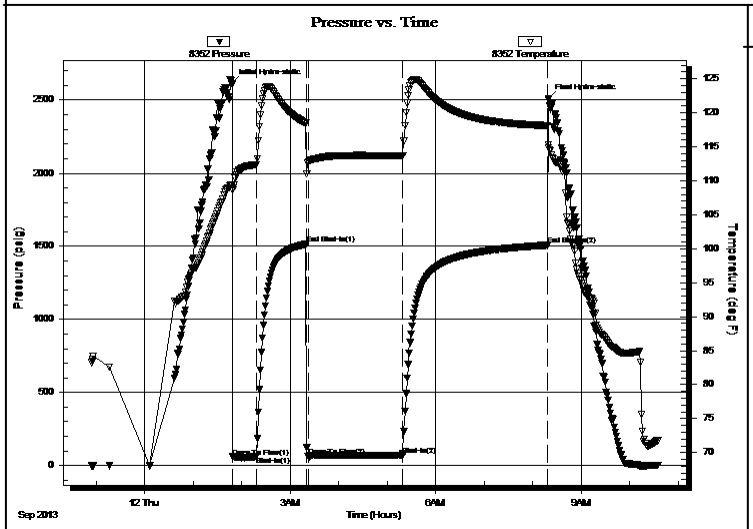
Reference Elevations: 2587.00 ft (KB)
2577.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8352 **Inside**

Press@RunDepth: 69.91 psig @ 5112.00 ft (KB)
Start Date: 2013.09.11 End Date: 2013.09.12
Start Time: 22:54:30 End Time: 10:35:10

Capacity: 8000.00 psig
Last Calib.: 2013.09.12
Time On Btm: 2013.09.12 @ 01:47:55
Time Off Btm: 2013.09.12 @ 08:19:10

TEST COMMENT: IF:Strong blow . B.O.B. in 1 min. GTS in 12 mins.(see gas flow report)
ISI:No blow .
FF:Strong blow . (see gas flow report)
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2611.42	109.44	Initial Hydro-static
2	59.87	108.71	Open To Flow (1)
31	64.41	112.41	Shut-In(1)
92	1513.65	118.43	End Shut-In(1)
94	62.54	112.67	Open To Flow (2)
212	69.91	113.65	Shut-In(2)
390	1508.42	118.12	End Shut-In(2)
392	2509.24	115.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	GCM 6%g 94%m	1.26

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	9.00	36.80
Last Gas Rate	0.38	15.50	108.80
Max. Gas Rate	0.38	21.00	128.95

DRILL STEM TEST REPORT

FLUID SUMMARY

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

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:	10400 ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.59 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	10400.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	GCM 6%g 94%m	1.262

Total Length: 90.00 ft Total Volume: 1.262 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: gp-2

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments:

