



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1156228  
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
-----------------------------------	-----------------	---

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: \_\_\_\_\_



1156228

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](mailto: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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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

<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> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Durler 1-1
Doc ID	1156228

Tops

Name	Top	Datum
Heebner Shale	4220	(-1680)
Brown Limestone	4323	(-1783)
Lansing	4332	(-1792)
Stark Shale	4650	(-2110)
Pawnee	4854	(-2314)
Cherokee Shale	4896	(-2356)
Base Penn Limestone	4992	(-2452)
Mississippian	5038	(-2498)
RTD	5110	(-2570)

# ALLIED OIL & GAS SERVICES, LLC 053347

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Liberal KS

DATE <u>4-27-13</u>	SEC. <u>1</u>	TWP. <u>27S</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00</u>	JOB FINISH <u>4:00</u>
LEASE <u>Wurler</u>	WELL # <u>1-1</u>	LOCATION <u>Nec Dodge City KS</u>	COUNTY <u>Ford</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)							

**CONTRACTOR**

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 476

CASING SIZE 8 5/8 DEPTH 430

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 42.20

CEMENT LEFT IN CSG. 2.6 bbls

PERFS.

DISPLACEMENT 27.8 bbls

**EQUIPMENT**

PUMP TRUCK CEMENTER Lenny Baeza

# 549-SSO HELPER Aldo Espinoza

BULK TRUCK

# 562-528 DRIVER Ricardo Estrada

BULK TRUCK

# DRIVER

**OWNER**

CEMENT

AMOUNT ORDERED 315 sk 60/40 20/0 cc

20 gel

COMMON	<u>189.00 sk</u>	@	<u>17.90</u>	<u>3,383.10</u>
POZMIX	<u>126 sk</u>	@	<u>9.35</u>	<u>1,178.10</u>
GEL		@		
CHLORIDE	<u>7</u>	@	<u>64.00</u>	<u>448.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>333.20</u>	@	<u>2.48</u>	<u>826.34</u>
MILEAGE	<u>493.50</u>	@	<u>2.60</u>	<u>1,283.10</u>
Drayage				
<b>TOTAL</b>				<u>7118.64</u>

REMARKS:  
Thank You

**SERVICE**

DEPTH OF JOB 0-500

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE @

MILEAGE 35 @ 7.70 269.50

MANIFOLD 1 @ 275.00 275.00

light vehicle 35 @ 4.40 154.00

**TOTAL** 2210.75

CHARGE TO: Vincent Oil Corp

STREET \_\_\_\_\_

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

**PLUG & FLOAT EQUIPMENT**

Wooden Plug 1 @ 94.50

@

@

@

@

@

**TOTAL** 94.50

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 \$ 9423.89

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

Net = 8937.05

PRINTED NAME John Roberts

SIGNATURE John Roberts

# ALLIED OIL & GAS SERVICES, LLC 052177 ✓

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: LIBERAL Kc

DATE <u>5-6-13</u>	SEC. <u>1</u>	TWP. <u>07</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00 Am</u>	JOB FINISH <u>8:00 Am</u>
LEASE <u>DURLER</u> WELL # <u>1-1</u>		LOCATION <u>U E on 400</u>			COUNTY <u>FORD</u>	STATE <u>Kc</u>	
OLD OR NEW (Circle one) <u>NEW</u>		To Rd 117 N+E Toloc					

CONTRACTOR UAC #1 OWNER SAME

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. \_\_\_\_\_ CEMENT AMOUNT ORDERED 250 60/40

CASING SIZE 5 1/2 DEPTH \_\_\_\_\_ 4% GEL 1/4 FLO SEAL

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 XH DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 200 PSI MINIMUM 0

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT 19.79 BBL

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER R. HAN

# 549/550 HELPER A ESPINOSA

BULK TRUCK \_\_\_\_\_

# 451/251 DRIVER E SMITH

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

Thank You!

CHARGE TO: VINCENT OIL

STREET \_\_\_\_\_

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

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 Walter Russell

SIGNATURE [Signature]

COMMON	<u>150 A</u>	@ <u>17.90</u>	<u>2685.00</u>
POZMIX	<u>100</u>	@ <u>9.35</u>	<u>935.00</u>
GEL	<u>9316</u>	@ <u>23.40</u>	<u>210.60</u>
CHLORIDE		@	
ASC		@	
FLOSEAL	<u>63#</u>	@ <u>2.92</u>	<u>187.16</u>
HANDLING	<u>262</u>	@ <u>2.48</u>	<u>649.76</u>
MILEAGE	<u>11.73</u>		<u>248.13</u>
TOTAL			<u>7149.30</u>

**SERVICE**

DEPTH OF JOB	<u>1610'</u>		
PUMP TRUCK CHARGE			<u>1250.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>75 mi</u>	@ <u>7.70</u>	<u>577.50</u>
MANIFOLD		@	
CT UEL	<u>2i 75</u>	@ <u>4.40</u>	<u>330.00</u>
TOTAL			<u>2157.50</u>

**PLUG & FLOAT EQUIPMENT**

<u>N/A</u>	@		
	@		
	@		
	@		
TOTAL			

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES 9306.80

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

5863.28



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corporation

**1-27-24 Ford Co**

155 N Market STE 700  
Wichita KS 67202

**Durler #1-1**

Job Ticket: 52309

**DST#: 1**

ATTN: ML Korphage/ Tom Dud

Test Start: 2013.05.04 @ 04:38:01

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:35:16

Time Test Ended: 14:02:46

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

**Interval: 4934.00 ft (KB) To 5057.00 ft (KB) (TVD)**

Reference Elevations: 2541.00 ft (KB)

Total Depth: 5057.00 ft (KB) (TVD)

2530.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 6773 Outside**

Press @ Run Depth: 50.81 psig @ 4935.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.04

End Date:

2013.05.04

Last Calib.:

2013.05.04

Start Time: 04:38:06

End Time:

14:02:46

Time On Btm:

2013.05.04 @ 09:31:31

Time Off Btm:

