KOLAR Document ID: 1751190

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: Mack Armstrong
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 #:

10/16/2023 Spud Date or Recompletion Date
10/25/2023 Date Reached TD
10/26/2023 Completion Date or Recompletion Date

API No.: 15-057-21097-00-00
Spot Description:
SE - SE - NW - NE Sec. 3 Twp. 29 S. R. 23 ☐ East ☑ West
1305 Feet from ☑ North / ☐ South Line of Section
1476 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: PERKINS-CLOSE Well #: 1-3
Field Name:
Producing Formation: Dry and Abandoned
Elevation: Ground: 2523 Kelly Bushing: 2535
Total Vertical Depth: 5300 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 650 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: 21300 ppm Fluid volume: 1567 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Elk Energy Holdings LLC
Lease Name: Karla 2922-1-1 License #: 35420
Quarter SW Sec. 1 Twp. 29 S. R. 22 ☐ East ☑ West
County: Ford Permit #: Kansas

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: 02/12/2024
☐ **Confidential Release Date:** 02/11/2026
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Todd Bryant **Date:** 03/02/2024

Operator Name: Vincent Oil Corporation Lease Name: PERKINS-CLOSE Well #: 1-3

Sec. 3 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: Attached

☑ 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	7.875	8.625	23	650	MDC & Common	300	(0-4% Gel, 3% CC & 1/4# 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	PERKINS-CLOSE 1-3
Doc ID	1751190

All Electric Logs Run

Dual Induction
Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	PERKINS-CLOSE 1-3
Doc ID	1751190

Tops

Name	Top	Datum
Heebner Shale	4350	(-1815)
Brown Limestone	4492	(-1957)
Lansing / Kansas City	4501	(-1966)
Stark Shale	4843	(-2108)
Base Kansas City	4958	(-2423)
Pawnee	5053	(-2518)
Cherokee Shale	5098	(-2563)
Base Penn Limestone	5196	(-2561)
Mississippian	5215	(-2680)
LTD	5294	(-2759)
RTD	5300	(-2765)

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	PERKINS-CLOSE 1-3
Doc ID	1751190

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	7.875	8.625	23	650	MDC & Common	300	(0-4% Gel, 3% CC & 1/4# Flo-seal/sx)

Surface Pipe

Quality Well Service, Inc.

PO Box 468
Pratt, KS 67124

Invoice

Date	Invoice #
10/19/2023	C-3349

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

P.O. No.	Terms	Lease Name
		Perkins-Close #1-3

Description	Qty	Rate	Amount
8 5/8" Head & Manifold	1	250.00	250.00T
8 5/8 Baffle Plate	1	135.00	135.00T
8 5/8 Wooden Plug	1	135.00	135.00T
MDC	150	18.00	2,700.00
Common	150	16.75	2,512.50
Gel	564	0.22	124.08
Calcium	846	1.50	1,269.00
Flo-Seal	150	3.70	555.00
SFC 501-1500'	1	1,000.00	1,000.00
Handling	332	2.10	697.20
.10 * sacks * miles	12,000	0.10	1,200.00
Service Supervisor	1	500.00	500.00
LMV	65	4.50	292.50
Heavy Equipment Mileage	195	9.50	1,852.50
Customer Discount		-3,305.70	-3,305.70
Discount Expires after30 days from the date of the invoice		0.00	0.00
Perkins-Close #1-3 Ford Co.			

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

Subtotal	$9,917.08
Sales Tax (7.5%)	$29.25
Total	$9,946.33

QUALITY WELL SERVICE, INC.

8412

Federal Tax I.D. # 481187368
Home Office 30060 N. Hwy 281, Pratt, KS 67124
Mailing Address P.O. Box 468
Office 620-786-6992
Fax 620-672-3663
Todd's Cell 620-388-4967
Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-17-23	3	29S	23W	Ford	Ks		

Lease Perkins Clo Well No. 1-3 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. 652

Csg. 8⅝ 23# Depth 650' Charge To Vincent Oil Corp

Tbg. Size Depth Street

Tool Depth City State

Cement Left in Csg. Shoe Joint 42.37 The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line Displace 39.89 Cement Amount Ordered 150sx mnc 3% cc ¼# PS

150sx Common 2% Gel 3% cc ¼# PS

EQUIPMENT

Pumptrk 3	No.		
Bulktrk 10	No.		
Bulktrk 12	No.		
Pickup	No.		

