KOLAR Document ID: 1657052

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
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: 200 W DOUGLAS AVE #725
Address 2:
City: WICHITA State: KS Zip: 67202 + 3023
Contact Person: M.L. Korphage
Phone: (316) 262-3573
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Brad Rine
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ WSW ☐ SWD
☐ Gas ☑ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

3/24/2022	4/3/2022	4/4/2022
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-057-21066-00-00
Spot Description:
SW - NW - SE - NW Sec. 4 Twp. 29 S. R. 23 ☐ East ☑ West
1654 Feet from ☑ North / ☐ South Line of Section
1518 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 #: 5-4
Field Name:
Producing Formation: D&A
Elevation: Ground: 2483 Kelly Bushing: 2495
Total Vertical Depth: 5280 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 612 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: 28800 ppm Fluid volume: 1335 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Elk Energy Holdings LLC
Lease Name: Karla SWD 2922 1-1 License #: 35420
Quarter SW Sec. 1 Twp. 29 S. R. 22 ☐ East ☑ West
County: Ford Permit #: D31368

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: 07/20/2022
☐ **Confidential Release Date:** 07/19/2024
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** David Befort **Date:** 07/21/2022

Operator Name: Vincent Oil Corporation Lease Name: SWONGER Well #: 5-4

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	
Samples Sent to Geological Survey	☑ Yes	☐ No	
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☑ Yes	☐ No	
Geologist Report / Mud Logs	☑ Yes	☐ No	

List All E. Logs Run:

Dual Induction
Density - Neutron

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

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	612	MDX & Common	250	0 to 4% Gel, 3% CC & 1/2# Flo-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	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection:	Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

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

DISPOSITION OF GAS:	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)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	SWONGER 5-4
Doc ID	1657052

Tops

Name	Top	Datum
Heebner Shale	4297	(-1802)
Brown Limestone	4433	(-1938)
Lansing-Kansas City	4442	(-1947)
Stark Shale	4792	(-2297)
Pawnee	5007	(-2512)
Cherokee Shale	5056	(-2561)
Base Penn Limestone	5156	(-2661)
Mississippian	5173	(-2678)
RTD	5280	(-2785)

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	SWONGER 5-4
Doc ID	1657052

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	612	MDX & Common	250	0 to 4% Gel, 3% CC & 1/2# Flo-seal/sx

QUALITY WELL SERVICE, INC.

7919

Federal Tax I.D. # 481187368
Home Office 30060 N. Hwy 281, Pratt, KS 67124
Mailing Address P.O. Box 468

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

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

Date 3-25-22	Sec. 4	Twp. 29S	Range 23W	County Ford	State KS	On Location	Finish

Lease SWONGER Well No. 5-4 Location

Contractor DUKE DRLG RIG #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. 614'	Charge To VINCENT OIL CORP
Csg. 8⅝	Depth 612	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	Shoe Joint 42.59	Cement Amount Ordered ~~150~~ 125 sx MDC 3%CC ½#/sk
Meas Line	Displace 36.44	~~150~~ 125 sx Common 2% GEL 3%CC ½#/sk

EQUIPMENT

Pumptrk 3	No.	Common	~~150~~ 125 sx
Bulktrk 12	No.	Poz Mix	~~100~~ ~~150~~ 125 sx
Bulktrk	No.	Gel.	~~500~~ 235 #
Pickup	No.	Calcium	~~400~~ 705 #
		Hulls	
		Salt	
		Flowseal	~~150~~ 125 #
		Kol-Seal	
		Mud CLR 48	
		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	~~250~~ 269
		Mileage	~~45 TONS~~ 60 / TON / MILE

JOB SERVICES & REMARKS

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Ran 14 JTS 8⅝ 23# CSG SET @ 612'

START CSG CSG ON BOTTOM

HOOK UP TO CSG : BREAK CIRC W/RIG

START PUMP H2O

START MIX. PUMP 125 SX MDC 3%CC ½#/SK

START MIX. PUMP 125 SX COMMON 2%GEL 3%CC ½#/SK

SHUT DOWN RELEASE PLUG WASH PUMP & LINES

START DISP

PLUG DOWN 36.5 BBL 520 #

CLOSE VALVE ON CSG

GOOD CIRC THRU JOB

CIRC CMT TO PIT

THANK YOU

PLEASE CALL AGAIN

TODD MIKE RICHARD

FLOAT EQUIPMENT

~~Guide Shoe~~	1 EA
Centralizer	1 EA 8⅝ BAFFLE PLATE
Baskets	1 EA 8⅝ WOOD PLUG
AFU Inserts	
Float Shoe	
Latch Down	
	SERVICE SUP 1 EA
	LMV 60
Pumptrk Charge	SURFACE
Mileage ~~45~~	120

Tax

Discount

Total Charge

X Signature

Taylor Printing, Inc.

Quality Well Service, Inc.

PO Box 468
Pratt, KS 67124

Invoice

Date	Invoice #
3/29/2022	C-2856

Bill To
Vincent Oil Corporation 200 W. Douglas, Ste. 725 Wichita, KS 67202

P.O. No.	Terms	Lease Name
		Swonger #5-4

Description	Qty	Rate	Amount
8 5/8 Baffle Plate	1	120.00	120.00T
8 5/8 Wooden Plug	1	120.00	120.00T
Head & Manifold	1	250.00	250.00T
Common	125	16.75	2,093.75
MDC	125	18.00	2,250.00
Gel	235	0.22	51.70
Calcium	705	1.20	846.00
Flo-Seal	125	3.70	462.50
SFC 501-1500'	1	1,000.00	1,000.00
Handling	269	2.10	564.90
.10 * sacks * miles	10,500	0.10	1,050.00
Service Supervisor	1	325.00	325.00
LMV	60	4.50	270.00
Heavy Equipment Mileage	180	9.50	1,710.00
Customer Discount		-5,001.24	-5,001.24
Discount Expires after30 days from the date of the invoice		0.00	0.00
Swonger #5-4 Ford Co.			

PLEASE REMIT TO ABOVE COMPANY & ADDRESS! Thank you for your business!

Subtotal	$6,112.61
Sales Tax (7.5%)	$20.21
Total	$6,132.82

QUALITY WELL SERVICE, INC.

7931

Federal Tax I.D. # 481187368
Home Office 30060 N. Hwy 281, Pratt, KS 67124
Mailing Address P.O. Box 468

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

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

	Sec.	Twp.	Range	County	State	On Location	Finish
Date 4-4-22	4	29S	23W	Ford	Ks		

Lease SWONGER Well No. 54 Location

Contractor Duke Drlg Rig #1 Owner

Type Job PTA

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

Hole Size	7 7/8	T.D.	
Csg.		Depth	
Tbg. Size	4½ DP	Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Meas Line		Displace	

Charge To Vincent Oil Corp

Street

City State

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

Cement Amount Ordered 170 sx 60/40 4% Gel ¼# PS

EQUIPMENT

Pumptrk 8	No.		
Bulktrk 15	No.		
Bulktrk	No.		
Pickup	No.		

Common	102 sx
Poz. Mix	68 sx
Gel.	535 #
Calcium	
Hulls	
Salt	
Flowseal	43 #
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	176
Mileage	60 / D 560

JOB SERVICES & REMARKS

Rat Hole 30 sx 60/40 4% Gel ¼# PS

Mouse Hole 20 sx 60/40 4% Gel ¼# PS

Centralizers

Baskets

D/V or Port Collar

1st Plug @ 1500'

Pump H2O

Mix Pump 50 sx 60/40 4% Gel ¼# PS

Pump H2O

Disp mud

2nd Plug @ 660'

Pump H2O

Mix Pump 50 sx 60/40 4% Gel ¼# PS

Disp H2O

3rd Plug @ 60'

Thank You

Please Call Again

Tom Mike Nathan

X Signature

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
	Service Sup 1 EA
	LMV 60
Pumptrk Charge	PTA
Mileage	120
Tax	
Discount	
Total Charge	

Taylor Printing, Inc.

Quality Well Service, Inc.

PO Box 468
Pratt, KS 67124

Date	Invoice #
4/6/2022	C-2866

Bill To

Vincent Oil Corporation
200 W. Douglas, Ste. 725
Wichita, KS 67202

P.O. No.	Terms	Lease Name
		Swonger 5-4

Description	Qty	Rate	Amount
Common	102	16.75	1,708.50T
Poz	68	9.50	646.00T
Gel	585	0.22	128.70T
Flo-Seal	43	3.70	159.10T
Plug/Pump Charge	1	1,100.00	1,100.00T
Handling	176	2.10	369.60T
.10 * sacks * miles	10,560	0.10	1,056.00T
Service Supervisor	1	325.00	325.00T
LMV	60	4.50	270.00T
Heavy Equipment Mileage	120	9.50	1,140.00T
Customer Discount		-1,725.73	-1,725.73
Discount Expires after30 days from the date of the invoice		0.00	0.00
Swonger 5-4 Ford Co.			

PLEASE REMIT TO ABOVE COMPANY & ADDRESS! Thank you for your business!

Subtotal $5,177.17

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725

ATTN: Brad Rine

04-29S-23W Ford Ks

Swonger 5-4

Job Ticket: 67624 **DST#: 1**

Test Start: 2022.03.31 @ 18:04:23

GENERAL INFORMATION:

Formation: **Marmoton, Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:49:53
Time Test Ended: 03:34:12

Test Type: Conventional Bottom Hole (Initial)
Tester: Eric Burgess
Unit No: 80

Interval: 4985.00 ft (KB) To 5020.00 ft (KB) (TVD)
Total Depth: 5020.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

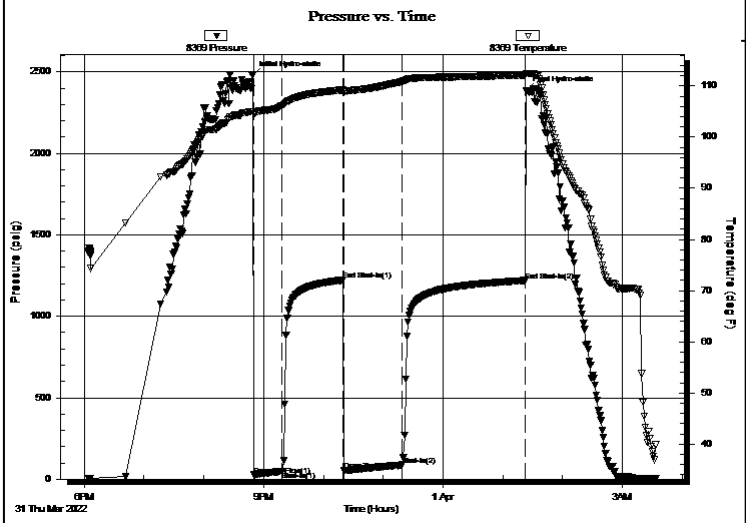
Reference Elevations: 2505.00 ft (KB)
2483.00 ft (CF)
KB to GR/CF: 22.00 ft

Serial #: 8369 **Outside**

Press@RunDepth: 87.70 psig @ 4987.00 ft (KB)
Start Date: 2022.03.31 End Date: 2022.04.01
Start Time: 18:04:24 End Time: 03:34:12

Capacity: 8000.00 psig
Last Calib.: 2022.04.01
Time On Btm: 2022.03.31 @ 20:48:43
Time Off Btm: 2022.04.01 @ 01:24:02

TEST COMMENT: IF:Weak Building Blow built 3.78" (30)
ISI:No Blow Back (60)
FF: Weak Building blow built to 4.22" (60)
FSI:No Blow Back (120)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2476.52	104.98	Initial Hydro-static
2	25.86	104.52	Open To Flow (1)
30	48.49	106.12	Shut-In(1)
91	1222.53	109.23	End Shut-In(1)
93	52.73	109.00	Open To Flow (2)
151	87.70	110.86	Shut-In(2)
275	1219.69	112.11	End Shut-In(2)
276	2383.11	112.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MCW 15%M 85%W	0.88
63.00	WCM 50%W 50%M	0.88
63.00	OSWCM 25%W 75%M	0.88

Gas Rates

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

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725

ATTN: Brad Rine

04-29S-23W Ford Ks

Swonger 5-4

Job Ticket: 67624 **DST#: 1**

Test Start: 2022.03.31 @ 18:04:23

GENERAL INFORMATION:

