Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1104121

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: MVP Purchasing LLC

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 #:

8/10/2012	8/21/2012	9/14/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-057-20833-00-00
Spot Description: SW-NW-NE-NE
SW NW NE NE Sec. 4 Twp. 29 S. R. 23 ☐ East ☑ West
350 Feet from ☑ North / ☐ South Line of Section
1255 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: Swonger Well #: 1-4
Field Name: Wildcat
Producing Formation: Mississippian
Elevation: Ground: 2546 Kelly Bushing: 2556
Total Vertical Depth: 5440 Plug Back Total Depth: 5425
Amount of Surface Pipe Set and Cemented at: 657 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: 16300 ppm Fluid volume: 1100 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: 12/07/2012
☑ **Confidential Release Date:** 12/07/2014
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 12/13/2012

1104121

Operator Name: Vincent Oil Corporation Lease Name: Swonger Well #: 1-4

Sec. 4 Twp. 29 S. R. 23 ☐ 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	☐ Log	Formation (Top), Depth and Datum ☐ Sample
Samples Sent to Geological Survey	☑ Yes	☐ No	Name: Attached	Top: Attached Datum: Attached
Cores Taken	☐ Yes	☑ No		
Electric Log Run	☑ Yes	☐ No		

List All E. Logs Run:

Dual Induction
Density-Neutron
Sonic

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	657	65/35 POZ & Common	320	2-6% Gel, 3%CC& 1/4# Cel-Flake/sx
Production Casing	7.8750	4.5	11.6	5425	ASC	175	5# Kol-seal/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	5368		☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.	Producing Method:
9/14/2012	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	35		40		

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*	5240' to 5266' OA

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

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Swonger 1-4
Doc ID	1104121

Tops

Name	Top	Datum
Heebner Shale	4361	(-1805)
Brown Limestone	4496	(-1940)
Lansing	4505	(-1949)
Stark Shale	4843	(-2287)
Pawnee	5057	(-2501)
Cherokee Shale	5102	(-2546)
Base Penn Limestone	5210	(-2654)
Mississippian	5235	(-2679)
LTD	5438	(-2882)

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Swonger 1-4
Doc ID	1104121

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5240' to 5246' & 5261' to 5266'	Ran in with tubing & packer Acidized top perfs	
		(750 gal, 15% MCA), Acidized btm perfs	
		(750 gal, 15% MCA), rigged up to swab, swab wtr with show of oil, SDON	
		SITP 175#, FL @ 1300', Swab 90% oil at good rate	
		pulled tubing & packer, ran MA & tubing to 5368', swab oil & wtr, SDON	
		SITP 80#, SICP 250#, Swab 24 bbl (35% Oil)	
		Ran DHP & rods, set surf. prod equip.; POP	

QUALITY WELL SERVICE, INC.

5643

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
8-11-12	4	29	23	Ford	Ks		1:45

Lease Swonger | Well No. 1-4 | Location Kingsdown 2N 4W Sinto

Contractor Val 1 | Owner

Type Job Surface | To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size 12¼ | T.D. 657

Csg. 8 5/8 | Depth 657

Charge To Vincent Oil

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 220 65/35 6% Gel 3% CC 1/4 C.F. 100sx Common 2% Gel 3% CC 1/4 C.F.

EQUIPMENT

Pumptrk 8	No.	Dave	
Bulktrk 9	No.	Cody	
Bulktrk 10	No.	Mike	
Pickup	No.		

JOB SERVICES & REMARKS

Ran 16 jts 8 5/8 csg.

Est. circulation with Mud Pump.

Pumped 220sx 65/35 6% Gel 3% CC 1/4 C.F. 100sx common 2% Gel 3% CC. 1/4 C.F.

Cement did circulate to surface.

Common	235
Poz. Mix	95
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 Wooden Plug

Pumptrk Charge	Surface
Mileage	50
Tax	
Discount	
Total Charge	

X Signature

Taylor Printing, Inc.

ALLIED OIL & GAS SERVICES, LLC 053724

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Great Bend

DATE 8-21-12	SEC. 4	TWP. 29	RANGE 23	CALLED OUT	ON LOCATION	JOB START 11:30 am	JOB FINISH 12:30 PM
LEASE Swanke	WELL # 1-4	LOCATION Kinsdown 2 North				COUNTY Ford	STATE Ks
OLD OR (NEW) (Circle one)							

CONTRACTOR Val 1

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 5440

CASING SIZE 4 1/2 DEPTH 5428

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1500 MINIMUM

MEAS. LINE SHOE JOINT 13

CEMENT LEFT IN CSG. 13

PERFS.

DISPLACEMENT 83.23 BBLS + 2% KCL

OWNER Vincent 1.0% 7.95

EQUIPMENT

PUMP TRUCK # 366 CEMENTER Wayne Davis
HELPER Terry Herrick

BULK TRUCK # 544/184 DRIVER Dan/Marlin Springsberg 2 cap 3

BULK TRUCK # DRIVER

REMARKS:

Pipe on Bottom Break circulation with Rig Mud Drop Ball Circulate Ball Thru Mix 500 Gallon ASF Plug Mouse 20SK Plug Rat 30SK Mix 175 ASC +5# Kolseal +.5% FL160 Wash Pump and lines Release Plug Displace BBLS 83.23 KCL Land Plug at 1500 PSI Release and held

CHARGE TO: Vincent Oil

STREET

CITY STATE ZIP

CEMENT

AMOUNT ORDERED 175SX ASC +5# Kolseal + FL-160
60SX 60/40 +4% Gel
500 Gallon ASF + KCL

COMMON	30	@ 16.25	487.50
POZMIX	20	@ 8.50	170.00
GEL	4	@ 21.25	85.00
CHLORIDE		@	
ASC	175	@ 19.00	3325.00
		@	
500 Gal ASF		@ 1.27	635.00
FL-160	82	@ 17.20	1.410.40
Gilsonite	875	@ .89	778.75
KCL	9	@ 31.25	281.25
		@	
		@	
		@	
HANDLING	278	@ 2.11	586.80
MILEAGE	12.03 x 50 x	2.85	1713.52

TOTAL 5.845.32
3 825.00
9170.32

601.49

SERVICE

DEPTH OF JOB			5428'
PUMP TRUCK CHARGE			2695.00
EXTRA FOOTAGE		@	
MILEAGE	Hum 50	@ 7.00	350.00
MANIFOLD		@	
	Hum 50	@ 4.00	200.00
		@	

TOTAL 3.245.00

PLUG & FLOAT EQUIPMENT

4 1/2 Centralizers	@ 48.00	288.00
1 DFU Insert	@ 249.00	249.00
1 Guide Shoe	@ 231.00	231.00
1 Rubber Plug	@ 44.00	44.00
	@	

TOTAL 812.00

SALES TAX (If Any) 634.80

TOTAL CHARGES 13.227.32

DISCOUNT 2.645.44 IF PAID IN 30 DAYS

10.581.78

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME ERIK HAGANS

SIGNATURE

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Vincent Oil Corp.

155 N. Market Ste. 700
Wichita, KS 67202-1821

ATTN: Jim Hall

4-29s-23w

Swonger #1-4

Job Ticket: 49537 **DST#: 1**

Test Start: 2012.08.18 @ 17:31:12

GENERAL INFORMATION:

Formation: **Mississppian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:43:12
Time Test Ended: 02:45:12

Test Type: Conventional Bottom Hole (Initial)
Tester: Ryan Reynolds
Unit No: 48

Interval: 5132.00 ft (KB) To 5268.00 ft (KB) (TVD)
Total Depth: 5268.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

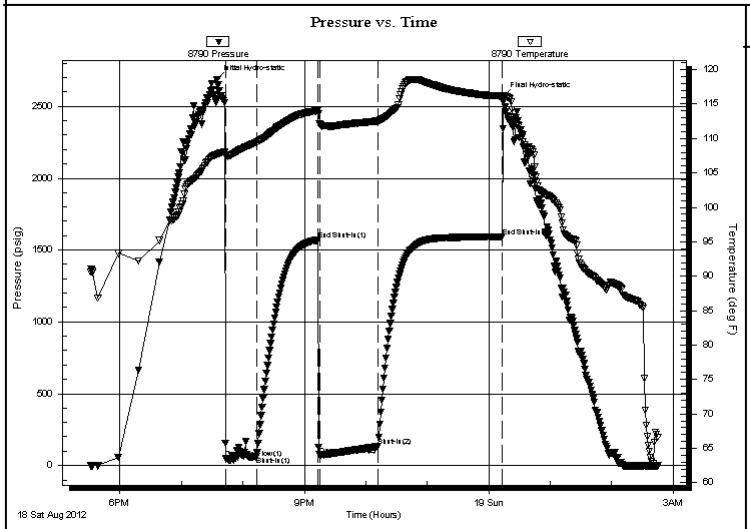
Reference Elevations: 2556.00 ft (KB)
2546.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8790 **Inside**

Press@RunDepth: 132.33 psig @ 5133.00 ft (KB)
Start Date: 2012.08.18 End Date: 2012.08.19
Start Time: 17:31:17 End Time: 02:45:12

