Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1153781

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 # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Jim Hall
Purchaser: None - D&A

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 #:

4/3/2013	4/14/2013	4/16/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-057-20883-00-00
Spot Description:
SW NE NE NW Sec. 16 Twp. 29 S. R. 24 ☐ East ☑ West
455 Feet from ☑ North / ☐ South Line of Section
2055 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: Ford Co L&C Co. Well #: 1-16
Field Name:
Producing Formation: None - D&A
Elevation: Ground: 2536 Kelly Bushing: 2548
Total Vertical Depth: 5360 Plug Back Total Depth:
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: 16700 ppm Fluid volume: 1200 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Vincent Oil Corporation
Lease Name: White License #: 5004
Quarter SW Sec. 6 Twp. 29 S. R. 22 ☐ East ☑ West
County: Ford Permit #: D30625

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: 08/01/2013
☑ **Confidential Release Date:** 08/01/2015
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 08/01/2013

1153781

Operator Name: Vincent Oil Corporation Lease Name: Ford Co L&C Co. Well #: 1-16

Sec. 16 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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

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

Name: Attached Top: Attached Datum: 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	65/35 POZ & Common	320	2-6% Gel, 3% CC & 0-1/4# Cel-Flake/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

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ 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	Ford Co L&C Co. 1-16
Doc ID	1153781

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Ford Co L&C Co. 1-16
Doc ID	1153781

Tops

Name	Top	Datum
Heebner Shale	4309	(-1761)
Brown Limestone	4445	(-1897)
Lansing	4456	(-1908)
Stark Shale	4783	(-2235)
Pawnee	5020	(-2472)
Cherokee Shale	5067	(-2519)
Base Penn Limestone	5169	(-2621)
Mississippian	5196	(-2648)
RTD	5360	(-2812)

QUALITY WELL SERVICE, INC.

5851

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
4-4-13	16	29	24	Ford	KS		11:15

Lease Land + Cattle | Well No. 1-16 | Location 3W 3N 1/4E of Bloom

Contractor Duke 1

Type Job Surface

Hole Size 12 1/4 | T.D.

Csg. 8 5/8 | Depth

Tbg. Size | Depth

Tool | Depth

Cement Left in Csg. | Shoe Joint

Meas Line | Displace 38.6

EQUIPMENT

Pumptrk 8	No.	David
Bulktrk 10	No.	Mike
Bulktrk 7	No.	Derek
Pickup	No.	

JOB SERVICES & REMARKS

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Ran 15 jts of 8 5/8 csg.

Established circulation with mud pump.

Mixed and pumped 220 sx 65/35 6% Gel 3% cc 1/4 c.f. 100 sx common 2% Gel 3% cc. Shut in 500 psi.

Cement circulated to pit

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

Street

City State

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

Cement Amount Ordered 220 sx 65/35 6% Gel 3% cc 1/4 c.f. 100 sx common 2% Gel 3% cc

Common	235
Poz. Mix	85
Gel.	14
Calcium	12
Hulls	
Salt	
Flowseal	82.50
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	346
Mileage	50

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
	8 5/8 Baffle Plate
	8 5/8 Wood Plug
Pumptrk Charge	Surface
Mileage	50
Tax	
Discount	
Total Charge	

X Signature Mike Godfrey

Taylor Printing, Inc.

QUALITY WELL SERVICE, INC.

5868

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 4/16/13	Sec. 16	Twp. 29	Range 24	County Ford	State KS	On Location 8:30 PM	Finish 1 AM

Lease Land & Cattle Well No. 1-16 Location Bloom KS 3W 3N 1/4E

Contractor Duke #1

Owner

Type Job PTA

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 7 7/8 T.D.

Csg. 4 1/2 P.P. Depth

Charge To Vincent O.L.

Tbg. Size Depth

Street

Tool Depth

City State

Cement Left in Csg. Shoe Joint

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

Meas Line Displace

Cement Amount Ordered 170 sx 60/40 4% Gel

EQUIPMENT

Pumptrk 6	No. Richard	Common	102
Bulktrk 4	No. Shawn	Poz. Mix	68
Bulktrk	No.	Gel.	6
Pickup	No.	Calcium	
		Hulls	
		Salt	
		Flowseal	42.50
		Kol-Seal	
		Mud CLR 48	
		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	176
		Mileage	50

JOB SERVICES & REMARKS

Rat Hole 30 sx 60/40 4% Gel

Mouse Hole 20 sx 60/40 4% Gel

Centralizers

Baskets

D/V or Port Collar

1st Plug 1660'
50 sx 60/40 4% Gel
Disp w H2O

2nd Plug 600'
50 sx 60/40 4% Gel
Disp w/ H2O

3rd 60'
20 sx 60/40 4% Gel

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
LMJ	50
Pumptrk Charge	PTA
Mileage	50
Tax	
Discount	
Total Charge	

X Signature

Taylor Printing, Inc.

DRILL STEM TEST REPORT

Vincent Oil Corp.

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

ATTN: Jim Hall

16-29s-24w Ford Ks.

Ford Co.L & C #1-16

Job Ticket: 50962 **DST#: 1**

Test Start: 2013.04.11 @ 08:37:55

GENERAL INFORMATION:

Formation: **Pawmee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:47:55
Time Test Ended: 16:43:55

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

Interval: 5005.00 ft (KB) To 5048.00 ft (KB) (TVD)
Total Depth: 5048.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

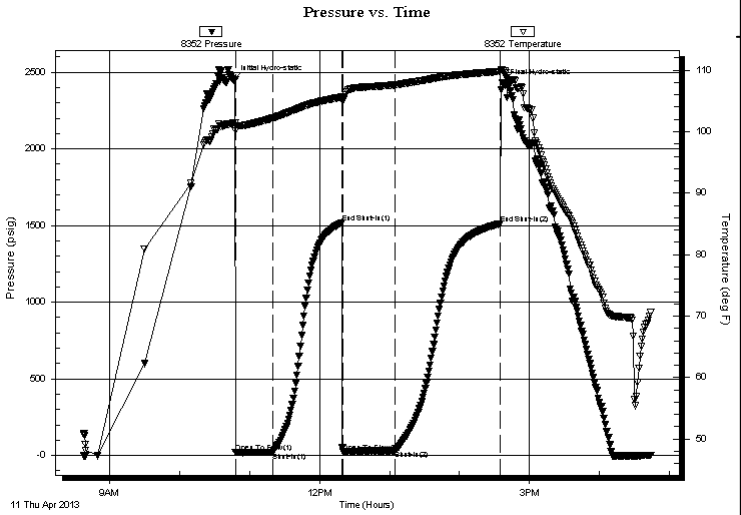
Reference Elevations: 2548.00 ft (KB)
2536.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8352 **Outside**

Press@RunDepth: 32.03 psig @ 5006.00 ft (KB)
Start Date: 2013.04.11 End Date: 2013.04.11
Start Time: 08:38:00 End Time: 16:43:54

Capacity: 8000.00 psig
Last Calib.: 2013.04.11
Time On Btm: 2013.04.11 @ 10:46:25
Time Off Btm: 2013.04.11 @ 14:36:55

TEST COMMENT: IF:Weak blow . 1/2 - 3".
ISI:No blow .
FF:Fair to strong blow . B.O.B. in 15 mins.
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2449.24	101.41	Initial Hydro-static
2	20.33	100.16	Open To Flow (1)
34	22.98	102.19	Shut-In(1)
93	1518.40	105.62	End Shut-In(1)
94	23.70	105.27	Open To Flow (2)
139	32.03	107.62	Shut-In(2)
229	1512.06	109.80	End Shut-In(2)
231	2425.85	109.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	780 ft.of GIP	0.00
35.00	SOC,GM 2%o 13%g 85%m	0.49

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

16-29s-24w Ford Ks.

Ford Co.L & C #1-16

Job Ticket: 50962 **DST#: 1**

Test Start: 2013.04.11 @ 08:37:55

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:	7700 ppm
Viscosity:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7700.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	780 ft.of GIP	0.000
35.00	SOC,GM 2%o 13%g 85%m	0.491

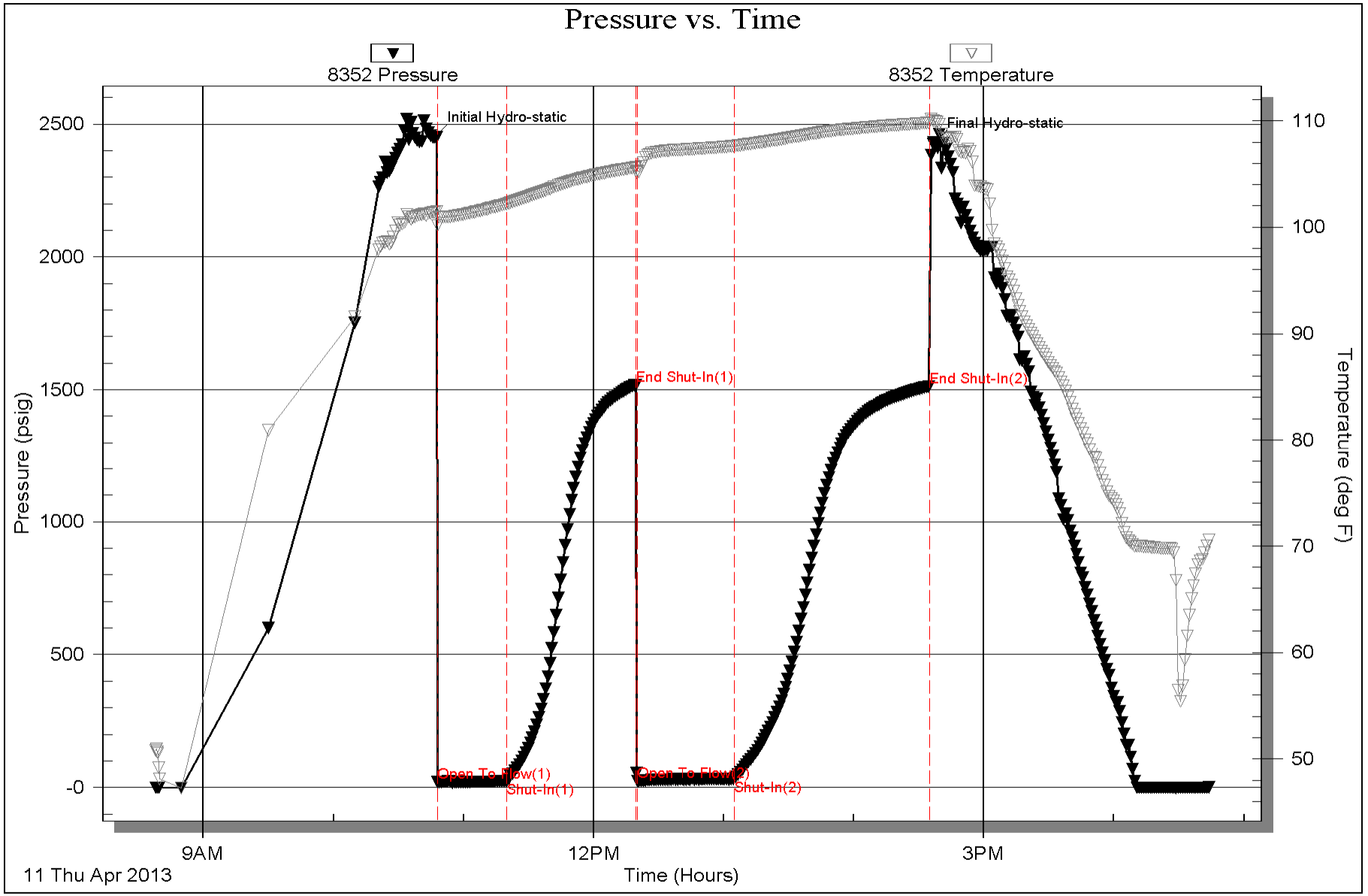
Total Length: 35.00 ft Total Volume: 0.491 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8352 **Outside** Vincent Oil Corp. Ford Co.L & C #1-16 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 50962 Printed: 2013.04.12 @ 12:01:54

DRILL STEM TEST REPORT

Vincent Oil Corp.