JOB SERVICES & REMARKS

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Ran 15 jts 8⅝ 23# Csg set @ 650'

Start Csg. Csg on Bottom

Hook up to Csg & Break Circ W/ Rig

Start Pumping H2o

Start mix Pump Lead 150 sx mnc 12#/gal

Start mix Pump tail 150 sx Common 2% Gel 3% cc ¼# PS @ 14.8#/gal

Shut Down Release 8⅝ Wooden Plug

Start Disp

Plug Down 39 Bbls 500#

Close Value on Csg

Good Circ thru Job

Circ Cmt To Pit

Thank You

Pete, Colin, Ryan, Jon, Matt, Arthur, Jackson

X Signature Kirk Hall

Common	150sx
Poz. Mix	150 sx
Gel.	546 lbs
Calcium	546 lbs
Hulls	
Salt	
Flowseal	150 lbs
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	332
Mileage	65 / 12000

8⅝ FLOAT EQUIPMENT

Guide Shoe	1 EA
Centralizer	Baffle Plate 1 EA
Baskets	Wooden Plug 1 EA
AFU Inserts	
Float Shoe	
Latch Down	
	Service Sup 1 EA
	LMV 65
Pumptrk Charge	Surface
Mileage	195
Tax	
Discount	
Total Charge	

Taylor Printing, Inc.

D&A Plug

Quality Well Service, Inc.

PO Box 468
Pratt, KS 67124

Invoice

Date	Invoice #
11/7/2023	C-3365

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

P.O. No.	Terms	Lease Name
		Perkins-Close

Description	Qty	Rate	Amount
Common	102	16.75	1,708.50T
Poz	68	9.50	646.00T
Gel	585	0.22	128.70T
Plug/Pump Charge	1	1,100.00	1,100.00T
Handling	176	2.10	369.60T
.10 * sacks * miles	11,000	0.10	1,100.00T
Service Supervisor	1	500.00	500.00T
LMV	65	4.50	292.50T
Heavy Equipment Mileage	130	9.50	1,235.00T
Customer Discount		-1,062.05	-1,062.05
Discount Expires after30 days from the date of the invoice		0.00	0.00
Perkins-Close Ford Co.			

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

Subtotal	$6,018.25
Sales Tax (7.5%)	$451.37
Total	$6,469.62

QUALITY WELL SERVICE, INC.

8426

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

Office 620-786-6992
Fax 620-672-3663

Todd's Cell 620-388-4967
Brady's Cell 620-727-6964

	Sec.	Twp.	Range	County	State	On Location	Finish
Date 10-26-23	3	29S	23W	Ford	KS		

Lease Perkins-Clark Well No. Location

Contractor Duke Drlg R.G. #1

Type Job PTA

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

Owner

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

Charge To Violent Oil Corp

Street

City State

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

Cement Amount Ordered 175 sx 60/40 4% Gel

EQUIPMENT

Pumptrk 3	No.		
Bulktrk 15	No.		
Bulktrk	No.		
Pickup	No.		

JOB SERVICES & REMARKS

Rat Hole 30sx

Mouse Hole 25x

Centralizers

Baskets

D/V or Port Collar

1ST Plug @ 1590'

Pump H2O AHEAD

MIX & Pump 50sx 60/40 4% Gel

Pump H2O

Disp Mud

2ND Plug @ 610'

Pump H2O AHEAD

MIX & Pump 50sx 60/40 4% Gel

Disp H2O

3RD Plug @ 60'

20sx 60/40 4% GEL

R-M - 50sx 60/40 4% GEL

THANK YOU

PLEASE CALL AGAIN

TODD MATT - Nathan

X Signature

Common	102 sx	
Poz. Mix	68 sx	
Gel.	535 lbs	
Calcium		
Hulls		
Salt		
Flowseal		
Kol-Seal		
Mud CLR 48		
CFL-117 or CD110 CAF 38		
Sand		
Handling	176	
Mileage	65 / 11.00	

FLOAT EQUIPMENT

Guide Shoe		
Centralizer		
Baskets		
AFU Inserts		
Float Shoe		
Latch Down		
SERVICE SUP	1 EA	
LMV	65	
Pumptrk Charge	PTA	
Mileage	130	
	Tax	
	Discount	
	Total Charge	

Taylor Printing, Inc.

DRILL STEM TEST REPORT

Vincent Oil Corp.