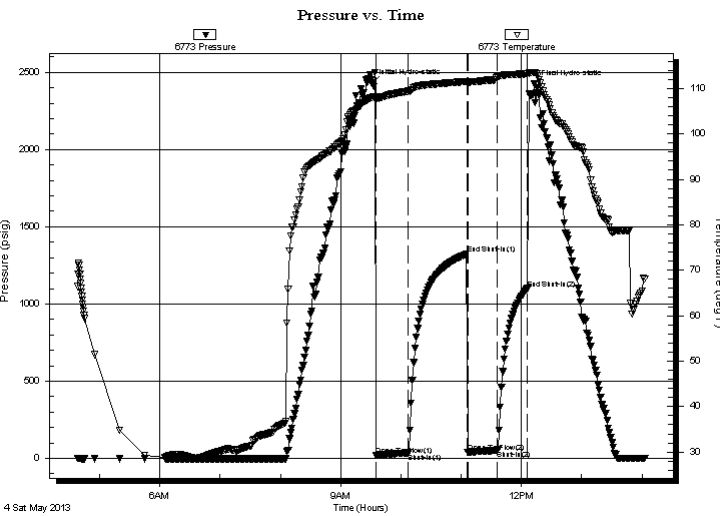
2013.05.04 @ 12:12:46

TEST COMMENT: IF: Weak blow 2 3/4"

ISI: No blow back

FF: No blow

FSI: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2425.16	108.00	Initial Hydro-static
4	19.28	107.76	Open To Flow (1)
36	35.09	109.40	Shut-In(1)
94	1323.37	111.56	End Shut-In(1)
96	38.48	111.34	Open To Flow (2)
125	50.81	112.53	Shut-In(2)
155	1100.30	113.22	End Shut-In(2)
162	2422.85	113.51	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	MUD 100%	0.98

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Corporation

**1-27-24 Ford Co**

155 N Market STE 700  
Wichita KS 67202

**Durler #1-1**

Job Ticket: 52309

**DST#: 1**

ATTN: ML Korphage/ Tom Dud

Test Start: 2013.05.04 @ 04:38:01

## 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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	MUD 100%	0.982

Total Length: 70.00 ft      Total Volume: 0.982 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

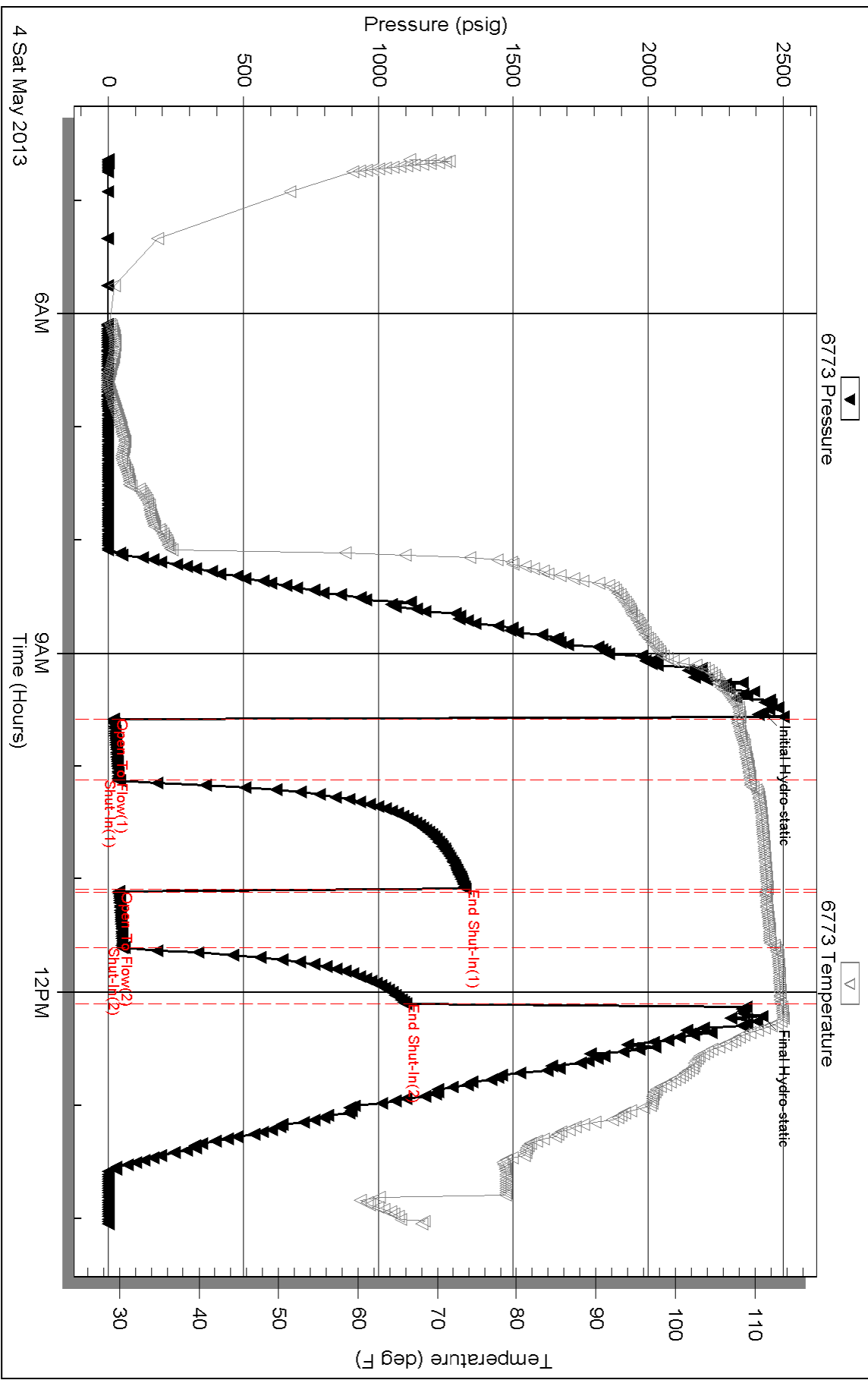
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time







