



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1215667  
OIL & GAS CONSERVATION DIVISION

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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 #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1215667

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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 <i>(Amount and Kind of Material Used)</i>	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
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Smith 1-8
Doc ID	1215667

All Electric Logs Run

Dual Induction
Density - Neutron
Mico-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Smith 1-8
Doc ID	1215667

Tops

Name	Top	Datum
Heebner Shale	4384	(-1858)
Brown Limestone	4534	(-2008)
Lansing	4547	(-2021)
Stark Shale	4882	(-2356)
Pawnee	5090	(-2564)
Cherokee Shale	5137	(-2611)
Base Penn Limestone	5236	(-2710)
Mississippian	5257	(-2731)
RTD	5450	(-2924)



# QUALITY WELL SERVICE, INC.

6117

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410  
Fax 620-672-3663

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

Date 3-25-14	Sec. 8	Twp. 29	Range 22	County Ford	State Ks	On Location 8:15 pm	Finish 12:00
Lease Smith	Well No. 1-8		Location Kingsdown 1/2 N 1/4 E sinto				
Contractor Val Z				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 12 1/4		T.D. 689		Charge To Vincent oil			
Csg. 8 7/8		Depth 687		Street			
Tbg. Size		Depth		City			
Tool		Depth		State			
Cement Left in Csg.		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace 41 bbls		Cement Amount Ordered 125sx MDX 145sx common			
<b>EQUIPMENT</b>				2 1/2 Gal 390 cc 1/4 c.f.			
Pumptrk 8	No.	Derrick		Common 145			
Bulktrk 9	No.	M.K.		Poz. Mix 125 sx MDX			
Bulktrk 10	No.	Sca		Gel. 11			
Pickup	No.			Calcium 10			
<b>JOB SERVICES &amp; REMARKS</b>				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal 66.25			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
				Sand			
Ran 16 jts 8 7/8 csg.				Handling 271			
				Mileage 50			
Established circulation with mud pump.				<b>FLOAT EQUIPMENT</b>			
				Guide Shoe			
Mixed and pumped 125sx MDX				Centralizer			
145sx common 2 1/2 Gal 390 cc 1/4 c.f.				Baskets			
Released plug displaced with 41 bbls				AFU Inserts			
H 2/8 Plug landed shut in 500 psi				Float Shoe Service supervisor			
				Latch-Down L MV 50			
Cement did circulate to surface.				1 8 7/8 Barite Plate			
				1 8 7/8 wooden plug			
				Pumptrk Charge Surface			
				Mileage 50 X 2			
				Tax			
				Discount			
				Total Charge			
Signature Herb Smith							

# ALLIED OIL & GAS SERVICES, LLC 062746

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

DATE <u>4/5/14</u>	SEC. <u>8</u>	TWP. <u>29s</u>	RANGE <u>22w</u>	CALLED OUT <u>4/4/14 5:30PM</u>	ON LOCATION <u>4/4/14 9:30PM</u>	JOB START <u>4/5/14 100AM</u>	JOB FINISH <u>2:15AM</u>
LEASE <u>Smith</u>		WELL # <u>1-8</u>		LOCATION <u>Kingsdown KS, 1 North, 1/4 East,</u>		COUNTY <u>Ford</u>	STATE <u>KS</u>
OLD OR <u>(NEW)</u> (Circle one)				South/East into			

CONTRACTOR Val #2

TYPE OF JOB Production

HOLE SIZE <u>7 7/8</u>	T.D. <u>5450</u>
CASING SIZE <u>4 1/2</u>	DEPTH <u>5448</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1100</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>17</u>
CEMENT LEFT IN CSG. <u>17</u>	
PERFS.	
DISPLACEMENT <u>84 BBLs Fresh H<sub>2</sub>O w/ 2% KCL</u>	

OWNER Vincent

CEMENT

AMOUNT ORDERED 50sx 60:40:4% Gcl, 175sx Class A ASC + 5# Kolsal + .5% FL-160 + Gas Block, 9 Gals KCL, 12 BBLs ASF

EQUIPMENT

PUMP TRUCK # <u>558/555</u>	CEMENTER <u>Jason Thimesch</u>
BULK TRUCK # <u>561/553</u>	HELPER <u>Scott Friddy</u>
BULK TRUCK #	DRIVER <u>James Bower</u>
BULK TRUCK #	DRIVER

COMMON <u>A 30 sx</u>	@ <u>17.90</u>	<u>537.00</u>
POZMIX <u>20 sx</u>	@ <u>9.35</u>	<u>187.00</u>
GEL	@	
CHLORIDE	@	
ASC <u>175 sx</u>	@ <u>20.90</u>	<u>3657.50</u>
<u>Kolsal 875 #</u>	@ <u>.98</u>	<u>857.50</u>
<u>FL-160 82 #</u>	@ <u>18.90</u>	<u>1549.80</u>
<u>Gas Block 25 #</u>	@ <u>18.00</u>	<u>450.00</u>
<u>ASF 12 Bbls</u>	@ <u>58.70</u>	<u>704.40</u>
<u>KCL 9 Gals</u>	@ <u>34.40</u>	<u>309.60</u>
	@	
	@	
	@	
HANDLING <u>286.81</u>	@ <u>2.49</u>	<u>711.28</u>
MILEAGE <u>1204/50/2.60</u>		<u>2345.20</u>
TOTAL		<u>11,309.28</u>

REMARKS:

Break circulation w/ Pig  
Pump 12 Bbls ASF  
Plug P+M w/ 50 sx 60:40:4  
@ casing Pump 175 sx ASC  
Wash Pumps + Release plug  
Displace with 84 Bbls 2%.  
Bump plug + float held

SERVICE

DEPTH OF JOB <u>5448'</u>	
PUMP TRUCK CHARGE <u>3099.25</u>	
EXTRA FOOTAGE	@
MILEAGE <u>50</u>	@ <u>2.70</u> <u>335.00</u>
MANIFOLD	@ <u>275.00</u>
<u>LV 50</u>	@ <u>4.40</u> <u>220.00</u>
	@

CHARGE TO: Vincent Oil Co.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 3979.25

PLUG & FLOAT EQUIPMENT

<u>4 1/2</u>	
<u>1 Guide shoe</u>	@ <u>225.00</u>
<u>1- AFP</u>	@ <u>325.00</u>
<u>6- Centralizers</u>	@ <u>57.00</u> <u>342.00</u>
<u>1- Top Rubber plug</u>	@ <u>83.00</u>
	@

TOTAL 975.00

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.