200 W Douglas Ave. #725
Wichita, KS 67202

ATTN: Macklin Armstrong

3/29/23

Perkins-Close 1-3

Job Ticket: 71049 **DST#: 1**

Test Start: 2023.10.24 @ 03:40:00

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: 2532.00 ft (KB)
Time Tool Opened: 06:09:17
Time Test Ended: 13:27:47

Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 69

Interval: 5229.00 ft (KB) To 5229.00 ft (KB) (TVD)
Total Depth: 5255.00 ft (KB) (TVD)
Hole Diameter: 2521.00 inches Hole Condition: Good

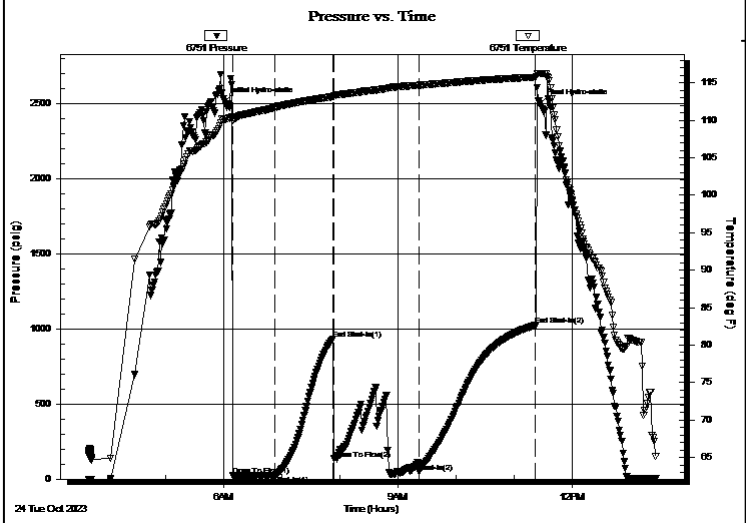
Reference Elevations: 2532.00 ft (KB)
2521.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6751 **Outside**

Press@RunDepth: 48.29 psig @ 5231.00 ft (KB)
Start Date: 2023.10.24 End Date: 2023.10.24
Start Time: 03:40:01 End Time: 13:27:47

Capacity: psig
Last Calib.: 1899.12.30
Time On Btm: 2023.10.24 @ 06:00:32
Time Off Btm: 2023.10.24 @ 11:26:47

TEST COMMENT: IF: 45 min., fair building blow , 6.7 inches
ISI: 60 min., no blow back
FF: 90 min., BOB 60 min., strong building blow , 26 inches
FSI: 120 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2511.00	110.14	Initial Hydro-static
9	25.48	110.03	Open To Flow (1)
52	25.47	111.68	Shut-In(1)
113	933.82	113.15	End Shut-In(1)
114	134.25	113.23	Open To Flow (2)
202	48.29	114.67	Shut-In(2)
322	1023.39	115.76	End Shut-In(2)
327	2497.06	116.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	gasy oily w atery mud 10%G,20%O,10%\0.63%M	

Gas Rates

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

DRILL STEM TEST REPORT

Vincent Oil Corp.

200 W Douglas Ave. #725
Wichita, KS 67202

ATTN: Macklin Armstrong

3/29/23

Perkins-Close 1-3

Job Ticket: 71049 **DST#: 1**

Test Start: 2023.10.24 @ 03:40:00

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: 2532.00 ft (KB)
Time Tool Opened: 06:09:17
Time Test Ended: 13:27:47

Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 69

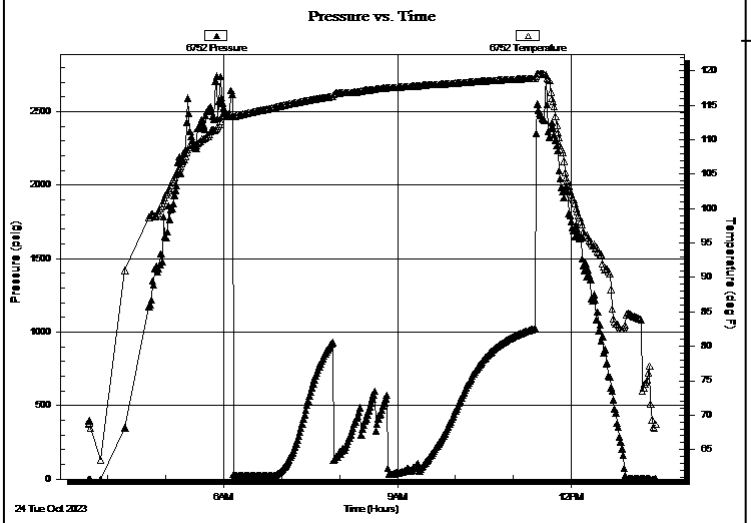
Interval: 5229.00 ft (KB) To 5229.00 ft (KB) (TVD)
Total Depth: 5255.00 ft (KB) (TVD)
Hole Diameter: 2521.00 inches Hole Condition: Good

Reference Elevations: 2532.00 ft (KB)
2521.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6752 **Inside**
Press@RunDepth: psig @ 5231.00 ft (KB)
Start Date: 2023.10.24 End Date: 2023.10.24
Start Time: 03:40:01 End Time: 13:27:47