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

ATTN: Jim Hall

16-29s-24w Ford Ks.

Ford Co.L & C #1-16

Job Ticket: 50963 **DST#: 2**

Test Start: 2013.04.13 @ 12:00:57

GENERAL INFORMATION:

Formation: **B/P , Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:29:12
Time Test Ended: 21:52:27

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

Interval: 5067.00 ft (KB) To 5219.00 ft (KB) (TVD)
Total Depth: 5219.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

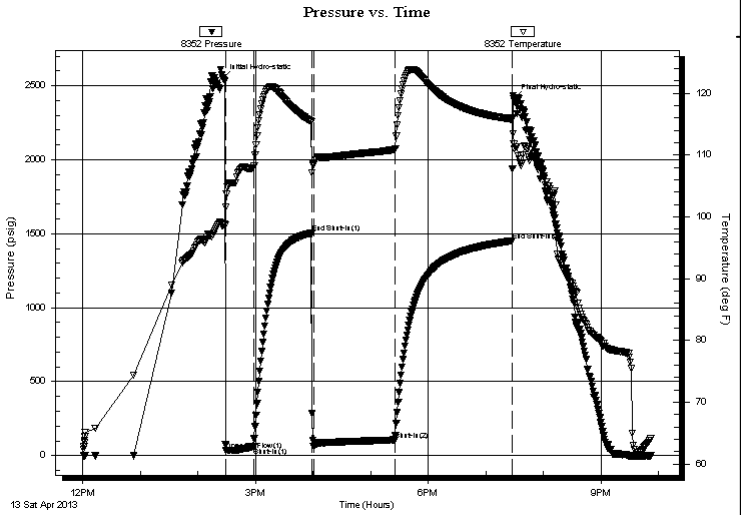
Reference Elevations: 2548.00 ft (KB)
2536.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8352 **Outside**

Press@RunDepth: 104.59 psig @ 5068.00 ft (KB)
Start Date: 2013.04.13 End Date: 2013.04.13
Start Time: 12:01:02 End Time: 21:52:27

Capacity: 8000.00 psig
Last Calib.: 2013.04.13
Time On Btm: 2013.04.13 @ 14:25:57
Time Off Btm: 2013.04.13 @ 19:29:12

TEST COMMENT: IF:Strong blow . B.O.B. in 70 secs.
ISI:GTS in 2 mins.(w hile bleeding off) No blow .
FF:Strong blow . (see gas flow report)
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2550.37	98.66	Initial Hydro-static
4	33.62	101.54	Open To Flow (1)
32	58.32	108.00	Shut-In(1)
93	1502.95	115.47	End Shut-In(1)
95	63.48	108.51	Open To Flow (2)
180	104.59	110.86	Shut-In(2)
302	1451.85	115.81	End Shut-In(2)
304	2410.85	111.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
105.00	GCM 12%g 88%m	1.47

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	23.00	59.33
Last Gas Rate	0.25	39.00	84.71
Max. Gas Rate	0.25	39.00	84.71

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

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

ATTN: Jim Hall

16-29s-24w Ford Ks.

Ford Co.L & C #1-16

Job Ticket: 50963 **DST#: 2**

Test Start: 2013.04.13 @ 12:00:57

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:	6500 ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.79 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6500.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
105.00	GCM 12%g 88%m	1.473

Total Length: 105.00 ft Total Volume: 1.473 bbl

Num Fluid Samples: 0 Num Gas Bombs: 1 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

16-29s-24w Ford Ks.

Ford Co.L & C #1-16

Job Ticket: 50963 **DST#: 2**

Test Start: 2013.04.13 @ 12:00:57

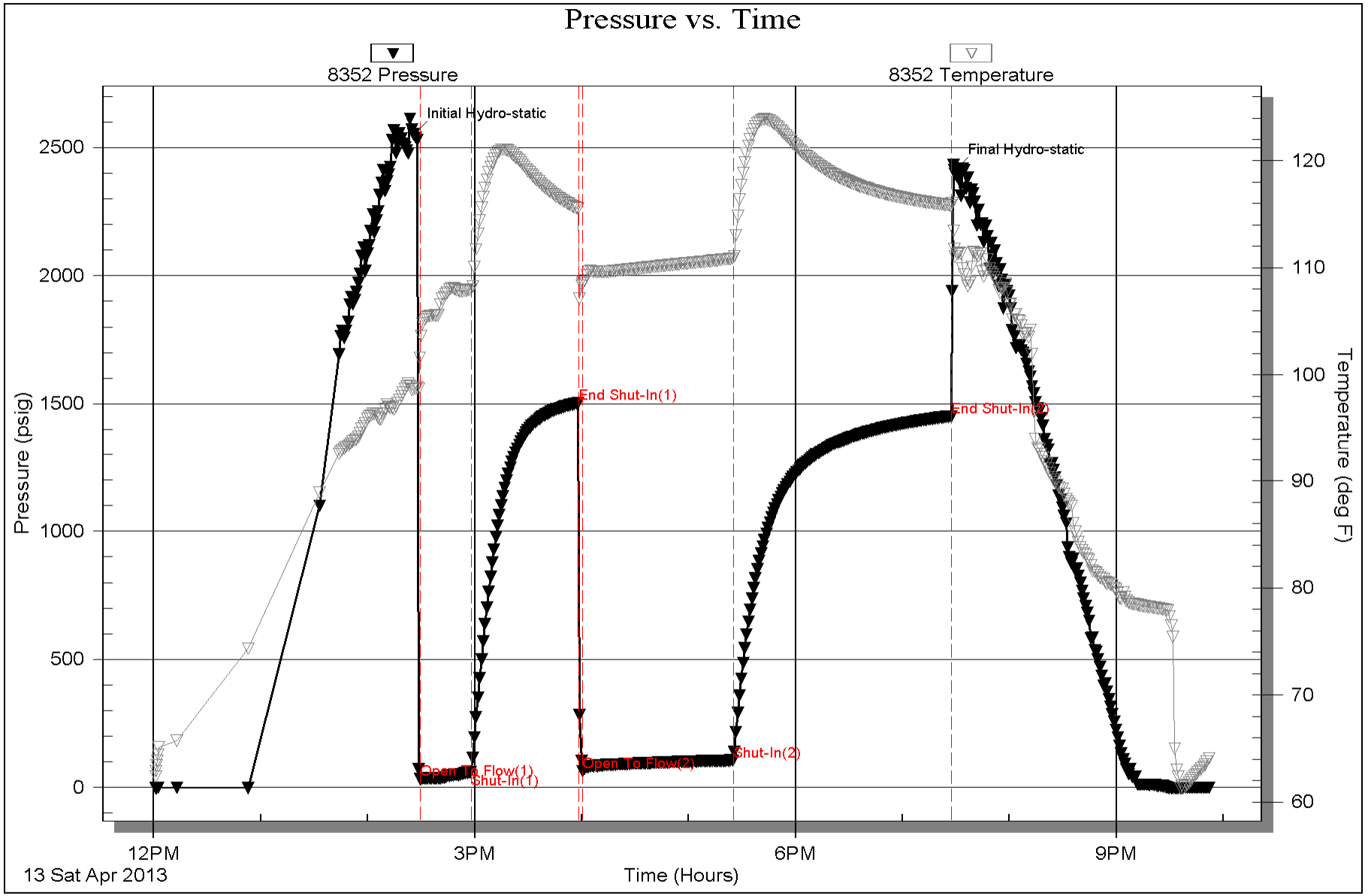
Gas Rates Information

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)
2	10	0.25	23.00	59.33
2	20	0.25	28.00	67.26
2	30	0.25	30.00	70.44
2	40	0.25	33.00	75.20
2	50	0.25	35.00	78.37
2	60	0.25	36.00	79.95
2	70	0.25	37.00	81.54
2	80	0.25	38.00	83.13
2	90	0.25	39.00	84.71

Serial #: 8352 **Outside** Vincent Oil Corp. Ford Co.L & C #1-16 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 50963 Printed: 2013.04.13 @ 23:24:13

DRILL STEM TEST REPORT

Vincent Oil Corp.

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

ATTN: Jim Hall

16-29s-24w Ford Ks.

Ford Co.L & C #1-16

Job Ticket: 50478 **DST#: 3**

Test Start: 2013.04.15 @ 03:36:07

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:20:22
Time Test Ended: 13:28:37

Test Type: Conventional Straddle (Reset)
Tester: Ryan Reynolds
Unit No: 48

Interval: 5205.00 ft (KB) To 5244.00 ft (KB) (TVD)
Total Depth: 5360.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

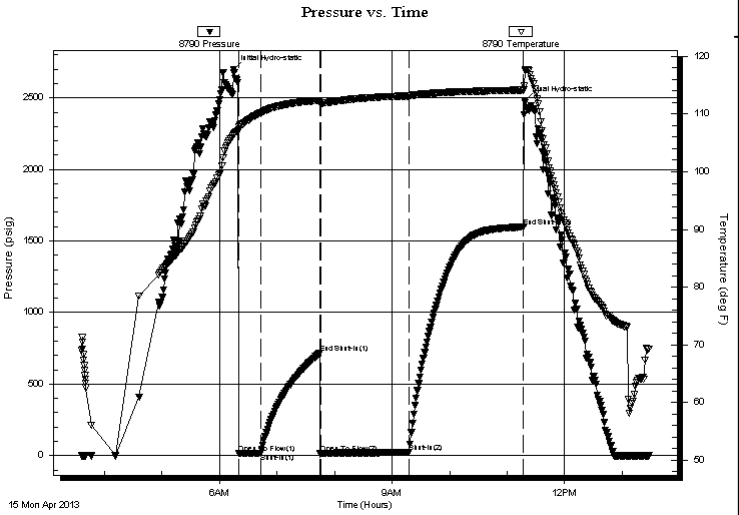
Reference Elevations: 2548.00 ft (KB)
2536.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8790 **Inside**

Press@RunDepth: 21.03 psig @ 5206.00 ft (KB)
Start Date: 2013.04.15 End Date: 2013.04.15
Start Time: 03:36:12 End Time: 13:28:37

Capacity: 8000.00 psig
Last Calib.: 2013.04.15
Time On Btm: 2013.04.15 @ 06:14:52
Time Off Btm: 2013.04.15 @ 11:18:37

TEST COMMENT: IF: Strong blow . BOB immed. No GTS.
ISI: No blow
FF: Strong blow . BOB immed. No GTS.
FSI: No blow (GTS 10min. into bleedoff)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2698.54	106.42	Initial Hydro-static
6	13.34	107.70	Open To Flow (1)
29	15.33	110.22	Shut-In(1)
90	716.75	112.35	End Shut-In(1)
91	14.17	111.93	Open To Flow (2)
184	21.03	113.15	Shut-In(2)
303	1597.43	114.15	End Shut-In(2)
304	2481.51	117.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	5169' GIP	0.00
30.00	SLI GCM 2%gas, 98%mud	0.42

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Vincent Oil Corp.

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

ATTN: Jim Hall

16-29s-24w Ford Ks.