**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corporation

**1-27-24 Ford Co**

155 N Market STE 700  
Wichita KS 67202

**Durler #1-1**

Job Ticket: 52310

**DST#: 2**

ATTN: ML Korphage/ Tom Dud

Test Start: 2013.05.04 @ 21:08:57

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:42:27

Time Test Ended: 06:57:12

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 47

**Interval: 5058.00 ft (KB) To 5074.00 ft (KB) (TVD)**

Reference Elevations: 2541.00 ft (KB)

Total Depth: 5074.00 ft (KB) (TVD)

2530.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

## Serial #: 8676

Press @ RunDepth: 510.18 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.04

End Date:

2013.05.05

Last Calib.:

2013.05.05

Start Time: 21:09:02

End Time:

06:57:12

Time On Btm:

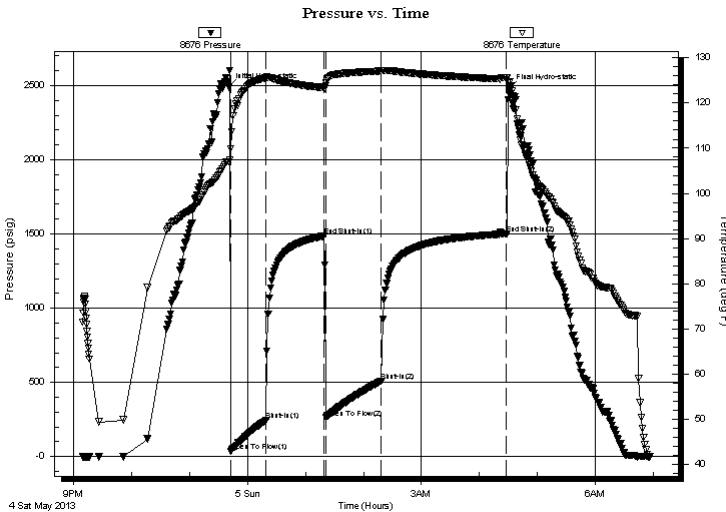
2013.05.04 @ 23:40:12

Time Off Btm:

2013.05.05 @ 04:30:27

**TEST COMMENT:** IF: Strong blow BOB 11 min  
IS: No blow back  
FF: Strong blow BOB 11 min  
FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2489.88	106.96	Initial Hydro-static
3	35.26	109.82	Open To Flow (1)
39	245.78	125.62	Shut-In(1)
99	1486.49	123.40	End Shut-In(1)
101	260.57	123.94	Open To Flow (2)
158	510.18	127.09	Shut-In(2)
288	1502.48	125.57	End Shut-In(2)
291	2476.90	124.45	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1050.00	WATER	14.73
100.00	M,W 20% mud 80% w ater	1.40

## 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

**1-27-24 Ford Co**

155 N Market STE 700  
Wichita KS 67202

**Durler #1-1**

Job Ticket: 52310

**DST#: 2**

ATTN: ML Korphage/ Tom Dud

Test Start: 2013.05.04 @ 21:08:57

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1050.00	WATER	14.729
100.00	M,W 20% mud 80% w ater	1.403

Total Length: 1150.00 ft      Total Volume: 16.132 bbl

Num Fluid Samples: 0

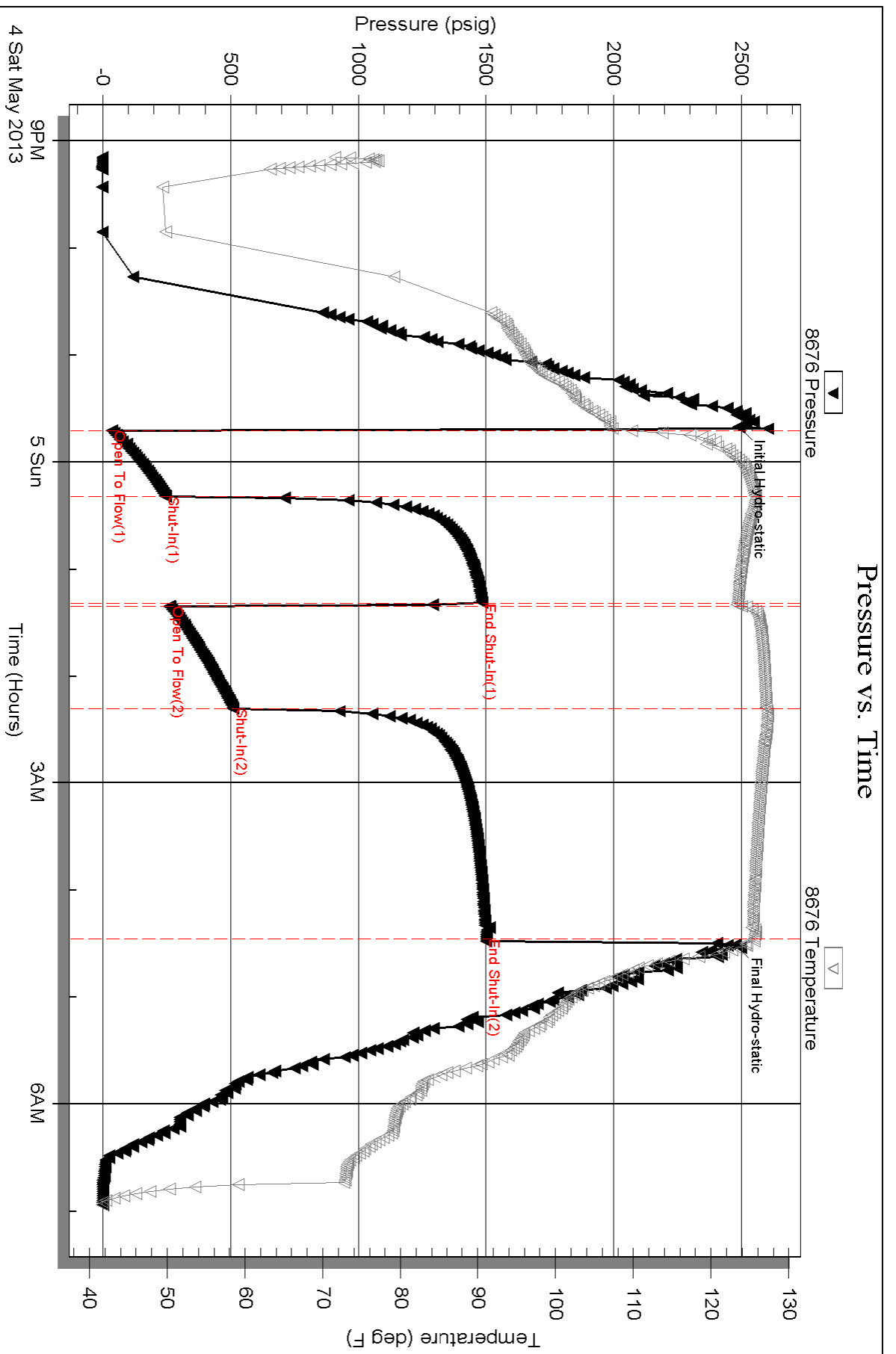
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