Formation: **Marmoton, Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:49:53
Time Test Ended: 03:34:12

Test Type: Conventional Bottom Hole (Initial)
Tester: Eric Burgess
Unit No: 80

Interval: 4985.00 ft (KB) To 5020.00 ft (KB) (TVD)
Total Depth: 5020.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

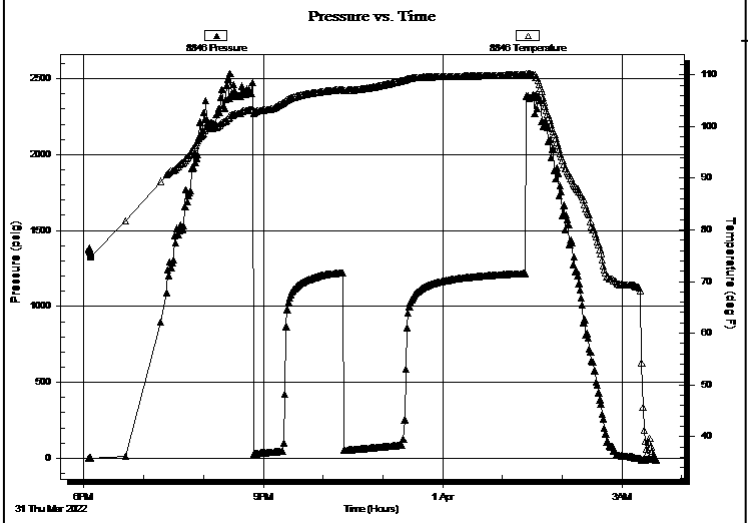
Reference Elevations: 2505.00 ft (KB)
2483.00 ft (CF)
KB to GR/CF: 22.00 ft

Serial #: 8846 **Inside**

Press@RunDepth: psig @ 4987.00 ft (KB)
Start Date: 2022.03.31 End Date: 2022.04.01
Start Time: 18:04:42 End Time: 03:34:30

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: IF:Weak Building Blow built 3.78" (30)
ISI:No Blow Back (60)
FF: Weak Building blow built to 4.22" (60)
FSI:No Blow Back (120)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MCW 15%M 85%W	0.88
63.00	WCM 50%W 50%M	0.88
63.00	OSWCM 25%W 75%M	0.88

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

200 W Douglas Ave #725

ATTN: Brad Rine

04-29S-23W Ford Ks

Swonger 5-4

Job Ticket: 67624 **DST#: 1**

Test Start: 2022.03.31 @ 18:04:23

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:	9000 ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7100.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	MCW 15%M 85%W	0.884
63.00	WCM 50%W 50%M	0.884
63.00	OSWCM 25%W 75%M	0.884

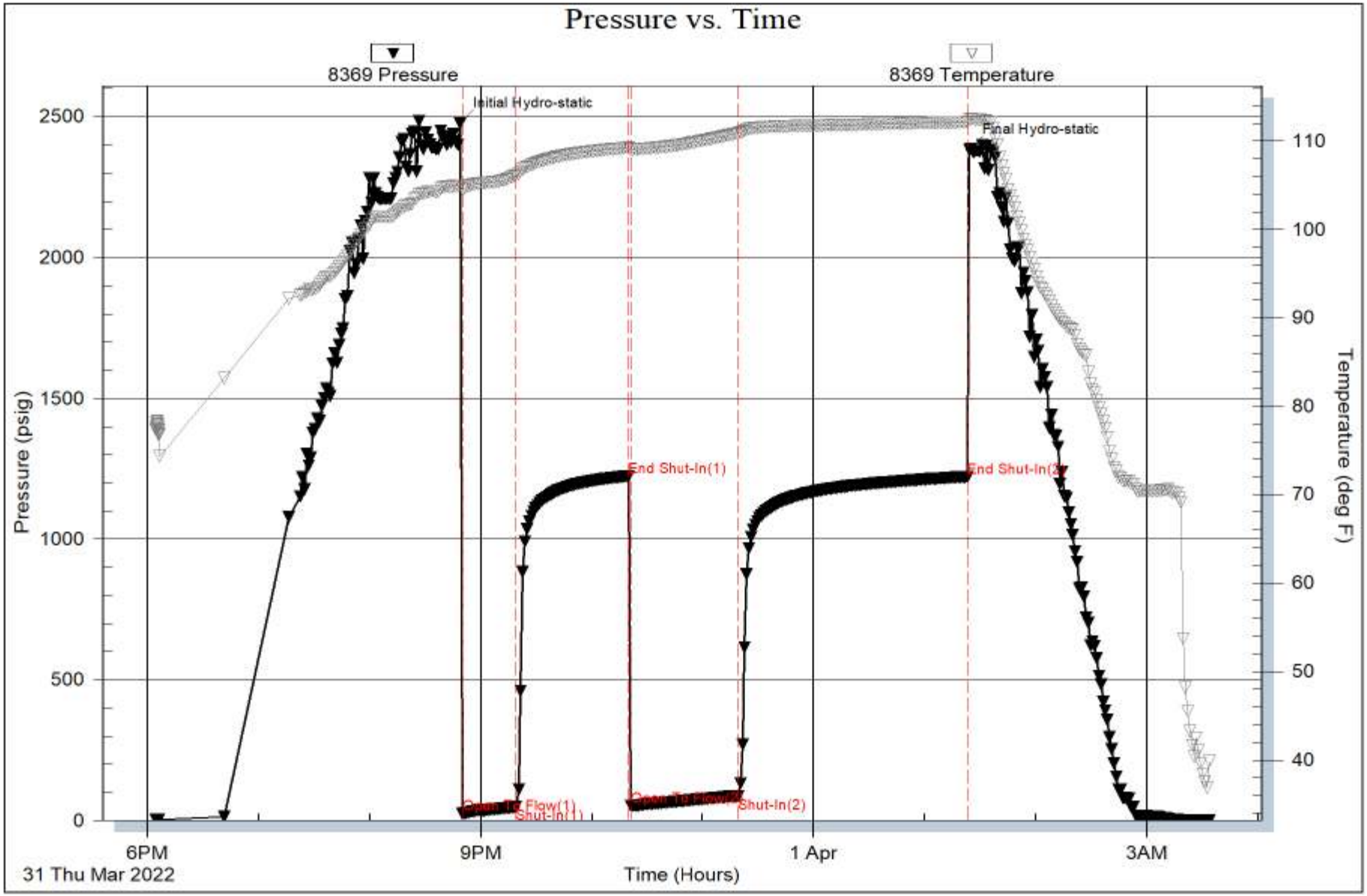
Total Length: 189.00 ft Total Volume: 2.652 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

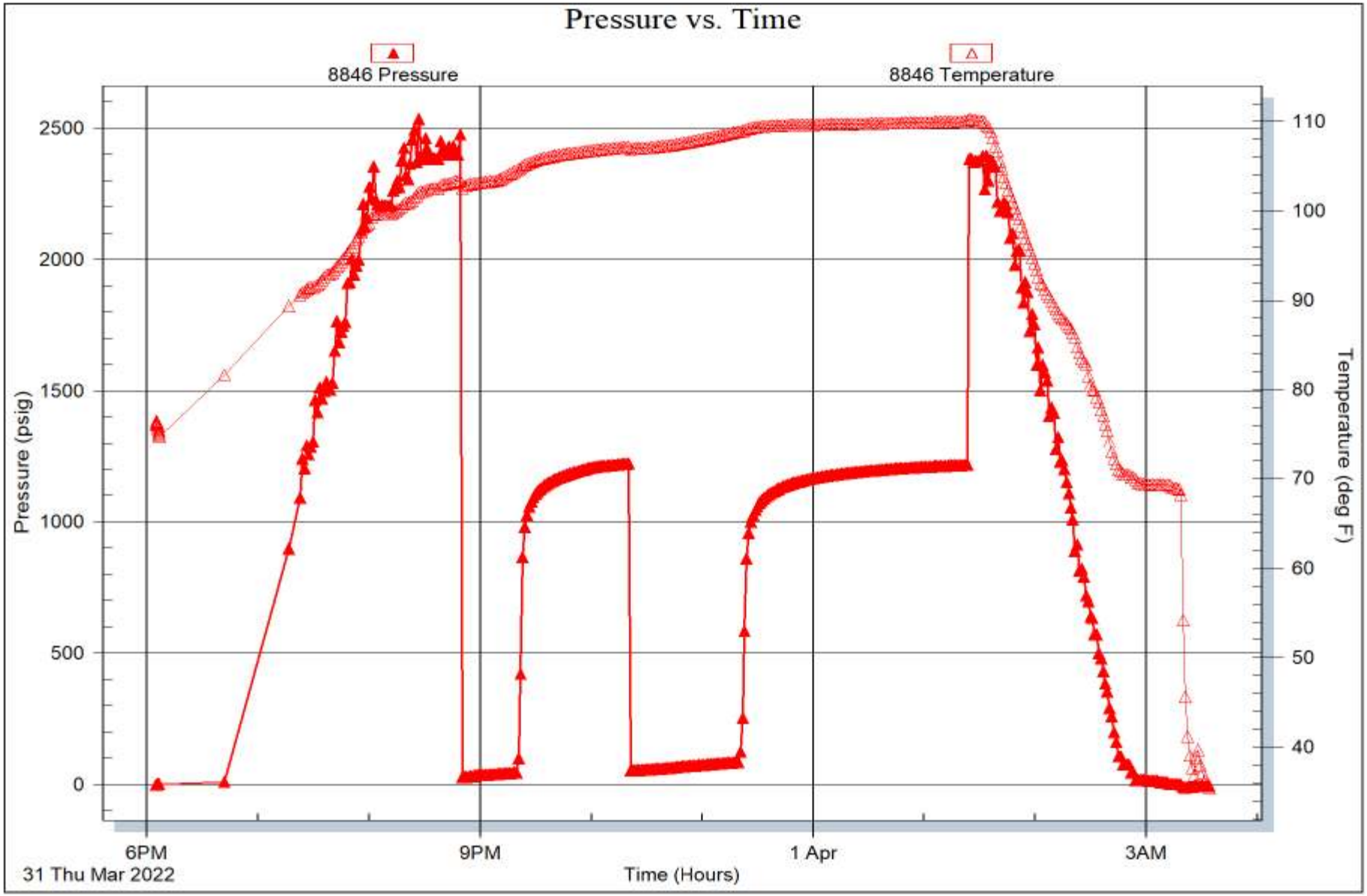
Recovery Comments:

Serial #: 8369 **Outside** Vincent Oil Corporation Sw onger 5-4 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 67624 Printed: 2022.04.01 @ 06:42:27

Serial #: 8846 **Inside** Vincent Oil Corporation Sw onger 5-4 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 67624 Printed: 2022.04.01 @ 06:42:27

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725

ATTN: Brad Rine

04-29S-23W Ford Ks

Swonger 5-4

Job Ticket: 67625 **DST#: 2**

Test Start: 2022.04.02 @ 07:11:46

GENERAL INFORMATION:

Formation: **B/Pennlime, Mississi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:44:26
Time Test Ended: 17:01:46

Test Type: Conventional Bottom Hole (Reset)
Tester: Eric Burgess
Unit No: 80

Interval: 5099.00 ft (KB) To 5227.00 ft (KB) (TVD)
Total Depth: 5227.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

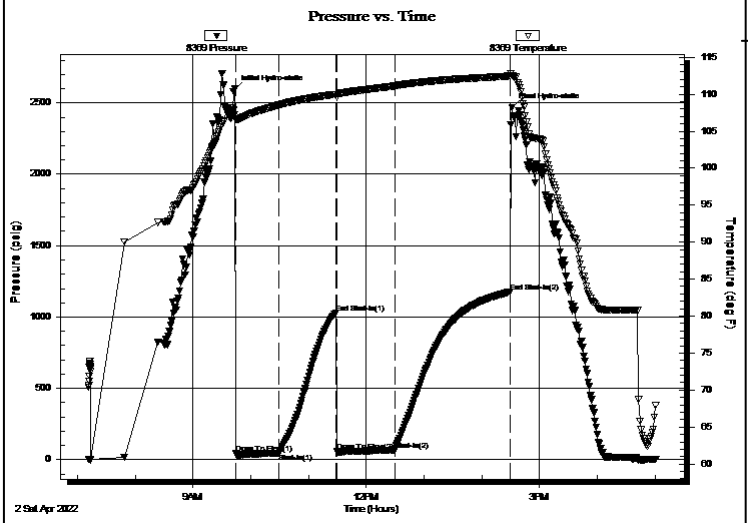
Reference Elevations: 2505.00 ft (KB)
2483.00 ft (CF)
KB to GR/CF: 22.00 ft