Ford Co.L & C #1-16

Job Ticket: 50478 **DST#: 3**

Test Start: 2013.04.15 @ 03:36:07

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:20:22
Time Test Ended: 13:28:37

Test Type: Conventional Straddle (Reset)
Tester: Ryan Reynolds
Unit No: 48

Interval: 5205.00 ft (KB) To 5244.00 ft (KB) (TVD)
Total Depth: 5360.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

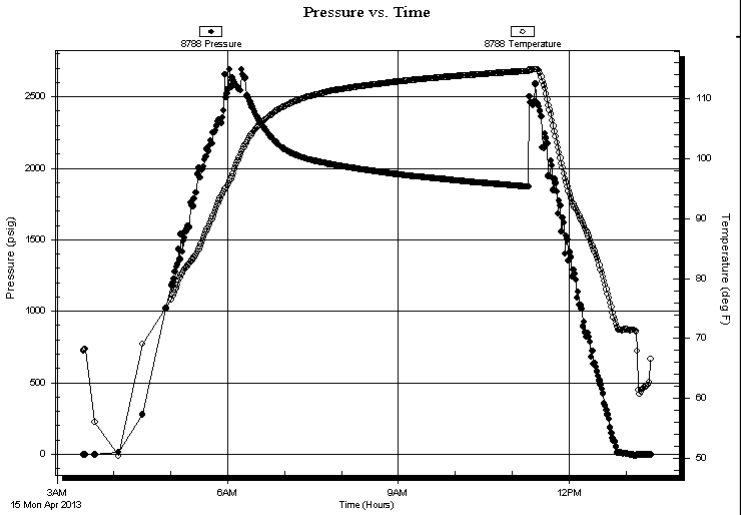
Reference Elevations: 2548.00 ft (KB)
2536.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8788 **Below (Straddle)**

Press@RunDepth: psig @ 5248.00 ft (KB)
Start Date: 2013.04.15 End Date: 2013.04.15
Start Time: 03:28:05 End Time: 13:26:00

Capacity: 8000.00 psig
Last Calib.: 2013.04.15
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Strong blow . BOB immed. No GTS.
ISI: No blow
FF: Strong blow . BOB immed. No GTS.
FSI: No blow (GTS 10min. into bleedoff)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	5169' GIP	0.00
30.00	SLI GCM 2%gas, 98%mud	0.42

* Recovery from multiple tests

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

16-29s-24w Ford Ks.

Ford Co.L & C #1-16

Job Ticket: 50478 **DST#: 3**

Test Start: 2013.04.15 @ 03:36:07

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:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.79 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
0.00	5169' GIP	0.000
30.00	SLI GCM 2%gas, 98%mud	0.421

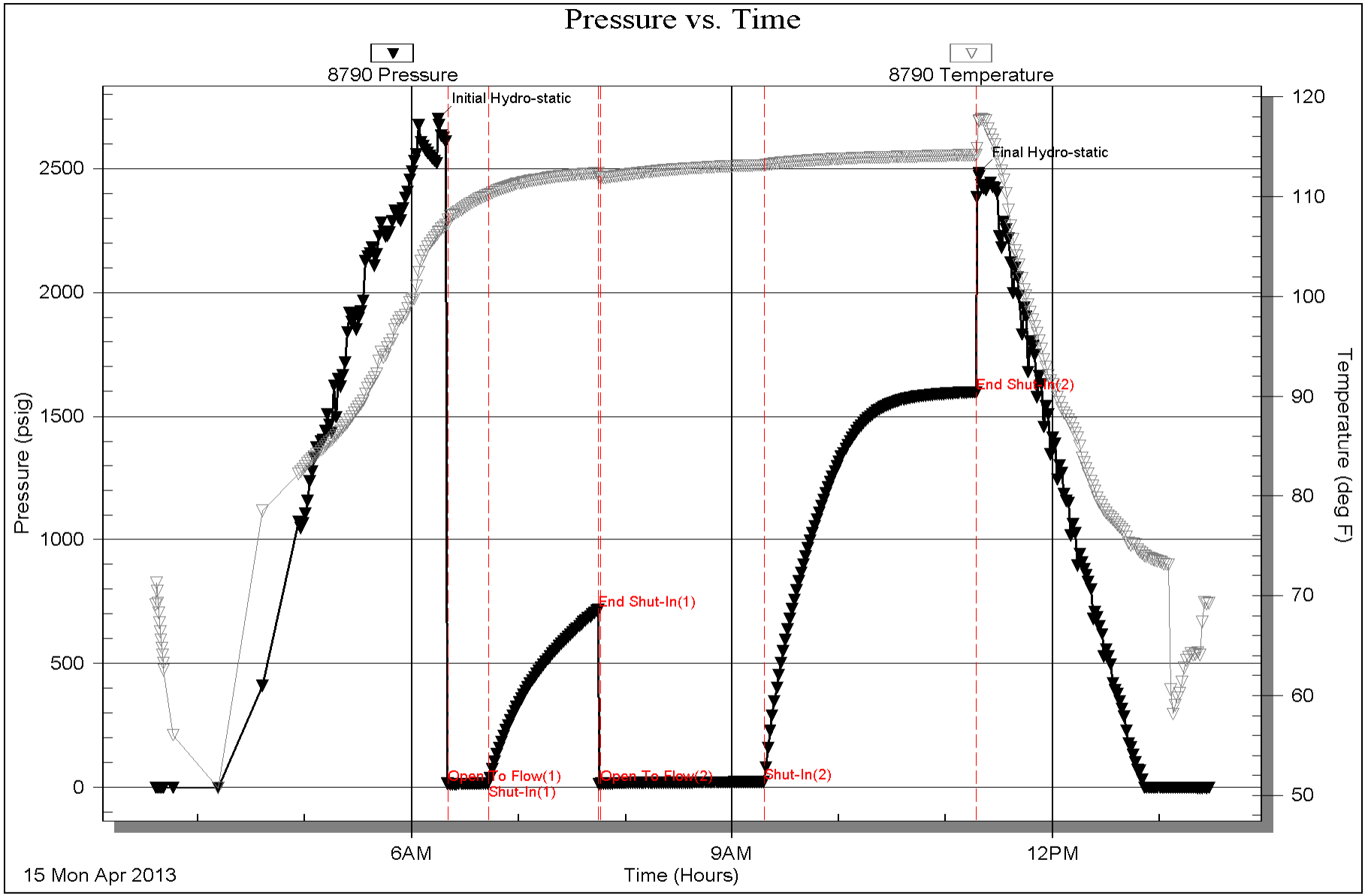
Total Length: 30.00 ft Total Volume: 0.421 bbl

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

Laboratory Name: Laboratory Location:

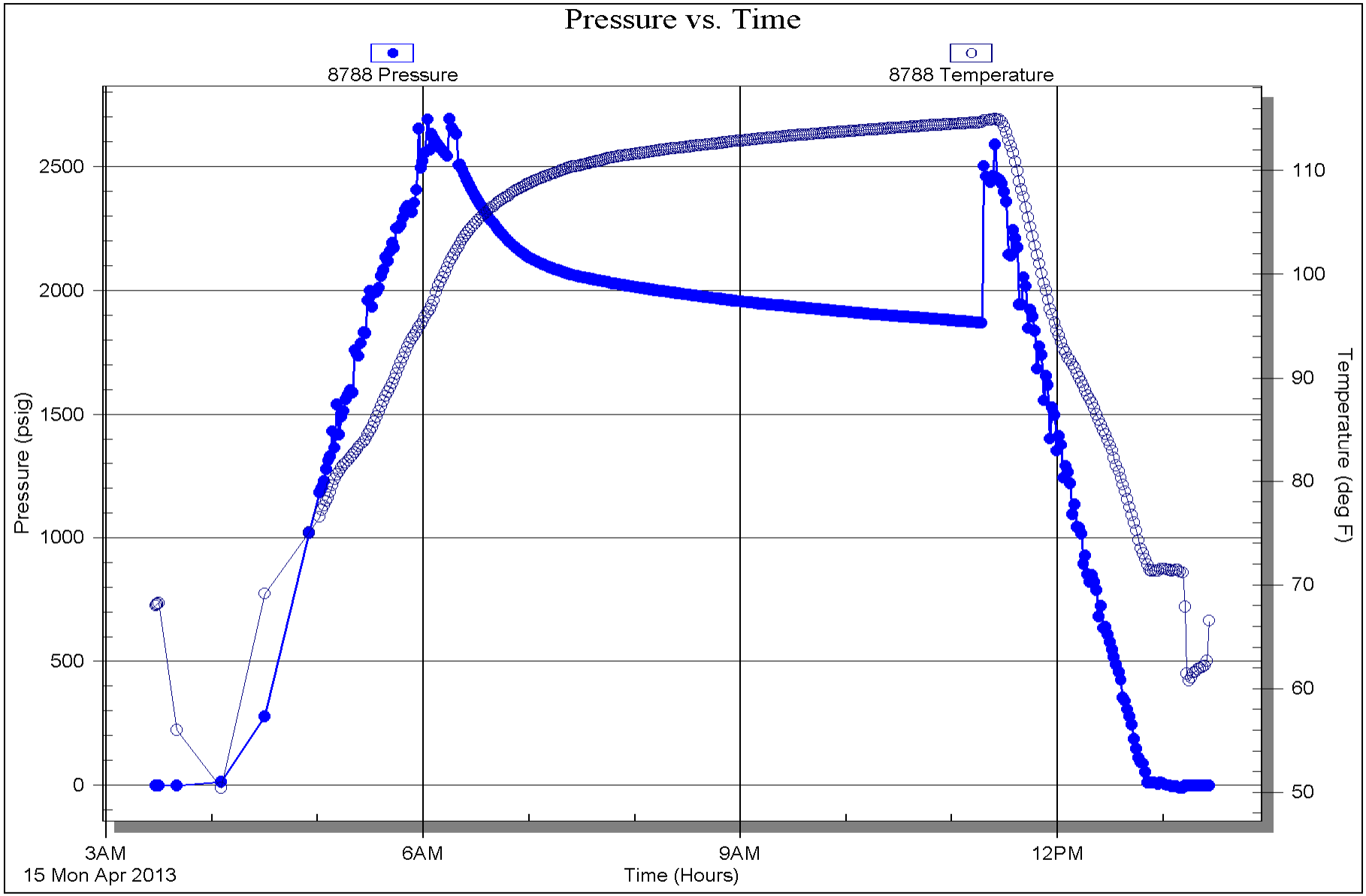
Recovery Comments:

Serial #: 8790 **Inside** Vincent Oil Corp. Ford Co.L & C #1-16 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 50478 Printed: 2013.04.15 @ 13:42:07

Serial #: 8788 Below (Straddle) Valiant Oil Corp. Ford Co.L & C #1-16 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 50478 Printed: 2013.04.15 @ 13:42:07

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name:	**VINCENT OIL COR. FORD CO. LAND & CATTLE CO. #1-16**		
Location:	**SW NE NE NW SEC. 16, T29S, R24W, FORD CO. KANSAS**		
License Number:	**15-057-20883-00-00**	**Region:**	**WILDCAT**
Spud Date:	**4/3/13**	**Drilling Completed:**	**4/14/13**
Surface Coordinates:	**455' FNL, 2,055' FWL**		
Bottom Hole Coordinates:			
Ground Elevation (ft):	**2,536'**	**K.B. Elevation (ft):**	**2,548'**
Logged Interval (ft):	**4,200' To: 5,360'**	**Total Depth (ft):**	**5,360'**
Formation:	**MISSISSIPPI**		
Type of Drilling Fluid:	**NATIVE MUD TO 3,763', CHEMICAL GEL TO RTD.**		

OPERATOR

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

GEOLOGIST

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

Comments

Drilling contractor: Duke Drilling, Rig #1, Tool Pusher: Mike Godfrey.

Surface Casing: 8 5/8" set at 646' w/320sx, did circulate.

During construction of the location, approximately 3' was added to ground level. No correction to GL or KB has been made.

Trip for new bit #3 @ 5,000' and drop survey. Did not circulate bottoms up prior to bit trip.

Trip for new bit #4 @ 5,133' and strap pipe (0.19' short to the board). Did not circulate bottoms up prior to bit trip.