Capacity: 8000.00 psig
Last Calib.: 2012.08.19
Time On Btm: 2012.08.18 @ 19:34:42
Time Off Btm: 2012.08.19 @ 00:13:57

TEST COMMENT: IF: Strong blow . BOB 2 1/2 min. No GTS
ISI: No blow
FF: Strong blow . BOB immed. GTS @ 7min. Guaged gas throughout
FSI: Weak 1/4" BB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2688.01	107.64	Initial Hydro-static
9	51.45	107.43	Open To Flow (1)
39	62.66	109.43	Shut-In(1)
99	1569.21	114.05	End Shut-In(1)
101	70.86	111.99	Open To Flow (2)
157	132.33	112.55	Shut-In(2)
278	1593.84	116.16	End Shut-In(2)
280	2567.44	115.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SLI OCGM <1%oil, 2%gas, 97+%mud	0.84
60.00	SLI OCGM 2%oil, 5%gas, 93%mud	0.84
30.00	SLI OCGM 2%oil, 10%gas, 88%mud	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	20.00	12.88
Last Gas Rate	0.13	55.00	25.98
Max. Gas Rate	0.13	55.00	25.98

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

155 N. Market Ste. 700
Wichita, KS 67202-1821

ATTN: Jim Hall

4-29s-23w

Swonger #1-4

Job Ticket: 49537 **DST#: 1**

Test Start: 2012.08.18 @ 17:31:12

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:	ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.39 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6600.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SLI OCGM <1%oil, 2%gas, 97+%mud	0.842
60.00	SLI OCGM 2%oil, 5%gas, 93%mud	0.842
30.00	SLI OCGM 2%oil, 10%gas, 88%mud	0.421

Total Length: 150.00 ft Total Volume: 2.105 bbl

Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #: RR-1

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 67202-1821

ATTN: Jim Hall

4-29s-23w

Swonger #1-4

Job Ticket: 49537 **DST#: 1**

Test Start: 2012.08.18 @ 17:31:12

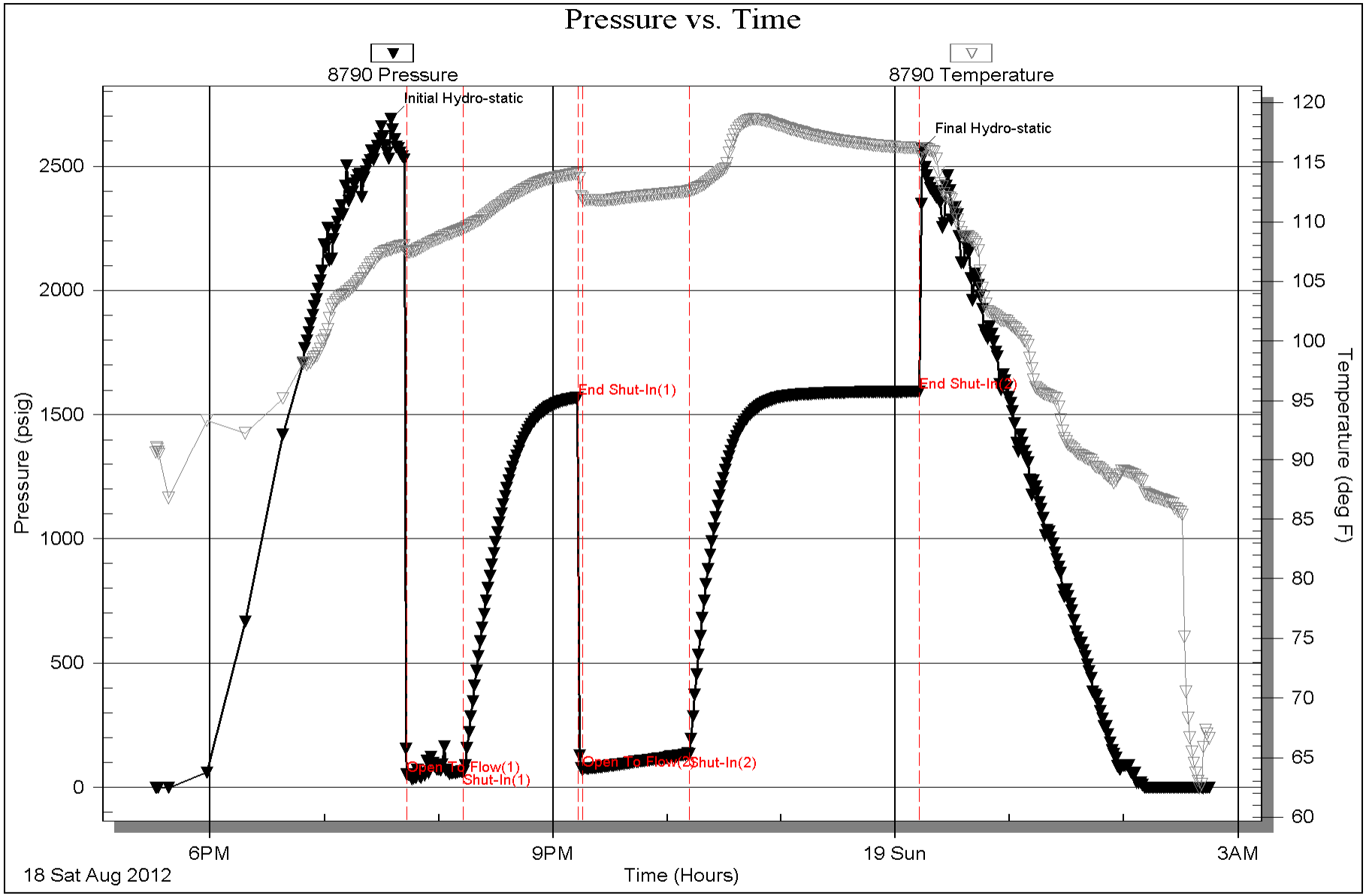
Gas Rates Information

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	0.13	20.00	12.88
2	20	0.13	25.00	14.75
2	30	0.13	31.00	16.99
2	40	0.13	40.00	20.36
2	50	0.13	47.00	22.98
2	60	0.13	55.00	25.98

Serial #: 8790 **Inside** Vincent Oil Corp. Sw onger #1-4 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 49537 Printed: 2012.08.19 @ 03:40:43

DRILL STEM TEST REPORT

Vincent Oil Corp.

155 N. Market Ste. 700
Wichita, KS 67202-1821

ATTN: Jim Hall

4-29s-23w

Swonger #1-4

Job Ticket: 49538 **DST#: 2**

Test Start: 2012.08.19 @ 12:42:29

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:21:29
Time Test Ended: 22:38:44

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

Interval: 5269.00 ft (KB) To 5296.00 ft (KB) (TVD)
Total Depth: 5296.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

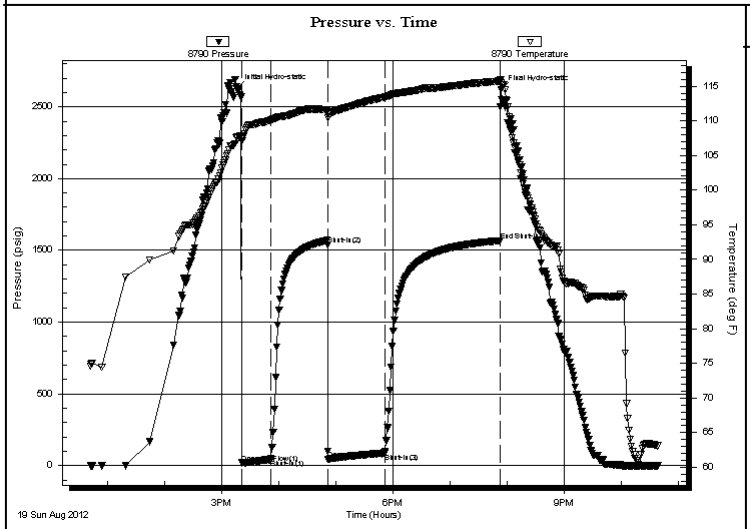
Reference Elevations: 2556.00 ft (KB)
2546.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8790 **Inside**

Press@RunDepth: 41.18 psig @ 5270.00 ft (KB)
Start Date: 2012.08.19 End Date: 2012.08.19
Start Time: 12:42:34 End Time: 22:38:44

Capacity: 8000.00 psig
Last Calib.: 2012.08.19
Time On Btm: 2012.08.19 @ 15:16:29
Time Off Btm: 2012.08.19 @ 19:53:29

TEST COMMENT: IF: Strong blow . BOB @ 9min. No GTS
ISI: No blow
FF: Strong blow . BOB @ 2min. No GTS
FSI: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2624.44	107.72	Initial Hydro-static
5	18.87	107.10	Open To Flow (1)
35	41.18	110.09	Shut-In(1)
95	1539.83	111.59	Shut-In(2)
96	42.73	110.50	Open To Flow (2)
155	88.04	113.38	Shut-In(3)
276	1567.91	115.73	End Shut-In(1)
277	2621.62	115.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OGCMW 5%oil, 10%gas, 40%mud, 45%w	0.84 r
60.00	GWOCM 10%gas, 15%water, 20%oil, 55	0.84 d
50.00	WOCGM 5%water, 15%oil, 40%gas, 40%	0.70