Serial #: 8369

Press@RunDepth: 68.72 psig @ ft (KB)
Start Date: 2022.04.02 End Date: 2022.04.02
Start Time: 07:11:47 End Time: 17:01:46

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2022.04.02 @ 09:43:16
Time Off Btm: 2022.04.02 @ 14:31:25

TEST COMMENT: IF:Fair Building Blow built 20.52" (45)
ISI:No Blow Back (60)
FF:Strong Building Blow built 91.29" (60)
FSI:No Blow Back (120)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2596.36	107.21	Initial Hydro-static
2	43.96	106.57	Open To Flow (1)
46	46.82	108.52	Shut-In(1)
105	1029.92	109.96	End Shut-In(1)
107	59.39	109.62	Open To Flow (2)
167	68.72	111.11	Shut-In(2)
286	1175.05	112.44	End Shut-In(2)
289	2468.17	112.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1764' GIP	0.00
31.00	OSM 100%M	0.43
63.00	OSM 100%M	0.88

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725

ATTN: Brad Rine

04-29S-23W Ford Ks

Swonger 5-4

Job Ticket: 67625 **DST#: 2**

Test Start: 2022.04.02 @ 07:11:46

GENERAL INFORMATION:

Formation: **B/Pennlime, Mississi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:44:26
Time Test Ended: 17:01:46

Test Type: Conventional Bottom Hole (Reset)
Tester: Eric Burgess
Unit No: 80

Interval: 5099.00 ft (KB) To 5227.00 ft (KB) (TVD)
Total Depth: 5227.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

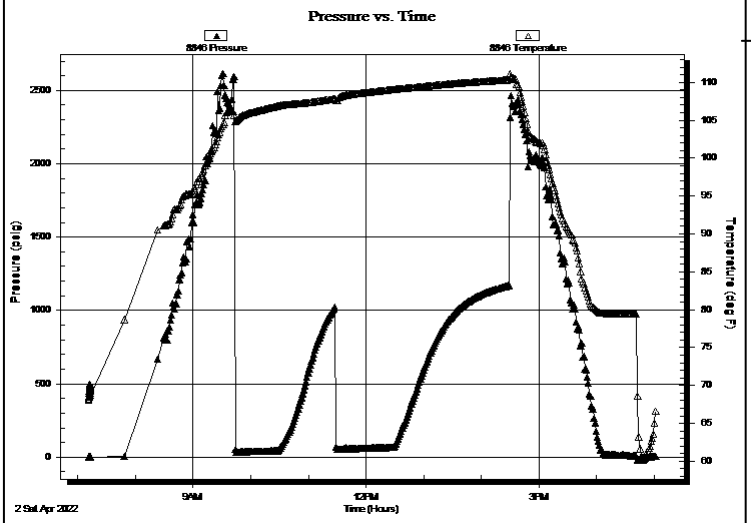
Reference Elevations: 2505.00 ft (KB)
2483.00 ft (CF)
KB to GR/CF: 22.00 ft

Serial #: 8846

Press@RunDepth: psig @ ft (KB)
Start Date: 2022.04.02 End Date: 2022.04.02
Start Time: 07:11:17 End Time: 17:01:46

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: IF:Fair Building Blow built 20.52" (45)
ISI:No Blow Back (60)
FF:Strong Building Blow built 91.29" (60)
FSI:No Blow Back (120)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1764' GIP	0.00
31.00	OSM 100%M	0.43
63.00	OSM 100%M	0.88

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

200 W Douglas Ave #725

ATTN: Brad Rine

04-29S-23W Ford Ks

Swonger 5-4

Job Ticket: 67625 **DST#: 2**

Test Start: 2022.04.02 @ 07:11:46

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:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	9200.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1764' GIP	0.000
31.00	OSM 100%M	0.435
63.00	OSM 100%M	0.884

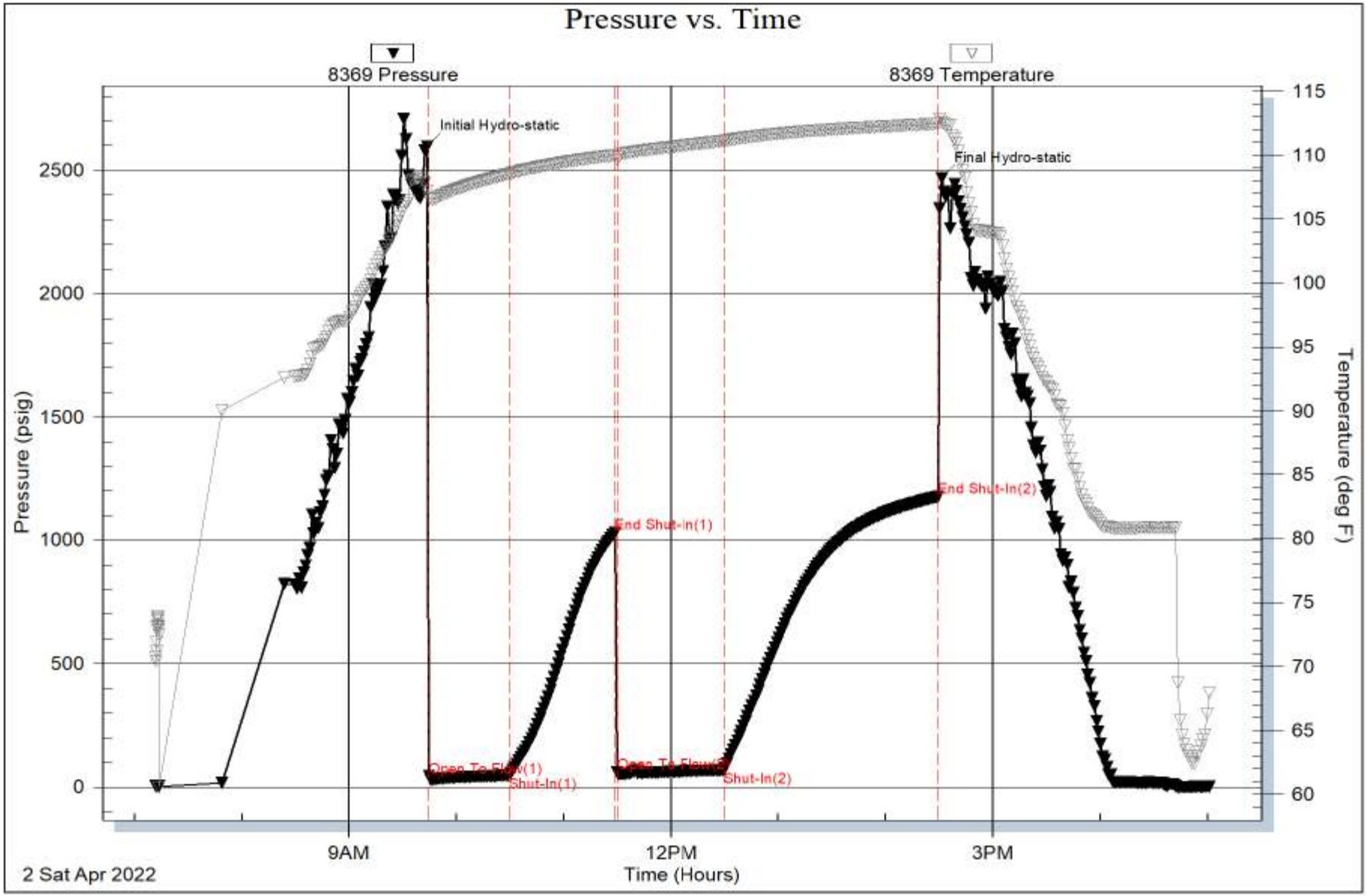
Total Length: 94.00 ft Total Volume: 1.319 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

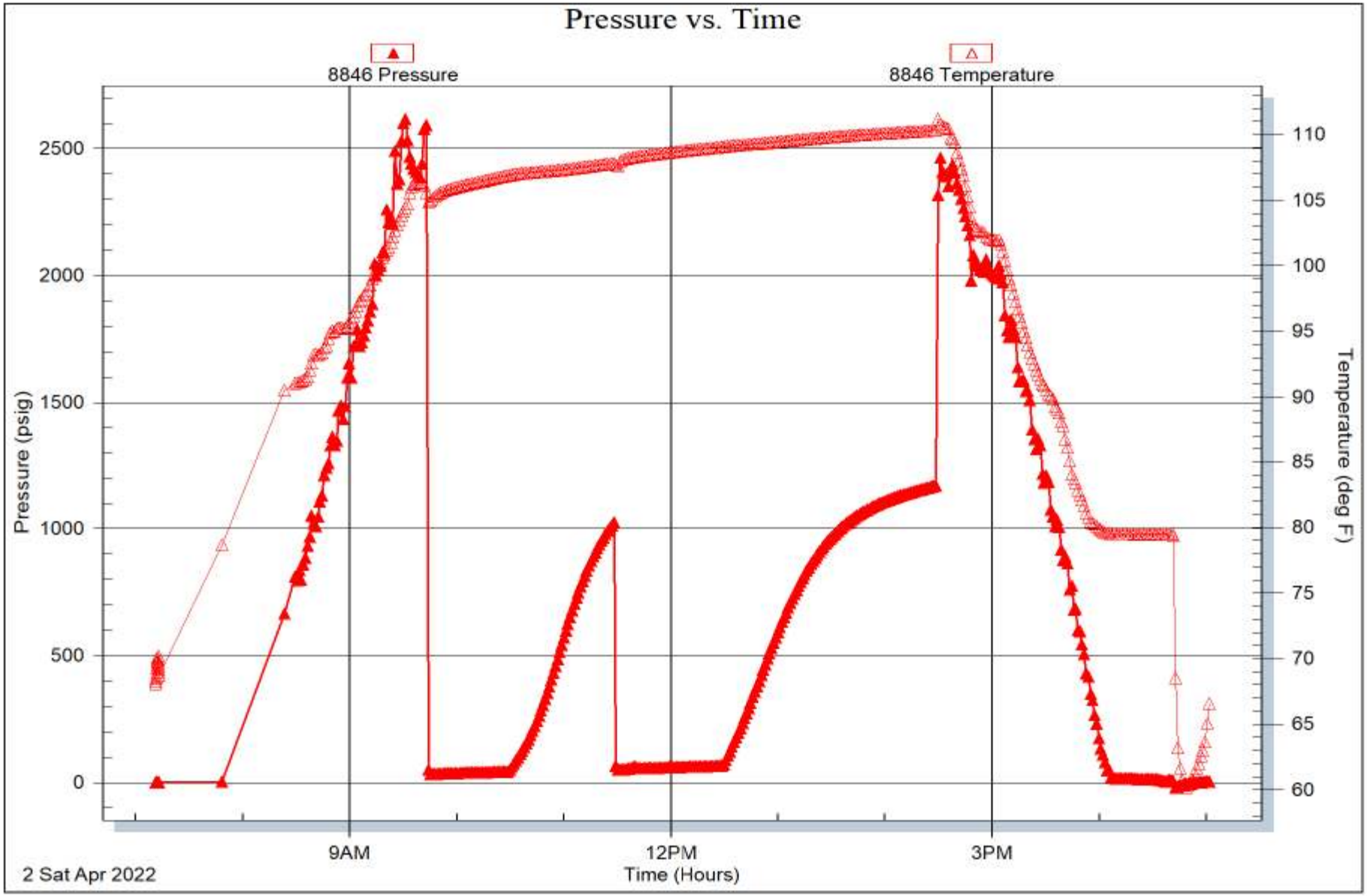
Recovery Comments:

Serial #: 8369 | Vincent Oil Corporation | Sw onger 5-4 | DST Test Number: 2



Trilobite Testing, Inc | Ref. No: 67625 | Printed: 2022.04.02 @ 18:19:55

Serial #: 8846 | Vincent Oil Corporation | Sw onger 5-4 | DST Test Number: 2



Trilobite Testing, Inc | Ref. No: 67625 | Printed: 2022.04.02 @ 18:19:55

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725

ATTN: Brad Rine

04-29S-23W Ford Ks

Swonger 5-4

Job Ticket: 68926 **DST#: 3**

Test Start: 2022.04.03 @ 00:47:51

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:01:41
Time Test Ended: 08:07:21

Test Type: Conventional Bottom Hole (Reset)
Tester: Eric Burgess
Unit No: 80

Interval: 5233.00 ft (KB) To 5241.00 ft (KB) (TVD)
Total Depth: 5241.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

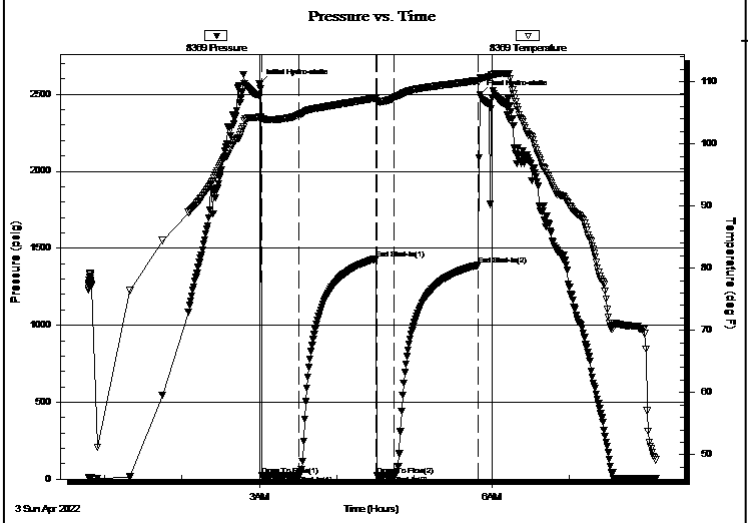
Reference Elevations: 2505.00 ft (KB)
2483.00 ft (CF)
KB to GR/CF: 22.00 ft

Serial #: 8369 **Outside**

Press@RunDepth: 24.64 psig @ 5234.00 ft (KB)
Start Date: 2022.04.03 End Date: 2022.04.03
Start Time: 00:47:52 End Time: 08:07:21

Capacity: 8000.00 psig
Last Calib.: 2022.04.03
Time On Btm: 2022.04.03 @ 03:00:01
Time Off Btm: 2022.04.03 @ 05:50:51

TEST COMMENT: IF:Weak Surface Blow built .34" (30)
ISI:No Blow Back (60)
FF:Dead Attempted to flush did not help shutting in for one hour. (15)
FSI:No Blow Back (60)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2566.13	104.27	Initial Hydro-static
2	22.33	104.07	Open To Flow (1)
31	24.86	104.64	Shut-In(1)
90	1430.84	107.34	End Shut-In(1)
91	25.32	106.94	Open To Flow (2)
105	24.64	107.50	Shut-In(2)
170	1390.88	110.17	End Shut-In(2)
171	2498.78	110.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100%M	0.07

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725

ATTN: Brad Rine

04-29S-23W Ford Ks

Swonger 5-4

Job Ticket: 68926 **DST#: 3**

Test Start: 2022.04.03 @ 00:47:51

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:01:41
Time Test Ended: 08:07:21

Test Type: Conventional Bottom Hole (Reset)
Tester: Eric Burgess
Unit No: 80

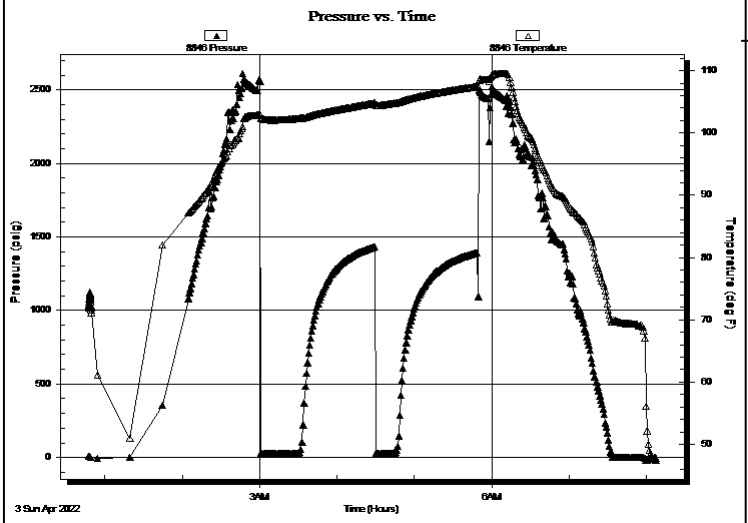
Interval: 5233.00 ft (KB) To 5241.00 ft (KB) (TVD)
Total Depth: 5241.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2505.00 ft (KB)
2483.00 ft (CF)
KB to GR/CF: 22.00 ft

Serial #: 8846 **Inside**
Press@RunDepth: psig @ 5234.00 ft (KB)
Start Date: 2022.04.03 End Date: 2022.04.03
Start Time: 00:47:23 End Time: 08:07:12

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: IF:Weak Surface Blow built .34" (30)
ISI:No Blow Back (60)
FF:Dead Attempted to flush did not help shutting in for one hour. (15)
FSI:No Blow Back (60)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100%M	0.07

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

200 W Douglas Ave #725

ATTN: Brad Rine

04-29S-23W Ford Ks

Swonger 5-4

Job Ticket: 68926 **DST#: 3**

Test Start: 2022.04.03 @ 00:47:51

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:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	9200.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100%M	0.070

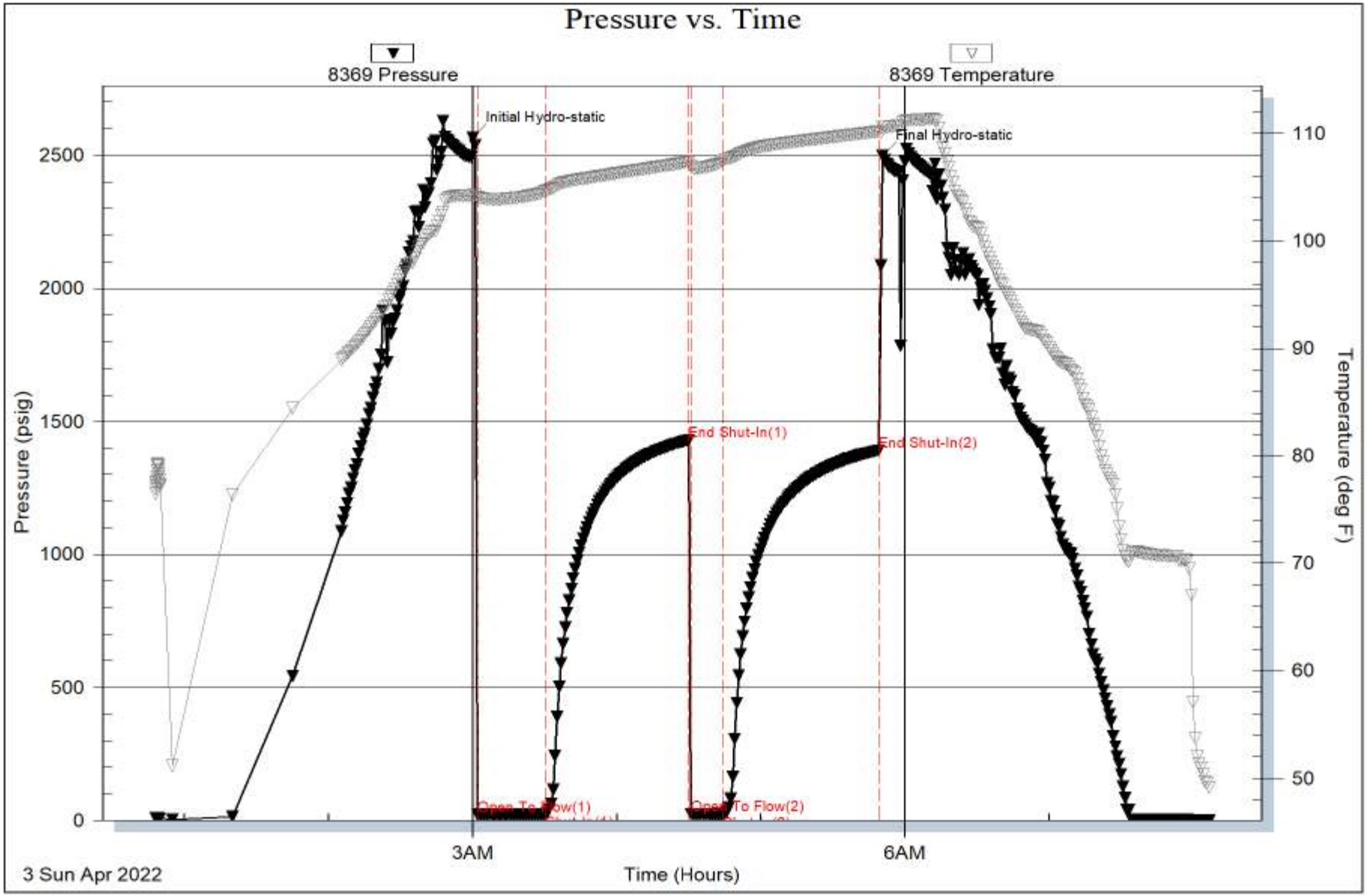
Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

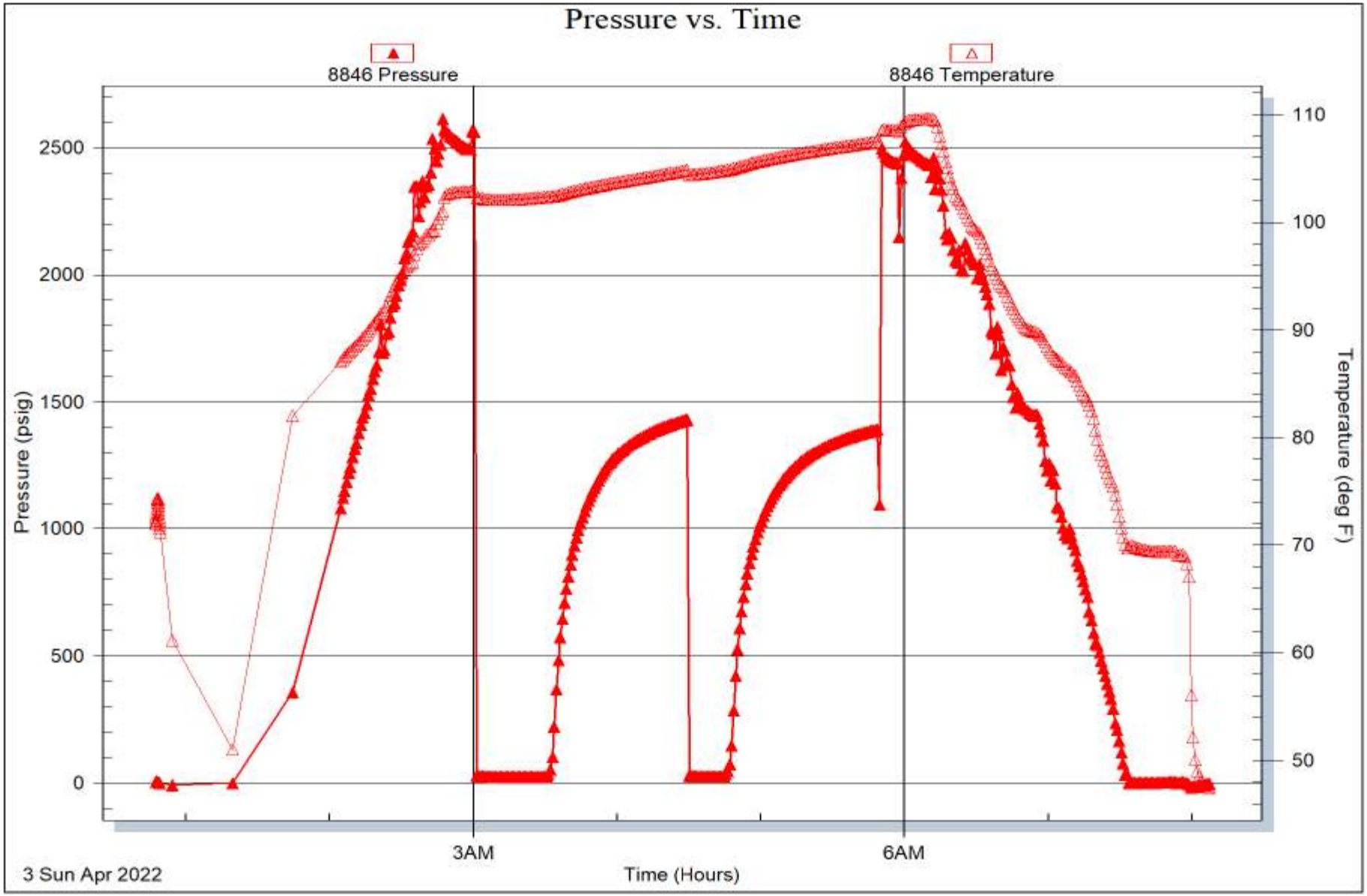
Recovery Comments:

Serial #: 8369 **Outside** Vincent Oil Corporation Sw onger 5-4 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 68926 Printed: 2022.04.03 @ 13:10:10

Serial #: 8846 **Inside** Vincent Oil Corporation Sw onger 5-4 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 68926 Printed: 2022.04.03 @ 13:10:11

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

Well Name:	**Swonger #5-4 - Vincent Oil Corporation**
API:	**15-057-21066-00-00**
Location:	**SW-NW-SE-NW, Section 04-29S-23W**
License Number:	**KCC #5004**
Region:	**Ford County, Kansas**
Spud Date:	**March 24, 2022**
Drilling Completed:	**April 04, 2022**
Surface Coordinates:	**1654' FNL & 1518' FWL, Of Section**
Field:	**Mulberry Creek**
Bottom Hole Coordinates:	**Vertical Borehole**
Results:	**P&A**
Ground Elevation (ft):	**2483 Ft.**
K.B. Elevation (ft):	**2495 Ft.**
Logged Interval (ft):	**4200 Ft. To: 5280 Ft.**
Total Depth (ft):	**RTD 5280 Ft. LTD 5278 Ft.**
Formation:	**Mississippian at Total Depth**
Type of Drilling Fluid:	**Chemical**

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Vincent Oil Corporation
Address: 200 West Douglas Ave, Suite 725
Wichita, Kansas 67202

GEOLOGIST

Name: Brad Rine
Company: Consulting Geologist, Ks Lic #204, AAPG Cert #2647
Address: 100 South Main, Suite #320A
Wichita, Kansas 67202

Remarks

Based on sample observations, drill stem test results, and electric log evaluation, it was the decision of the operator to plug and abandon the "Swonger #5-4", on April 04, 2022.

Respectfully,
M. Bradford Rine, geologist

Drilling Information

Rig: Duke Drilling, Rig #1
Pump: Ideco MM550 6 x 15
Drawworks: Ideco H35
Collars: 464' 2-1/4" x 6-1/4"
Drillpipe: 4-1/2" 16.6# XH
Toolpusher: Mike Godfrey

Mud: Mudco (Justin Whiting)
Gas Detector: Bluestem Labs (unmanned)
Drill Stem Tests: Trilobite (Eric Burgess)
Logs: ELI (Jeff Luebbers, Cole Robben)
Water: Well by Swonger 1-4 (NS Waterline)
Conductor: None

Company Representatives:
Office: Tom Dudgeon
Field: None

Daily Drilling Status

Date:	Operations:
03-24-22	MIRT, RU, Spud @ 0'
03-25-22	Prepare to Run Surface Casing @ 614'
03-26-22	Drilling @ 1328'
03-27-22	Drilling @ 2630'
03-28-22	Drilling @ 3330'
03-29-22	Drilling @ 4003'
03-30-22	Drilling @ 4633'
03-31-22	Circulating for Samples @ 5000'
04-01-22	Drilling @ 5030'
04-02-22	Trip for DST #2 @ 5227'
04-03-22	Trip Out of Hole with DST #3 @ 5241'
04-04-22	Lay Down Drill Pipe, Prepare to P&A @ 5280'

Casing Record, Bit Record, Deviation Surveys

Conductor: None

Surface: Ran 14 jts 8-5/8" 23# new casing. Set at 612'. (Quality) Cement with 125sx Common, 4% gel, 3%CC, 1/2# Flo-seal/sk. Plug down at 9:15 AM, March 25, 2022. Cement did circulate.

Production: P&A (Quality) Cement as follows: 170 sx Total: 60/40 POZ, 4% gel. Plugs as follows: (1) 50 sx at 1500', (2) 50 sx at 650' and (3) 20 sx at 60' to surface. 30 sx in rat hole, 20 sc in mousehole. Plug down at 12:00 PM, April 04, 2022.

Bits:

No.	Size	Make	Model	Depth In	Depth Out	Hours
1	12-1/4	Logic	PLT519	0	614	7.75
2	7-7/8	Linco	BD52C	614	5280	128.25

Deviation Surveys:

Survey	Depth	Survey	Depth
1.00*	614'	1.00*	5027'
1.00*	2620'	0.75*	5120'
0.75*	5020'	1.00*	5280'

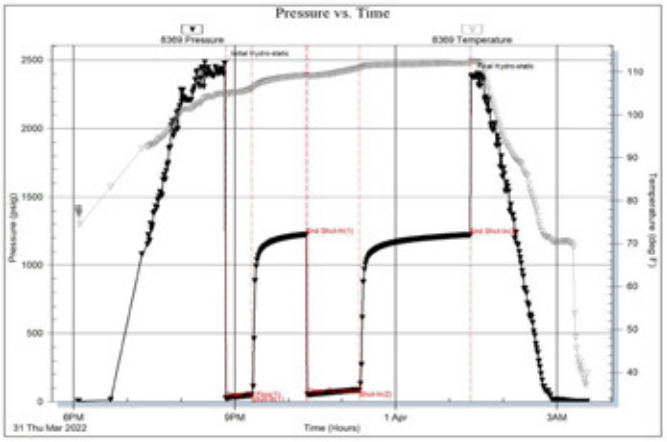
Displace and Mudup:
3782 ft

PIPE STRAPS:

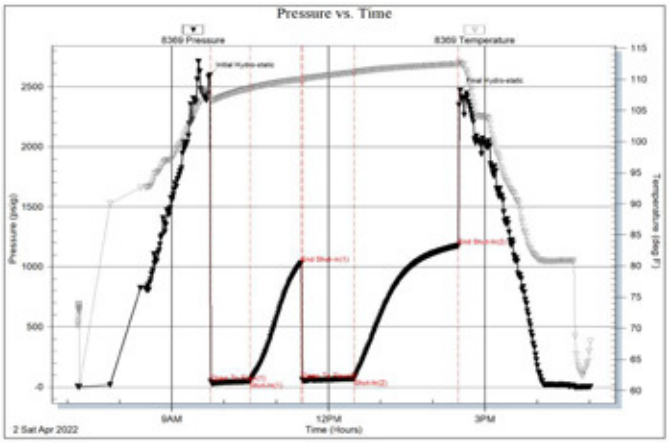
Difference:	Depth:
1.79' Short	5020'

	Results:	P&A		(Well A)	Oil	(Well B)	Oil		
	Vincent Oil Corporation			Vincent Oil Corp		Vincent Oil Corp			
	Swonger #5-4			Swonger #1-4		Swonger # 4-4			
	1654'FNL & 1518'FWL			350'FNL & 1255'FEL		330'FNL & 1930'FWL			
	Sec. 04-29S-23W			Sec. 04-29S-23W		Sec. 04-29S-23W			
	KB	2495		KB	2556	KB	2492	Well A	Well B
Formations	Sample	E-Log	Datum	E-Log	Datum	E-Log	Datum	Comparison(s)	
Anhydrite	NC	1460	1035	1527	1029	1462	1030	6	5
B/Anhydrite	NC	1511	984	1575	981	1511	981	3	3
Heebner Sh.	4299	4297	-1802	4360	-1804	4300	-1808	2	6
Toronto	4316	4313	-1818	4376	-1820	4315	-1823	2	5
Brown Lime	4434	4433	-1938	4495	-1939	4435	-1943	1	5
Lansing	4446	4442	-1947	4505	-1949	4440	-1948	2	1
Muncie Creek Sh.	4637	4635	-2140	4697	-2141	4638	-2146	1	6
Stark Sh.	4789	4792	-2297	4844	-2288	4789	-2297	-9	0
Hushpuckney Sh.	4834	4832	-2337	4878	-2322	4829	-2337	-15	0
B/Kansas City	4918	4913	-2418	4967	-2411	4909	-2417	-7	-1
Marmaton	4932	4929	-2434	4988	-2432	4926	-2434	-2	0
Pawnee	5004	5007	-2512	5057	-2501	5005	-2513	-11	1
Labette Sh.	5034	5033	-2538	5081	-2525	5031	-2539	-13	1
Cherokee Sh.	5060	5056	-2561	5102	-2546	5053	-2561	-15	0
B/Penn. Lime	5160	5156	-2661	5210	-2654	5151	-2659	-7	-2
Mississippi	5176	5173	-2678	5235	-2679	5176	-2684	1	6
Total Depth	5280	5278	-2783	5438	-2882	5222	-2730	99	-53

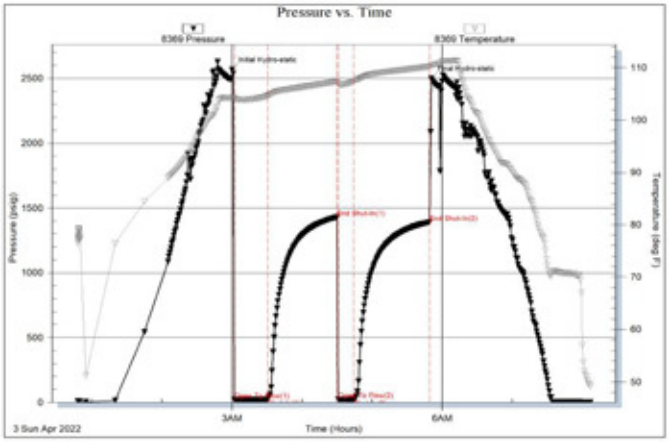
DST #1: 4985-5020 (Marm, Paw)
Times: 30-60-60-120
Initial Open: Wk Blow, built to 3.78"
Final Open: Wk Blow, built to 4.22"
Rec: 189' Total Fluid
63' WCM/SSO: 25%w 75%m
63' WCM: 50%w 50%m
63' MCW: 85%w 15%m
(Chl/wtr: 9000 ppm, Chl/mud 7100 ppm)
IHP: 2477 FHP: 2383
IFP: 26-48 FFP: 53-88
ISIP: 1222 FSIP: 1220
BHT: 112*F



DST #2: 5099-5227 (B/Penn Lm, Miss.)
Times: 45-60-60-120
Initial Open: Stg Blow, built to 20.5" in H2O, No Return Blow
Final Open: Stg Blow, built to 91.2" in H2O, No Return Blow
Rec: 94' Total Fluid & 1764' gas in pipe
31' OSM: 100% mud with sli show of oil
63' OSM: 100% mud with sli show of oil
IHP: 2596 FHP: 2468
IFP: 44-47 FFP: 59-69
ISIP: 1030 FSIP: 1175
BHT: 112*F



DST #3: 5233-5241 (Mississippi)
Times: 30-60-15-60
Initial Open: Wk Blow, built to 0.34"
Final Open: No Blow, flush tool, No help
Rec: 5' mud
IHP: 2566 FHP: 2499
IFP: 22-25 FFP: 25-25
ISIP: 1431 FSIP: 1391
BHT: 110*F



ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal/black shale
- Congl
- dol ls limey
- Dolom ls limey
- Dol
- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale
- Shcol
- Shgy
- Sltst
- Ss
- Till
- Sltysh
- Shlysiltst
- Sltysh