Deviation Surveys: 1.0 @ 649', 0.75 @ 1,148', 0.75 @ 1,651', 1.0 @ 2,153', 1.0 @ 5,000', 1.0 @ 5,360', @ 5,360' 1.25.

Bit Record:
#1 12 1/4" RR in @ surface, out @ 649' made 649' in 6hrs.
#2 7 7/8" Varel HE 21 in @ 649', out @ 5,000', made 4,351' in 103.25hrs.
#3 7 7/8" Varel HE 29 RR in @ 5,000', out @ 5,133', made 133' in 11hrs.
#4 7 7/8" Varel HE 29 New in @ 5,133' out @ 5,360', made 227' in 14.5hrs..

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

Gas Detector: Blue Stem Logging, unit #0259. Digital Output. Hotwire gas values and drilling time was taken from the digital chart and place on the Plotted Strip Log.

Mud System: Mud-Co/Service Mud. Chemical Gel system @ 3,763', Mud Engineer: Terry Ison & Justin Whitten.

DST Co. Trilobite Testing Co., Tester: Gary Pevoteaux and Ryan Reynolds (Pratt Office).

Open Hole Logs: Nabors Completaion & Porduction Services Co. (Hays Kansas), Logging Engineer: Jeff Groneweg.
DIL, CDL/CNL/PE, MEL/SON.

Reference Wells: "A" Vincent Lokken #1-29 NE/4 29-T29S-R24W, "B" Sterling Drilling Clark #1 SE/4 5-T29S-R24W.

All tops displayed on the Strip Log are E-log.

Note: The open hole log, gamma ray and caliper curves have been placed on this sample strip log.

Status: P&A 4/15/13.

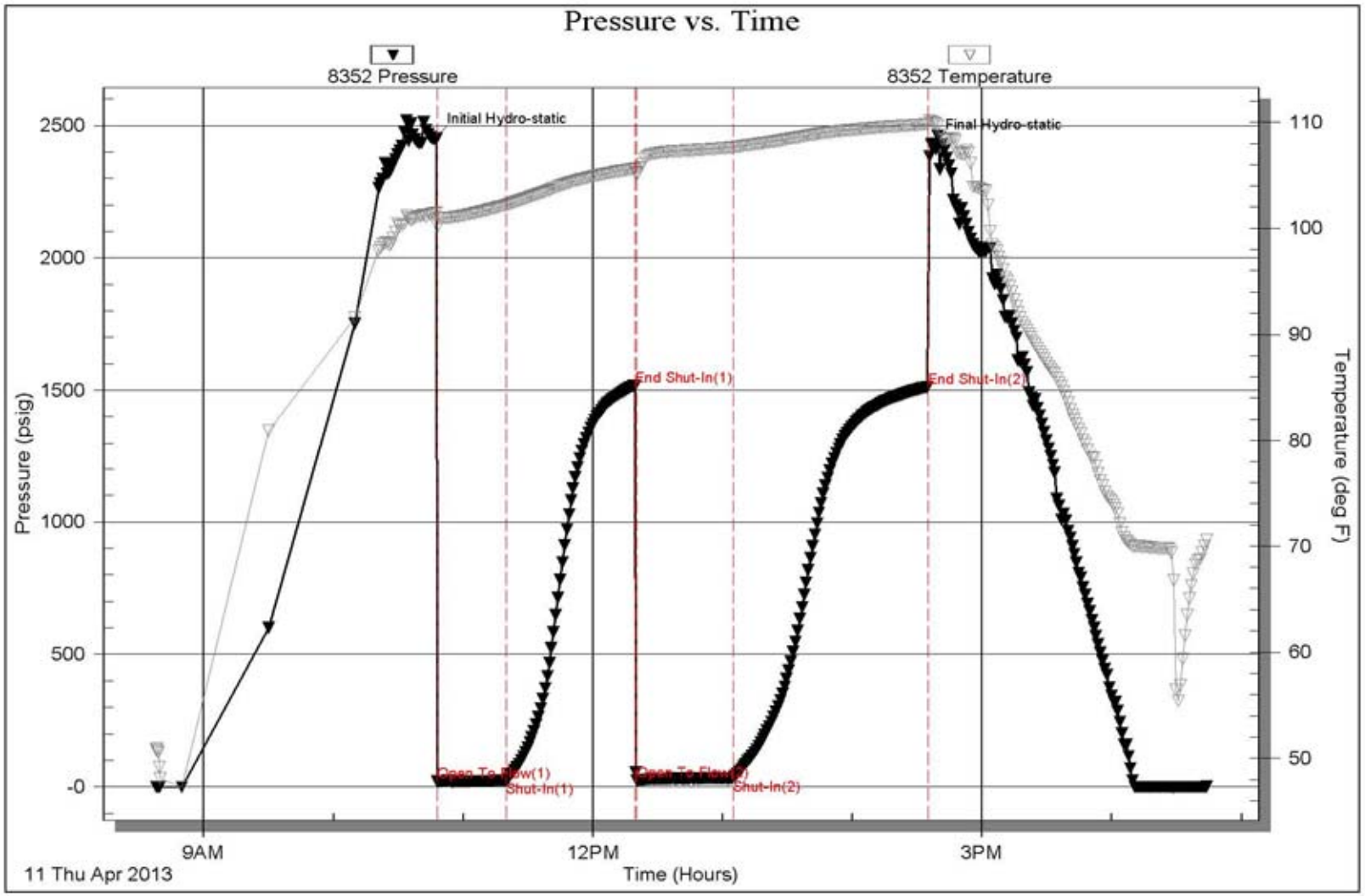
DSTs

DST #1 Pawnee 5,005 - 5,048 (43' anchor) 30-60-45-90 IH 2449, IF 20-23 (weak 3" blow), ISI 1518, FF 24-32 (BOB 15min), FSI 1512 FH 2426. Rec; 780' GIP, 35' SOCGM (13%gas, 2%oil, 85%mud), BHT 110F.

DST #2 5,067' - 5,219' (152') B/P & Miss. 30-60-90-120, IH 2550, IF 34-58 (BOB 70sec, GTS in 30min TSTM), ISI 1503, FF 63-105 (1/4"orifice); 10=59mcf,20=67mcf,30=70mcf,40=75mcf,50=78mcf,60=80mcf, 70=82mcf,80=83mcf,90=85mcf), FSI 1452, FH 2411, Rec; 105' GCM (12%gas,88%mud), BHT 116F, mud chl 6,500 ppm. Took gas sample, also the flame was blue-orange when ignited.

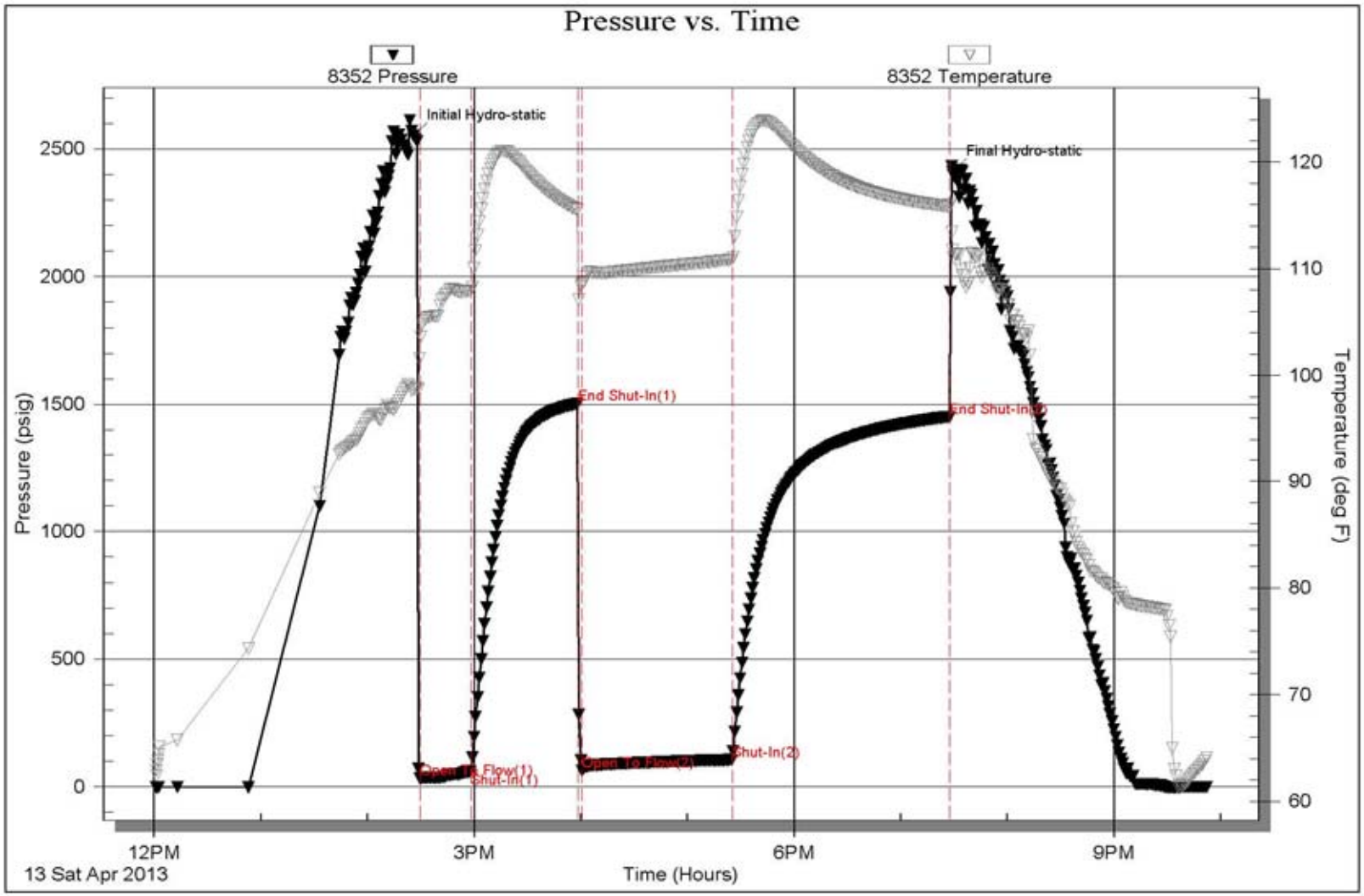
DST #3 5,205' - 5,244' (39') Mississippi, plus (116' anchor), 25-60-90-120, IH 2698, IF 13-15 (BOB immd.), ISI 716, FF 14-21 (BOB immd.), FSI 1597, FH 2481, Rec; 5,169' GIP, 30' SGCM (2%gas, 98%mud), BHT 117F.