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 16,263.53

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Erik Hagans

SIGNATURE 

(NET) 11,972.74



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Vincent Oil Corporation

**8-29S-22W Ford**

155 N Market Ste 700  
Wichita, KS 67202

**Smith 1-8**

ATTN: Tom Dudgeon

Job Ticket: 51975

**DST#: 1**

Test Start: 2014.04.02 @ 01:36:45

## GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:59:00

Time Test Ended: 11:37:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

**Interval: 5226.00 ft (KB) To 5265.00 ft (KB) (TVD)**

Reference Elevations: 2526.00 ft (KB)

Total Depth: 5265.00 ft (KB) (TVD)

2518.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

**Serial #: 6798 Inside**

Press@RunDepth: 28.61 psig @ 5227.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.02 End Date: 2014.04.02

Last Calib.: 2014.04.02

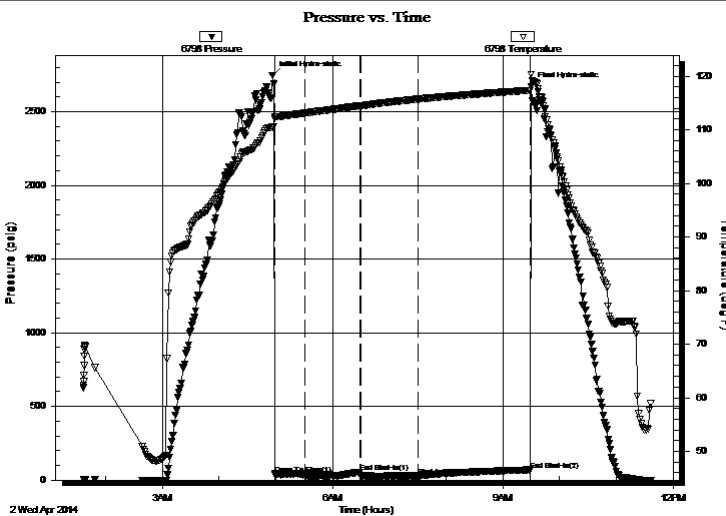
Start Time: 01:36:46 End Time: 11:37:15

Time On Btm: 2014.04.02 @ 04:56:15

Time Off Btm: 2014.04.02 @ 09:30:00

**TEST COMMENT:** IF: Fair Blow , BOB in 6 minutes  
IS: Weak Surface Blow Back  
FF: Weak Blow , Built to 4 inches  
FS: No Blow Back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2747.27	110.49	Initial Hydro-static
3	40.79	112.31	Open To Flow (1)
35	39.91	113.09	Shut-In(1)
93	54.46	114.46	End Shut-In(1)
94	25.34	114.46	Open To Flow (2)
154	28.61	115.71	Shut-In(2)
273	69.35	117.35	End Shut-In(2)
274	2670.22	120.32	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	160 GIP	0.00
20.00	SGCM 2%G 98%M	0.28

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Vincent Oil Corporation

**8-29S-22W Ford**

155 N Market Ste 700  
Wichita, KS 67202

**Smith 1-8**

Job Ticket: 51975

**DST#: 1**

ATTN: Tom Dudgeon

Test Start: 2014.04.02 @ 01:36:45

### 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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8300.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	160 GIP	0.000
20.00	SGCM 2%G 98%M	0.281

Total Length: 20.00 ft      Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

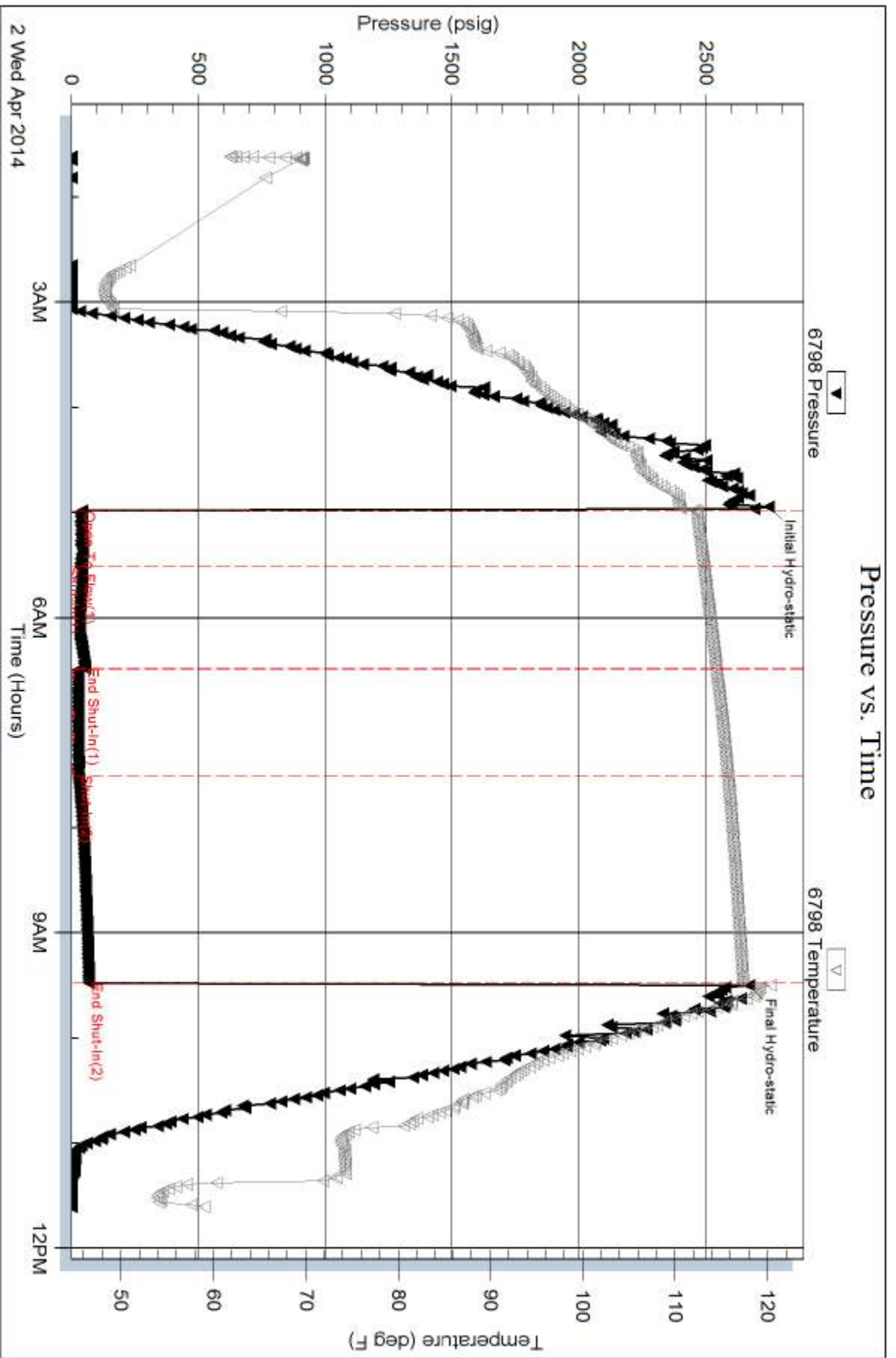
Serial #: 6798

Inside

Vincent Oil Corporation

Smith 1-8

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 51975

Printed: 2014.04.02 @ 11:54:50



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corporation  
 155 N Market Ste 700  
 Wichita, KS 67202  
 ATTN: Tom Dudgeon

**8-29S-22W Ford**  
**Smith 1-8**  
 Job Ticket: 58976      **DST#: 2**  
 Test Start: 2014.04.02 @ 20:05:25

## GENERAL INFORMATION:

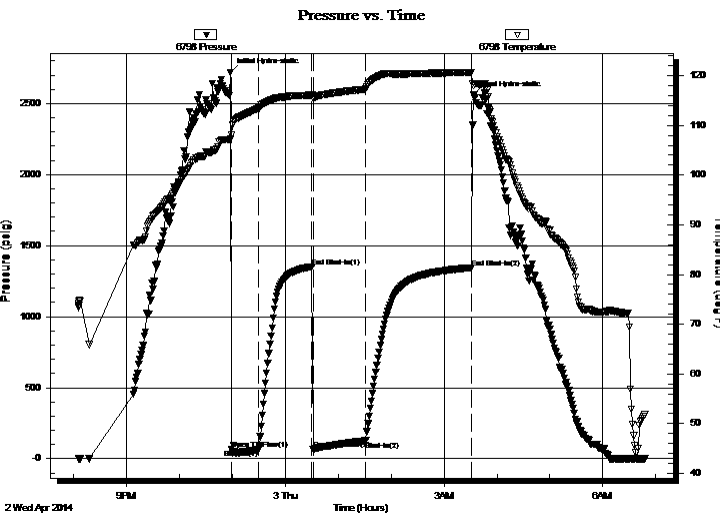
Formation: **Mississippi**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 22:58:40  
 Time Test Ended: 06:48:10  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Leal Cason  
 Unit No: 74  
 Interval: **5263.00 ft (KB) To 5291.00 ft (KB) (TVD)**  
 Reference Elevations: 2526.00 ft (KB)  
 Total Depth: 5291.00 ft (KB) (TVD)      2518.00 ft (CF)  
 Hole Diameter: 7.88 inches      Hole Condition: Good      KB to GR/CF: 8.00 ft