# VINCENT OIL CORPORATION



Scale 1:240 Imperial

Well Name:	Durler #1-1	
Surface Location:	NE SW NE NE	
Bottom Location:		
API:	15-057-20888	
License Number:		
Spud Date:	4/26/2013	Time: 10:00 AM
Region:		
Drilling Completed:	5/5/2013	Time: 10:47 AM
Surface Coordinates:	700' FNL & 957' FEL	
Bottom Hole Coordinates:		
Ground Elevation:	2530.00ft	
K.B. Elevation:	2540.00ft	
Logged Interval:	0.00ft	To: 5110.00ft
Total Depth:	0.00ft	
Formation:		
Drilling Fluid Type:		

## OPERATOR

Company: Vincent Oil Corporation  
 Address: 155 N Market Suite 700  
 Wichita, KS 67202

Contact Geologist:  
 Contact Phone Nbr:

Well Name: Durler #1-1  
 Location: NE SW NE NE  
 Pool:  
 State: KS

API: 15-057-20888  
 Field:  
 Country: Ford

## CONTRACTOR

Contractor: Val Energy  
 Rig #: 1  
 Rig Type: Rotary  
 Spud Date: 4/26/2013  
 TD Date: 5/5/2013  
 Rig Release:

Time: 10:00 AM  
 Time: 10:47 AM  
 Time:

## ELEVATIONS

**ELEVATIONS**

K.B. Elevation: 2540.00ft  
K.B. to Ground: 10.00ft

Ground Elevation: 2530.00ft

**SURFACE CO-ORDINATES**

Well Type: Vertical  
Longitude: -99.8908866  
N/S Co-ord: 700' FNL  
E/W Co-ord: 957' FEL  
Latitude: 37.7332388

**CASING SUMMARY**

	Surface	Intermediate	Main		
Bit Size	12.25 in		7.88 in		
Hole Size	12.25 in				
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8.625 in	467 ft	#23	11	4/27/2013 2:30 PM
Int Casing					
Prod Casing					

**CASING SEQUENCE**

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

**OPEN HOLE LOGS**

Logging Company: Nabors  
Logging Engineer:  
Truck #:  
Logging Date:  
# Logs Run: 0  
Time Spent:  
# Logs Run Successful: 0









**LOGS RUN**

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
Neutron Density	0.00ft	0.00ft	0.00		0
Dual Induction	0.00ft	0.00ft	0.00		0

**LOGGING OPERATION SUMMARY**

Date	From	To	Description Of Operation
5/4/2013	0.00ft	0.00ft	

**ROCK TYPES**

 Coal	 Lmst fw<7	 Shgy	 Shcol
 Dolsec	 Ss	 Shblk	 Cht vari

**ACCESSORIES**

**MINERAL**

- ▲ Chert, dark
- ↘ Dolomitic
- ∩ Glauconite
- P Pyrite
- Sandy
- Silty
- ★ Carb Coal
- △ Chert White