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

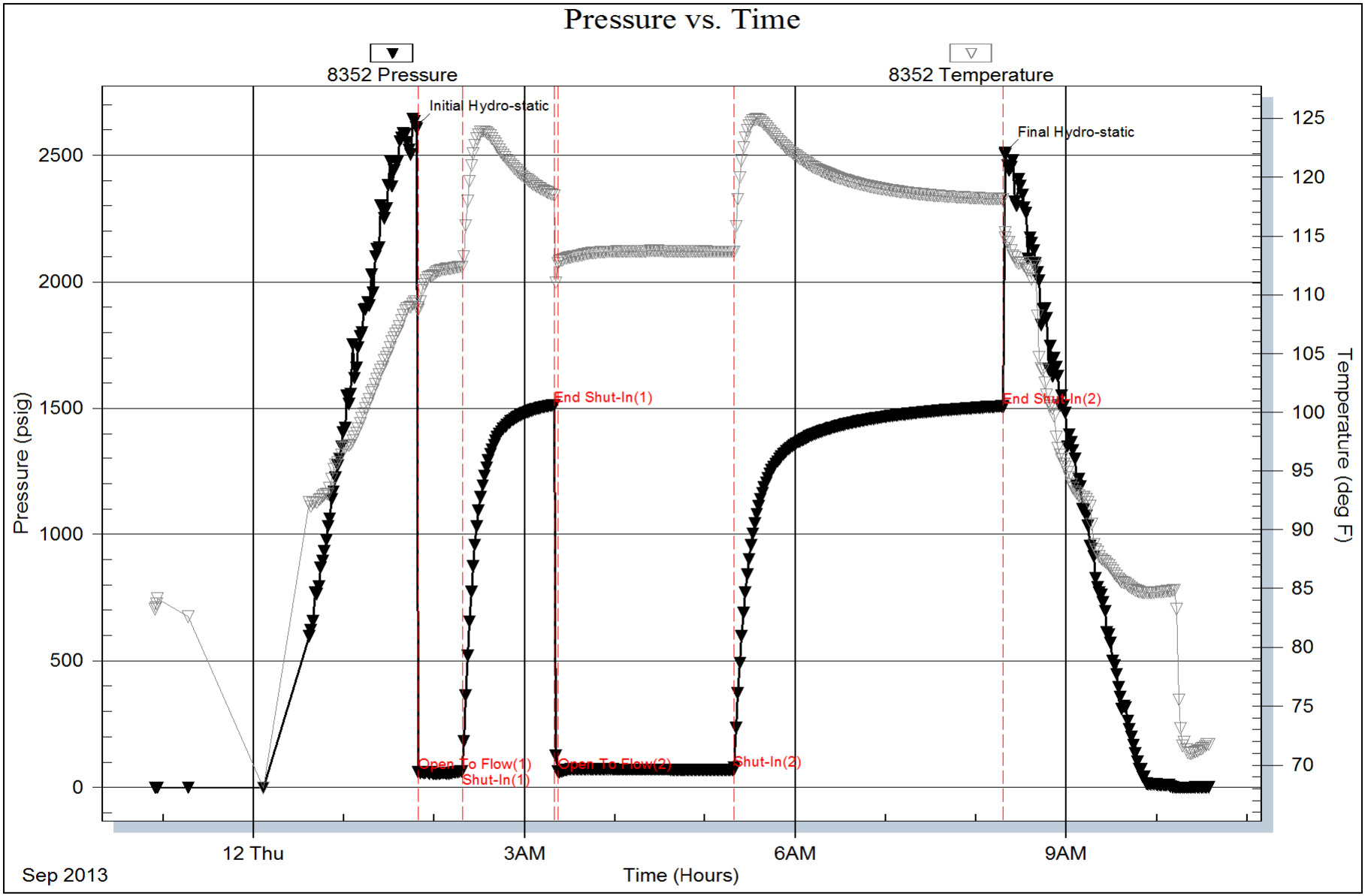
Gas Rates Information

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

Serial #: 8352 **Inside** Vincent Oil Corp. Shelor #1-17 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 52354 Printed: 2013.09.12 @ 11:13:24

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**	**Region:**	**WILDCAT**
Spud Date:	**09/03/13**	**Drilling Completed:**	**09/13/13**
Surface Coordinates:	**790' FNL, 1,075' FEL**		
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.**		

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 (Dodg 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.

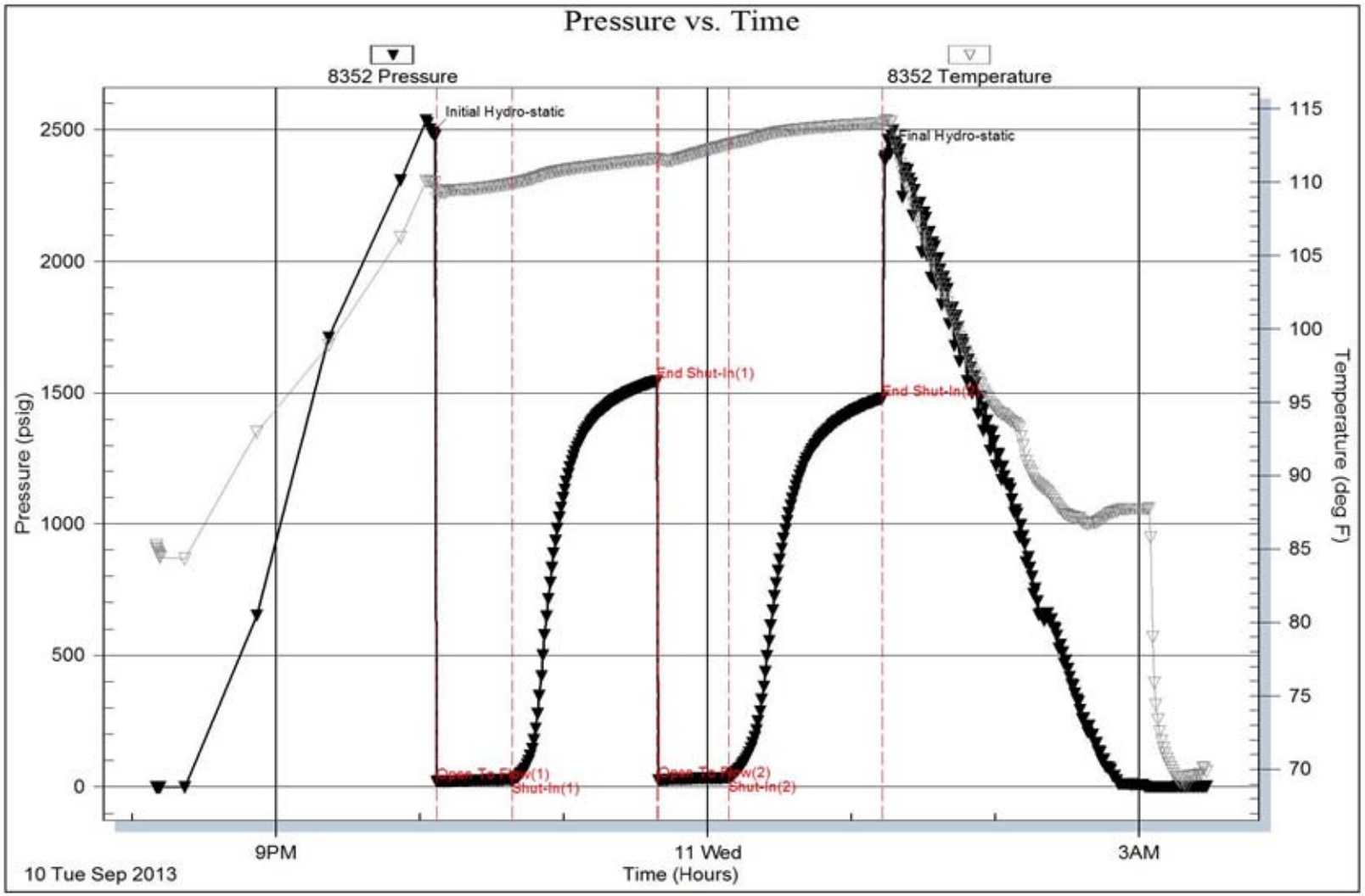
Open Hole E-log tops are placed on this strip log (with the reference wells "A" Vincent Ford Land & Cattle #1-16 NW/4 16-29S-24W, "B" Vincent Lokken #1-29 NE/4 29-29S-24W, "C" Sterling Clark #1 SE/4 5-29S-24W, E-log tops datum differences shown).