## Serial #: 6798

Inside

Press @ Run Depth: 126.47 psig @ 5264.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.04.02      End Date: 2014.04.03      Last Calib.: 2014.04.03  
 Start Time: 20:05:26      End Time: 06:48:10      Time On Btm: 2014.04.02 @ 22:57:25  
 Time Off Btm: 2014.04.03 @ 03:33:40

TEST COMMENT: IF: Fair Blow , BOB in 4 minutes  
 IS: No Blow Back  
 FF: Strong Blow , BOB in 30 seconds, GTS in 15 minutes, Caught Sample, TSTM  
 FS: 1/2 inch Blow Back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2718.80	107.21	Initial Hydro-static
2	68.98	108.04	Open To Flow (1)
32	64.39	113.40	Shut-In(1)
93	1352.13	116.09	End Shut-In(1)
94	64.96	115.39	Open To Flow (2)
154	126.47	117.29	Shut-In(2)
274	1344.61	120.67	End Shut-In(2)
277	2558.78	117.96	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	4969 GTS	0.00
124.00	GOMCW 20%G 20%O 20%M 40%W	1.74
155.00	GOCM 10%G 30%O 40%M	2.17

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Vincent Oil Corporation

**8-29S-22W Ford**

155 N Market Ste 700  
Wichita, KS 67202

**Smith 1-8**

Job Ticket: 58976

**DST#: 2**

ATTN: Tom Dudgeon

Test Start: 2014.04.02 @ 20:05:25

### 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:

70000 ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9400.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	4969 GTS	0.000
124.00	GOMCW 20%G 20%O 20%M 40%W	1.739
155.00	GOCM 10%G 30%O 40%M	2.174

Total Length: 279.00 ft      Total Volume: 3.913 bbl

Num Fluid Samples: 0

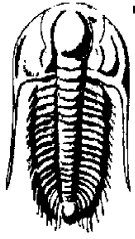
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .19 @ 41 degrees



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

Vincent Oil Corporation

**8-29S-22W Ford**

155 N Market Ste 700  
Wichita, KS 67202

**Smith 1-8**

Job Ticket: 58976

**DST#: 2**

ATTN: Tom Dudgeon

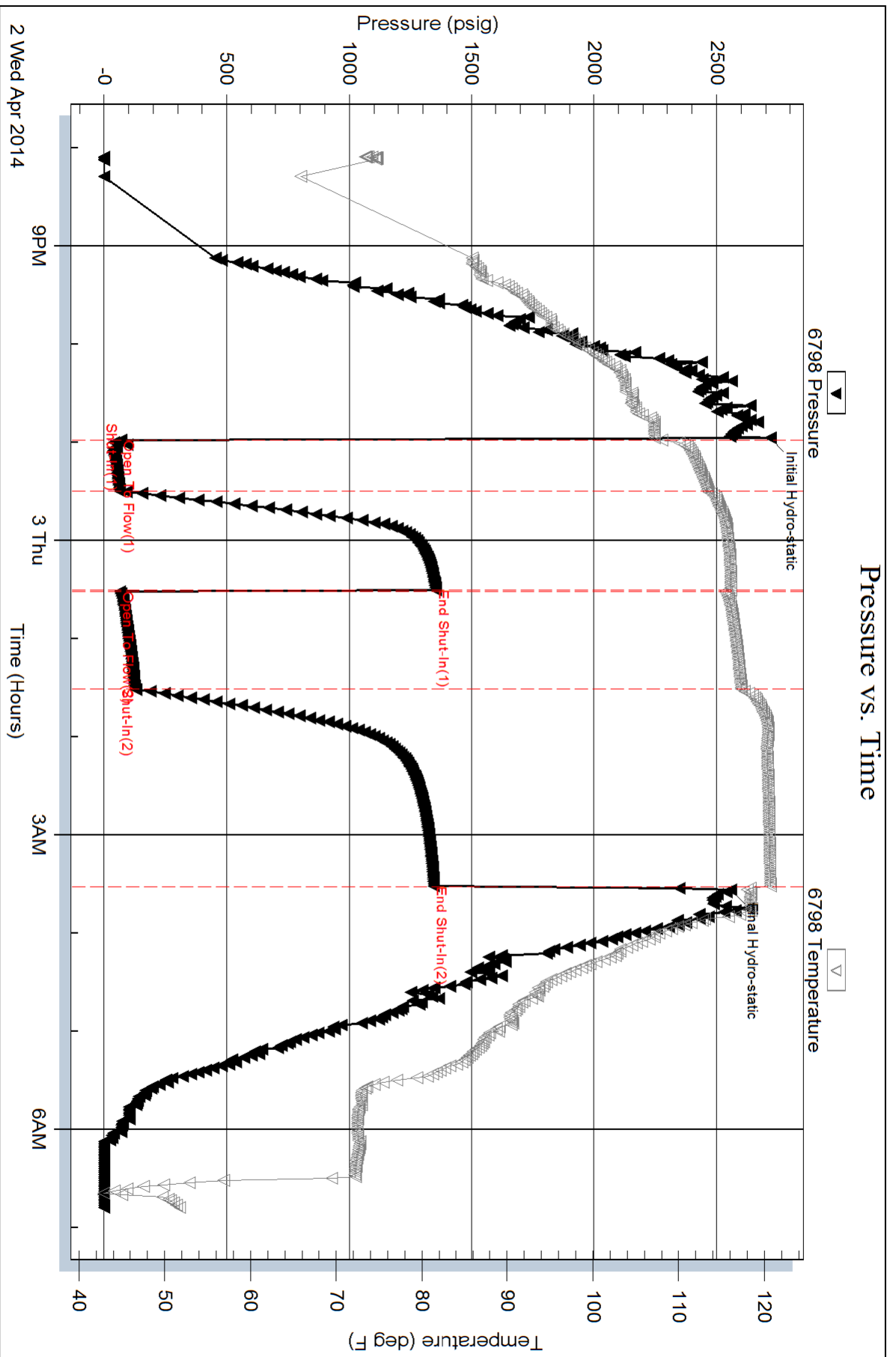
Test Start: 2014.04.02 @ 20:05:25

### 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)
		0.00	0.00	0.00





# VINCENT OIL CORPORATION



Scale 1:240 Imperial

Well Name:	Smith 1-8	
Surface Location:	8-29S-22W	
Bottom Location:		
API:	15-057-20929	
License Number:		
Spud Date:	3/25/2014	Time: 11:00 AM
Region:		
Drilling Completed:	4/3/2014	Time: 7:46 PM
Surface Coordinates:	465 FNL & 1305 FWL	
Bottom Hole Coordinates:		
Ground Elevation:	2516.00ft	
K.B. Elevation:	2526.00ft	
Logged Interval:	4250.00ft	To: 5450.00ft
Total Depth:	0.00ft	
Formation:	MISS	
Drilling Fluid Type:		