**FOSSIL**

- Crinoids
- F Fossils < 20%
- φ Oolite
- ▽ Brachiopods
- ⊗ Corals
- △ Spicules

**STRAT./SED. STRUCTS**

- ~~~~ Stylolites

**STRINGER**

- ▨ Dolomite
- Sandstone
- ~~~~ Chert

**TEXTURE**

- C Chalky

**DUNHAM**

- MS Mudst
- PS Packst
- WS Wackstone

**OTHER SYMBOLS**

**POROSITY TYPE**

- x Intercrystalline
- φ Interporitic

**OIL SHOWS**

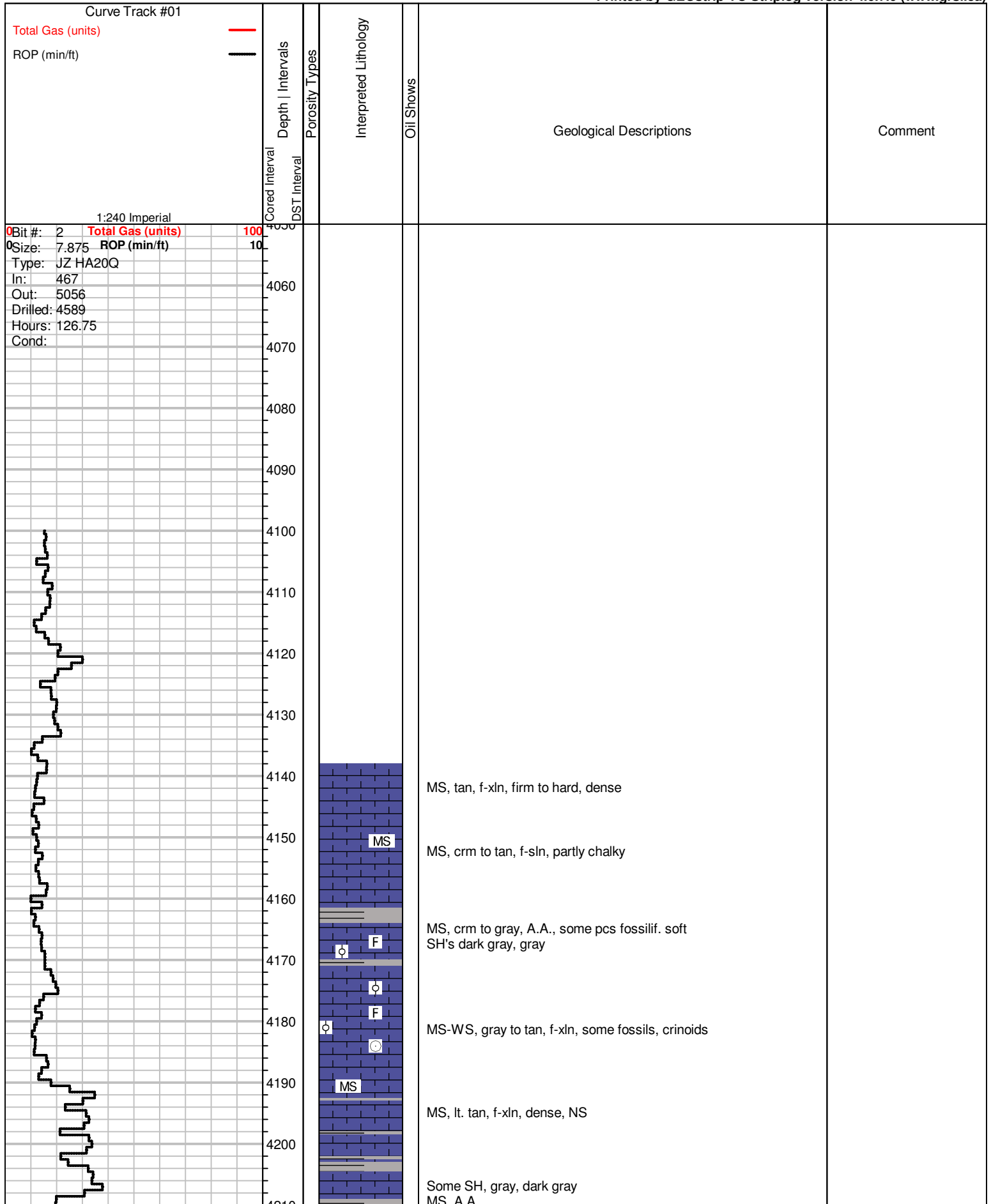
- Even Stn
- Spotted Stn 50 - 75 %

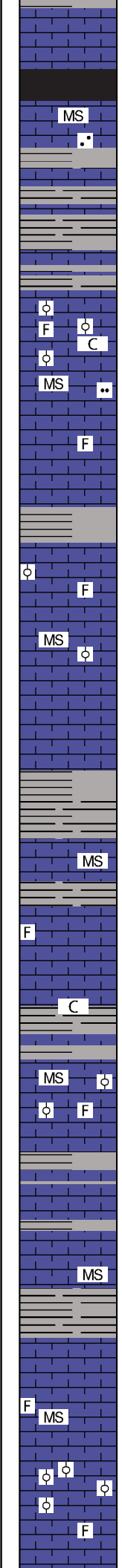
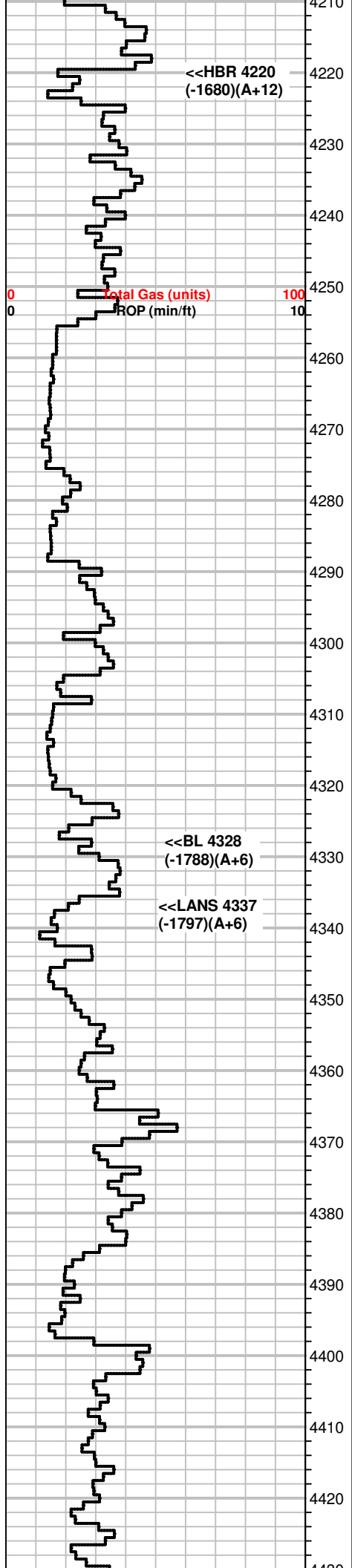
**INTERVALS**

- Core
- ∴ DST

- ∇ Intercalated
- V Vuggy
- P Pinpoint
- ∩ Moldic
- O Organic
- F Fracture
- e Earthy
- ☐ Fenestral

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





MS, f-xln.

SH, black, carb.

MS, lt. brn, f-xln, f-gr particles, sandy like txt.

SH's, gray, green

MS, crm to tan, f-xln, some oolitic in part, hard, some chalky pcs

MS, crm to off white, f-xln, sucrosic looking txt, fossilif. friable pcs

MS, brn, f-xln, dense, hard, fossilif.