* 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 67202-1821

ATTN: Jim Hall

4-29s-23w

Swonger #1-4

Job Ticket: 49538 **DST#: 2**

Test Start: 2012.08.19 @ 12:42:29

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	60000 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.59 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8600.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OGCMW 5%oil, 10%gas, 40%mud, 45%w ate	0.842
60.00	GWOCM 10%gas, 15%w ater, 20%oil, 55%m	0.842
50.00	WOCGM 5%w ater, 15%oil, 40%gas, 40%muc	0.701

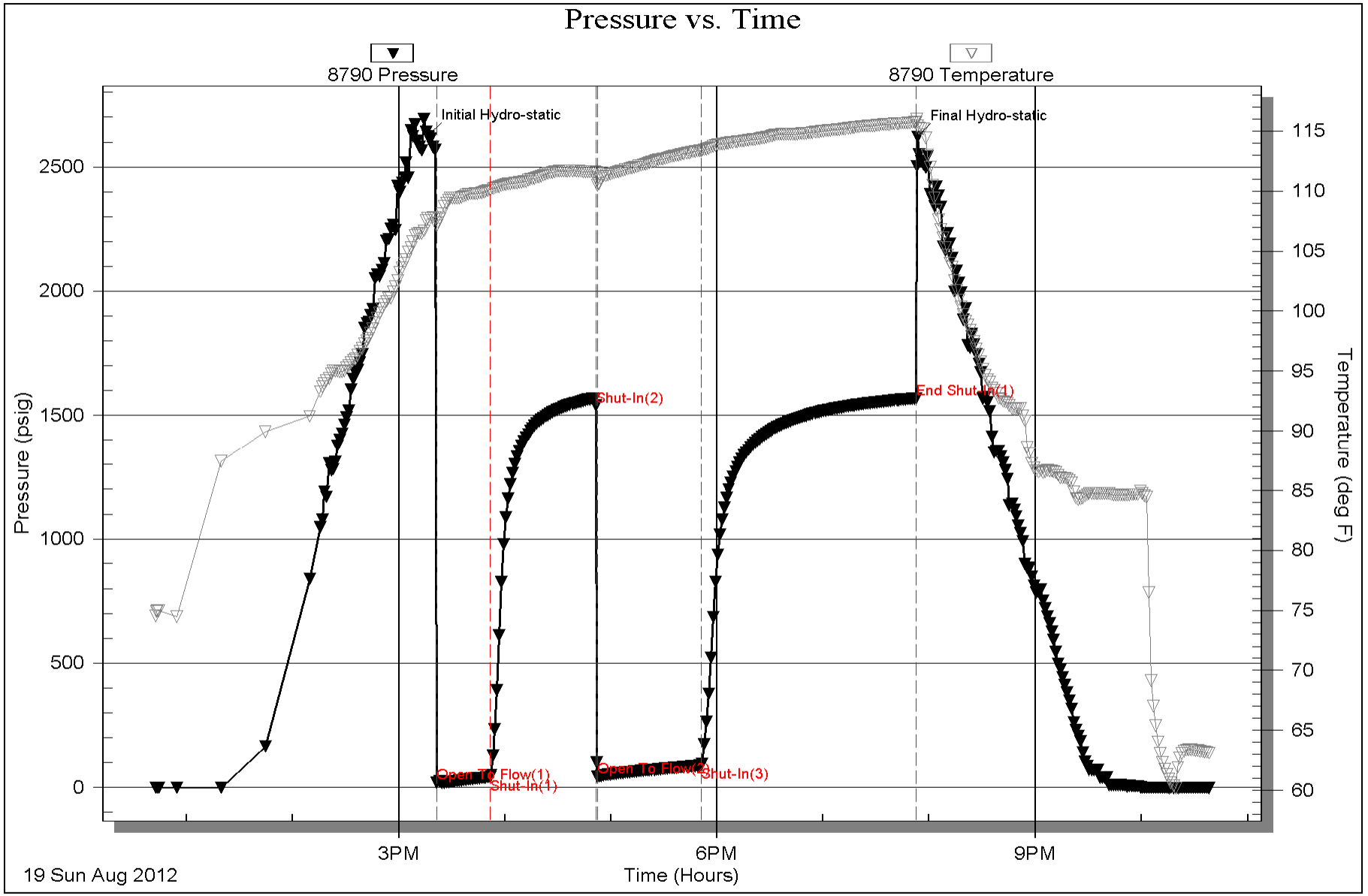
Total Length: 170.00 ft Total Volume: 2.385 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8790 **Inside** Vincent Oil Corp. Sw onger #1-4 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 49538 Printed: 2012.08.20 @ 04:48:37

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name:	**VINCENT OIL CORP. SWONGER #1-4**		
Location:	**SW NW NE NE SEC.4, T29S, R23W, FORD CO. KANSAS**		
License Number:	**15-057-20833-00-00**	**Region:**	**WILDCAT**
Spud Date:	**8/10/12**	**Drilling Completed:**	**8/20/12**
Surface Coordinates:	**350' FNL, 1,255' FEL**		
Bottom Hole Coordinates:			
Ground Elevation (ft):	**2,546'**	**K.B. Elevation (ft):**	**2,556'**
Logged Interval (ft):	**4,250' To: 5,440'**	**Total Depth (ft):**	**5,440'**
Formation:	**RTD IN; Mississippi**		
Type of Drilling Fluid:	**Native Mud to 3,824'. Chem. Gel. to RTD (5,440').**		

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, Spud 8/10/12. Tool Pusher: Walt Purcell, RTD (5,440').
Surface Casing: 8 5/8" set at 657' w/320sx, cement..

Production Casing: 4 1/2".

Deviation Surveys: 3/4 deg.@ 617', 3/4 deg. @ 5,241', ( ) @ (').

Pipe Strap: 2' short to board @ 5,268' (DST#1).

Bit Record:
#1 12 1/4" out @ 657'.
#2 7 7/8" JZ HA20Q in @ 657', out @ 5,268', made 4,611'in 117.25 hrs.
#3 7 7/8" RR JZQX475 in @ 5,268', out @ 5,440', made 172'in 11.5 hrs.

Drilling time commenced: @ 4,250'. Minimum 10' wet and dry samples commenced: @ 4,300' to RTD. Samples delivered to Kansas Geological Sample Library at Wichita, Kansas.

Gas Detector: Earth Tech, unit (USS Enterprise). Electronic Tooke Daq System, Lagged Gas values and drilling time were taken from the Tooke Daq System and placed on the Plotted Geological Report (Mud Log).

Mud System: Mud-Co/Service Mud. Chemical Gel system @ 3,824', Mud Engineer: Justin Whiting.

DST CO. Trilobite, Tester: Ryan from the Pratt Ks. office.

OH Logs: Superior Well Services (Hays Kansas),
Operator ( ).
DIL, CDL/CNL/PE, MEL/SON.

Note: For better correlation the open hole log gamma ray and caliper curves have been placed on this sample strip log. If there is a depth difference between the sample strip log and the open hole electric logs, the gamma ray and caliper curves have been shifted to reflect strip log drilling time depths.

OH Log Formation Tops: Heebner (-), Brown Lm (-), Lansing (-), Stark Sh (-), Hushpuckney Sh (-), Marmaton (-), Pawnee (-), Labette Sh (-), Cherokee Sh (-) , Basal Penn (-), Sand (-), Cherty Cong. (-), Mississippian (-).

DSTs

DST #1 5,132 - 5,268' (136') 30-60-60-120, IH 2688, IF 51-63 (BOB 2.5min), ISI 1569 (No blow), FF 71-132 (GTS 7min, 10min 12.8mcf, 20min 14.7mcf, 30min 16.9mcf, 40min 20.3mcf, 50min 22.9mcf, 60min 25.9mcf), FSI 1594, FH 2567, Rec; 60' SOCGM (2%gas, 1%oil, 97%mud), 60' SOCGM (5%gas, 2%oil, 93%mud, 30' SOCGM (10%gas, 2%oil, 88%mud), BHT 116F.

DST #2 5,269' - 5,296' 30-60-60-120, IH 2624, IF 19-41 (BOB 9min), ISI 1540 (No blow), FF 43-88 (BOB 2min), FSI 1568 (No blow), FH 2622, Rec; 2475' gas in pipe, 50' WOCGM (40%gas, 15%oil, 5%water, 40%mud), 60' GWOCM (10%gas, 20%oil, 15%water, 55%mud, 60' OGCMW (10%gas, 5%oil, 45%water, 40%mud), BHF 116F, Rwa 0.16 @ 64.6 F (0.089 @ BHT), Chl 60,000ppm, Chl mud 8,600ppm.