### OPERATOR

Company:	Vincent Oil Corporation	
Address:	155 N Market Ste. 700 Wichita, KS 67202	
Contact Geologist:	Dick Jordan	
Contact Phone Nbr:	316-262-35731	
Well Name:	Smith 1-8	
Location:	8-29S-22W	API: 15-057-20929
Pool:		Field:
State:	Kansas	Country:

### CONTRACTOR

Contractor:	Val Energy, Inc.	
Rig #:	2	
Rig Type:	Rotary	
Spud Date:	3/25/2014	Time: 11:00 AM
TD Date:	4/3/2014	Time: 7:46 PM
Rig Release:	4/4/2014	Time: 2:15 PM

SURFACE COORDINATES

**SURFACE CO-ORDINATES**

Well Type: Vertical  
 Longitude: -99.7526801 Latitude: 37.5403673  
 N/S Co-ord: 465 FNL  
 E/W Co-ord: 1305 FWL

**ELEVATIONS**

K.B. Elevation: 2526.00ft Ground Elevation: 2516.00ft  
 K.B. to Ground: 10.00ft

**CASING SUMMARY**

	Surface	Intermediate	Main		
Bit Size	12.25 in				
Hole Size			7.88 in		
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8.625 in	689 ft	23#	16	3/26/2014 6:00 AM
Int Casing					
Prod Casing	4.5 in	5446 ft	11.6#	124	

**CASING SEQUENCE**

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

**OPEN HOLE LOGS**

Logging Company: Nabors Completion and Production Services Co.  
 Logging Engineer: Jason Cappellucci  
 Truck #: 4854  
 Logging Date: 4/4/2014 Time Spent: 5  
 # Logs Run: 4 # Logs Run Successful: 4

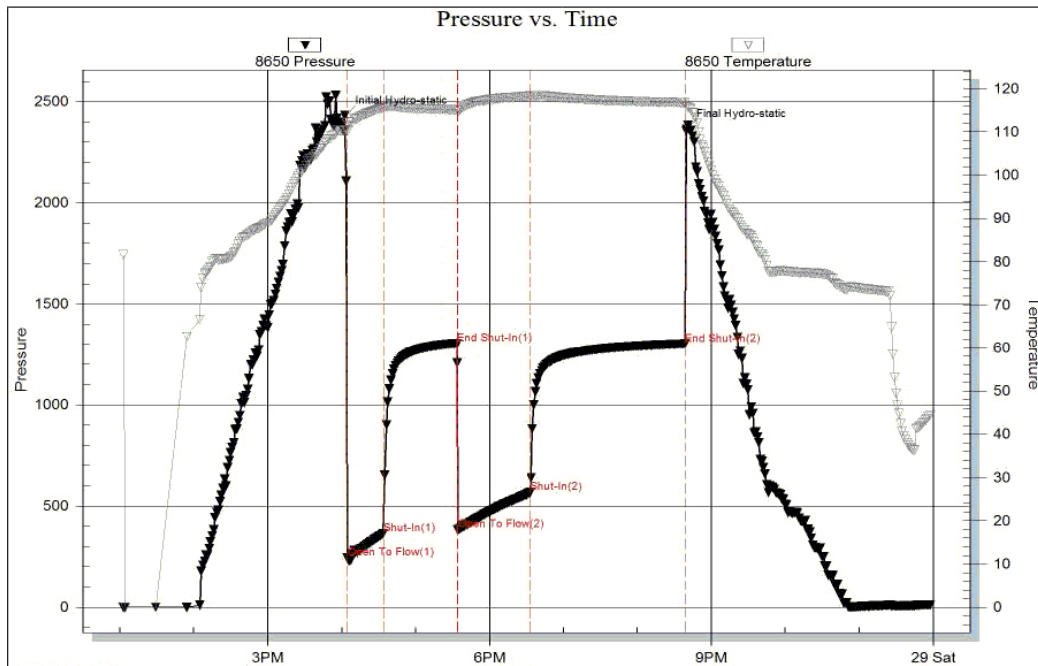
**LOGS RUN**

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
Dual Induction	0.00ft	5450.00ft	2.00		1
CNDE/PE	4300.00ft	5450.00ft	2.00		1
Micro	4300.00ft	5450.00ft	3.00		2
Sonic	0.00ft	5450.00ft	3.00		2

**LOGGING OPERATION SUMMARY**

Date	From	To	Description Of Operation
4/7/2014	0.00ft	0.00ft	

Serial #: 8650    Outside    Vincent Oil Corporation    Frey #1-5    DST Test Number: 1



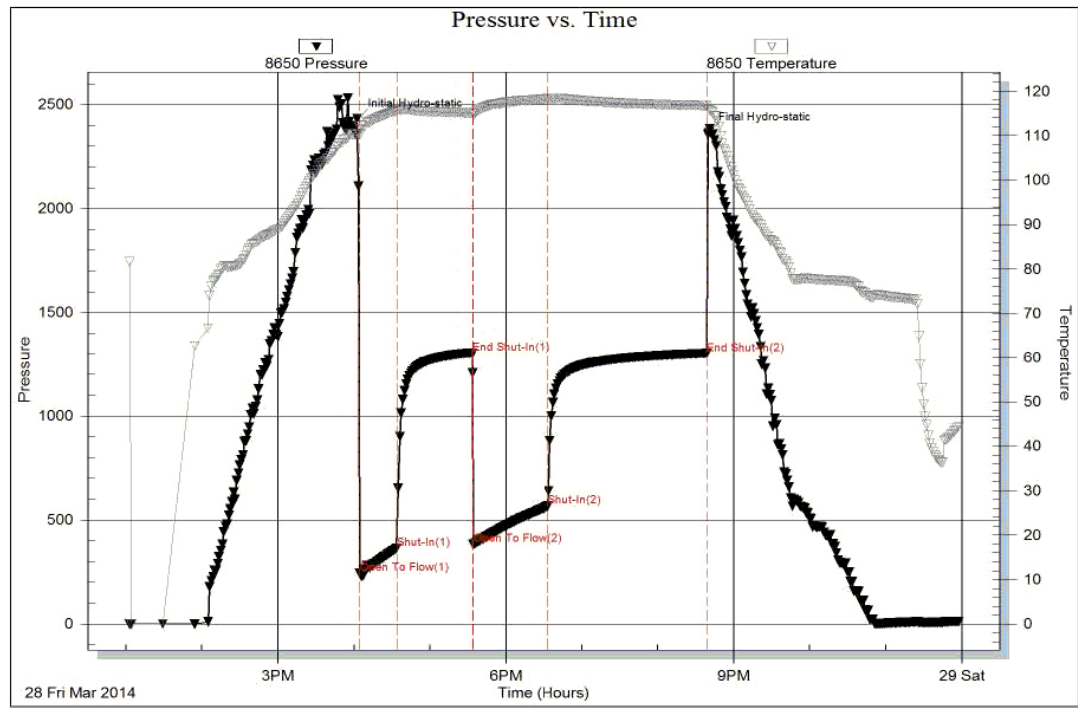


Serial #: 8650

Outside Vincent Oil Corporation

Frey #1-5

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 56458

Printed: 2014.04.02 @ 16:53:35

### ROCK TYPES

- △ △ △ △ Cht
- ▨ Dolsec
- ▨ Lmst fw7>
- ▨ Shblk
- Coal
- ▨ Lmst fw<7
- ▨ Shgy
- ▨ Shcol