Serial #: 8352 **Outside** Vincent Oil Corp. Ford Co.L & C #1-16 DST Test Number: 1



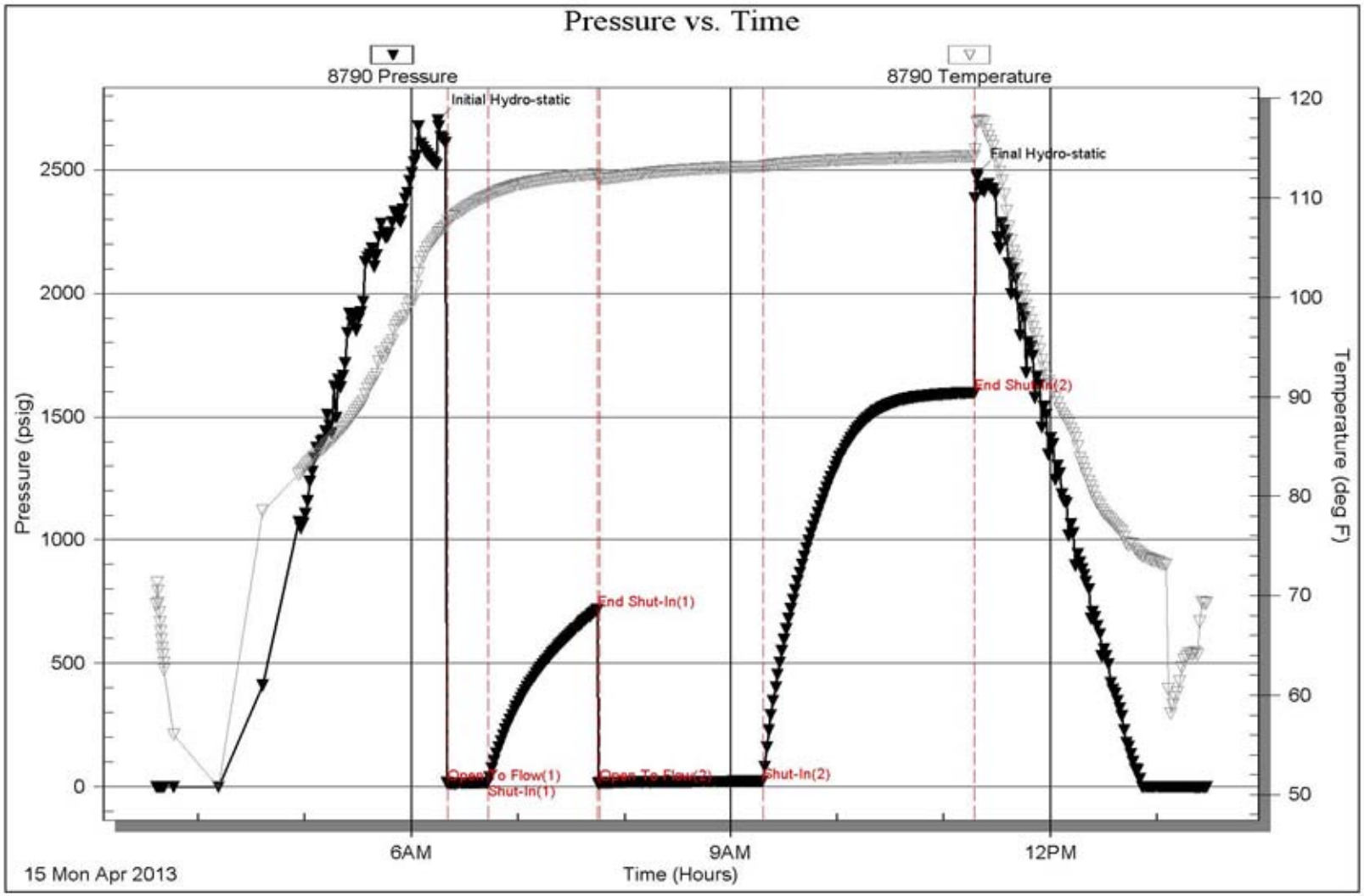
Trilobite Testing, Inc Ref. No: 50962 Printed: 2013.04.12 @ 12:01:54

Serial #: 8352 **Outside** Vincent Oil Corp. Ford Co.L & C #1-16 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 50963 Printed: 2013.04.13 @ 23:24:13

Serial #: 8790 **Inside** Vincent Oil Corp. Ford Co.L & C #1-16 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 50478 Printed: 2013.04.15 @ 13:42:07

Other

CARBONATE 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
- 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

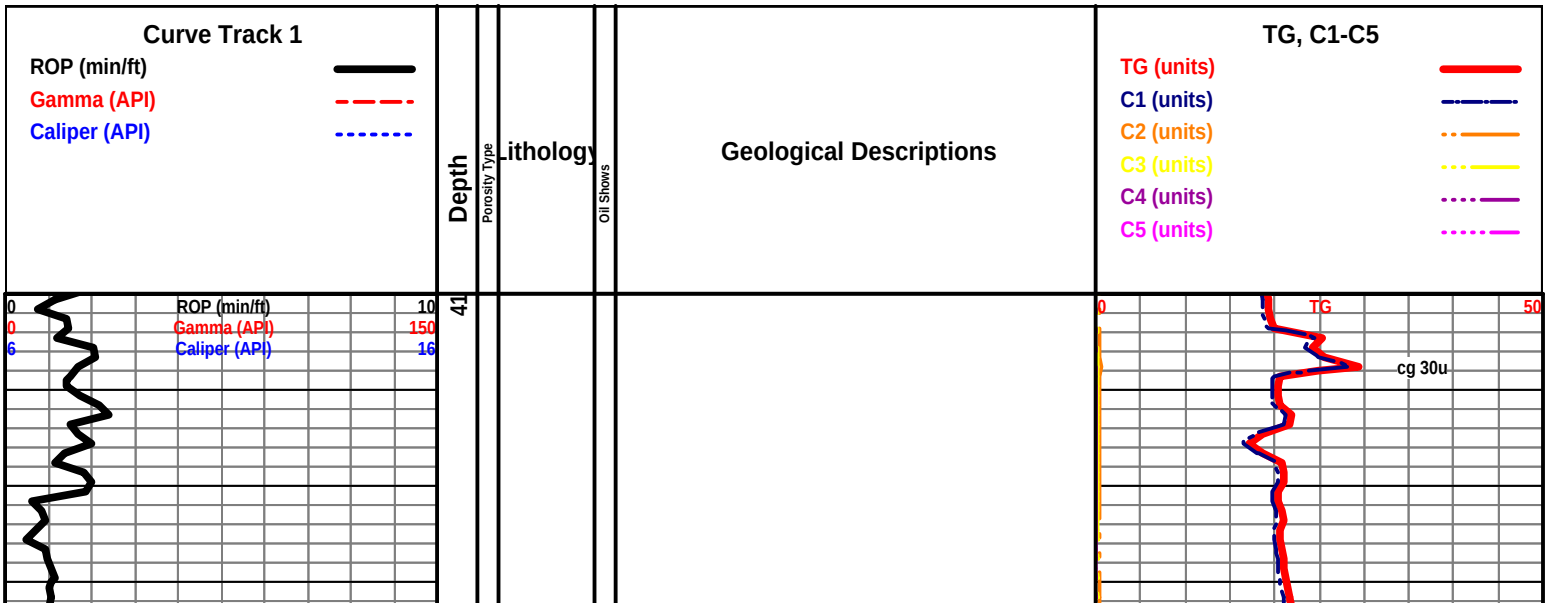
- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pelloidal
- Pisolite
- Plant
- Strom
- Fuss
- Oomoldic