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
- Shale
- 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

- Oil & gas show

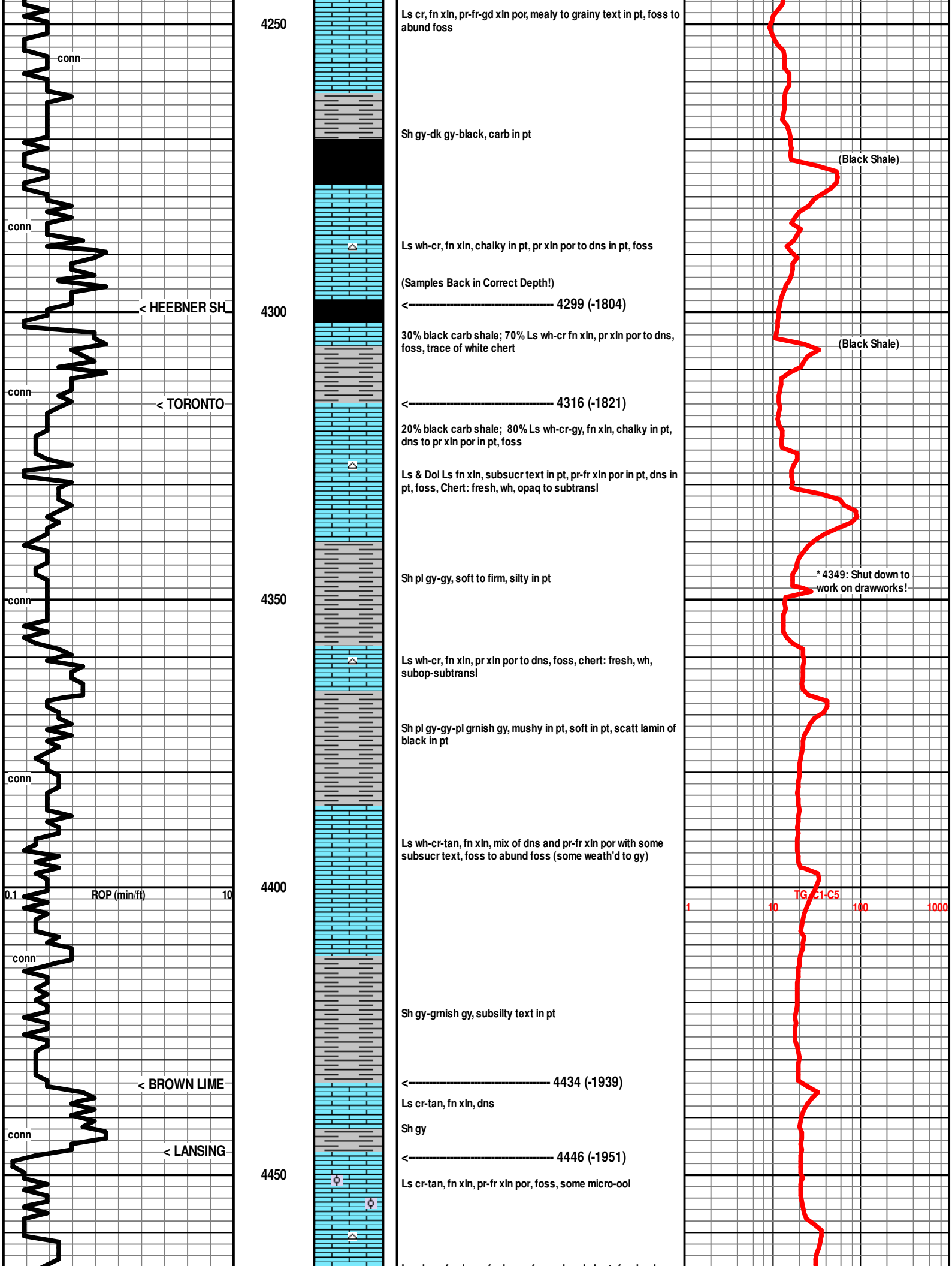
INTERVAL

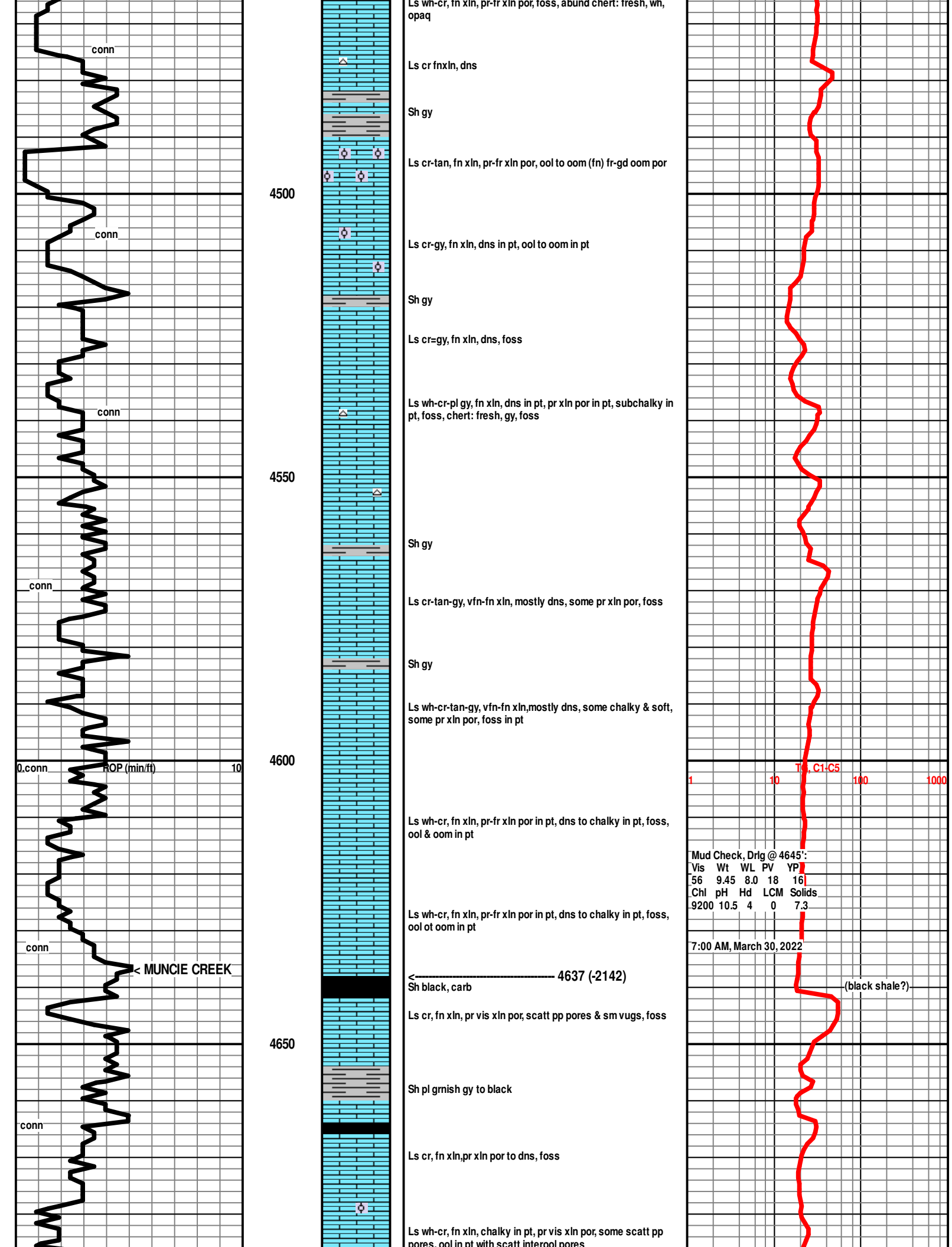
- Core
- Gas show
- Even
- Spotted
- Ques/trace
- Dead
- Dst