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

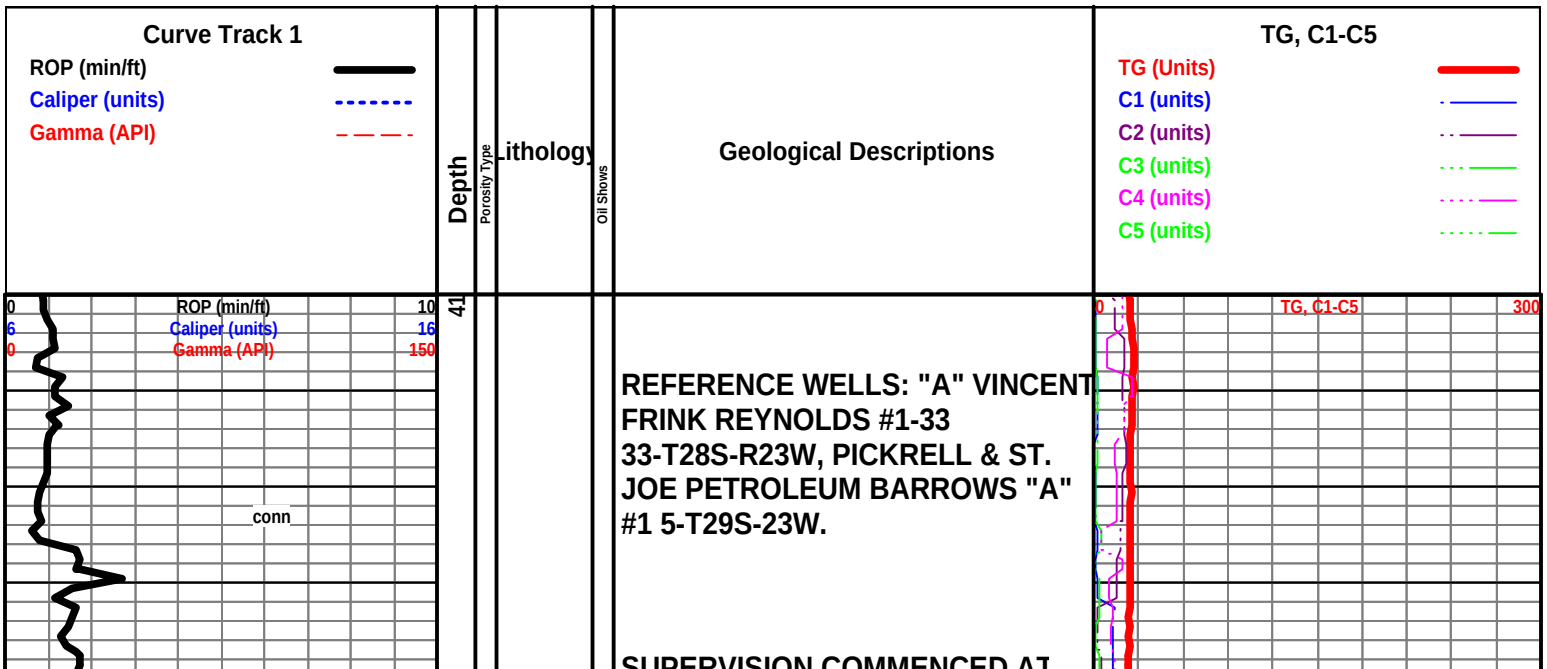
- Even
- Spotted
- Ques
- Dead

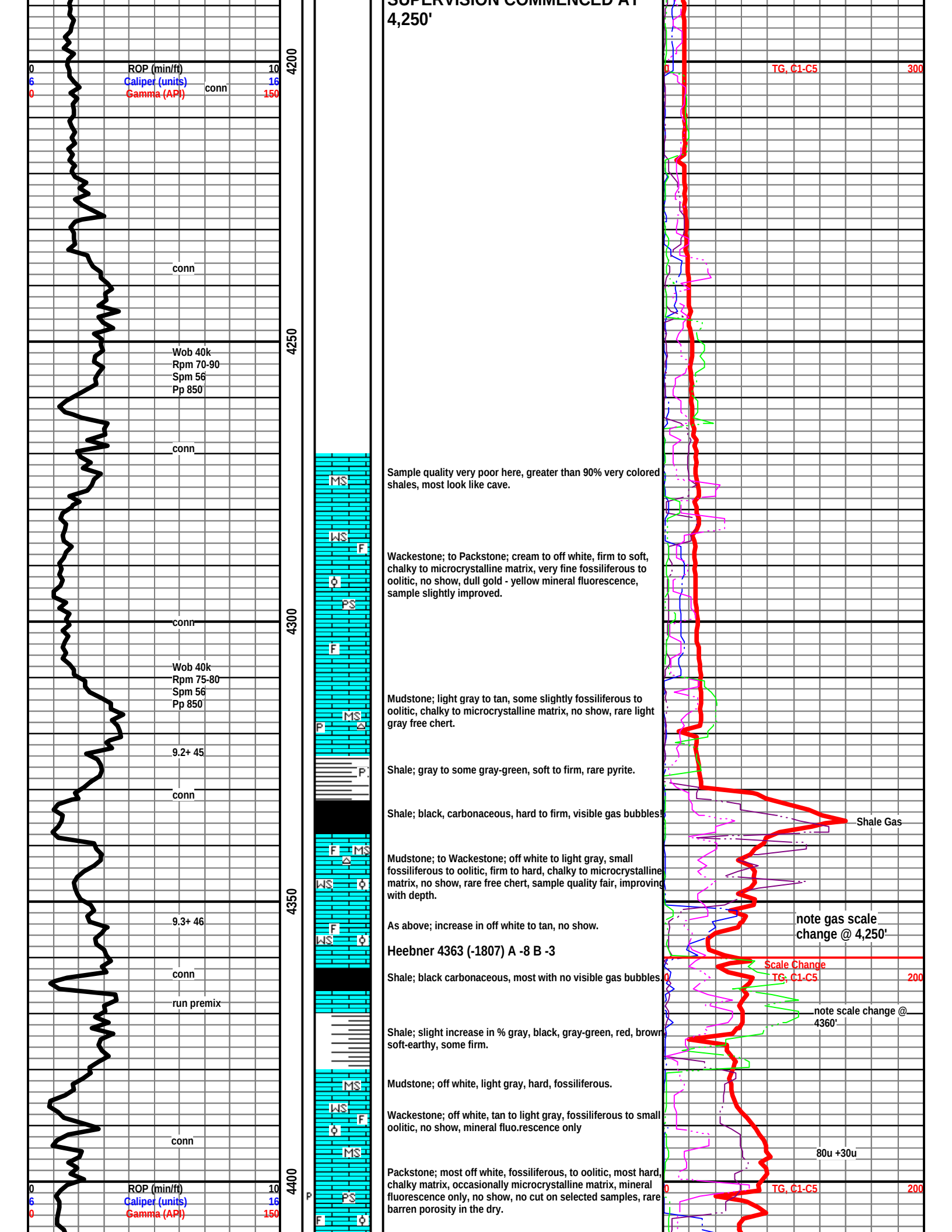
INTERVAL

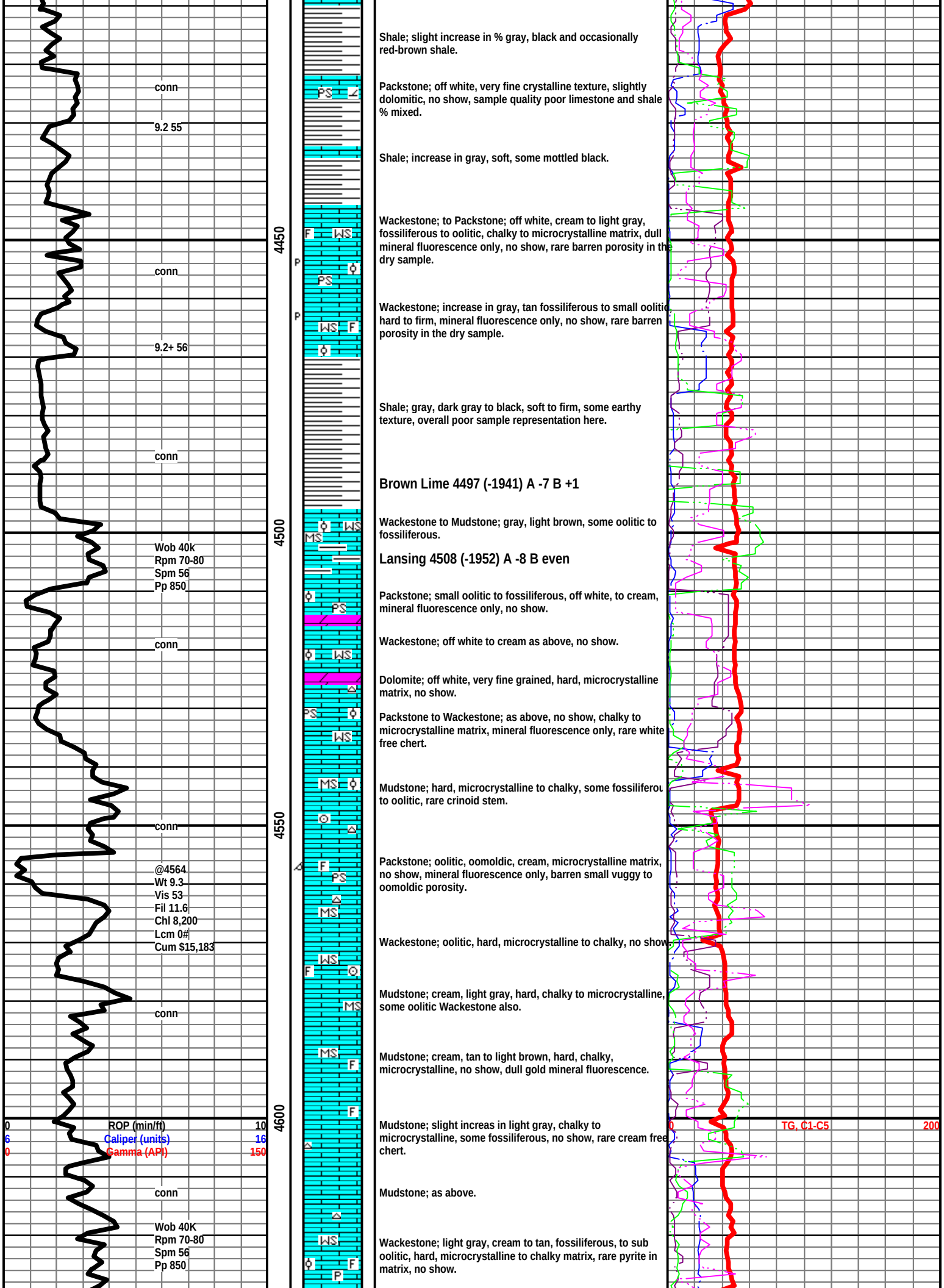
- Core
- Dst

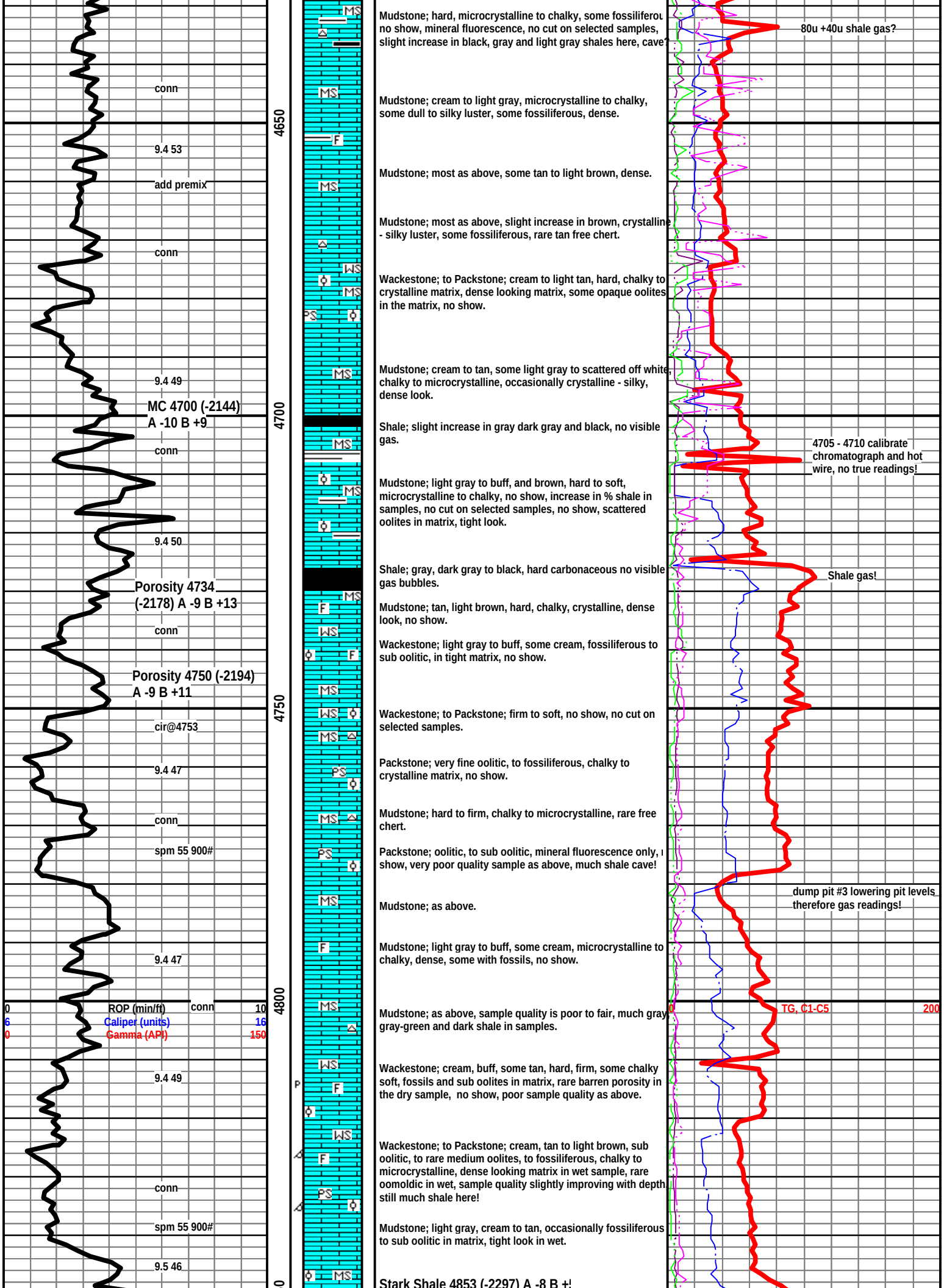
EVENT

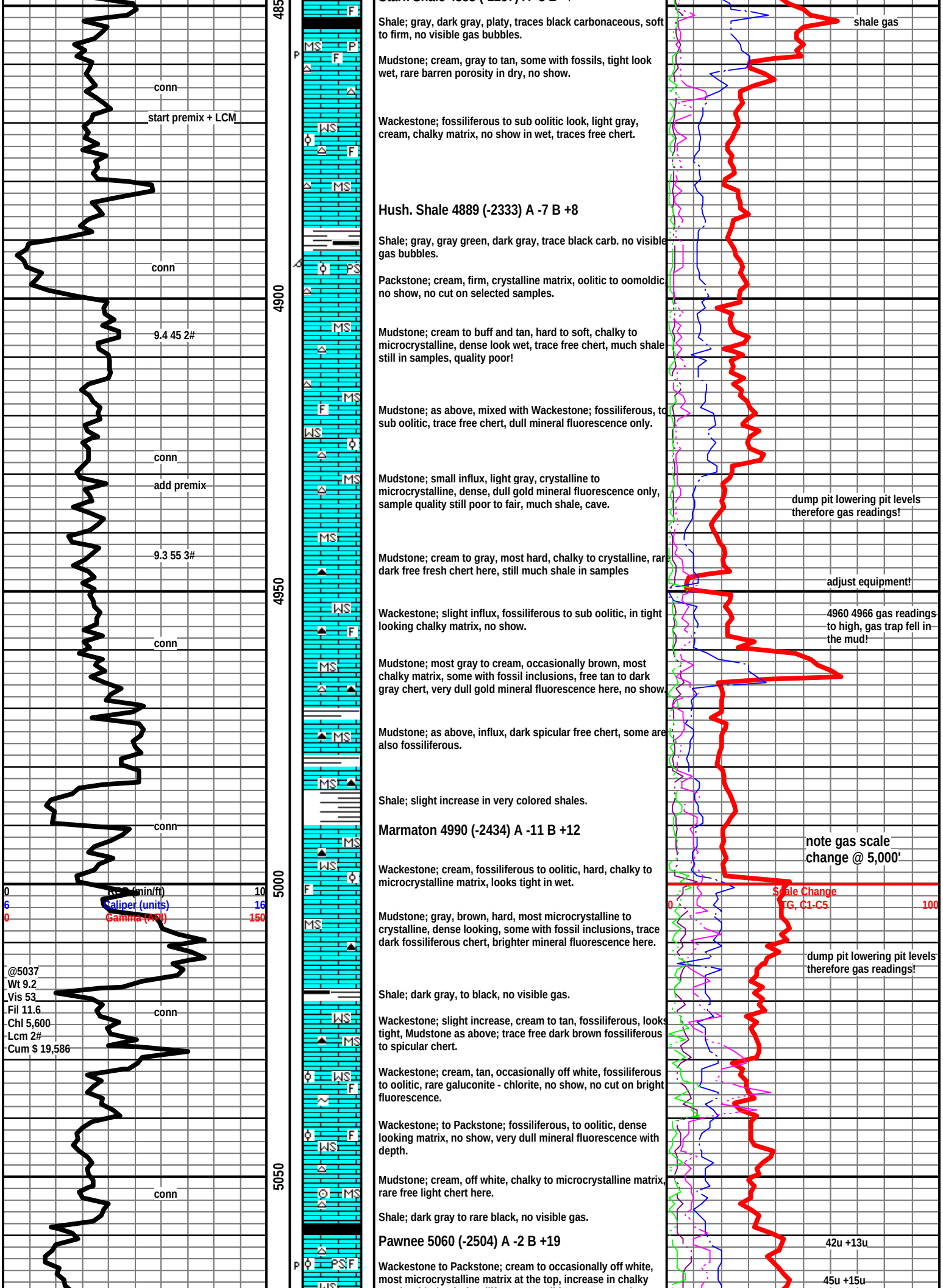
- Rft
- Sidewall

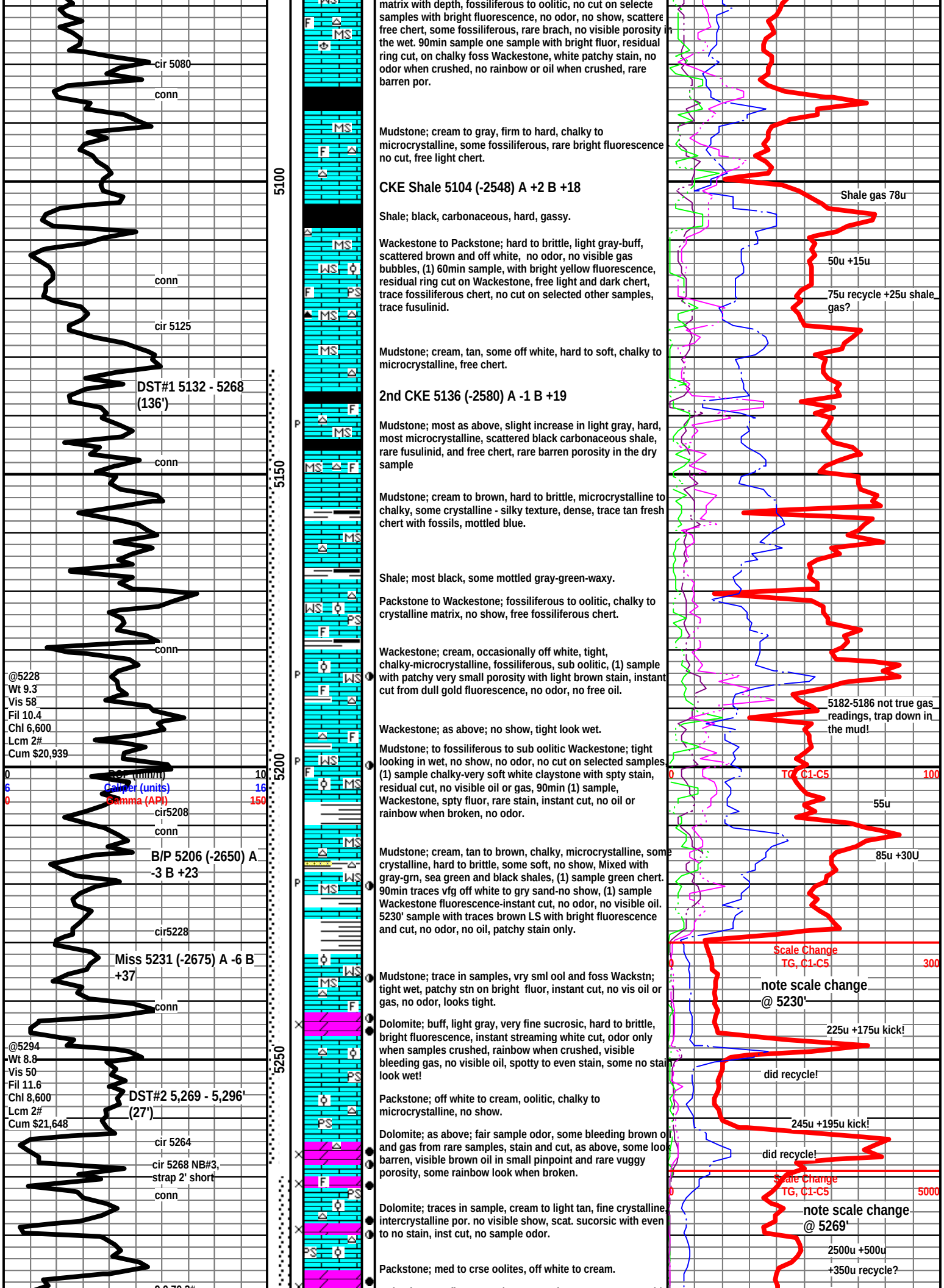


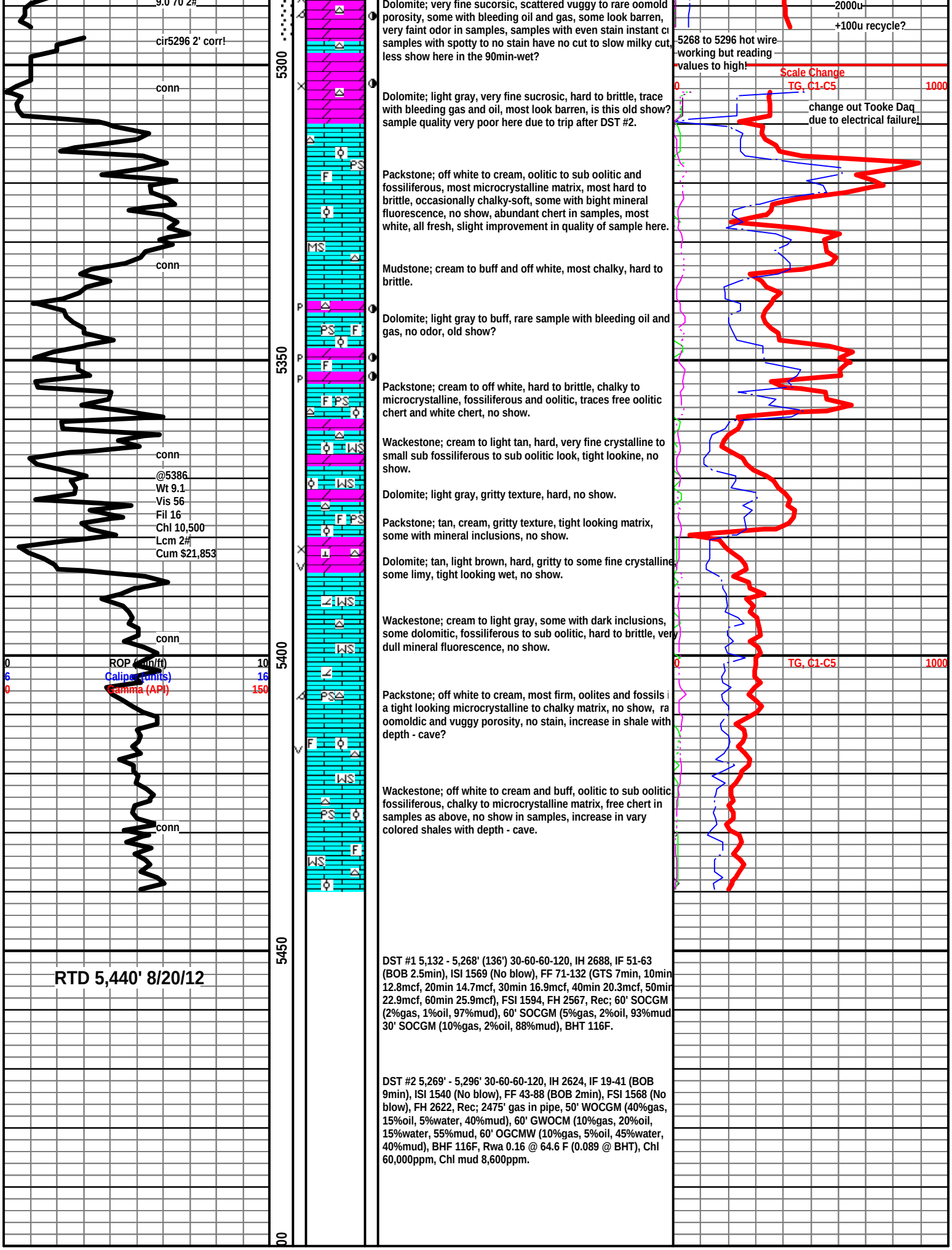

SUPERVISION COMMENCED AT 4,250'
0
ROP (min/ft)
10
6
Caliper (units)
16
0
Gamma (API)
150
conn
4200
conn
4250
Wob 40k
Rpm 70-90
Spm 56
Pp 850
conn
Sample quality very poor here, greater than 90% very colored shales, most look like cave.