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.

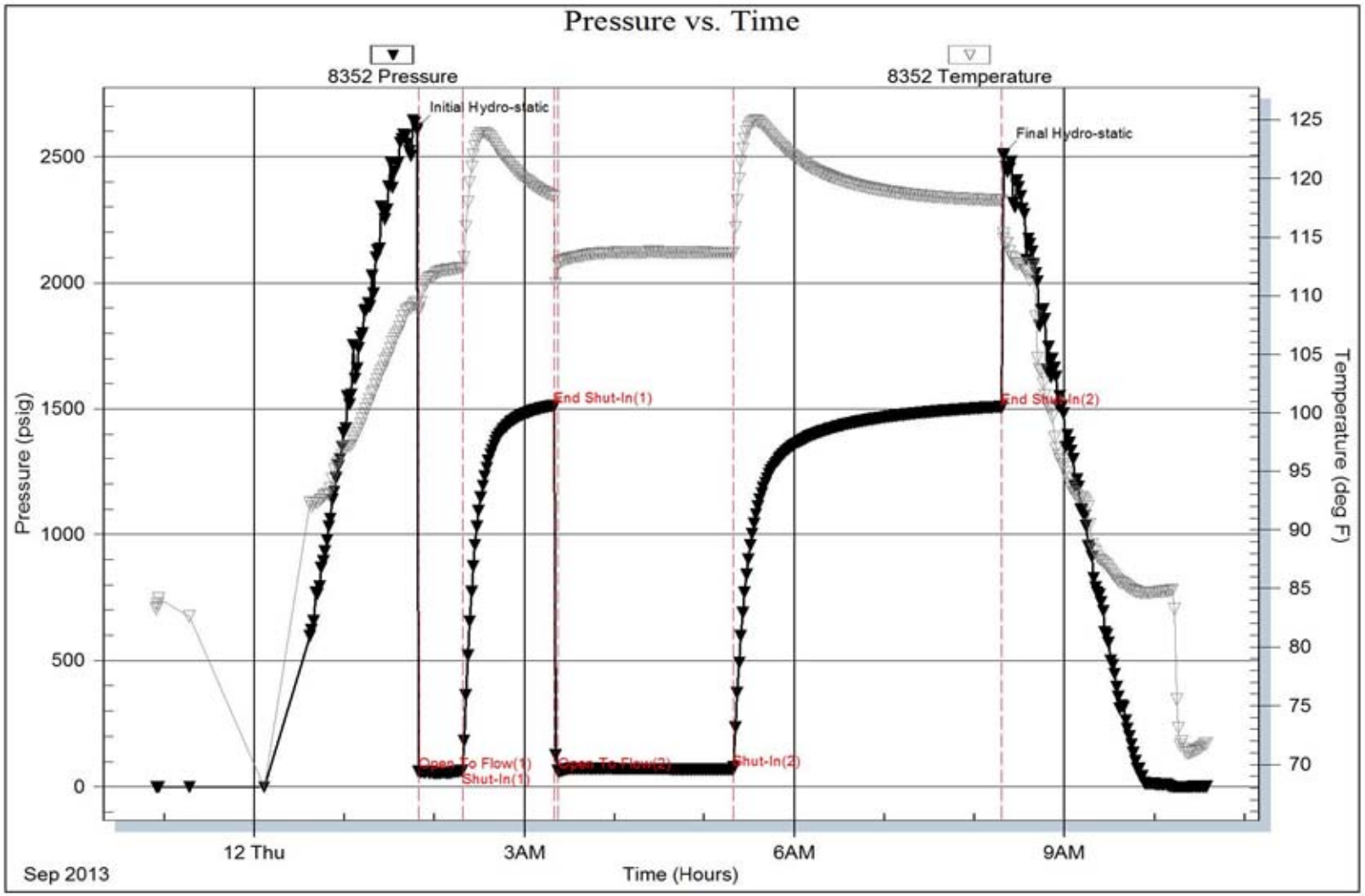
DST #2 B/Penn, 5,111' - 5,220' (109'), 30-60-120-180, IH 2611, IF 60-64 (BOB 1min, GTS 12min, 20min 37mcf, 30min 49mcf), ISI 1514 (no blow), FF 63-70 (10min 129mcf, 20min 122mcf, 30min 114mcf, 40min 111mcf, 50min 111mcf, 60min 109mcf, 70min 109mcf, 80min 109mcf, 90min 109mcf, 100min 109mcf, 110min 109mcf, 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. Shelor #1-17 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 52353 Printed: 2013.09.11 @ 07:51:25