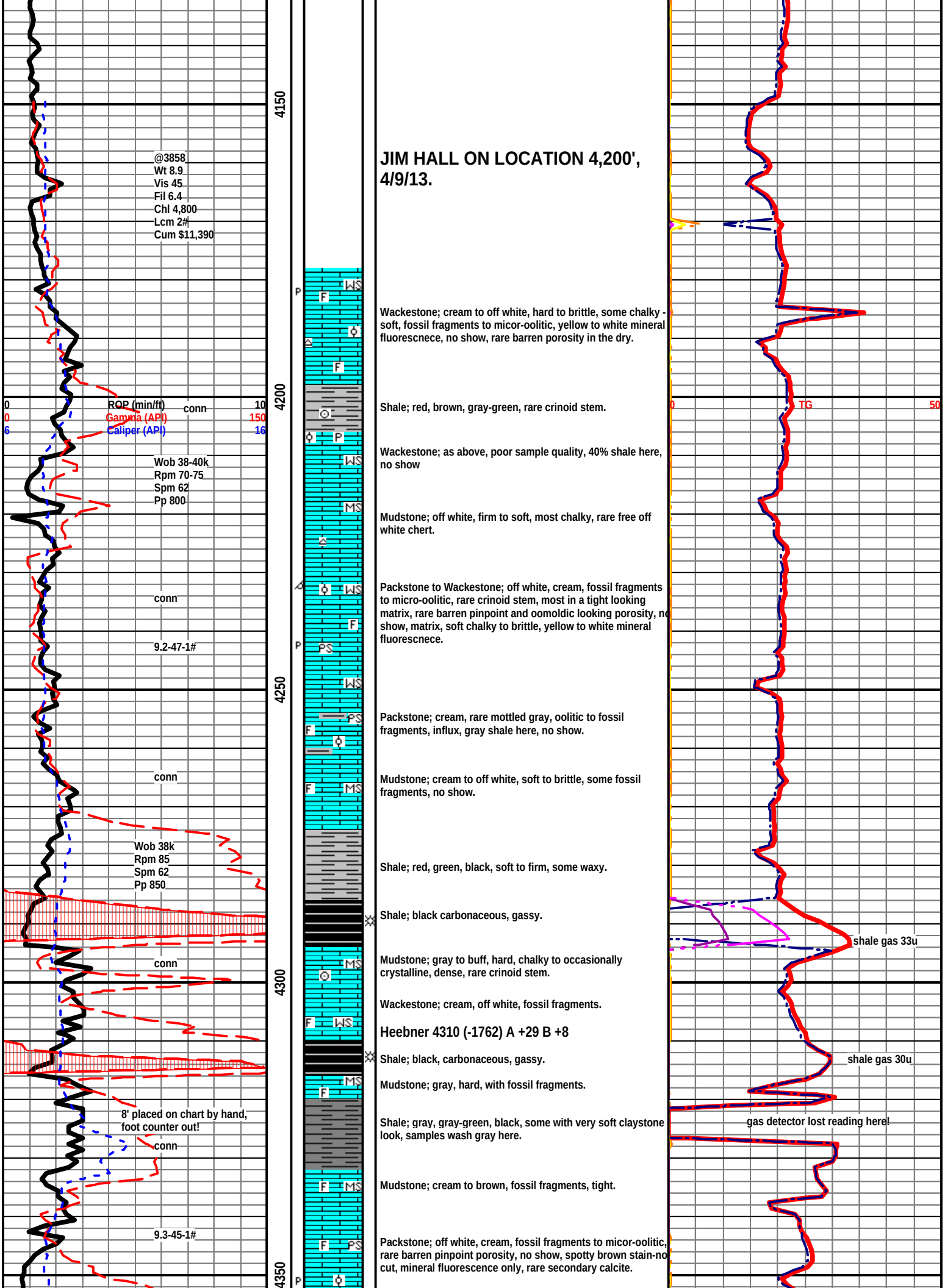
STRINGER

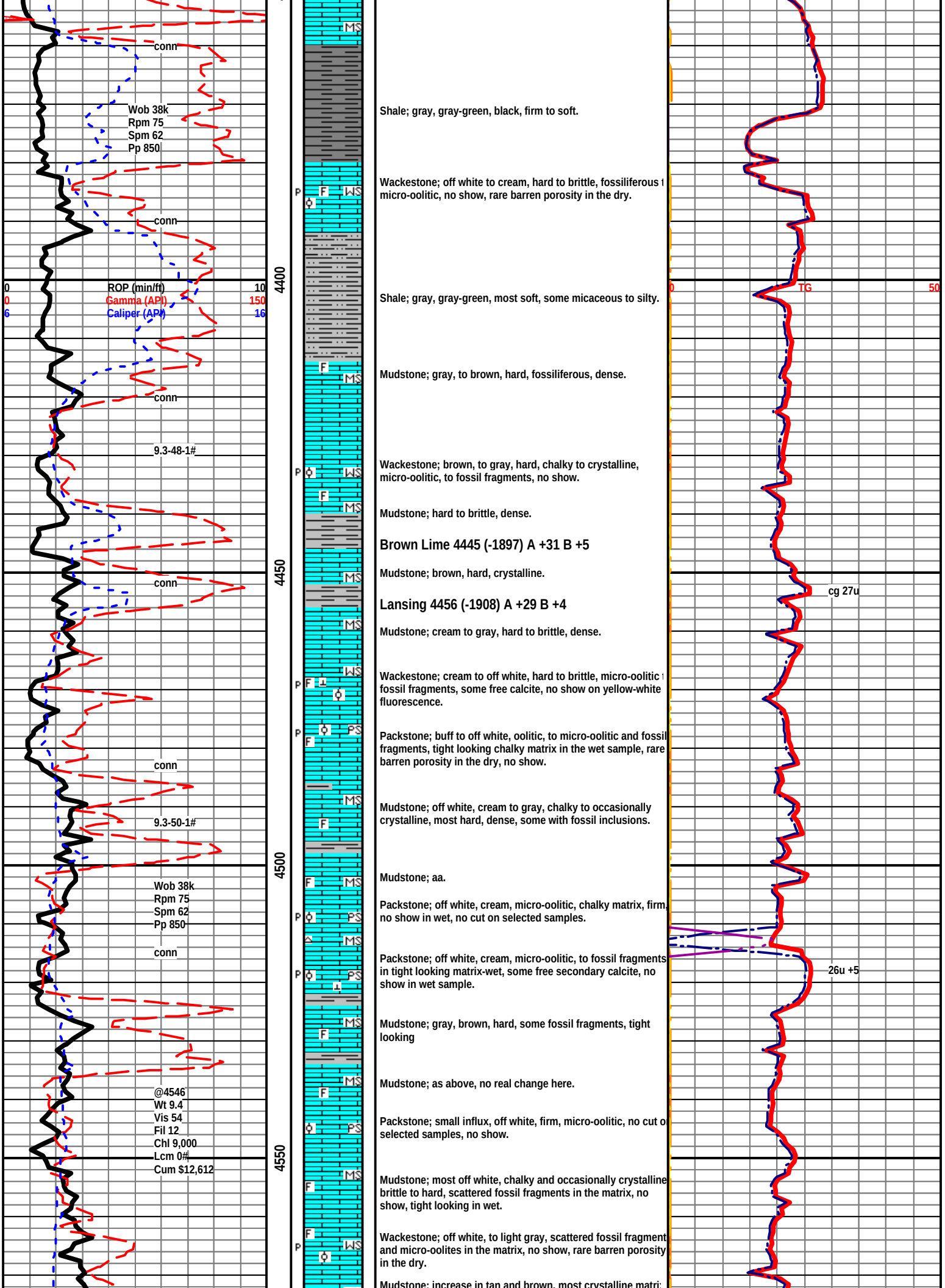
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

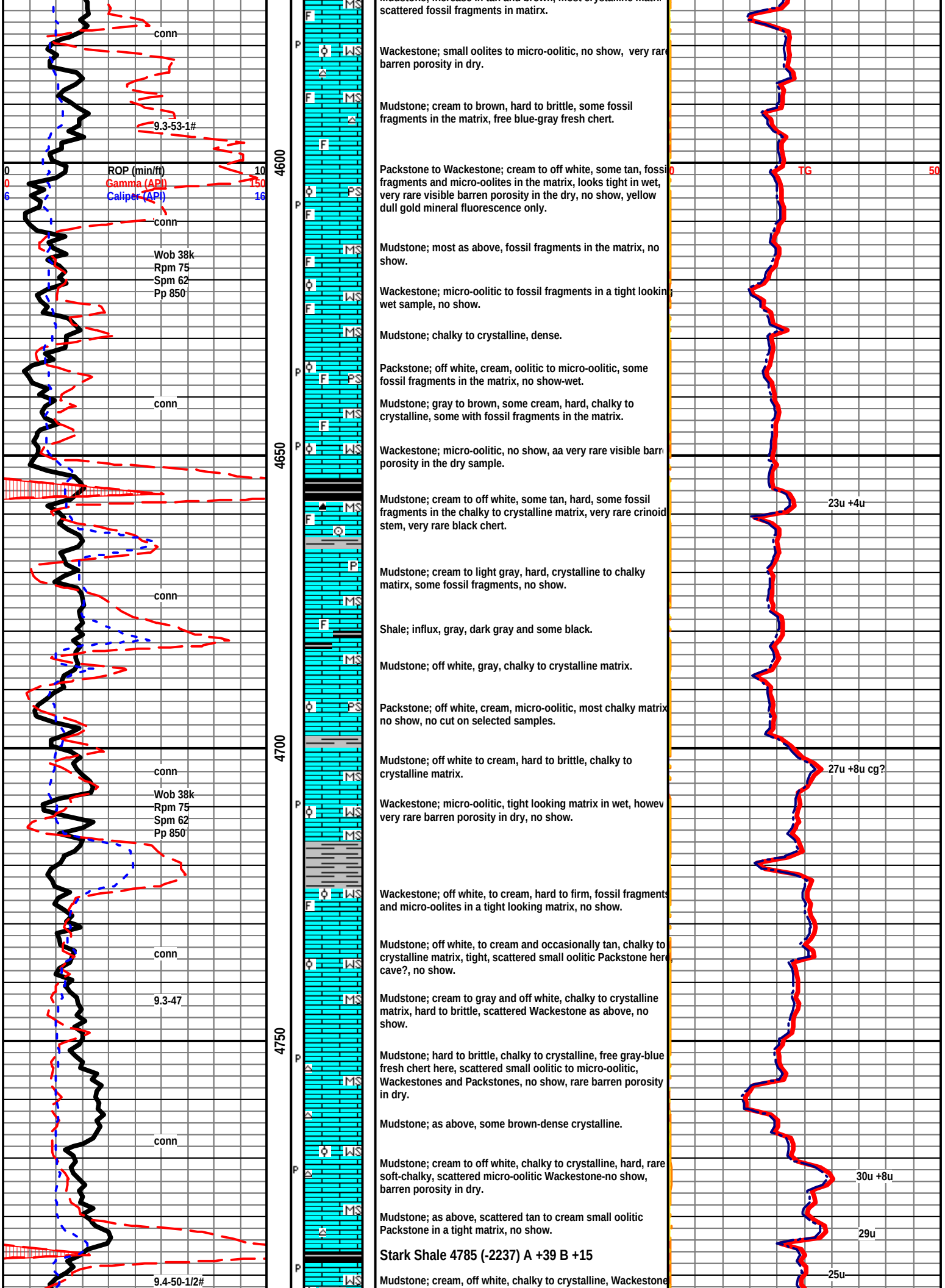
TEXTURE

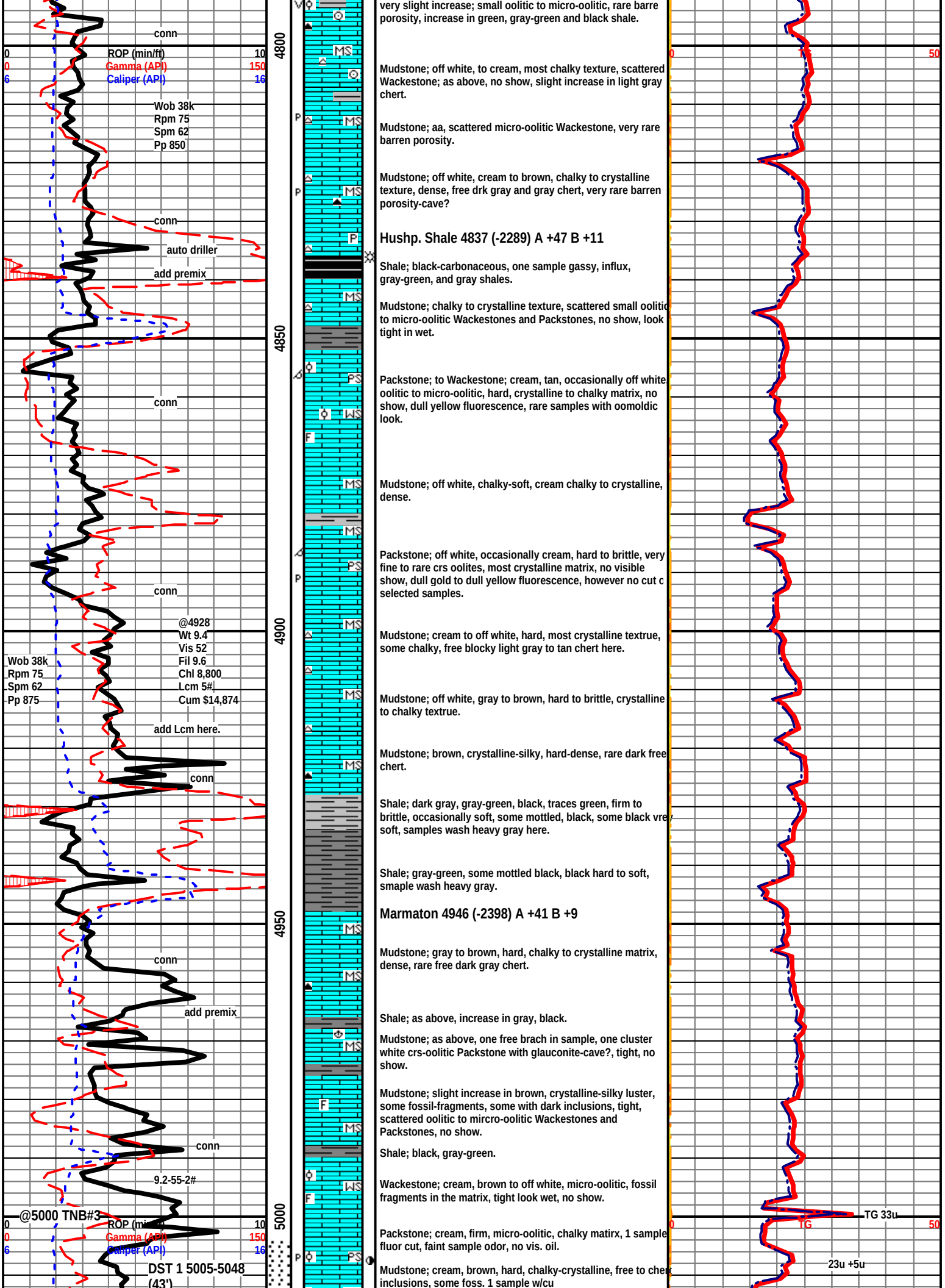
- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