### ACCESSORIES

#### MINERAL

- ⊥ Calcareous
- ▲ Chert, dark
- ∩ Glauconite
- P Pyrite
- Sandy
- Silty
- △ Chert White

#### FOSSIL

- Crinoids
- F Fossils < 20%
- ⊕ Oolite

#### STRINGER

- ▨ Limestone
- ▨ Shale

#### TEXTURE

- C Chalky
- e Earthy

### OTHER SYMBOLS

#### POROSITY TYPE

- x Intercrystalline
- φ Interoolitic
- V Vuggy
- P Pinpoint
- ∩ Moldic
- O Organic
- F Fracture
- e Earthy
- Fenestral

#### OIL SHOWS

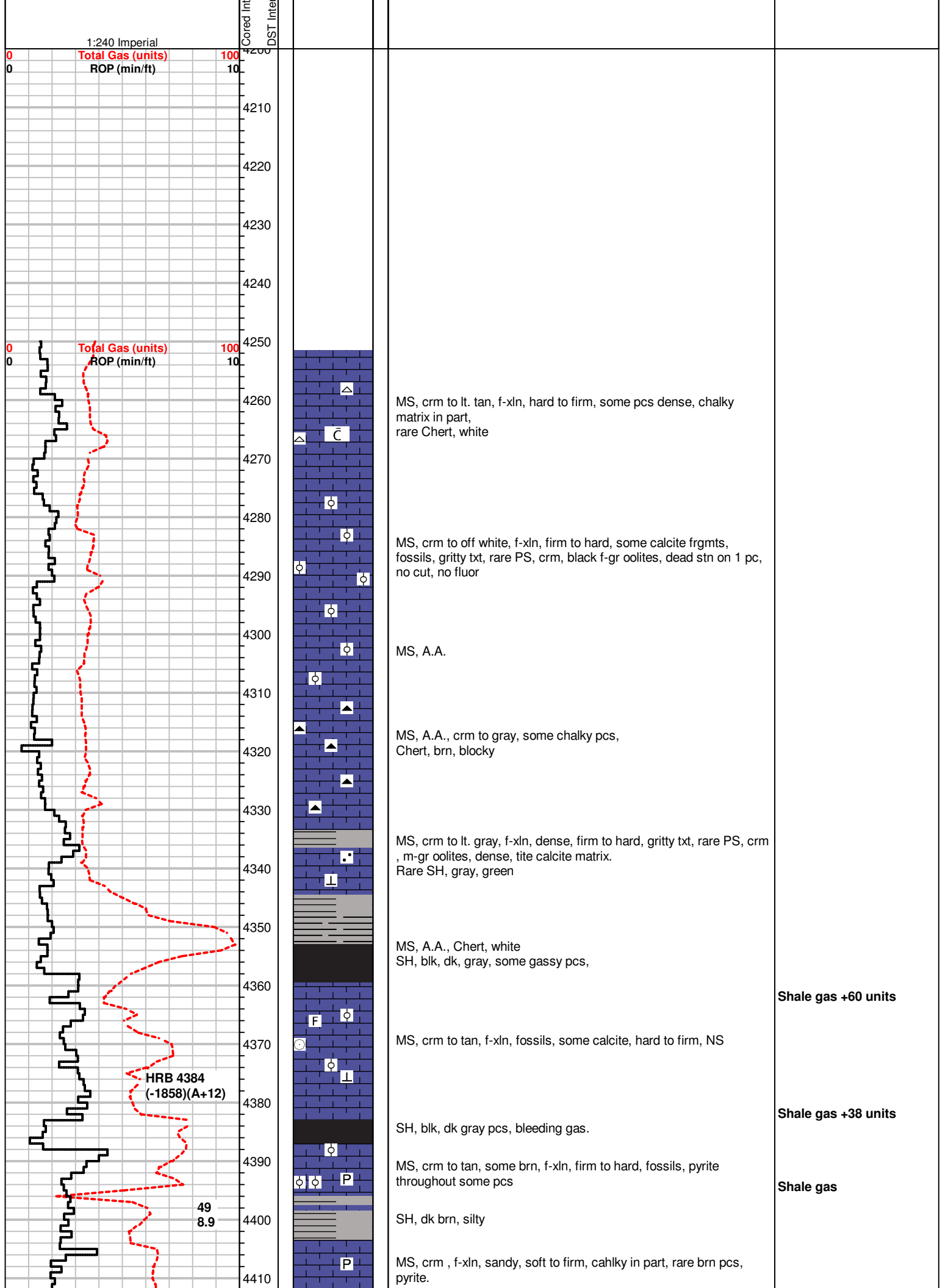
- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

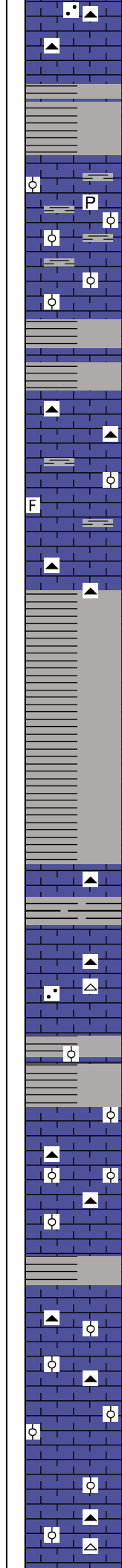
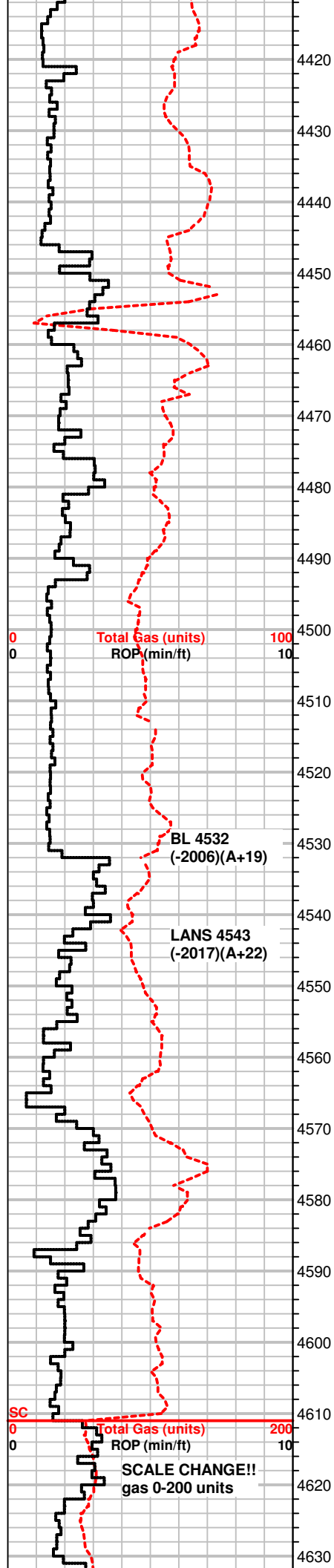
#### INTERVALS

- Core
- DST

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

<p>Curve Track #01</p> <p>Total Gas (units) <span style="color: red;">----</span></p> <p>ROP (min/ft) <span style="color: black;">----</span></p>	<p>Depth   Intervals</p> <p>Porosity Types</p> <p>Interpreted Lithology</p> <p>Oil Shows</p>	<p>Geological Descriptions</p>	<p>Comment</p>
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MS, gray to crm, m-xln, firm, some sandy pcs A.A.,  
Chert, gray, white, wthrd pcs

SH, blk, gray,

MS-WS, crm to tan, f-xln to massive, rare f-oolitic pcs, hard to friable, Pyrite, dead wormy stn, no flour, no cut, NS

MS, A.A.