Wackestone; to Packstone; cream to off white, firm to soft, chalky to microcrystalline matrix, very fine fossiliferous to oolitic, no show, dull gold - yellow mineral fluorescence, sample slightly improved.
conn
4300
Wob 40k
Rpm 75-80
Spm 56
Pp 850
Mudstone; light gray to tan, some slightly fossiliferous to oolitic, chalky to microcrystalline matrix, no show, rare light gray free chert.
9.2+ 45
Shale; gray to some gray-green, soft to firm, rare pyrite.
conn
Shale; black, carbonaceous, hard to firm, visible gas bubbles!
Shale Gas
Mudstone; to Wackestone; off white to light gray, small fossiliferous to oolitic, firm to hard, chalky to microcrystalline matrix, no show, rare free chert, sample quality fair, improving with depth.
4350
9.3+ 46
As above; increase in off white to tan, no show.
note gas scale change @ 4,250'
Heebner 4363 (-1807) A -8 B -3
conn
Shale; black carbonaceous, most with no visible gas bubbles.
Scale Change
TG, C1-C5
200
run premix
note scale change @ 4360'
Shale; slight increase in % gray, black, gray-green, red, brown, soft-earthy, some firm.
Mudstone; off white, light gray, hard, fossiliferous.
Wackestone; off white, tan to light gray, fossiliferous to small oolitic, no show, mineral fluo.rescence only
conn
80u +30u
4400
Packstone; most off white, fossiliferous, to oolitic, most hard, chalky matrix, occasionally microcrystalline matrix, mineral fluorescence only, no show, no cut on selected samples, rare barren porosity in the dry.
0
ROP (min/ft)
10
6
Caliper (units)
16
0
Gamma (API)
150
TG, C1-C5
300
TG, C1-C5
200