SH, gray

MS, brn to tan, m-xln, fossilif. NS

MS, tan, f to m-xln,

SH, dark gray, gray,

MS, brn, f-xln, dense, hard

MS, crm to off white, f-xln, firm to hard, some fossilif. chalky pcs, some mineral fluor, NS

MS, tan, f-xln, some mottled, chalky in part some SH, gray

MS, crm to lt. brn, f-xln, hard, some fossils, NS

MS, tan, crm, f to m-xln, hard, barren

SH, gray, some dark gray,

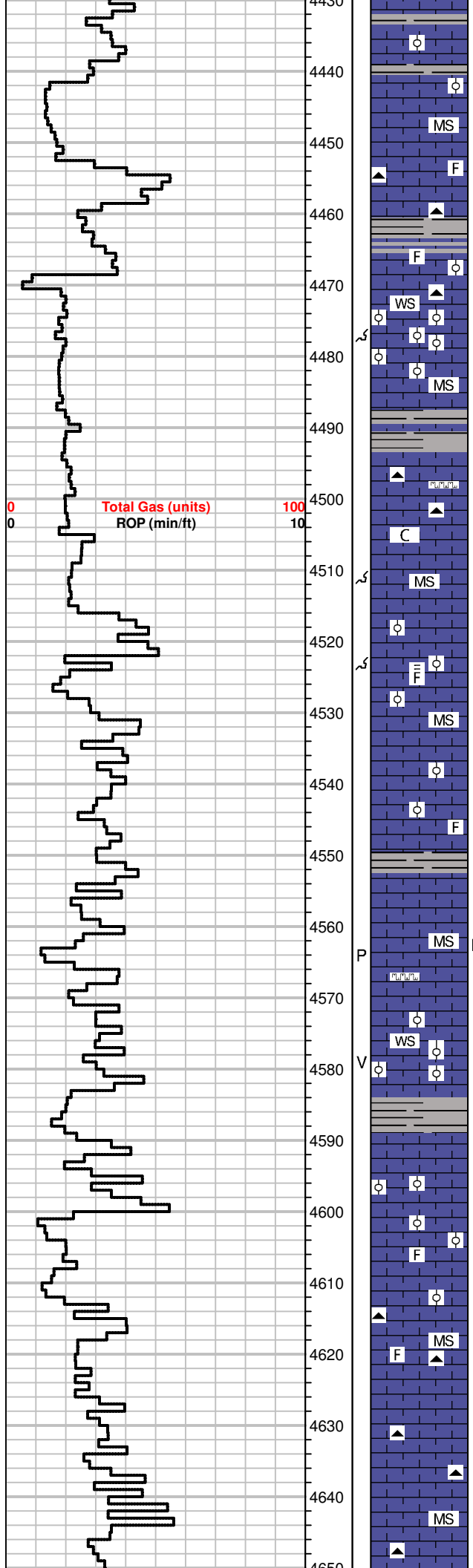
MS, tan, f-xln, hard, fossilif.

MS, crm, f-xln, dense, barren, some f-gr oolitic pcs, NS

VIS 62  
WT 9.3  
LCM TR

WOB 38-40K  
RPM 80  
PP 900PSI  
SPM 58

VIS 60  
WT 9.4



MS, lt. brn, to tan, f-xln, hard, some pcs sub-oolitic, some SH, gray

Flood, MS, crm cahky, firm  
Chert, black, blocky, fossilif.  
Some SH, gray

MS-WS, brn to tan, f-xln, oolitic/oomoldic pcs.

MS, off white to crm, hard, f-xln, some pcs mottled, some chalky  
Chert, grayish white, black

MS, crm, f-xln, dense, hard, oomoldic, NS

MS, lt. tan to crm, f to m-xln, hard, some rare suboolitic pcs, NS  
SH, gray

MS, lt. gray, mic-xln, hard dense, 1 pc w/ dead stain, no cut, bright mineral fluor, PP por  
some SH, gray

WS, lt. brn, f to m-xln, m gr. oolitic pcs, hard, dense f-xln pcs, rare vuggy por. NS

MS-WS, crm to gray, f-xln, hard, some mottled pcs of gray and brown LS, fossilif.

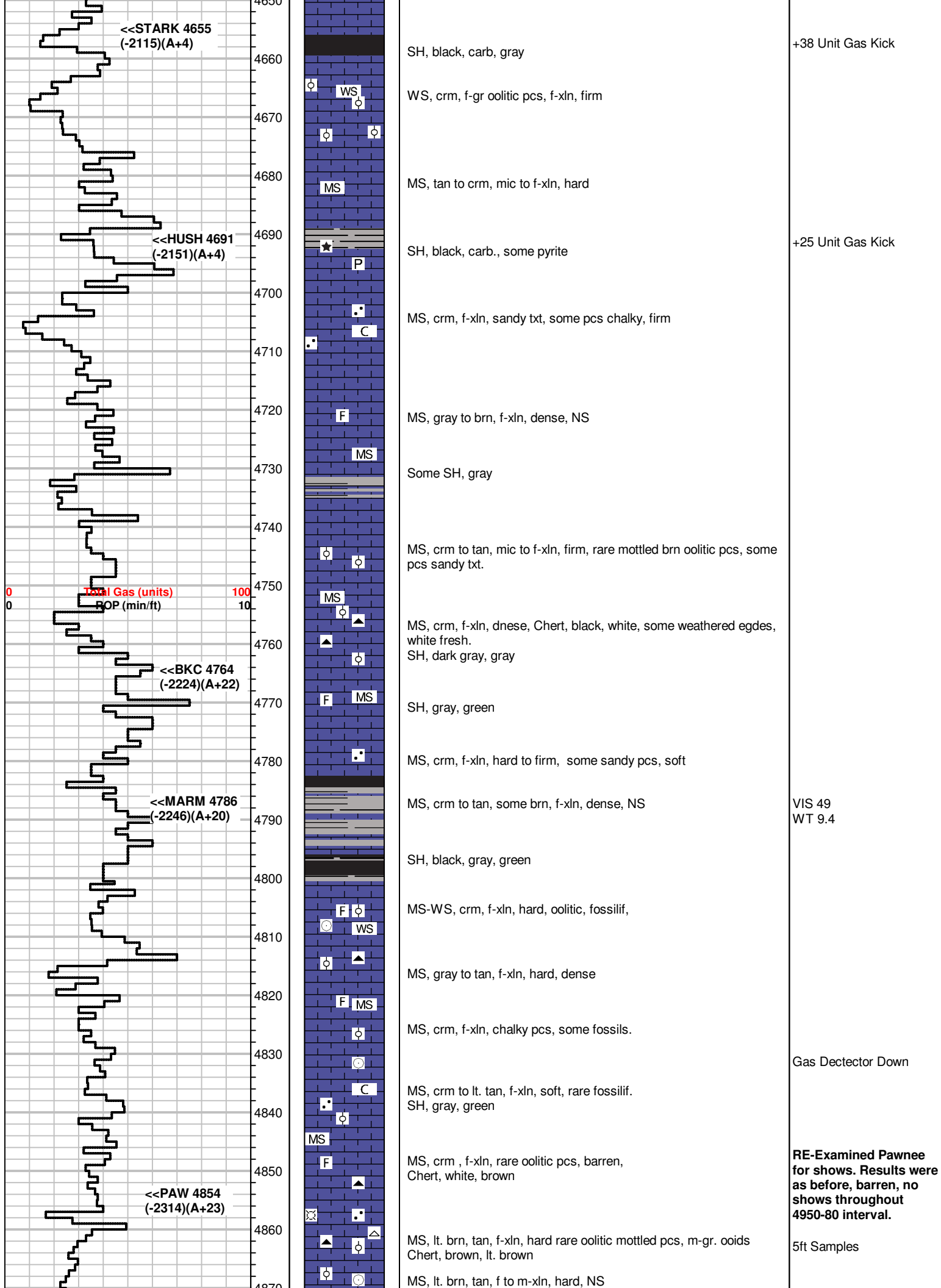
MS, crm, f-xln, dense, some vuggy por., NS  
Chert, opaque white with dark inclusions, black, fossilif.