SH, gray, some silty

MS, crm to gray, f to m-xln, dense, vf pyrite inclusions  
Chert, gray, brn, some SH, gray

MS, crm to brn, tan, f to m-xln, some mottled pcs, hard to firm, some fossilif., SH, gray

MS, crm to gray, f-xln, dense, some chalky pcs, mottled pcs throughout  
Chert, gray

Sh, gray

SH, gray, brn

MS, crm to brn pcs, f-xln, hard, some sandy, rare f-oolitic pcs,  
Chert, white, gray

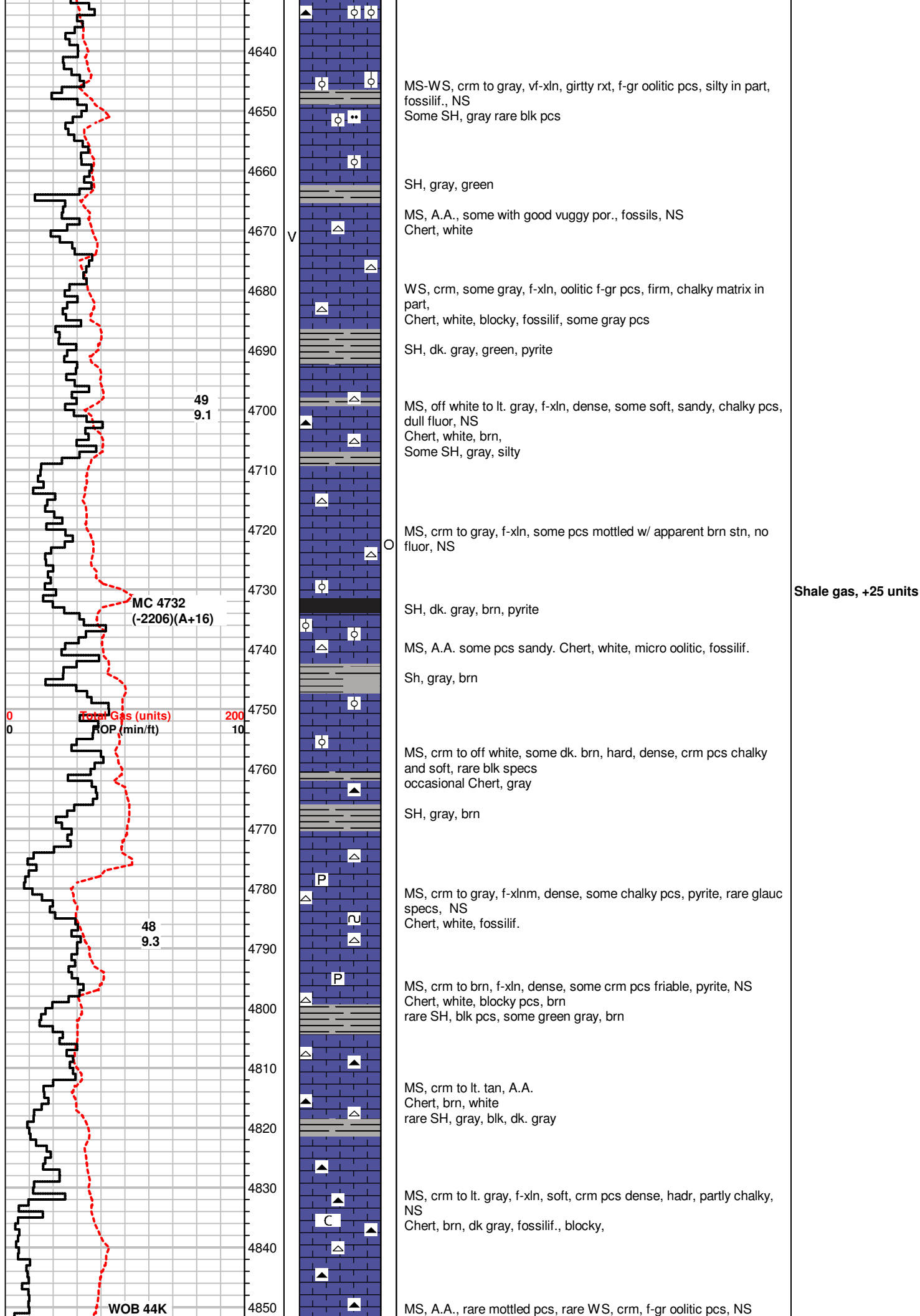
MS, crm to tan, rare brn, firm to hard, some chalky pcs, dense pcs, some mottled w/ Chert on edges, white

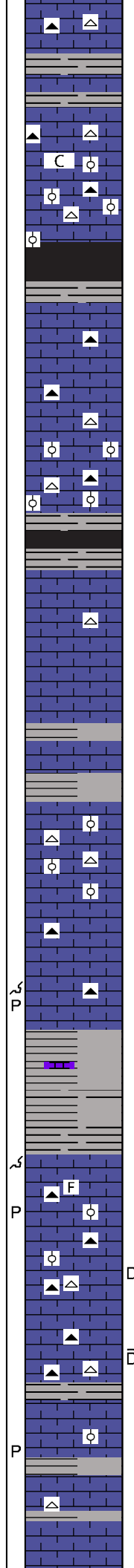
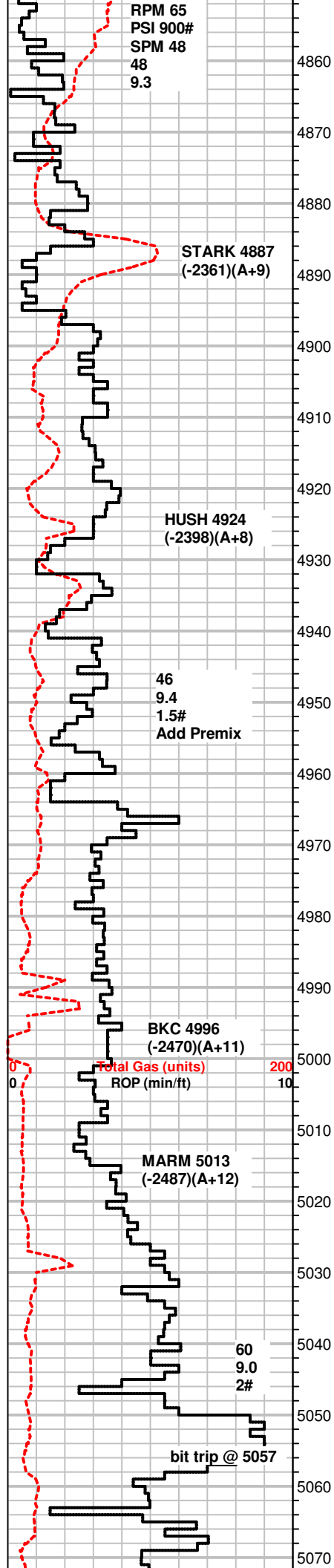
MS-WS, tan, some crm, vf-oolitic pcs, some dense, firm to hard, NS, rare chalky pcs MS, brn  
Some SH, gray

MS, crm, f-xln, dense, hard, some soft, rare gritty pcs, micro-oolitic txt, mottled pcs w/ m-gr black ooids  
Chert, tan

MS, crm to tan, f to vf-xln, firm, micro oolitic pcs, rare mottled pcs w/ blk specs, min. flour, NS  
Chert, tan  
some SH, gray

MS-WS, crm to tan, vf-xln, some mic-xln, rare m-gr oolitic pcs, tite matrix, rare mottled pcs A.A., bright min. flour, NS  
Chert, dk gray, white





Chert, brn, off white

Some SH, gray green, rare pcs with yellowish and maroon shades

MS-WS, rare PS, crm to gray, some brn, f- to m-xln, m-gr oolitic pcs, tite matrix, chalky crm pcs, some dead wormy stn, no cut, no fluor, NS  
Chert, white, gray, tan

SH, dk. gray, blk

MS, crm, some gray, f-xln, soft to firm, fossils, gritty txt.  
Chert, gray, tan

SH, gray, silty in part.