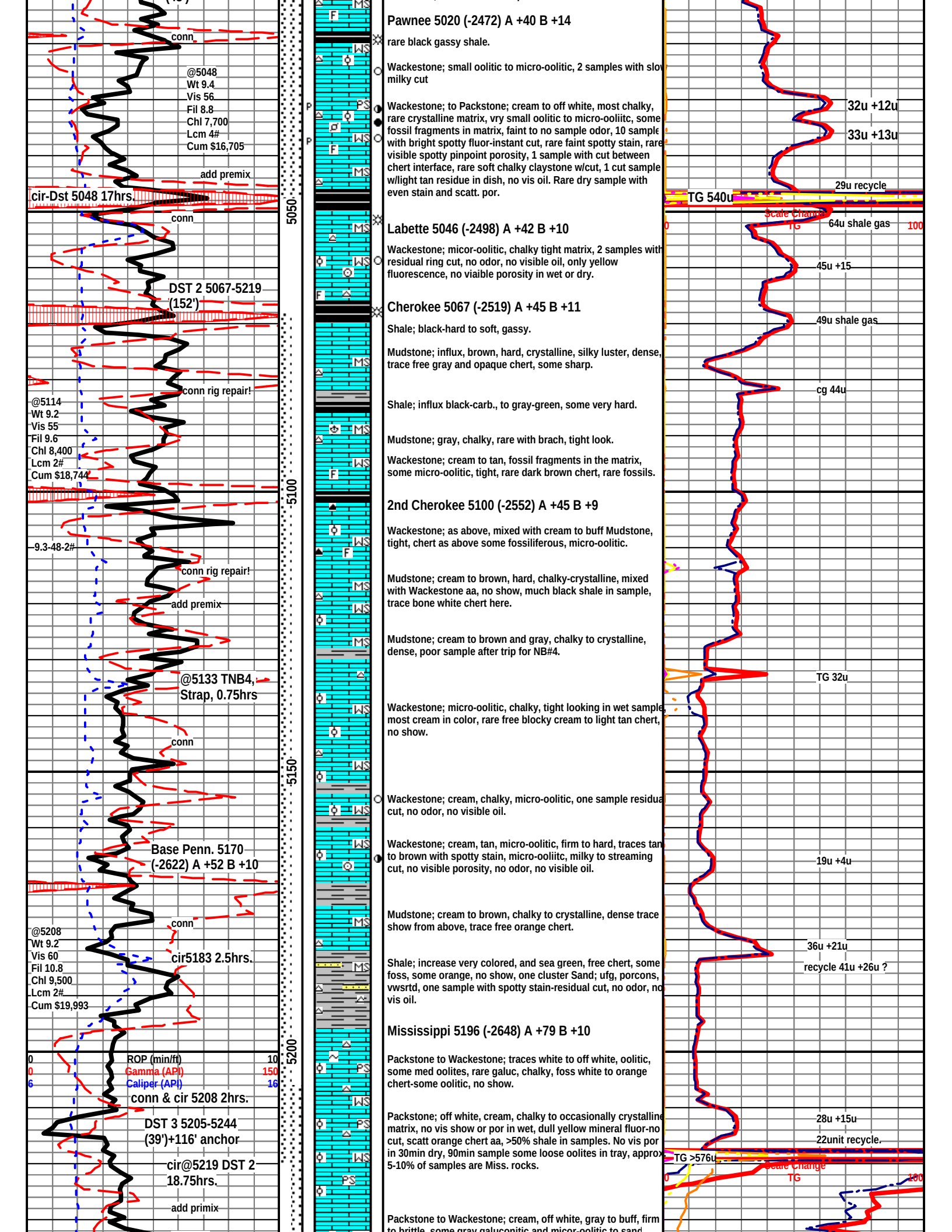


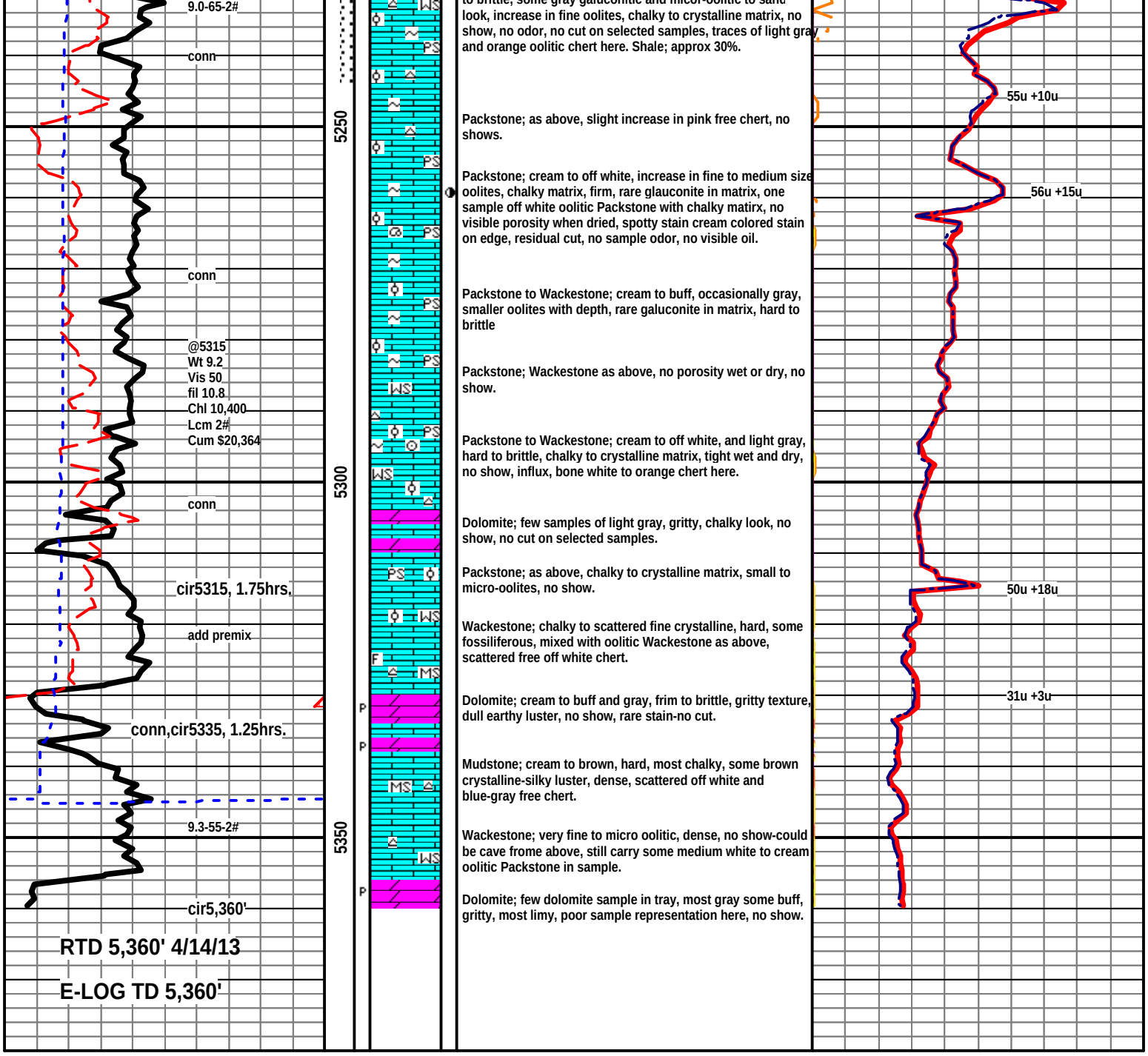

JIM HALL ON LOCATION 4,200', 4/9/13.
@3858
Wt 8.9
Vis 45
Fil 6.4
Chl 4,800
Lcm 2#
Cum $11,390
0
ROP (min/ft)
conn
10
0
Gamma (API)
150
6
Caliper (API)
16
Wob 38-40k
Rpm 70-75
Spm 62
Pp 800
conn
9.2-47-1#
conn
Wob 38k
Rpm 85
Spm 62
Pp 850
conn
8' placed on chart by hand, foot counter out!
conn
9.3-45-1#
4150
4200
4250
4300
4350
Wackestone; cream to off white, hard to brittle, some chalky - soft, fossil fragments to micor-oolitic, yellow to white mineral fluorescnece, no show, rare barren porosity in the dry.
Shale; red, brown, gray-green, rare crinoid stem.
Wackestone; as above, poor sample quality, 40% shale here, no show
Mudstone; off white, firm to soft, most chalky, rare free off white chert.
Packstone to Wackestone; off white, cream, fossil fragments to micro-oolitic, rare crinoid stem, most in a tight looking matrix, rare barren pinpoint and oomoldic looking porosity, no show, matrix, soft chalky to brittle, yellow to white mineral fluorescnece.
Packstone; cream, rare mottled gray, oolitic to fossil fragments, influx, gray shale here, no show.
Mudstone; cream to off white, soft to brittle, some fossil fragments, no show.
Shale; red, green, black, soft to firm, some waxy.
Shale; black carbonaceous, gassy.
Mudstone; gray to buff, hard, chalky to occasionally crystalline, dense, rare crinoid stem.
Wackestone; cream, off white, fossil fragments.
Heebner 4310 (-1762) A +29 B +8
Shale; black, carbonaceous, gassy.
Mudstone; gray, hard, with fossil fragments.
Shale; gray, gray-green, black, some with very soft claystone look, samples wash gray here.
Mudstone; cream to brown, fossil fragments, tight.
Packstone; off white, cream, fossil fragments to micor-oolitic, rare barren pinpoint porosity, no show, spotty brown stain-no cut, mineral fluorescence only, rare secondary calcite.
0
TG
50
shale gas 33u
shale gas 30u
gas detector lost reading here!


conn
Wob 38k
Rpm 75
Spm 62
Pp 850
conn
0
ROP (min/ft)
10
0
Gamma (API)
150
6
Caliper (API)
16
conn
9.3-48-1#
conn
conn
9.3-50-1#
Wob 38k
Rpm 75
Spm 62
Pp 850
conn
@4546
Wt 9.4
Vis 54
Fil 12
Chl 9,000
Lcm 0#
Cum $12,612
4400
4450
4500
4550
MS
P
F
WS
PS
Shale; gray, gray-green, black, firm to soft.
Wackestone; off white to cream, hard to brittle, fossiliferous t
micro-oolitic, no show, rare barren porosity in the dry.
Shale; gray, gray-green, most soft, some micaceous to silty.
Mudstone; gray, to brown, hard, fossiliferous, dense.
Wackestone; brown, to gray, hard, chalky to crystalline,
micro-oolitic, to fossil fragments, no show.
Mudstone; hard to brittle, dense.
Brown Lime 4445 (-1897) A +31 B +5
Mudstone; brown, hard, crystalline.
Lansing 4456 (-1908) A +29 B +4
Mudstone; cream to gray, hard to brittle, dense.
Wackestone; cream to off white, hard to brittle, micro-oolitic t
fossil fragments, some free calcite, no show on yellow-white
fluorescence.
Packstone; buff to off white, oolitic, to micro-oolitic and fossil
fragments, tight looking chalky matrix in the wet sample, rare
barren porosity in the dry, no show.
Mudstone; off white, cream to gray, chalky to occasionally
crystalline, most hard, dense, some with fossil inclusions.
Mudstone; aa.
Packstone; off white, cream, micro-oolitic, chalky matrix, firm,
no show in wet, no cut on selected samples.
Packstone; off white, cream, micro-oolitic, to fossil fragments
in tight looking matrix-wet, some free secondary calcite, no
show in wet sample.
Mudstone; gray, brown, hard, some fossil fragments, tight
looking
Mudstone; as above, no real change here.
Packstone; small influx, off white, firm, micro-oolitic, no cut o
selected samples, no show.
Mudstone; most off white, chalky and occasionally crystalline
brittle to hard, scattered fossil fragments in the matrix, no
show, tight looking in wet.
Wackestone; off white, to light gray, scattered fossil fragment
and micro-oolites in the matrix, no show, rare barren porosity
in the dry.
Mudstone; increase in tan and brown, most crystalline matri
0
TG
50
cg 27u
26u +5