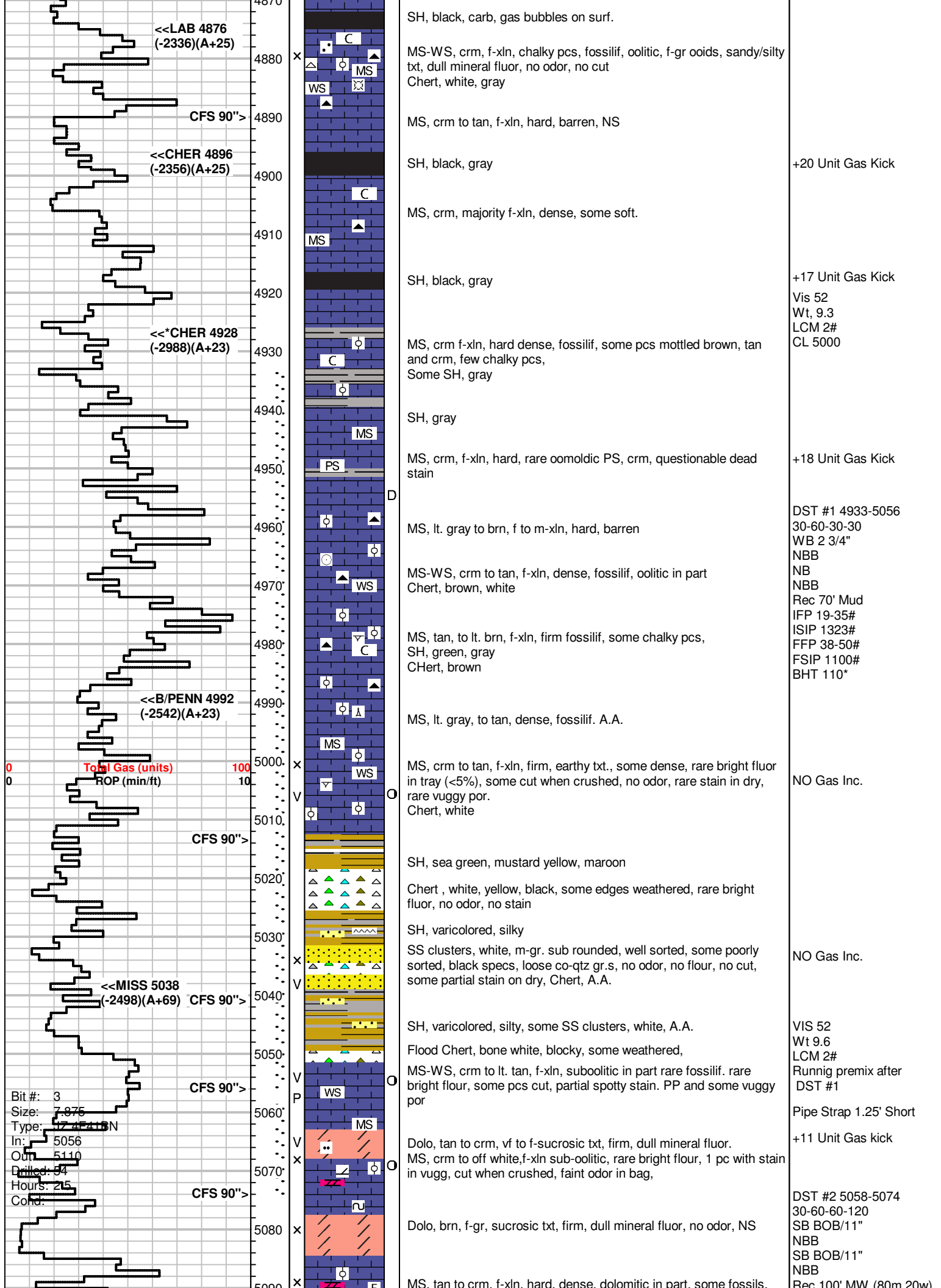
MS, lt. gray, m-xln, dense, NS  
Chert, black

VIS 52  
WT 9.3

Vis 49  
Wt. 9.3  
LCM 0  
CL 4100







<<LAB 4876  
(-2336)(A+25)

CFS 90" >

<<CHER 4896  
(-2356)(A+25)

<<\*CHER 4928  
(-2988)(A+23)

<<B/PENN 4992  
(-2542)(A+23)

Total Gas (units)  
ROP (min/ft)

CFS 90" >

<<MISS 5038  
(-2498)(A+69)

CFS 90" >

CFS 90" >

Bit #: 3  
Size: 7.875  
Type: 4 1/2" API N  
In: 5056  
Out: 5110  
Drilled: 54  
Hours: 215  
Cond:

SH, black, carb, gas bubbles on surf.