MS, A.A.- rare WS, crm to brn, m-gr ooids(black),  
Chert, white, gray

SH, dk. gray, gray

MS, crm to tan, f-xln, dense, NS

MS, crm to tan, f-xln, A.A.

Sh, gray

Sh, dk. gray

MS-WS, crm to off white, brn mic-xln, micro oolitic, chalky pcs, mostly dense, NS  
Chert, white

MS, crm to lt. tan, f-xln, dense, hard, MS  
Chert, gray, white, brn

SH, gray, green, pyrite

SH, dk. gray, gray

MS, gray to crm, vf-xln, dense, hard,  
Inc. amt of crm pcs, fractured  
Chert, brn, fossilif.

MS, crm to gray, f-xln, dense, rare mottled pcs,  
Chert, brn, fossilif. A.A.

MS, crm to brn, some gray, dense, hard, some dk. brn, some calcite on edges, rare mottled pcs, halite molds  
Chert, white, brn, fossilif.

MS, crm to off white, f-xln, A.A.

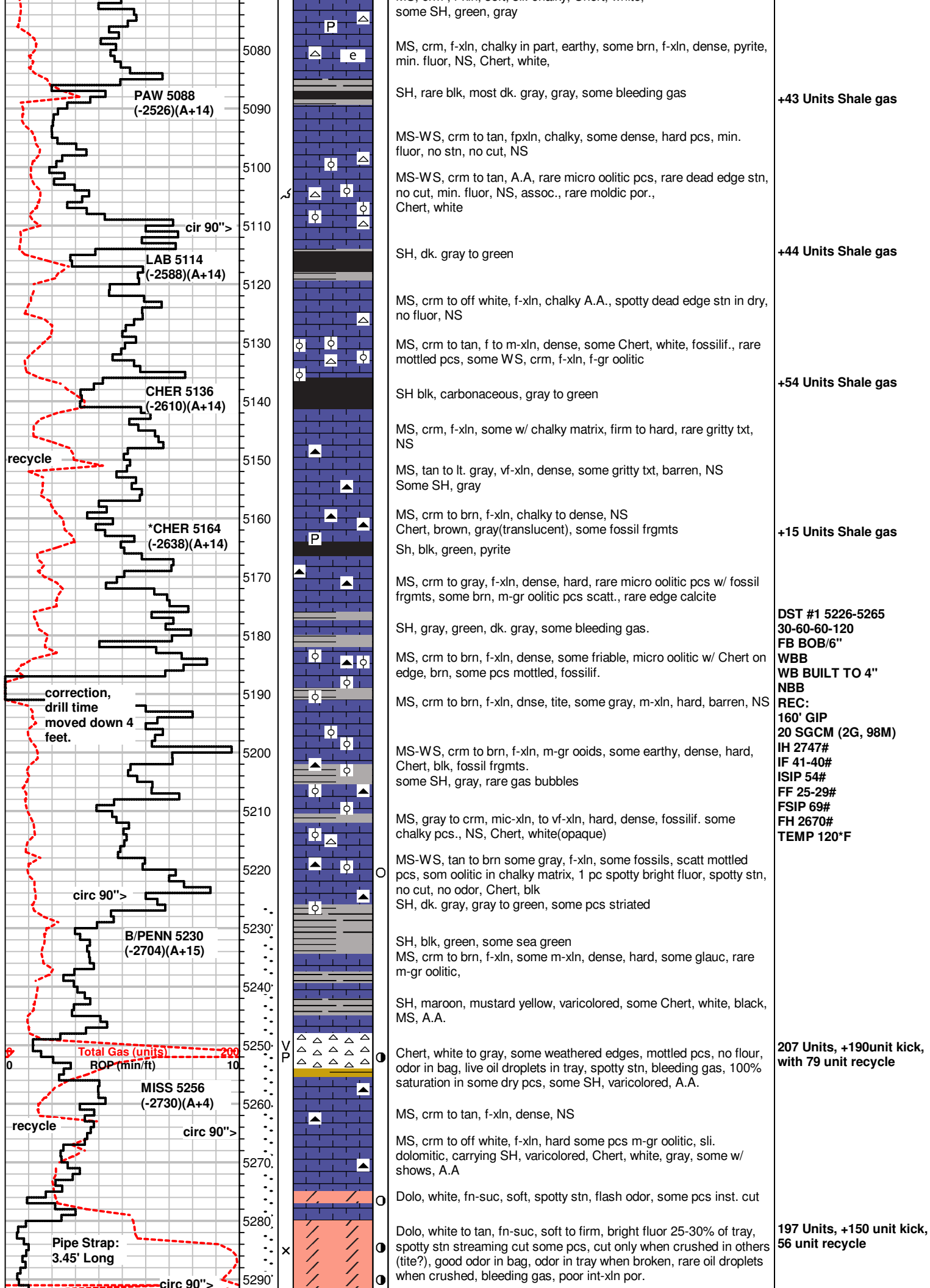
SH, gray, brn, silty

SH, A.A, poor sample, MS, crm to tan, f-xln, dense,  
Chert, white

MS, crm, f-xln, soft, sli, chalky, Chert, white.

Shale gas +84 units

Shale gas +17 units



some SH, green, gray

MS, crm, f-xln, chalky in part, earthy, some brn, f-xln, dense, pyrite, min. fluor, NS, Chert, white,

SH, rare blk, most dk. gray, gray, some bleeding gas

MS-WS, crm to tan, fpxln, chalky, some dense, hard pcs, min. fluor, no stn, no cut, NS

MS-WS, crm to tan, A.A, rare micro oolitic pcs, rare dead edge stn, no cut, min. fluor, NS, assoc., rare moldic por., Chert, white

SH, dk. gray to green

MS, crm to off white, f-xln, chalky A.A., spotty dead edge stn in dry, no fluor, NS

MS, crm to tan, f to m-xln, dense, some Chert, white, fossilif., rare mottled pcs, some WS, crm, f-xln, f-gr oolitic

SH blk, carbonaceous, gray to green

MS, crm, f-xln, some w/ chalky matrix, firm to hard, rare gritty txt, NS

MS, tan to lt. gray, vf-xln, dense, some gritty txt, barren, NS  
Some SH, gray

MS, crm to brn, f-xln, chalky to dense, NS  
Chert, brown, gray(translucent), some fossil frgmts  
Sh, blk, green, pyrite

MS, crm to gray, f-xln, dense, hard, rare micro oolitic pcs w/ fossil frgmts, some brn, m-gr oolitic pcs scatt., rare edge calcite

SH, gray, green, dk. gray, some bleeding gas.