ROP (min/ft) 0 10
Gamma (API) 0 150
Caliper (API) 6 16
TG 0 50
4600
4650
4700
4750
conn
9.3-53-1#
Wob 38k
Rpm 75
Spm 62
Pp 850
9.3-47
9.4-50-1/2#
scattered fossil fragments in matirx.
Wackestone; small oolites to micro-oolitic, no show, very rare barren porosity in dry.
Mudstone; cream to brown, hard to brittle, some fossil fragments in the matrix, free blue-gray fresh chert.
Packstone to Wackestone; cream to off white, some tan, fossil fragments and micro-oolites in the matrix, looks tight in wet, very rare visible barren porosity in the dry, no show, yellow dull gold mineral fluorescence only.
Mudstone; most as above, fossil fragments in the matrix, no show.
Wackestone; micro-oolitic to fossil fragments in a tight looking wet sample, no show.
Mudstone; chalky to crystalline, dense.
Packstone; off white, cream, oolitic to micro-oolitic, some fossil fragments in the matrix, no show-wet.
Mudstone; gray to brown, some cream, hard, chalky to crystalline, some with fossil fragments in the matrix.
Wackestone; micro-oolitic, no show, aa very rare visible barr porosity in the dry sample.
Mudstone; cream to off white, some tan, hard, some fossil fragments in the chalky to crystalline matrix, very rare crinoid stem, very rare black chert.
Mudstone; cream to light gray, hard, crystalline to chalky matirx, some fossil fragments, no show.
Shale; influx, gray, dark gray and some black.
Mudstone; off white, gray, chalky to crystalline matrix.
Packstone; off white, cream, micro-oolitic, most chalky matrix no show, no cut on selected samples.
Mudstone; off white to cream, hard to brittle, chalky to crystalline matrix.
Wackestone; micro-oolitic, tight looking matrix in wet, howev very rare barren porosity in dry, no show.
Wackestone; off white, to cream, hard to firm, fossil fragments and micro-oolites in a tight looking matrix, no show.
Mudstone; off white, to cream and occasionally tan, chalky to crystalline matrix, tight, scattered small oolitic Packstone here cave?, no show.
Mudstone; cream to gray and off white, chalky to crystalline matrix, hard to brittle, scattered Wackestone as above, no show.
Mudstone; hard to brittle, chalky to crystalline, free gray-blue fresh chert here, scattered small oolitic to micro-oolitic, Wackestones and Packstones, no show, rare barren porosity in dry.
Mudstone; as above, some brown-dense crystalline.
Mudstone; cream to off white, chalky to crystalline, hard, rare soft-chalky, scattered micro-oolitic Wackestone-no show, barren porosity in dry.
Mudstone; as above, scattered tan to cream small oolitic Packstone in a tight matrix, no show.
Stark Shale 4785 (-2237) A +39 B +15
Mudstone; cream, off white, chalky to crystalline, Wackestone
23u +4u
27u +8u cg?
30u +8u
29u
25u


conn
0 ROP (min/ft) 10
0 Gamma (API) 150
6 Caliper (API) 16
Wob 38k
Rpm 75
Spm 62
Pp 850
conn
auto driller
add premix
conn
conn
@4928
Wt 9.4
Vis 52
Fil 9.6
Chl 8,800
Lcm 5#
Cum $14,874
Wob 38k
Rpm 75
Spm 62
Pp 875
add Lcm here.
conn
conn
add premix
conn
9.2-55-2#
@5000 TNB#3
0 ROP (min/ft) 10
0 Gamma (API) 150
6 Caliper (API) 16
DST 1 5005-5048
(43')
4800
4850
4900
4950
5000
MS
WS
PS
P
F
very slight increase; small oolitic to micro-oolitic, rare barre porosity, increase in green, gray-green and black shale.
Mudstone; off white, to cream, most chalky texture, scattered Wackestone; as above, no show, slight increase in light gray chert.
Mudstone; aa, scattered micro-oolitic Wackestone, very rare barren porosity.
Mudstone; off white, cream to brown, chalky to crystalline texture, dense, free drk gray and gray chert, very rare barren porosity-cave?
Hushp. Shale 4837 (-2289) A +47 B +11
Shale; black-carbonaceous, one sample gassy, influx, gray-green, and gray shales.
Mudstone; chalky to crystalline texture, scattered small oolitic to micro-oolitic Wackestones and Packstones, no show, look tight in wet.
Packstone; to Wackestone; cream, tan, occasionally off white oolitic to micro-oolitic, hard, crystalline to chalky matrix, no show, dull yellow fluorescence, rare samples with oomoldic look.
Mudstone; off white, chalky-soft, cream chalky to crystalline, dense.
Packstone; off white, occasionally cream, hard to brittle, very fine to rare crs oolites, most crystalline matrix, no visible show, dull gold to dull yellow fluorescence, however no cut o selected samples.
Mudstone; cream to off white, hard, most crystalline textrue, some chalky, free blocky light gray to tan chert here.
Mudstone; off white, gray to brown, hard to brittle, crystalline to chalky textrue.
Mudstone; brown, crystalline-silky, hard-dense, rare dark free chert.
Shale; dark gray, gray-green, black, traces green, firm to brittle, occasionally soft, some mottled, black, some black vre soft, samples wash heavy gray here.
Shale; gray-green, some mottled black, black hard to soft, smaple wash heavy gray.
Marmaton 4946 (-2398) A +41 B +9
Mudstone; gray to brown, hard, chalky to crystalline matrix, dense, rare free dark gray chert.
Shale; as above, increase in gray, black.
Mudstone; as above, one free brach in sample, one cluster white crs-oolitic Packstone with glauconite-cave?, tight, no show.
Mudstone; slight increase in brown, crystalline-silky luster, some fossil-fragments, some with dark inclusions, tight, scattered oolitic to mircro-oolitic Wackestones and Packstones, no show.
Shale; black, gray-green.
Wackestone; cream, brown to off white, micro-oolitic, fossil fragments in the matrix, tight look wet, no show.
Packstone; cream, firm, micro-oolitic, chalky matirx, 1 sample fluor cut, faint sample odor, no vis. oil.
Mudstone; cream, brown, hard, chalky-crystalline, free to cher inclusions, some foss, 1 sample w/cu
0 TG 50
TG 33u
23u +5u


conn
@5048
Wt 9.4
Vis 56
Fil 8.8
Chl 7,700
Lcm 4#
Cum $16,705
add premix
cir-Dst 5048 17hrs.
conn
DST 2 5067-5219
(152')
conn rig repair!
@5114
Wt 9.2
Vis 55
Fil 9.6
Chl 8,400
Lcm 2#
Cum $18,744
-9.3-48-2#
conn rig repair!
add premix
@5133 TNB4,
Strap, 0.75hrs
conn
Base Penn. 5170
(-2622) A +52 B +10
@5208
Wt 9.2
Vis 60
Fil 10.8
Chl 9,500
Lcm 2#
Cum $19,993
conn
cir5183 2.5hrs.
0 ROP (min/ft) 10
0 Gamma (API) 150
6 Caliper (API) 16
conn & cir 5208 2hrs.
DST 3 5205-5244
(39')+116' anchor
cir@5219 DST 2
18.75hrs.
add primix
5050
5100
5150
5200
Pawnee 5020 (-2472) A +40 B +14
rare black gassy shale.
Wackestone; small oolitic to micro-oolitic, 2 samples with slo
milky cut
Wackestone; to Packstone; cream to off white, most chalky,
rare crystalline matrix, vry small oolitic to micro-ooliitc, some
fossil fragments in matrix, faint to no sample odor, 10 sample
with bright spotty fluor-instant cut, rare faint spotty stain, rare
visible spotty pinpoint porosity, 1 sample with cut between
chert interface, rare soft chalky claystone w/cut, 1 cut sample
w/light tan residue in dish, no vis oil. Rare dry sample with
even stain and scatt. por.
Labette 5046 (-2498) A +42 B +10
Wackestone; micor-oolitic, chalky tight matrix, 2 samples with
residual ring cut, no odor, no visible oil, only yellow
fluorescence, no viaible porosity in wet or dry.
Cherokee 5067 (-2519) A +45 B +11
Shale; black-hard to soft, gassy.
Mudstone; influx, brown, hard, crystalline, silky luster, dense,
trace free gray and opaque chert, some sharp.
Shale; influx black-carb., to gray-green, some very hard.
Mudstone; gray, chalky, rare with brach, tight look.
Wackestone; cream to tan, fossil fragments in the matrix,
some micro-oolitic, tight, rare dark brown chert, rare fossils.
2nd Cherokee 5100 (-2552) A +45 B +9
Wackestone; as above, mixed with cream to buff Mudstone,
tight, chert as above some fossiliferous, micro-oolitic.
Mudstone; cream to brown, hard, chalky-crystalline, mixed
with Wackestone aa, no show, much black shale in sample,
trace bone white chert here.
Mudstone; cream to brown and gray, chalky to crystalline,
dense, poor sample after trip for NB#4.
Wackestone; micro-oolitic, chalky, tight looking in wet sample,
most cream in color, rare free blocky cream to light tan chert,
no show.
Wackestone; cream, chalky, micro-oolitic, one sample residua
cut, no odor, no visible oil.
Wackestone; cream, tan, micro-oolitic, firm to hard, traces tan
to brown with spotty stain, micro-ooliitc, milky to streaming
cut, no visible porosity, no odor, no visible oil.
Mudstone; cream to brown, chalky to crystalline, dense trace
show from above, trace free orange chert.
Shale; increase very colored, and sea green, free chert, some
foss, some orange, no show, one cluster Sand; ufg, porcons,
vwsrtd, one sample with spotty stain-residual cut, no odor, no
vis oil.
Mississippi 5196 (-2648) A +79 B +10
Packstone to Wackestone; traces white to off white, oolitic,
some med oolites, rare galuc, chalky, foss white to orange
chert-some oolitic, no show.
Packstone; off white, cream, chalky to occasionally crystalline
matrix, no vis show or por in wet, dull yellow mineral fluor-no
cut, scatt orange chert aa, >50% shale in samples. No vis por
in 30min dry, 90min sample some loose oolites in tray, approx
5-10% of samples are Miss. rocks.
Packstone to Wackestone; cream, off white, gray to buff, firm
to brittle, some gray galuconitic and micor-oolitic to sand
32u +12u
33u +13u
29u recycle
TG 540u
Scale Change
TG
64u shale gas
100
45u +15
49u shale gas
cg 44u
TG 32u
19u +4u
36u +21u
recycle 41u +26u ?
28u +15u
22unit recycle.
TG >576u
Scale Change
TG
100


9.0-65-2#
conn
conn
@5315
Wt 9.2
Vis 50
fil 10.8
Chl 10,400
Lcm 2#
Cum $20,364
conn
cir5315, 1.75hrs,
add premix
conn,cir5335, 1.25hrs.
9.3-55-2#
cir5,360'
RTD 5,360' 4/14/13
E-LOG TD 5,360'
5250
5300
5350
to brittle, some gray galuconitic and micol-oolitic to sand look, increase in fine oolites, chalky to crystalline matrix, no show, no odor, no cut on selected samples, traces of light gray and orange oolitic chert here. Shale; approx 30%.
Packstone; as above, slight increase in pink free chert, no shows.
Packstone; cream to off white, increase in fine to medium size oolites, chalky matrix, firm, rare glauconite in matrix, one sample off white oolitic Packstone with chalky matirx, no visible porosity when dried, spotty stain cream colored stain on edge, residual cut, no sample odor, no visible oil.
Packstone to Wackestone; cream to buff, occasionally gray, smaller oolites with depth, rare galuconite in matrix, hard to brittle
Packstone; Wackestone as above, no porosity wet or dry, no show.
Packstone to Wackestone; cream to off white, and light gray, hard to brittle, chalky to crystalline matrix, tight wet and dry, no show, influx, bone white to orange chert here.
Dolomite; few samples of light gray, gritty, chalky look, no show, no cut on selected samples.
Packstone; as above, chalky to crystalline matrix, small to micro-oolites, no show.
Wackestone; chalky to scattered fine crystalline, hard, some fossiliferous, mixed with oolitic Wackestone as above, scattered free off white chert.
Dolomite; cream to buff and gray, frim to brittle, gritty texture, dull earthy luster, no show, rare stain-no cut.
Mudstone; cream to brown, hard, most chalky, some brown crystalline-silky luster, dense, scattered off white and blue-gray free chert.
Wackestone; very fine to micro oolitic, dense, no show-could be cave frome above, still carry some medium white to cream oolitic Packstone in sample.
Dolomite; few dolomite sample in tray, most gray some buff, gritty, most limy, poor sample representation here, no show.
55u +10u
56u +15u
50u +18u
31u +3u

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

Kansas
Corporation Commission

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

August 01, 2013

M.L. Korphage
Vincent Oil Corporation
155 N MARKET STE 700
WICHITA, KS 67202-1821

Re: ACO1
API 15-057-20883-00-00
Ford Co L&C Co. 1-16
NW/4 Sec.16-29S-24W
Ford 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,
M.L. Korphage