MS-WS, crm, f-xln, chalky pcs, fossilif, oolitic, f-gr ooids, sandy/silty txt, dull mineral fluor, no odor, no cut  
Chert, white, gray

MS, crm to tan, f-xln, hard, barren, NS

SH, black, gray

+20 Unit Gas Kick

MS, crm, majority f-xln, dense, some soft.

SH, black, gray

+17 Unit Gas Kick

Vis 52  
Wt, 9.3  
LCM 2#  
CL 5000

MS, crm f-xln, hard dense, fossilif, some pcs mottled brown, tan and crm, few chalky pcs,  
Some SH, gray

SH, gray

MS, crm, f-xln, hard, rare oomoldic PS, crm, questionable dead stain

+18 Unit Gas Kick

MS, lt. gray to brn, f to m-xln, hard, barren

DST #1 4933-5056  
30-60-30-30  
WB 2 3/4"  
NBB  
NB  
NBB  
Rec 70' Mud  
IFP 19-35#  
ISIP 1323#  
FFP 38-50#  
FSIP 1100#  
BHT 110\*

MS-WS, crm to tan, f-xln, dense, fossilif, oolitic in part  
Chert, brown, white

MS, tan, to lt. brn, f-xln, firm fossilif, some chalky pcs,  
SH, green, gray  
CHert, brown

MS, lt. gray, to tan, dense, fossilif. A.A.

MS, crm to tan, f-xln, firm, earthy txt., some dense, rare bright fluor in tray (<5%), some cut when crushed, no odor, rare stain in dry, rare vuggy por.  
Chert, white

NO Gas Inc.

SH, sea green, mustard yellow, maroon

Chert, white, yellow, black, some edges weathered, rare bright fluor, no odor, no stain

SH, varicolored, silky

SS clusters, white, m-gr. sub rounded, well sorted, some poorly sorted, black specs, loose co-qtz gr.s, no odor, no flour, no cut, some partial stain on dry, Chert, A.A.

NO Gas Inc.

SH, varicolored, silty, some SS clusters, white, A.A.

VIS 52  
Wt 9.6  
LCM 2#  
Runnig premix after  
DST #1  
Pipe Strap 1.25' Short

Flood Chert, bone white, blocky, some weathered,  
MS-WS, crm to lt. tan, f-xln, suboolitic in part rare fossilif. rare bright fluor, some pcs cut, partial spotty stain. PP and some vuggy por

Dolo, tan to crm, vf to f-sucrosic txt, firm, dull mineral fluor.

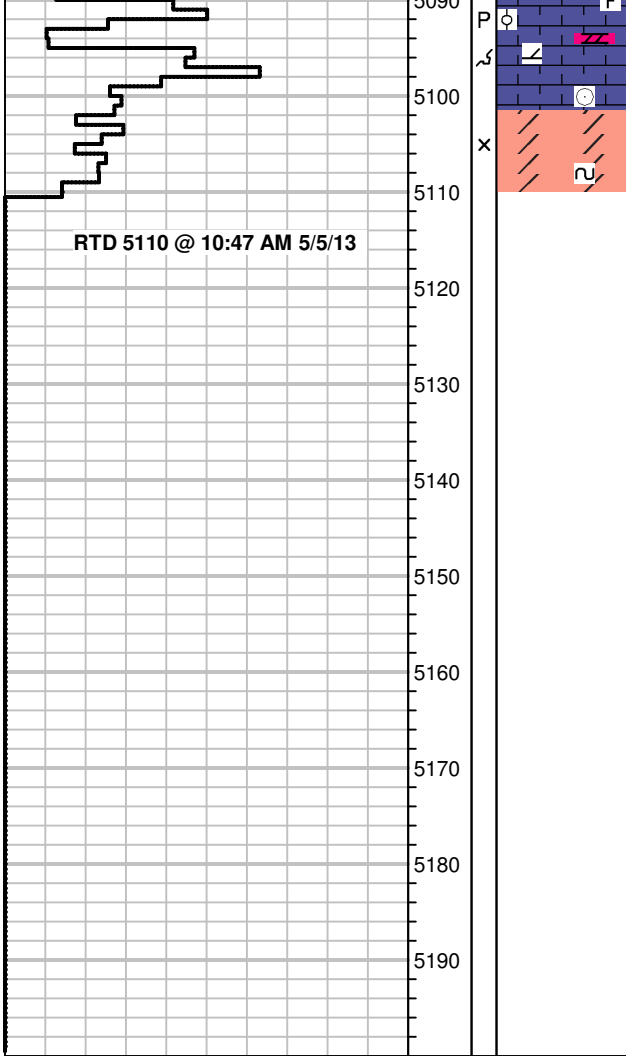
+11 Unit Gas kick

MS, crm to off white, f-xln sub-oolitic, rare bright fluor, 1 pc with stain in vugg, cut when crushed, faint odor in bag,

Dolo, brn, f-gr, sucrosic txt, firm, dull mineral fluor, no odor, NS

DST #2 5058-5074  
30-60-60-120  
SB BOB/11"  
NBB  
SB BOB/11"  
NBB  
Rec 100' MW (80m 20w)

MS, tan to crm, f-xln, hard, dense, dolomitic in part, some fossils.



some flour in tray, no odor, NS

Dolo, crm, tan, f-gr. sucrosic, glauc specks, firm, dull flour, no odor, NS

1050' W  
 IFP 35-245#  
 ISIP 1486#  
 FFP 260-510#  
 FSIP 1502#  
 BHT 125\*

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



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

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

August 23, 2013

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

Re: ACO1  
API 15-057-20888-00-00  
Durler 1-1  
NE/4 Sec.01-27S-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