conn
9.2 55
conn
9.2+ 56
conn
Wob 40k
Rpm 70-80
Spm 56
Pp 850
conn
conn
@4564
Wt 9.3
Vis 53
Fil 11.6
Chl 8,200
Lcm 0#
Cum $15,183
conn
0
ROP (min/ft)
10
6
Caliper (units)
16
0
Gamma (API)
150
conn
Wob 40K
Rpm 70-80
Spm 56
Pp 850
4450
4500
4550
4600
Shale; slight increase in % gray, black and occasionally red-brown shale.
Packstone; off white, very fine crystalline texture, slightly dolomitic, no show, sample quality poor limestone and shale % mixed.
Shale; increase in gray, soft, some mottled black.
Wackestone; to Packstone; off white, cream to light gray, fossiliferous to oolitic, chalky to microcrystalline matrix, dull mineral fluorescence only, no show, rare barren porosity in the dry sample.
Wackestone; increase in gray, tan fossiliferous to small oolitic hard to firm, mineral fluorescence only, no show, rare barren porosity in the dry sample.
Shale; gray, dark gray to black, soft to firm, some earthy texture, overall poor sample representation here.
Brown Lime 4497 (-1941) A -7 B +1
Wackestone to Mudstone; gray, light brown, some oolitic to fossiliferous.
Lansing 4508 (-1952) A -8 B even
Packstone; small oolitic to fossiliferous, off white, to cream, mineral fluorescence only, no show.
Wackestone; off white to cream as above, no show.
Dolomite; off white, very fine grained, hard, microcrystalline matrix, no show.
Packstone to Wackestone; as above, no show, chalky to microcrystalline matrix, mineral fluorescence only, rare white free chert.
Mudstone; hard, microcrystalline to chalky, some fossiliferou to oolitic, rare crinoid stem.
Packstone; oolitic, oomoldic, cream, microcrystalline matrix, no show, mineral fluorescence only, barren small vuggy to oomoldic porosity.
Wackestone; oolitic, hard, microcrystalline to chalky, no show
Mudstone; cream, light gray, hard, chalky to microcrystalline, some oolitic Wackestone also.
Mudstone; cream, tan to light brown, hard, chalky, microcrystalline, no show, dull gold mineral fluorescence.
Mudstone; slight increas in light gray, chalky to microcrystalline, some fossiliferous, no show, rare cream free chert.
Mudstone; as above.
Wackestone; light gray, cream to tan, fossiliferous, to sub oolitic, hard, microcrystalline to chalky matrix, rare pyrite in matrix, no show.
0
TG, C1-C5
200


4650
4700
4750
4800
conn
9.4 53
add premix
conn
9.4 49
MC 4700 (-2144)
A -10 B +9
conn
9.4 50
Porosity 4734
(-2178) A -9 B +13
conn
Porosity 4750 (-2194)
A -9 B +11
cir@4753
9.4 47
conn
spm 55 900#
9.4 47
0 ROP (min/ft) conn 10
6 Caliper (units) 16
0 Gamma (API) 150
9.4 49
conn
spm 55 900#
9.5 46
Mudstone; hard, microcrystalline to chalky, some fossiliferou
no show, mineral fluorescence, no cut on selected samples,
slight increase in black, gray and light gray shales here, cave?
Mudstone; cream to light gray, microcrystalline to chalky,
some dull to silky luster, some fossiliferous, dense.
Mudstone; most as above, some tan to light brown, dense.
Mudstone; most as above, slight increase in brown, crystalline
- silky luster, some fossiliferous, rare tan free chert.
Wackestone; to Packstone; cream to light tan, hard, chalky to
crystalline matrix, dense looking matrix, some opaque oolites
in the matrix, no show.
Mudstone; cream to tan, some light gray to scattered off white,
chalky to microcrystalline, occasionally crystalline - silky,
dense look.
Shale; slight increase in gray dark gray and black, no visible
gas.
Mudstone; light gray to buff, and brown, hard to soft,
microcrystalline to chalky, no show, increase in % shale in
samples, no cut on selected samples, no show, scattered
oolites in matrix, tight look.
Shale; gray, dark gray to black, hard carbonaceous no visible
gas bubbles.
Mudstone; tan, light brown, hard, chalky, crystalline, dense
look, no show.
Wackestone; light gray to buff, some cream, fossiliferous to
sub oolitic, in tight matrix, no show.
Wackestone; to Packstone; firm to soft, no show, no cut on
selected samples.
Packstone; very fine oolitic, to fossiliferous, chalky to
crystalline matrix, no show.
Mudstone; hard to firm, chalky to microcrystalline, rare free
chert.
Packstone; oolitic, to sub oolitic, mineral fluorescence only,
show, very poor quality sample as above, much shale cave!
Mudstone; as above.
Mudstone; light gray to buff, some cream, microcrystalline to
chalky, dense, some with fossils, no show.
Mudstone; as above, sample quality is poor to fair, much gray
gray-green and dark shale in samples.
Wackestone; cream, buff, some tan, hard, firm, some chalky
soft, fossils and sub oolites in matrix, rare barren porosity in
the dry sample, no show, poor sample quality as above.
Wackestone; to Packstone; cream, tan to light brown, sub
oolitic, to rare medium oolites, to fossiliferous, chalky to
microcrystalline, dense looking matrix in wet sample, rare
oomoldic in wet, sample quality slightly improving with depth
still much shale here!
Mudstone; light gray, cream to tan, occasionally fossiliferous
to sub oolitic in matrix, tight look in wet.
Stark Shale 4853 (-2297) A -8 B +!
80u +40u shale gas?
4705 - 4710 calibrate
chromatograph and hot
wire, no true readings!
Shale gas!
dump pit #3 lowering pit levels
therefore gas readings!
0 TG, C1-C5 200


conn
start premix + LCM
conn
9.4 45 2#
conn
add premix
9.3 55 3#
conn
conn
0
ROP (min/ft)
10
6
Caliper (units)
16
0
Gamma (API)
150
@5037
Wt 9.2
Vis 53
Fil 11.6
Chl 5,600
Lcm 2#
Cum $ 19,586
conn
conn
4850
4900
4950
5000
5050
Shale; gray, dark gray, platy, traces black carbonaceous, soft to firm, no visible gas bubbles.
Mudstone; cream, gray to tan, some with fossils, tight look wet, rare barren porosity in dry, no show.
Wackestone; fossiliferous to sub oolitic look, light gray, cream, chalky matrix, no show in wet, traces free chert.
Hush. Shale 4889 (-2333) A -7 B +8
Shale; gray, gray green, dark gray, trace black carb. no visible gas bubbles.
Packstone; cream, firm, crystalline matrix, oolitic to oomoldic no show, no cut on selected samples.
Mudstone; cream to buff and tan, hard to soft, chalky to microcrystalline, dense look wet, trace free chert, much shale still in samples, quality poor!
Mudstone; as above, mixed with Wackestone; fossiliferous, to sub oolitic, trace free chert, dull mineral fluorescence only.
Mudstone; small influx, light gray, crystalline to microcrystalline, dense, dull gold mineral fluorescence only, sample quality still poor to fair, much shale, cave.
Mudstone; cream to gray, most hard, chalky to crystalline, rare dark free fresh chert here, still much shale in samples
Wackestone; slight influx, fossiliferous to sub oolitic, in tight looking chalky matrix, no show.
Mudstone; most gray to cream, occasionally brown, most chalky matrix, some with fossil inclusions, free tan to dark gray chert, very dull gold mineral fluorescence here, no show.
Mudstone; as above, influx, dark spicular free chert, some are also fossiliferous.
Shale; slight increase in very colored shales.
Marmaton 4990 (-2434) A -11 B +12
Wackestone; cream, fossiliferous to oolitic, hard, chalky to microcrystalline matrix, looks tight in wet.
Mudstone; gray, brown, hard, most microcrystalline to crystalline, dense looking, some with fossil inclusions, trace dark fossiliferous chert, brighter mineral fluorescence here.
Shale; dark gray, to black, no visible gas.
Wackestone; slight increase, cream to tan, fossiliferous, looks tight, Mudstone as above; trace free dark brown fossiliferous to spicular chert.
Wackestone; cream, tan, occasionally off white, fossiliferous to oolitic, rare galuconite - chlorite, no show, no cut on bright fluorescence.
Wackestone; to Packstone; fossiliferous, to oolitic, dense looking matrix, no show, very dull mineral fluorescence with depth.
Mudstone; cream, off white, chalky to microcrystalline matrix, rare free light chert here.
Shale; dark gray to rare black, no visible gas.
Pawnee 5060 (-2504) A -2 B +19
Wackestone to Packstone; cream to occasionally off white, most microcrystalline matrix at the top, increase in chalky
shale gas
dump pit lowering pit levels therefore gas readings!
adjust equipment!
4960 4966 gas readings to high, gas trap fell in the mud!
note gas scale change @ 5,000'
Scale Change
0
TG, C1-C5
100
dump pit lowering pit levels therefore gas readings!
42u +13u
45u +15u