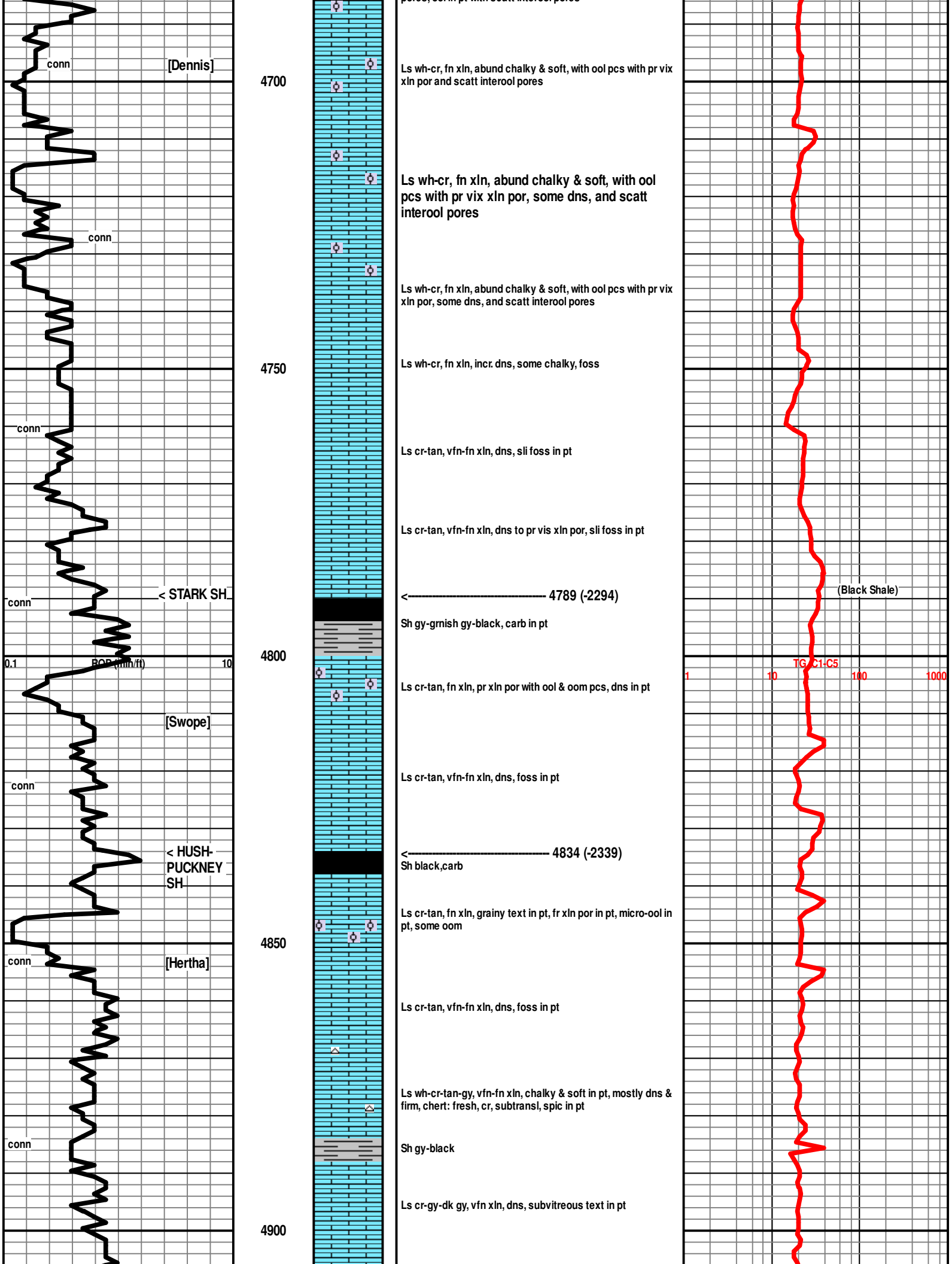
EVENT

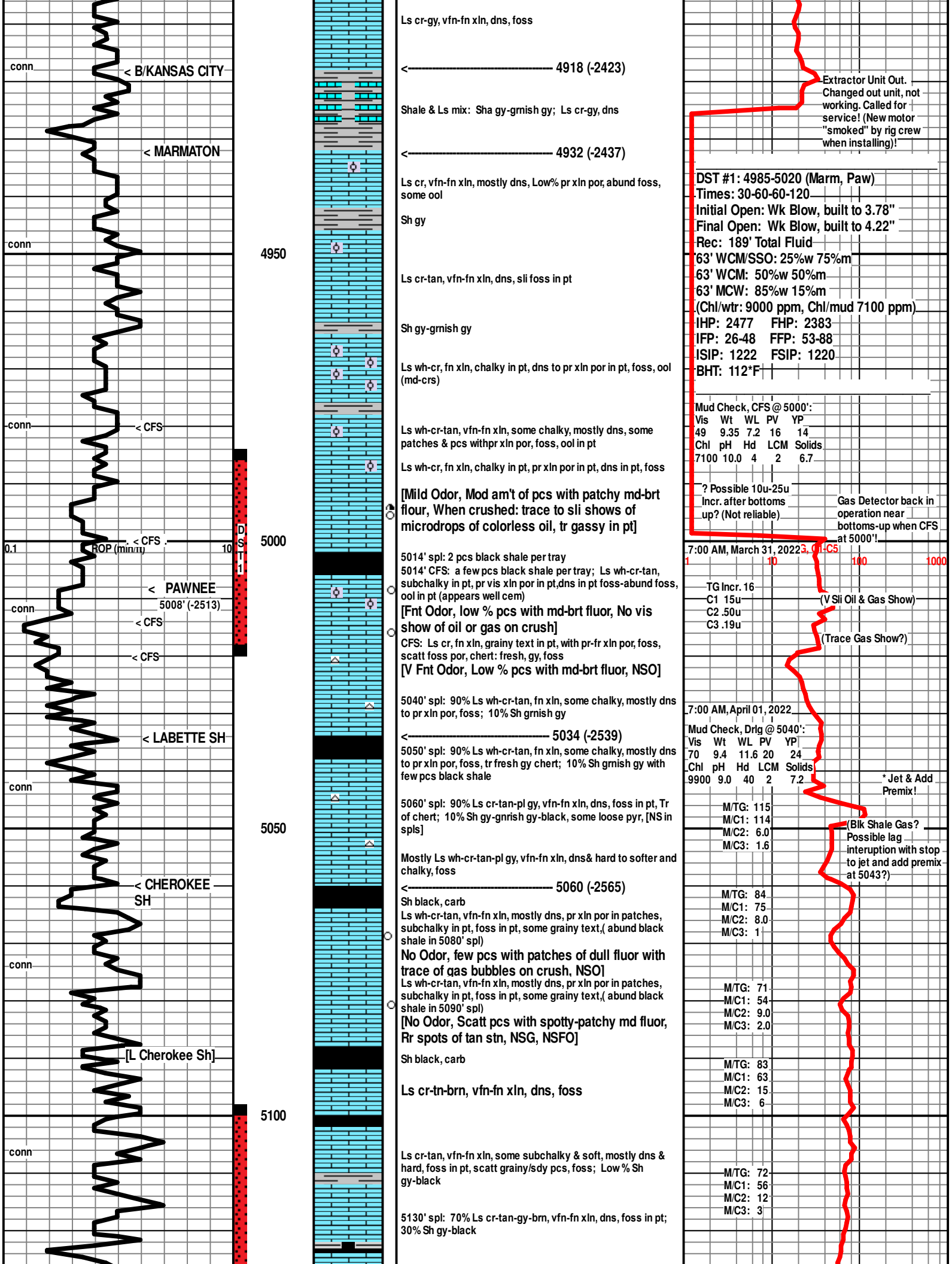
- Rft
- Sidewall

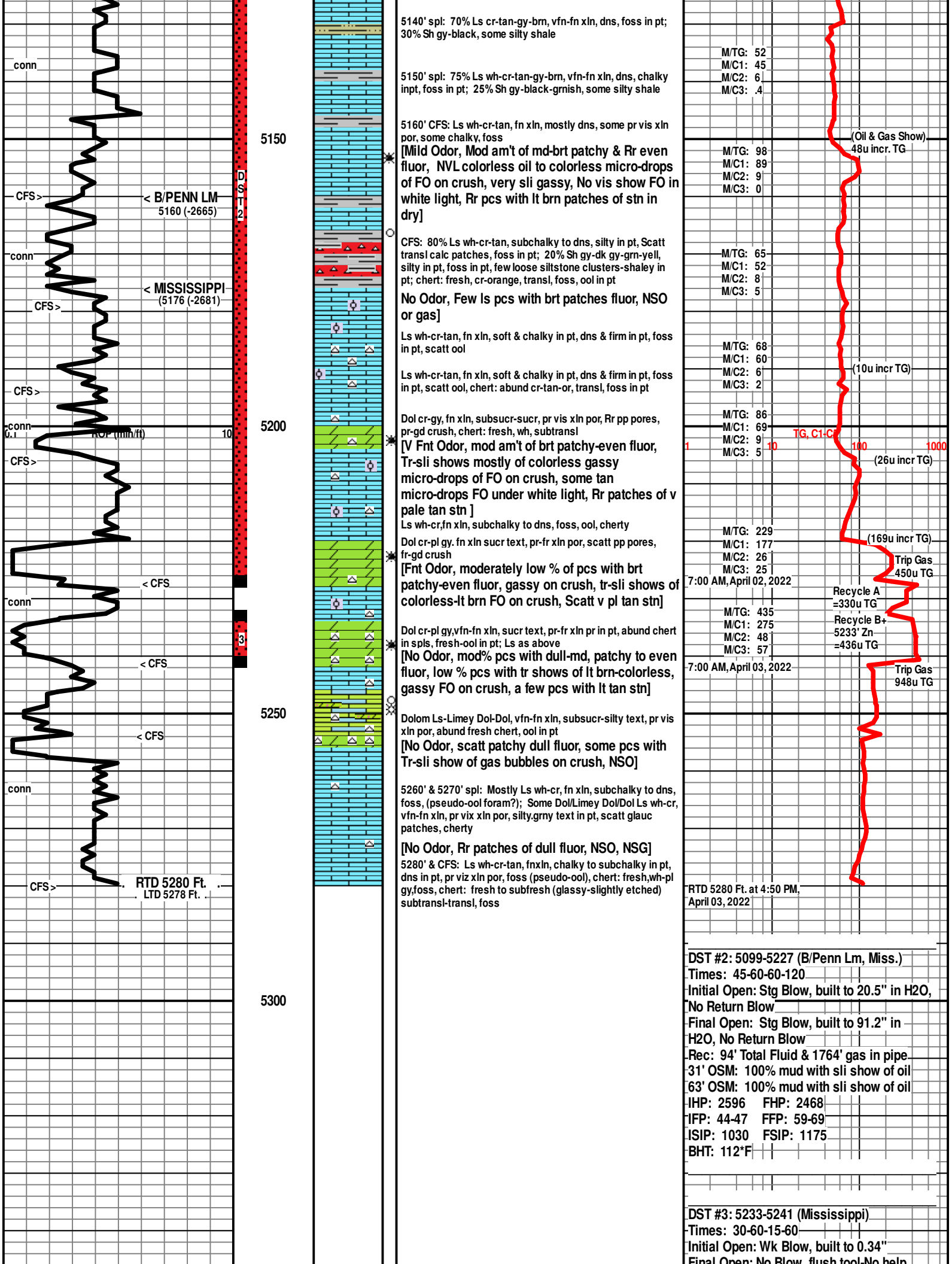
Rate of Penetration ROP (min/ft)	MD	Lithology	Oil Shows	Geological Descriptions	TG, C1-C5 TG (Units) C1 (units) C2 (units) C3 (units) C4 (units) C5 (units)
0.1 ROP (min/ft) 10 conn	4200			Geologist On Location! (Samples Off Depth) Ls cr, fn xln, fr-gd xln por, mealy to grainy text, foss to abund foss	TG, C1-C5 1 10 100 1000 Displace & Mudup @ 3782'!


4250
4300
4350
4400
4450
conn
conn
conn
conn
conn
conn
< HEEBNER SH
< TORONTO
< BROWN LIME
< LANSING
0.1
ROP (min/ft)
10
Ls cr, fn xln, pr-fr-gd xln por, mealy to grainy text in pt, foss to abund foss
Sh gy-dk gy-black, carb in pt
Ls wh-cr, fn xln, chalky in pt, pr xln por to dns in pt, foss
(Samples Back in Correct Depth!)
<---------- 4299 (-1804)
30% black carb shale; 70% Ls wh-cr fn xln, pr xln por to dns, foss, trace of white chert
<---------- 4316 (-1821)
20% black carb shale; 80% Ls wh-cr-gy, fn xln, chalky in pt, dns to pr xln por in pt, foss
Ls & Dol Ls fn xln, subsucr text in pt, pr-fr xln por in pt, dns in pt, foss, Chert: fresh, wh, opaq to subtransl
Sh pl gy-gy, soft to firm, silty in pt
Ls wh-cr, fn xln, pr xln por to dns, foss, chert: fresh, wh, subop-subtransl
Sh pl gy-gy-pl grnish gy, mushy in pt, soft in pt, scatt lamin of black in pt
Ls wh-cr-tan, fn xln, mix of dns and pr-fr xln por with some subsucr text, foss to abund foss (some weath'd to gy)
Sh gy-grnish gy, subsilty text in pt
<---------- 4434 (-1939)
Ls cr-tan, fn xln, dns
Sh gy
<---------- 4446 (-1951)
Ls cr-tan, fn xln, pr-fr xln por, foss, some micro-ool
(Black Shale)
(Black Shale)
* 4349: Shut down to work on drawworks!
TG, C1-C5
1
10
100
1000


conn
conn
conn
conn
conn
conn
0.conn
ROP (min/ft)
10
< MUNCIE CREEK
4500
4550
4600
4650
Ls wh-cr, fn xln, pr-fr xln por, foss, abund chert: fresh, wh, opaq
Ls cr fnxln, dns
Sh gy
Ls cr-tan, fn xln, pr-fr xln por, ool to oom (fn) fr-gd oom por
Ls cr-gy, fn xln, dns in pt, ool to oom in pt
Sh gy
Ls cr=gy, fn xln, dns, foss
Ls wh-cr-pl gy, fn xln, dns in pt, pr xln por in pt, subchalky in pt, foss, chert: fresh, gy, foss
Sh gy
Ls cr-tan-gy, vfn-fn xln, mostly dns, some pr xln por, foss
Sh gy
Ls wh-cr-tan-gy, vfn-fn xln,mostly dns, some chalky & soft, some pr xln por, foss in pt
Ls wh-cr, fn xln, pr-fr xln por in pt, dns to chalky in pt, foss, ool & oom in pt
Ls wh-cr, fn xln, pr-fr xln por in pt, dns to chalky in pt, foss, ool ot oom in pt
<---------- 4637 (-2142)
Sh black, carb
Ls cr, fn xln, pr vis xln por, scatt pp pores & sm vugs, foss
Sh pl grnish gy to black
Ls cr, fn xln,pr xln por to dns, foss
Ls wh-cr, fn xln, chalky in pt, pr vis xln por, some scatt pp
TG, C1-C5
1
10
100
1000
Mud Check, Drlg @ 4645':
Vis Wt WL PV YP
56 9.45 8.0 18 16
Chl pH Hd LCM Solids
9200 10.5 4 0 7.3
7:00 AM, March 30, 2022
(black shale?)