MS, crm to brn, f-xln, dense, some friable, micro oolitic w/ Chert on edge, brn, some pcs mottled, fossilif.

MS, crm to brn, f-xln, dnse, tite, some gray, m-xln, hard, barren, NS

MS-WS, crm to brn, f-xln, m-gr ooids, some earthy, dense, hard, Chert, blk, fossil frgmts.  
some SH, gray, rare gas bubbles

MS, gray to crm, mic-xln, to vf-xln, hard, dense, fossilif. some chalky pcs., NS, Chert, white(opaque)

MS-WS, tan to brn some gray, f-xln, some fossils, scatt mottled pcs, som oolitic in chalky matrix, 1 pc spotty bright fluor, spotty stn, no cut, no odor, Chert, blk  
SH, dk. gray, gray to green, some pcs striated

SH, blk, green, some sea green  
MS, crm to brn, f-xln, some m-xln, dense, hard, some glauc, rare m-gr oolitic,

SH, maroon, mustard yellow, varicolored, some Chert, white, black, MS, A.A.

Chert, white to gray, some weathered edges, mottled pcs, no flour, odor in bag, live oil droplets in tray, spotty stn, bleeding gas, 100% saturation in some dry pcs, some SH, varicolored, A.A.

MS, crm to tan, f-xln, dense, NS

MS, crm to off white, f-xln, hard some pcs m-gr oolitic, sli. dolomitic, carrying SH, varicolored, Chert, white, gray, some w/ shows, A.A

Dolo, white, fn-suc, soft, spotty stn, flash odor, some pcs inst. cut

Dolo, white to tan, fn-suc, soft to firm, bright fluor 25-30% of tray, spotty stn streaming cut some pcs, cut only when crushed in others (tite?), good odor in bag, odor in tray when broken, rare oil droplets when crushed, bleeding gas, poor int-xln por.

**+43 Units Shale gas**

**+44 Units Shale gas**

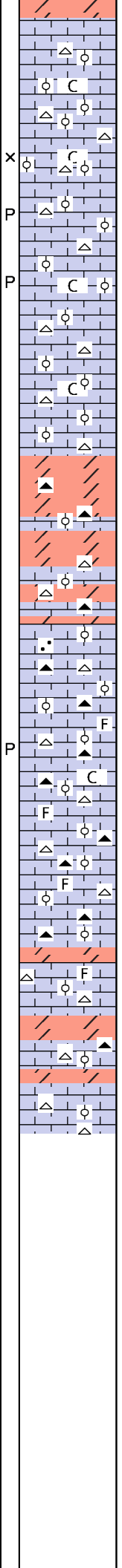
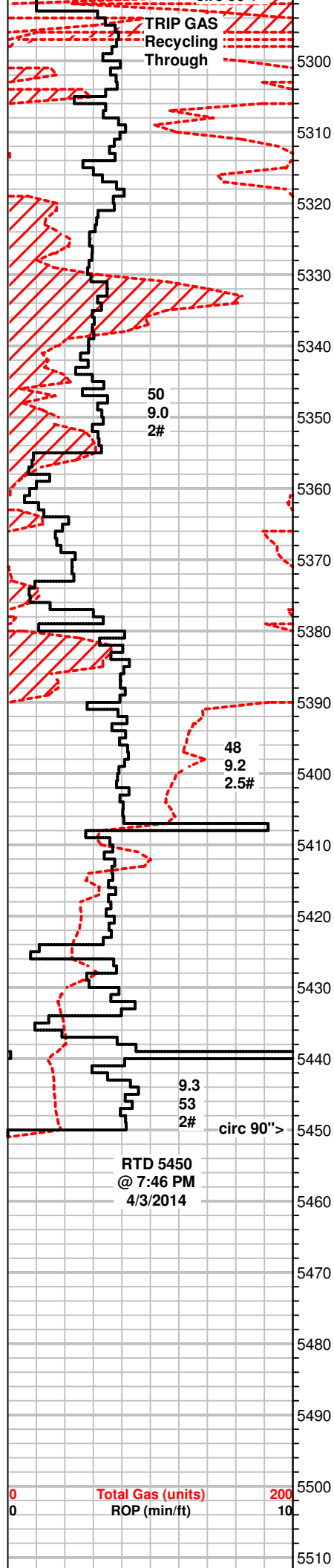
**+54 Units Shale gas**

**+15 Units Shale gas**

**DST #1 5226-5265**  
**30-60-60-120**  
**FB BOB/6"**  
**WBB**  
**WB BUILT TO 4"**  
**NBB**  
**REC:**  
**160' GIP**  
**20 SGCM (2G, 98M)**  
**IH 2747#**  
**IF 41-40#**  
**ISIP 54#**  
**FF 25-29#**  
**FSIP 69#**  
**FH 2670#**  
**TEMP 120°F**

**207 Units, +190unit kick, with 79 unit recycle**

**197 Units, +150 unit kick, 56 unit recycle**



MS-WS, crm to tan, some off white, dense, earthy in part, some fossilif pcs, hard to firm, some fractured pcs, NS

MS-WS, crm to tan, firm, fractured pcs, rare PS, off white, soft, fossilif, NS

WS-PS, crm to off white, sli chalky matrix, m-gr oolitic pcs, some fossilif., some calcite, Chert, white, tan, NS

WS-PS, off white to crm, A.A., some chalky matrix w/ m-gr ooids. A.A.

WS, crm to tan, sli. chlaky in part, firm to hard, fossilif in few pcs, m-gr oolites in chalky matrix, NS, Chert, white, tan

WS, crm to tan, sli. chalky, firm to hard, fossilif in rare pcs, m-gr oolitic, barren, NS, Chert, tan to white

PS, off white, soft to firm, partially oolitic, m-gr ooids, chalky pcs scatt.

PS, off white, A.A., Chert, white

Dolo, brn, vf-xln, fn-suc txt, firm to hrad, gold min. fluor, NS some WS, crm to tan, f-xln, dense, oolitic in part, rare Chert, gray, white

Dolo, brn, tan, firm to hard, A.A.

WS, crm to gray, mottled pcs, dolomitic, sandy txt, firm, NS Chert, white, bluish gray

WS-PS, crm to off white, chalky, f to m-xln, soft to hard, Chert, blk, white, micro oolitic, fossilif. rare PP por.

WS-PS, crm to off white, chalky, some hard, f-xln, Chert, white, blk, fossilif

WS-PS, crm to tan, chalky, f-xln pcs, hard, dense, Chert, white, blk, fossilif.

Dolo, tan to brn, vf-suc, hard

MS, crm to tan, f-xln, firm, rare PS, off white, fossilif, m-gr oolities, Chert, white

MS, A.A., Chert, white, gray, tan  
Dolo, brn to tan, f-suc, hard

Dolo, gray to brn, f-xln, vf-suc, hard,  
MS, crm, f-xln, firm, some pcs oolitic WS, Chert, white, tan fossilif.

DST #2 5263-5291  
30-60-60-120  
FB BOB/4"  
NBB  
SB BOB/30SEC  
GTS/15" TSTM  
1/2IN BB  
REC:  
4969' GIP  
279' FLUID AS FOLLOWS  
155 GOCM (10G, 30O,  
60M)  
125 GOMCW (20G, 20O,  
40W, 20M)  
IH 2719#  
IF 64-69#  
ISIP 1352#  
FF 65-126#  
FSIP 1345#  
FH 2559#  
TEMP 120°F  
CL 70,000  
Rw .19@41°F