matrix with depth, fossiliferous to oolitic, no cut on selecte
samples with bright fluorescence, no odor, no show, scattere
free chert, some fossiliferous, rare brach, no visible porosity in
the wet. 90min sample one sample with bright fluor, residual
ring cut, on chalky foss Wackestone, white patchy stain, no
odor when crushed, no rainbow or oil when crushed, rare
barren por.
Mudstone; cream to gray, firm to hard, chalky to
microcrystalline, some fossiliferous, rare bright fluorescence
no cut, free light chert.
CKE Shale 5104 (-2548) A +2 B +18
Shale; black, carbonaceous, hard, gassy.
Wackestone to Packstone; hard to brittle, light gray-buff,
scattered brown and off white, no odor, no visible gas
bubbles, (1) 60min sample, with bright yellow fluorescence,
residual ring cut on Wackestone, free light and dark chert,
trace fossiliferous chert, no cut on selected other samples,
trace fusulinid.
Mudstone; cream, tan, some off white, hard to soft, chalky to
microcrystalline, free chert.
2nd CKE 5136 (-2580) A -1 B +19
Mudstone; most as above, slight increase in light gray, hard,
most microcrystalline, scattered black carbonaceous shale,
rare fusulinid, and free chert, rare barren porosity in the dry
sample
Mudstone; cream to brown, hard to brittle, microcrystalline to
chalky, some crystalline - silky texture, dense, trace tan fresh
chert with fossils, mottled blue.
Shale; most black, some mottled gray-green-waxy.
Packstone to Wackestone; fossiliferous to oolitic, chalky to
crystalline matrix, no show, free fossiliferous chert.
Wackestone; cream, occasionally off white, tight,
chalky-microcrystalline, fossiliferous, sub oolitic, (1) sample
with patchy very small porosity with light brown stain, instant
cut from dull gold fluorescence, no odor, no free oil.
Wackestone; as above; no show, tight look wet.
Mudstone; to fossiliferous to sub oolitic Wackestone; tight
looking in wet, no show, no odor, no cut on selected samples,
(1) sample chalky-very soft white claystone with spty stain,
residual cut, no visible oil or gas, 90min (1) sample,
Wackestone, spty fluor, rare stain, instant cut, no oil or
rainbow when broken, no odor.
Mudstone; cream, tan to brown, chalky, microcrystalline, some
crystalline, hard to brittle, some soft, no show, Mixed with
gray-grn, sea green and black shales, (1) sample green chert.
90min traces vfg off white to gry sand-no show, (1) sample
Wackestone fluorescence-instant cut, no odor, no visible oil.
5230' sample with traces brown LS with bright fluorescence
and cut, no odor, no oil, patchy stain only.
Mudstone; trace in samples, vry sml ool and foss Wackstn;
tight wet, patchy stn on bright fluor, instant cut, no vis oil or
gas, no odor, looks tight.
Dolomite; buff, light gray, very fine sucrosic, hard to brittle,
bright fluorescence, instant streaming white cut, odor only
when samples crushed, rainbow when crushed, visible
bleeding gas, no visible oil, spotty to even stain, some no stain
look wet!
Packstone; off white to cream, oolitic, chalky to
microcrystalline, no show.
Dolomite; as above; fair sample odor, some bleeding brown o
and gas from rare samples, stain and cut, as above, some loo
barren, visible brown oil in small pinpoint and rare vuggy
porosity, some rainbow look when broken.
Dolomite; traces in sample, cream to light tan, fine crystalline,
intercrystalline por. no visible show, scat. sucorsic with even
to no stain, inst cut, no sample odor.
Packstone; med to crse oolites, off white to cream.
cir 5080
conn
conn
cir 5125
DST#1 5132 - 5268
(136')
conn
conn
@5228
Wt 9.3
Vis 58
Fil 10.4
Chl 6,600
Lcm 2#
Cum $20,939
0
ROP (mmin)
10
6
Caliper (units)
16
0
Gamma (API)
150
cir5208
conn
B/P 5206 (-2650) A
-3 B +23
cir5228
Miss 5231 (-2675) A -6 B
+37
conn
@5294
Wt 8.8
Vis 50
Fil 11.6
Chl 8,600
Lcm 2#
Cum $21,648
DST#2 5,269 - 5,296'
(27')
cir 5264
cir 5268 NB#3,
strap 2' short
conn
5100
5150
5200
5250
Shale gas 78u
50u +15u
75u recycle +25u shale
gas?
5182-5186 not true gas
readings, trap down in
the mud!
0
TG, C1-C5
100
55u
85u +30U
Scale Change
0
TG, C1-C5
300
note scale change
@ 5230'
225u +175u kick!
did recycle!
245u +195u kick!
did recycle!
Scale Change
0
TG, C1-C5
5000
note scale change
@ 5269'
2500u +500u
+350u recycle?


9.0 70 2#
cir5296 2' corr!
conn
conn
conn
@5386
Wt 9.1
Vis 56
Fil 16
Chl 10,500
Lcm 2#
Cum $21,853
conn
conn
conn
0
ROP (min/ft)
10
6
Caliper (units)
16
0
Gamma (API)
150
5300
5350
5400
5450
Dolomite; very fine sucorsic, scattered vuggy to rare oomold porosity, some with bleeding oil and gas, some look barren, very faint odor in samples, samples with even stain instant c samples with spotty to no stain have no cut to slow milky cut, less show here in the 90min-wet?
Dolomite; light gray, very fine sucrosic, hard to brittle, trace with bleeding gas and oil, most look barren, is this old show? sample quality very poor here due to trip after DST #2.
Packstone; off white to cream, oolitic to sub oolitic and fossiliferous, most microcrystalline matrix, most hard to brittle, occasionally chalky-soft, some with bight mineral fluorescence, no show, abundant chert in samples, most white, all fresh, slight improvement in quality of sample here.
Mudstone; cream to buff and off white, most chalky, hard to brittle.
Dolomite; light gray to buff, rare sample with bleeding oil and gas, no odor, old show?
Packstone; cream to off white, hard to brittle, chalky to microcrystalline, fossiliferous and oolitic, traces free oolitic chert and white chert, no show.
Wackestone; cream to light tan, hard, very fine crystalline to small sub fossiliferous to sub oolitic look, tight lookine, no show.
Dolomite; light gray, gritty texture, hard, no show.
Packstone; tan, cream, gritty texture, tight looking matrix, some with mineral inclusions, no show.
Dolomite; tan, light brown, hard, gritty to some fine crystalline some limy, tight looking wet, no show.
Wackestone; cream to light gray, some with dark inclusions, some dolomitic, fossiliferous to sub oolitic, hard to brittle, very dull mineral fluorescence, no show.
Packstone; off white to cream, most firm, oolites and fossils i a tight looking microcrystalline to chalky matrix, no show, ra oomoldic and vuggy porosity, no stain, increase in shale with depth - cave?
Wackestone; off white to cream and buff, oolitic to sub oolitic fossiliferous, chalky to microcrystalline matrix, free chert in samples as above, no show in samples, increase in vary colored shales with depth - cave.
DST #1 5,132 - 5,268' (136') 30-60-60-120, IH 2688, IF 51-63 (BOB 2.5min), ISI 1569 (No blow), FF 71-132 (GTS 7min, 10min 12.8mcf, 20min 14.7mcf, 30min 16.9mcf, 40min 20.3mcf, 50min 22.9mcf, 60min 25.9mcf), FSI 1594, FH 2567, Rec; 60' SOCGM (2%gas, 1%oil, 97%mud), 60' SOCGM (5%gas, 2%oil, 93%mud 30' SOCGM (10%gas, 2%oil, 88%mud), BHT 116F.
DST #2 5,269' - 5,296' 30-60-60-120, IH 2624, IF 19-41 (BOB 9min), ISI 1540 (No blow), FF 43-88 (BOB 2min), FSI 1568 (No blow), FH 2622, Rec; 2475' gas in pipe, 50' WOCGM (40%gas, 15%oil, 5%water, 40%mud), 60' GWOCM (10%gas, 20%oil, 15%water, 55%mud, 60' OGCMW (10%gas, 5%oil, 45%water, 40%mud), BHF 116F, Rwa 0.16 @ 64.6 F (0.089 @ BHT), Chl 60,000ppm, Chl mud 8,600ppm.
2000u
+100u recycle?
5268 to 5296 hot wire working but reading values to high!
Scale Change
TG, C1-C5
0
1000
change out Tooke Daq due to electrical failure!
TG, C1-C5
0
1000
RTD 5,440' 8/20/12

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

Kansas
Corporation Commission

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

December 07, 2012

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

Re: ACO1
API 15-057-20833-00-00
Swonger 1-4
NE/4 Sec.04-29S-23W
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