Serial #: 8352 **Inside** Vincent Oil Corp. Shelor #1-17 DST Test Number: 2



Trilobite 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

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

OTHER SYMBOLS

POROSITY

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

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

OIL SHOW

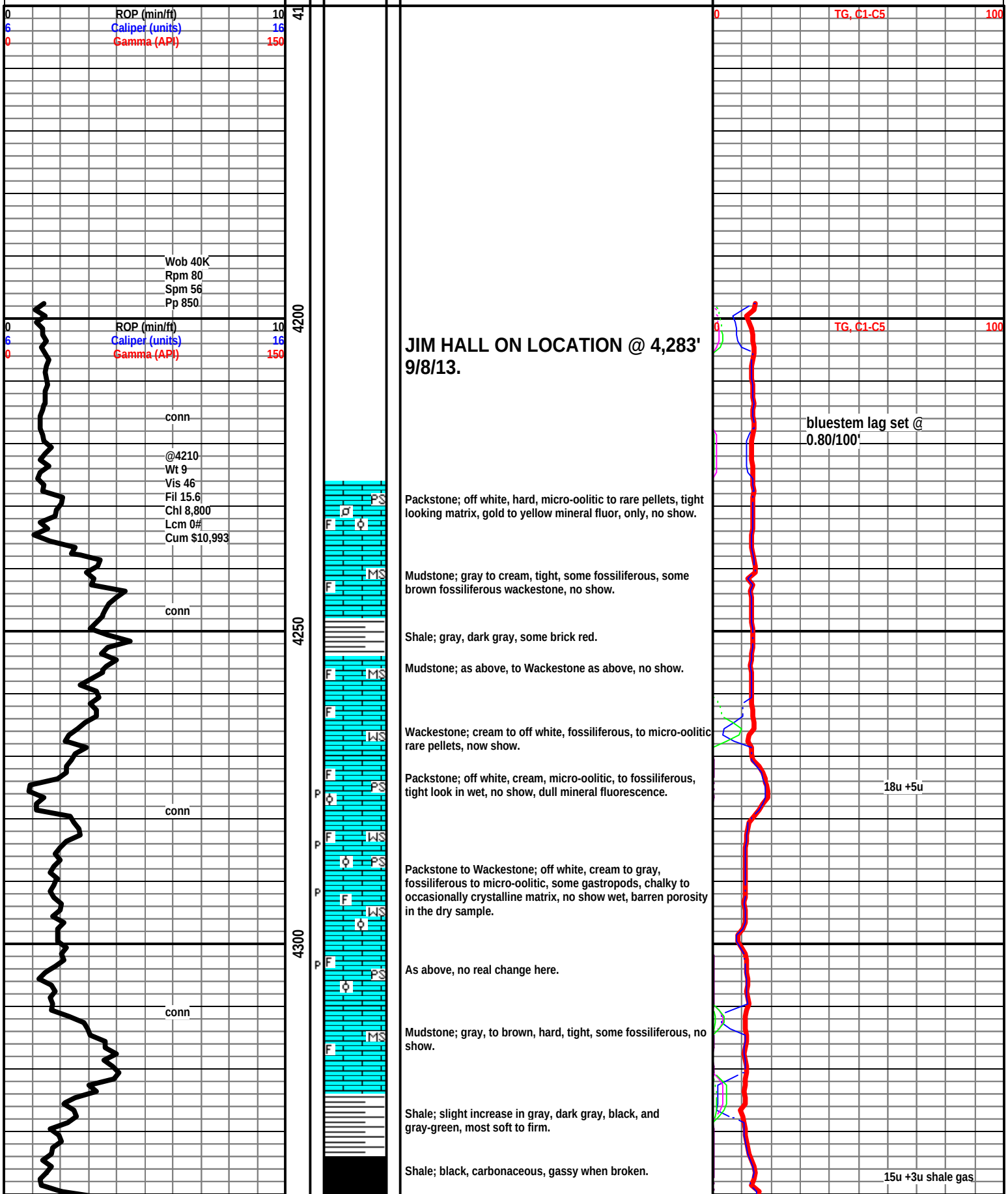
- Even
- Spotted
- Ques
- Dead

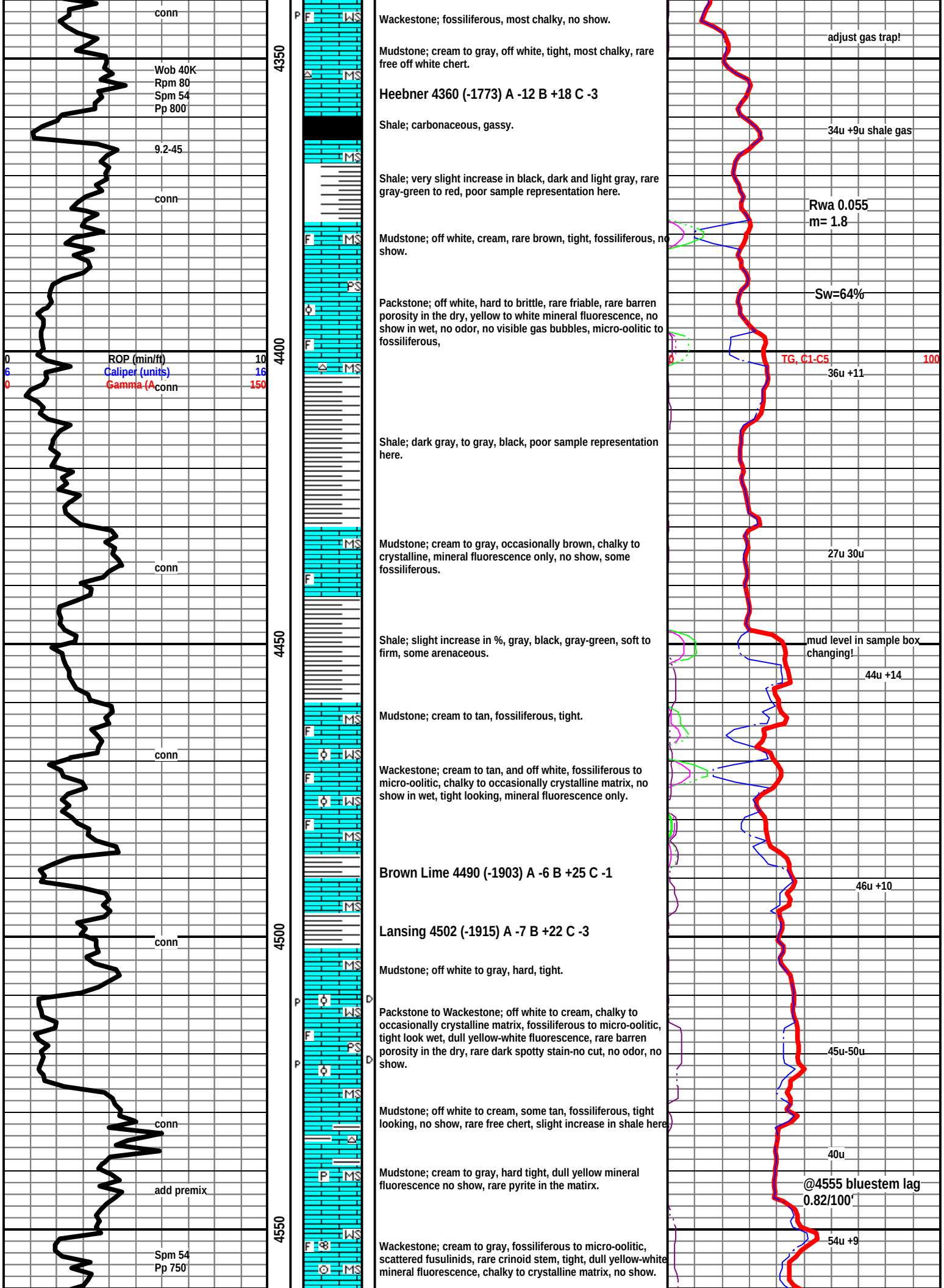
INTERVAL

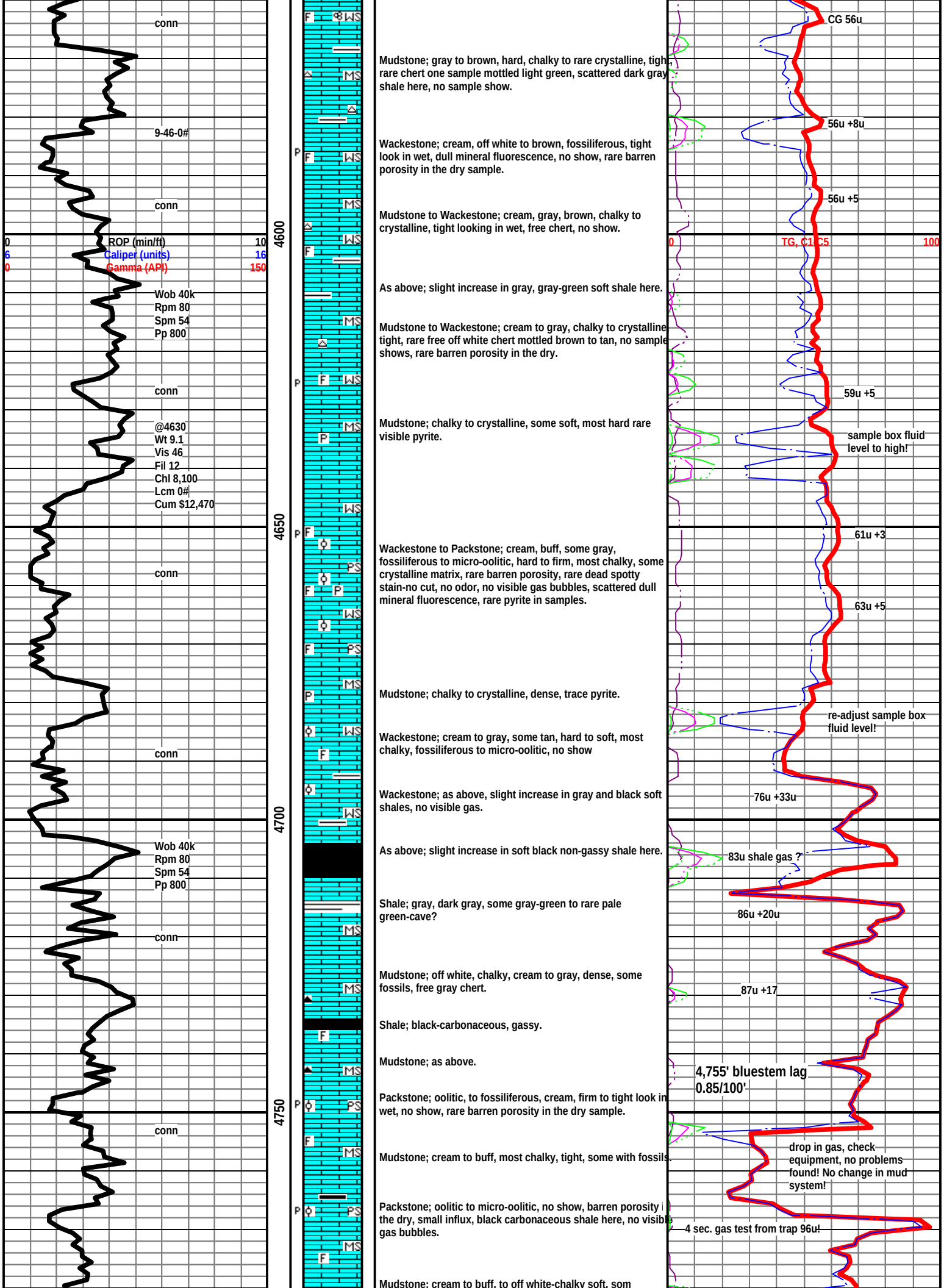
- Core
- Dst

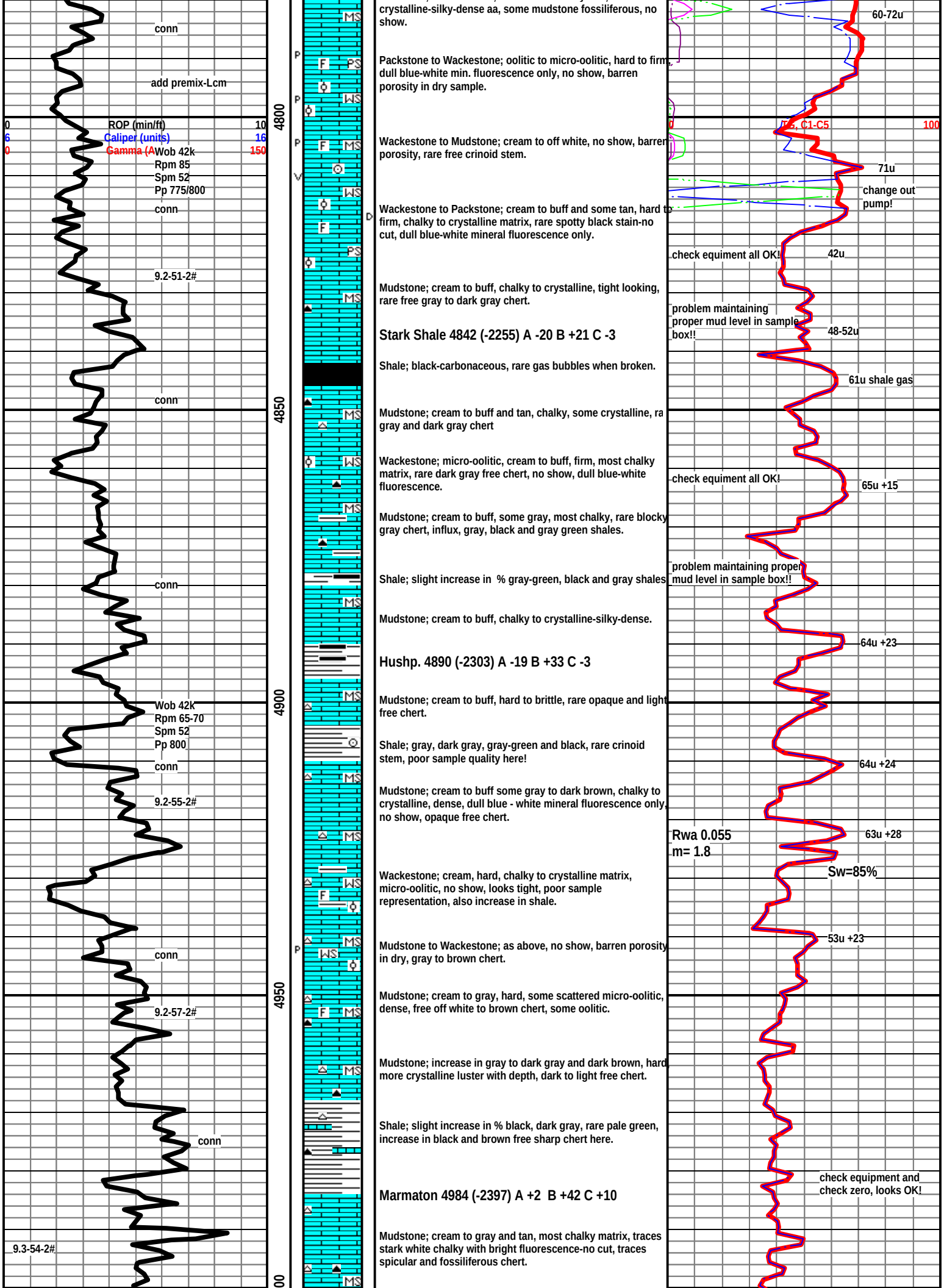
EVENT

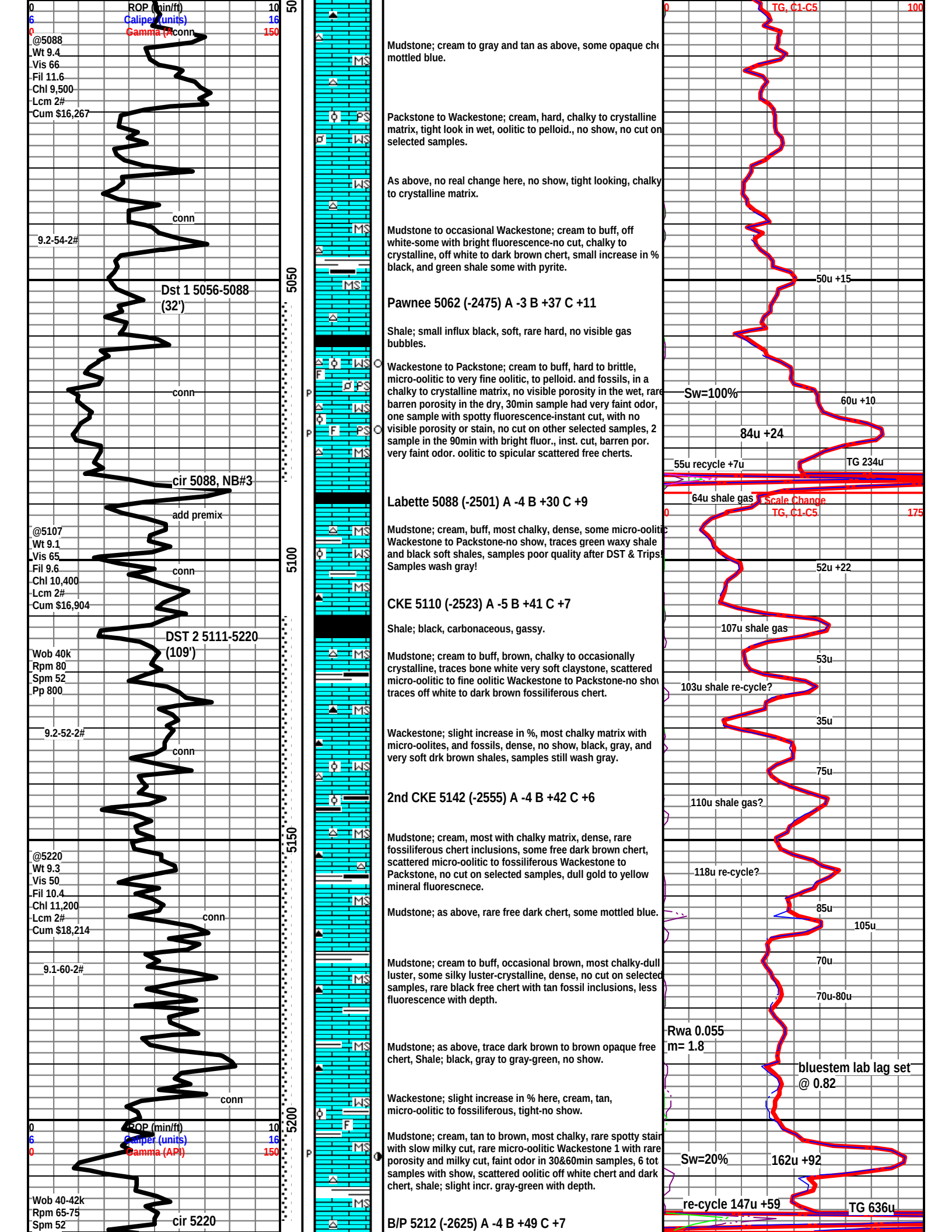
- Rft