conn
[Dennis]
4700
Ls wh-cr, fn xln, abund chalky & soft, with ool pcs with pr vix xln por and scatt interool pores
Ls wh-cr, fn xln, abund chalky & soft, with ool pcs with pr vix xln por, some dns, and scatt interool pores
conn
Ls wh-cr, fn xln, abund chalky & soft, with ool pcs with pr vix xln por, some dns, and scatt interool pores
4750
Ls wh-cr, fn xln, incr. dns, some chalky, foss
conn
Ls cr-tan, vfn-fn xln, dns, sli foss in pt
Ls cr-tan, vfn-fn xln, dns to pr vis xln por, sli foss in pt
< STARK SH
<---------- 4789 (-2294)
conn
Sh gy-grnish gy-black, carb in pt
(Black Shale)
4800
0.1
ROP (min/ft)
10
TG, C1-C5
1
10
100
1000
Ls cr-tan, fn xln, pr xln por with ool & oom pcs, dns in pt
[Swope]
Ls cr-tan, vfn-fn xln, dns, foss in pt
conn
< HUSH-PUCKNEY SH
<---------- 4834 (-2339)
Sh black,carb
Ls cr-tan, fn xln, grainy text in pt, fr xln por in pt, micro-ool in pt, some oom
4850
conn
[Hertha]
Ls cr-tan, vfn-fn xln, dns, foss in pt
Ls wh-cr-tan-gy, vfn-fn xln, chalky & soft in pt, mostly dns & firm, chert: fresh, cr, subtransl, spic in pt
conn
Sh gy-black
Ls cr-gy-dk gy, vfn xln, dns, subvitreous text in pt
4900


conn
< B/KANSAS CITY
< MARMATON
conn
4950
conn
< CFS
0.1
ROP (min/ft)
10
< CFS
DST 1
5000
< PAWNEE
5008' (-2513)
conn
< CFS
< CFS
< LABETTE SH
conn
5050
< CHEROKEE SH
conn
[L Cherokee Sh]
5100
conn
Ls cr-gy, vfn-fn xln, dns, foss
<---------- 4918 (-2423)
Shale & Ls mix: Sha gy-grnish gy; Ls cr-gy, dns
<---------- 4932 (-2437)
Ls cr, vfn-fn xln, mostly dns, Low% pr xln por, abund foss, some ool
Sh gy
Ls cr-tan, vfn-fn xln, dns, sli foss in pt
Sh gy-grnish gy
Ls wh-cr, fn xln, chalky in pt, dns to pr xln por in pt, foss, ool (md-crs)
Ls wh-cr-tan, vfn-fn xln, some chalky, mostly dns, some patches & pcs withpr xln por, foss, ool in pt
Ls wh-cr, fn xln, chalky in pt, pr xln por in pt, dns in pt, foss
[Mild Odor, Mod am't of pcs with patchy md-brt flour, When crushed: trace to sli shows of microdrops of colorless oil, tr gassy in pt]
5014' spl: 2 pcs black shale per tray
5014' CFS: a few pcs black shale per tray; Ls wh-cr-tan, subchalky in pt, pr vis xln por in pt,dns in pt foss-abund foss, ool in pt (appears well cem)
[Fnt Odor, low % pcs with md-brt fluor, No vis show of oil or gas on crush]
CFS: Ls cr, fn xln, grainy text in pt, with pr-fr xln por, foss, scatt foss por, chert: fresh, gy, foss
[V Fnt Odor, Low % pcs with md-brt fluor, NSO]
5040' spl: 90% Ls wh-cr-tan, fn xln, some chalky, mostly dns to pr xln por, foss; 10% Sh grnish gy
<---------- 5034 (-2539)
5050' spl: 90% Ls wh-cr-tan, fn xln, some chalky, mostly dns to pr xln por, foss, tr fresh gy chert; 10% Sh grnish gy with few pcs black shale
5060' spl: 90% Ls cr-tan-pl gy, vfn-fn xln, dns, foss in pt, Tr of chert; 10% Sh gy-gnrish gy-black, some loose pyr, [NS in spls]
Mostly Ls wh-cr-tan-pl gy, vfn-fn xln, dns& hard to softer and chalky, foss
<---------- 5060 (-2565)
Sh black, carb
Ls wh-cr-tan, vfn-fn xln, mostly dns, pr xln por in patches, subchalky in pt, foss in pt, some grainy text,(abund black shale in 5080' spl)
No Odor, few pcs with patches of dull fluor with trace of gas bubbles on crush, NSO]
Ls wh-cr-tan, vfn-fn xln, mostly dns, pr xln por in patches, subchalky in pt, foss in pt, some grainy text,(abund black shale in 5090' spl)
[No Odor, Scatt pcs with spotty-patchy md fluor, Rr spots of tan stn, NSG, NSFO]
Sh black, carb
Ls cr-tn-brn, vfn-fn xln, dns, foss
Ls cr-tan, vfn-fn xln, some subchalky & soft, mostly dns & hard, foss in pt, scatt grainy/sdy pcs, foss; Low % Sh gy-black
5130' spl: 70% Ls cr-tan-gy-brn, vfn-fn xln, dns, foss in pt; 30% Sh gy-black
Extractor Unit Out. Changed out unit, not working. Called for service! (New motor "smoked" by rig crew when installing)!
DST #1: 4985-5020 (Marm, Paw)
Times: 30-60-60-120
Initial Open: Wk Blow, built to 3.78"
Final Open: Wk Blow, built to 4.22"
Rec: 189' Total Fluid
63' WCM/SSO: 25%w 75%m
63' WCM: 50%w 50%m
63' MCW: 85%w 15%m
(Chl/wtr: 9000 ppm, Chl/mud 7100 ppm)
IHP: 2477 FHP: 2383
IFP: 26-48 FFP: 53-88
ISIP: 1222 FSIP: 1220
BHT: 112*F
Mud Check, CFS @ 5000':
Vis Wt WL PV YP
49 9.35 7.2 16 14
Chl pH Hd LCM Solids
7100 10.0 4 2 6.7
? Possible 10u-25u Incr. after bottoms up? (Not reliable)
Gas Detector back in operation near bottoms-up when CFS at 5000'!
7:00 AM, March 31, 2022
C1
C5
1
10
100
1000
TG Incr. 16
C1 15u
C2 .50u
C3 .19u
(V Sli Oil & Gas Show)
(Trace Gas Show?)
7:00 AM, April 01, 2022
Mud Check, Drlg @ 5040':
Vis Wt WL PV YP
70 9.4 11.6 20 24
Chl pH Hd LCM Solids
9900 9.0 40 2 7.2
* Jet & Add Premix!
M/TG: 115
M/C1: 114
M/C2: 6.0
M/C3: 1.6
(Blk Shale Gas? Possible lag interuption with stop to jet and add premix at 5043?)
M/TG: 84
M/C1: 75
M/C2: 8.0
M/C3: 1
M/TG: 71
M/C1: 54
M/C2: 9.0
M/C3: 2.0
M/TG: 83
M/C1: 63
M/C2: 15
M/C3: 6
M/TG: 72
M/C1: 56
M/C2: 12
M/C3: 3


conn
CFS >
< B/PENN LM
5160 (-2665)
DST 2
conn
< MISSISSIPPI
(5176 (-2681)
CFS >
CFS >
conn
0.1
ROP (min/ft)
10
CFS >
< CFS
conn
3
< CFS
< CFS
conn
CFS >
RTD 5280 Ft.
LTD 5278 Ft.
5150
5200
5250
5300
5140' spl: 70% Ls cr-tan-gy-brn, vfn-fn xln, dns, foss in pt; 30% Sh gy-black, some silty shale
5150' spl: 75% Ls wh-cr-tan-gy-brn, vfn-fn xln, dns, chalky inpt, foss in pt; 25% Sh gy-black-grnish, some silty shale
5160' CFS: Ls wh-cr-tan, fn xln, mostly dns, some pr vis xln por, some chalky, foss
[Mild Odor, Mod am't of md-brt patchy & Rr even fluor, NVL colorless oil to colorless micro-drops of FO on crush, very sli gassy, No vis show FO in white light, Rr pcs with lt brn patches of stn in dry]
CFS: 80% Ls wh-cr-tan, subchalky to dns, silty in pt, Scatt transl calc patches, foss in pt; 20% Sh gy-dk gy-grn-yell, silty in pt, foss in pt, few loose siltstone clusters-shaley in pt; chert: fresh, cr-orange, transl, foss, ool in pt
No Odor, Few ls pcs with brt patches fluor, NSO or gas]
Ls wh-cr-tan, fn xln, soft & chalky in pt, dns & firm in pt, foss in pt, scatt ool
Ls wh-cr-tan, fn xln, soft & chalky in pt, dns & firm in pt, foss in pt, scatt ool, chert: abund cr-tan-or, transl, foss in pt
Dol cr-gy, fn xln, subsucr-sucr, pr vis xln por, Rr pp pores, pr-gd crush, chert: fresh, wh, subtransl
[V Fnt Odor, mod am't of brt patchy-even fluor, Tr-sli shows mostly of colorless gassy micro-drops of FO on crush, some tan micro-drops FO under white light, Rr patches of v pale tan stn]
Ls wh-cr,fn xln, subchalky to dns, foss, ool, cherty
Dol cr-pl gy. fn xln sucr text, pr-fr xln por, scatt pp pores, fr-gd crush
[Fnt Odor, moderately low % of pcs with brt patchy-even fluor, gassy on crush, tr-sli shows of colorless-lt brn FO on crush, Scatt v pl tan stn]
Dol cr-pl gy,vfn-fn xln, sucr text, pr-fr xln pr in pt, abund chert in spls, fresh-ool in pt; Ls as above
[No Odor, mod% pcs with dull-md, patchy to even fluor, low % pcs with tr shows of lt brn-colorless, gassy FO on crush, a few pcs with lt tan stn]
Dolom Ls-Limey Dol-Dol, vfn-fn xln, subsucr-silty text, pr vis xln por, abund fresh chert, ool in pt
[No Odor, scatt patchy dull fluor, some pcs with Tr-sli show of gas bubbles on crush, NSO]
5260' & 5270' spl: Mostly Ls wh-cr, fn xln, subchalky to dns, foss, (pseudo-ool foram?); Some Dol/Limey Dol/Dol Ls wh-cr, vfn-fn xln, pr vix xln por, silty.grny text in pt, scatt glauc patches, cherty
[No Odor, Rr patches of dull fluor, NSO, NSG]
5280' & CFS: Ls wh-cr-tan, fnxln, chalky to subchalky in pt, dns in pt, pr viz xln por, foss (pseudo-ool), chert: fresh,wh-pl gy,foss, chert: fresh to subfresh (glassy-slightly etched) subtransl-transl, foss
M/TG: 52
M/C1: 45
M/C2: 6
M/C3: 4
(Oil & Gas Show)
48u incr. TG
M/TG: 98
M/C1: 89
M/C2: 9
M/C3: 0
M/TG: 65
M/C1: 52
M/C2: 8
M/C3: 5
M/TG: 68
M/C1: 60
M/C2: 6
M/C3: 2
(10u incr TG)
M/TG: 86
M/C1: 69
M/C2: 9
M/C3: 5
TG, C1-C5
1
10
100
1000
(26u incr TG)
M/TG: 229
M/C1: 177
M/C2: 26
M/C3: 25
7:00 AM, April 02, 2022
(169u incr TG)
Trip Gas
450u TG
Recycle A
=330u TG
Recycle B+
5233' Zn
=436u TG
M/TG: 435
M/C1: 275
M/C2: 48
M/C3: 57
7:00 AM, April 03, 2022
Trip Gas
948u TG
RTD 5280 Ft. at 4:50 PM,
April 03, 2022
DST #2: 5099-5227 (B/Penn Lm, Miss.)
Times: 45-60-60-120
Initial Open: Stg Blow, built to 20.5" in H2O,
No Return Blow
Final Open: Stg Blow, built to 91.2" in H2O, No Return Blow
Rec: 94' Total Fluid & 1764' gas in pipe
31' OSM: 100% mud with sli show of oil
63' OSM: 100% mud with sli show of oil
IHP: 2596 FHP: 2468
IFP: 44-47 FFP: 59-69
ISIP: 1030 FSIP: 1175
BHT: 112*F
DST #3: 5233-5241 (Mississippi)
Times: 30-60-15-60
Initial Open: Wk Blow, built to 0.34"

Final Open: No Blow, flush tool-No help
Rec: 5' mud
IHP: 2566 FHP: 2499
IFP: 22-25 FFP: 25-25
ISIP: 1431 FSIP: 1391
BHT: 110*F

Mud Check, TIH/DST2 @ 5227':

Vis	Wt	WL	PV	YP
60	9.3	11.2	24	20
Chl	pH	Hd	LCM	Solids
9200	11.0	28	2	6.6

Mud Check, TIH/DST3 @ 5241':

Vis	Wt	WL	PV	YP
50	9.3	11.6	20	23
Chl	pH	Hd	LCM	Solids
11600	11.0	4	2	6.4

* During Logging Job, Log tools failed during Sonic/Micro Pass. Decision made to run only the DNPE and IND tools!

5350

5400

0.1 ROP (min/ft) 10

1 10 100 1000