- Sidewall

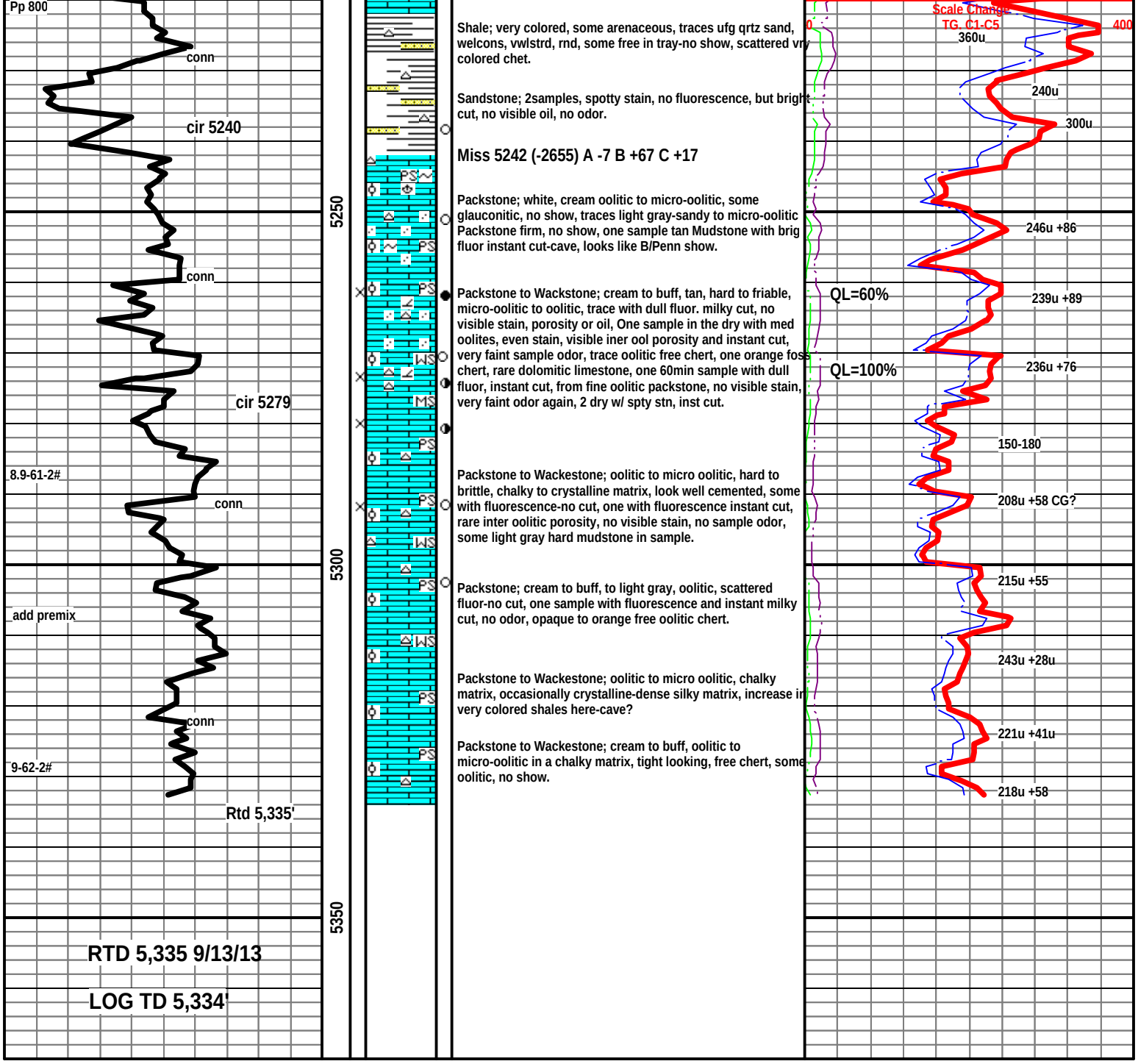

Curve Track 1
ROP (min/ft)
Caliper (units)
Gamma (API)
Depth
Porosity Type
Lithology
Oil Shows
Geological Descriptions
TG, C1-C5
TG (Units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
C5 (units)
0
ROP (min/ft)
10
6
Caliper (units)
16
0
Gamma (API)
150
0
TG, C1-C5
100
41
4200
4250
4300
Wob 40K
Rpm 80
Spm 56
Pp 850
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
conn
conn
conn
bluestem lag set @
0.80/100'
18u +5u
15u +3u shale gas
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.
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.


conn
Wob 40K
Rpm 80
Spm 54
Pp 800
9.2-45
conn
0 ROP (min/ft) 10
6 Caliper (units) 16
0 Gamma (A 150
conn
conn
conn
conn
conn
add premix
Spm 54
Pp 750
4350
4400
4450
4500
4550
Wackestone; fossiliferous, most chalky, no show.
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.
Shale; very slight increase in black, dark and light gray, rare gray-green to red, poor sample representation here.
Mudstone; off white, cream, rare brown, tight, fossiliferous, no show.
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,
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.
Shale; slight increase in %, gray, black, gray-green, soft to firm, some arenaceous.
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
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.
Mudstone; off white to cream, some tan, fossiliferous, tight looking, no show, rare free chert, slight increase in shale here.
Mudstone; cream to gray, hard tight, dull yellow mineral fluorescence no show, rare pyrite in the matirx.
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.
adjust gas trap!
34u +9u shale gas
Rwa 0.055
m= 1.8
Sw=64%
0 TG, C1-C5 100
36u +11
27u 30u
mud level in sample box changing!
44u +14
46u +10
45u-50u
40u
@4555 bluestem lag
0.82/100'
54u +9


conn
9-46-0#
conn
0 ROP (min/ft) 10
6 Caliper (units) 16
0 Gamma (API) 150
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
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
0 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!


conn
add premix-Lcm
0
ROP (min/ft)
10
6
Caliper (units)
16
0
Gamma (A
150
Wob 42k
Rpm 85
Spm 52
Pp 775/800
conn
9.2-51-2#
conn
Wob 42K
Rpm 65-70
Spm 52
Pp 800
conn
9.2-55-2#
conn
9.2-57-2#
conn
9.3-54-2#
4800
4850
4900
4950
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, ra 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
0
C2, C1-C5
100
71u
change out pump!
check equiment all OK!
42u
problem maintaining proper mud level in sample box!!
48-52u
61u shale gas
check equiment all OK!
65u +15
problem maintaining proper mud level in sample box!!
64u +23
64u +24
Rwa 0.055
m= 1.8
63u +28
Sw=85%
53u +23
check equipment and check zero, looks OK!


ROP (min/ft)
Caliper (units)
Gamma (API)
@5088
Wt 9.4
Vis 66
Fil 11.6
Chl 9,500
Lcm 2#
Cum $16,267
conn
9.2-54-2#
Dst 1 5056-5088
(32')
cir 5088, NB#3
add premix
@5107
Wt 9.1
Vis 65
Fil 9.6
Chl 10,400
Lcm 2#
Cum $16,904
DST 2 5111-5220
(109')
Wob 40k
Rpm 80
Spm 52
Pp 800
9.2-52-2#
@5220
Wt 9.3
Vis 50
Fil 10.4
Chl 11,200
Lcm 2#
Cum $18,214
9.1-60-2#
Wob 40-42k
Rpm 65-75
Spm 52
cir 5220
5050
5100
5150
5200
Mudstone; cream to gray and tan as above, some opaque che
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 fluorescnece.
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
TG, C1-C5
50u +15
Sw=100%
60u +10
84u +24
55u recycle +7u
TG 234u
64u shale gas
1 Scale Change
52u +22
107u shale gas
53u
103u shale re-cycle?
35u
75u
110u shale gas?
118u re-cycle?
85u
105u
70u
70u-80u
Rwa 0.055
m= 1.8
bluestem lab lag set
@ 0.82
Sw=20%
162u +92
re-cycle 147u +59
TG 636u


Pp 800
conn
cir 5240
conn
cir 5279
8.9-61-2#
conn
add premix
conn
9-62-2#
Rtd 5,335'
RTD 5,335 9/13/13
LOG TD 5,334'
5250
5300
5350
PS
WS
MS
Shale; very colored, some arenaceous, traces ufg qrtz sand, welcons, vwlstrd, rnd, some free in tray-no show, scattered vry colored chet.
Sandstone; 2samples, spotty stain, no fluorescence, 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 foss 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 Wackestone; oolitic to micro oolitic, hard to brittle, chalky to crystalline matrix, look well cemented, some with fluorescence-no cut, one with fluorescence 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 fluorescence and instant milky cut, no odor, opaque to orange free oolitic chert.
Packstone to Wackestone; oolitic to micro oolitic, chalky matrix, occasionally crystalline-dense silky matrix, increase in very colored shales here-cave?
Packstone to Wackestone; cream to buff, oolitic to micro-oolitic in a chalky matrix, tight looking, free chert, some oolitic, no show.
Scale Change
TG, C1-C5
0
400
360u
240u
300u
246u +86
QL=60%
239u +89
QL=100%
236u +76
150-180
208u +58 CG?
215u +55
243u +28u
221u +41u
218u +58