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

TEST COMMENT: IF: 45 min., fair building blow , 6.7 inches
ISI: 60 min., no blow back
FF: 90 min., BOB 60 min., strong building blow , 26 inches
FSI: 120 min., no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
45.00	gasy oily w atery mud 10%G,20%O,10%\0.63%M	

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

200 W Douglas Ave. #725
Wichita, KS 67202

ATTN: Macklin Armstrong

3/29/23

Perkins-Close 1-3

Job Ticket: 71049 **DST#: 1**

Test Start: 2023.10.24 @ 03:40:00

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:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.59 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	gasy oily w atery mud 10%G,20%O,10%W,6(	0.631

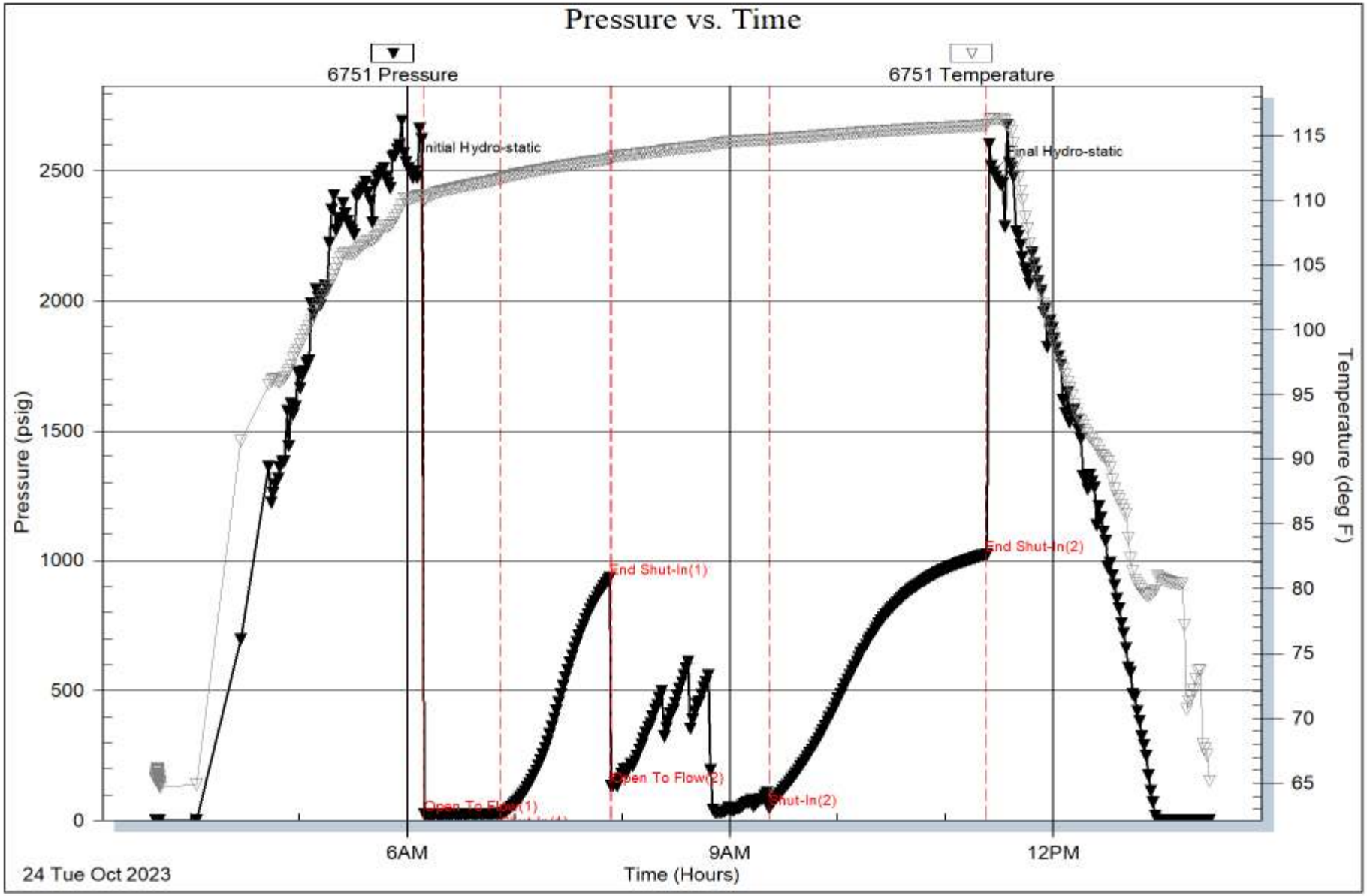
Total Length: 45.00 ft Total Volume: 0.631 bbl

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

Laboratory Name: Laboratory Location:

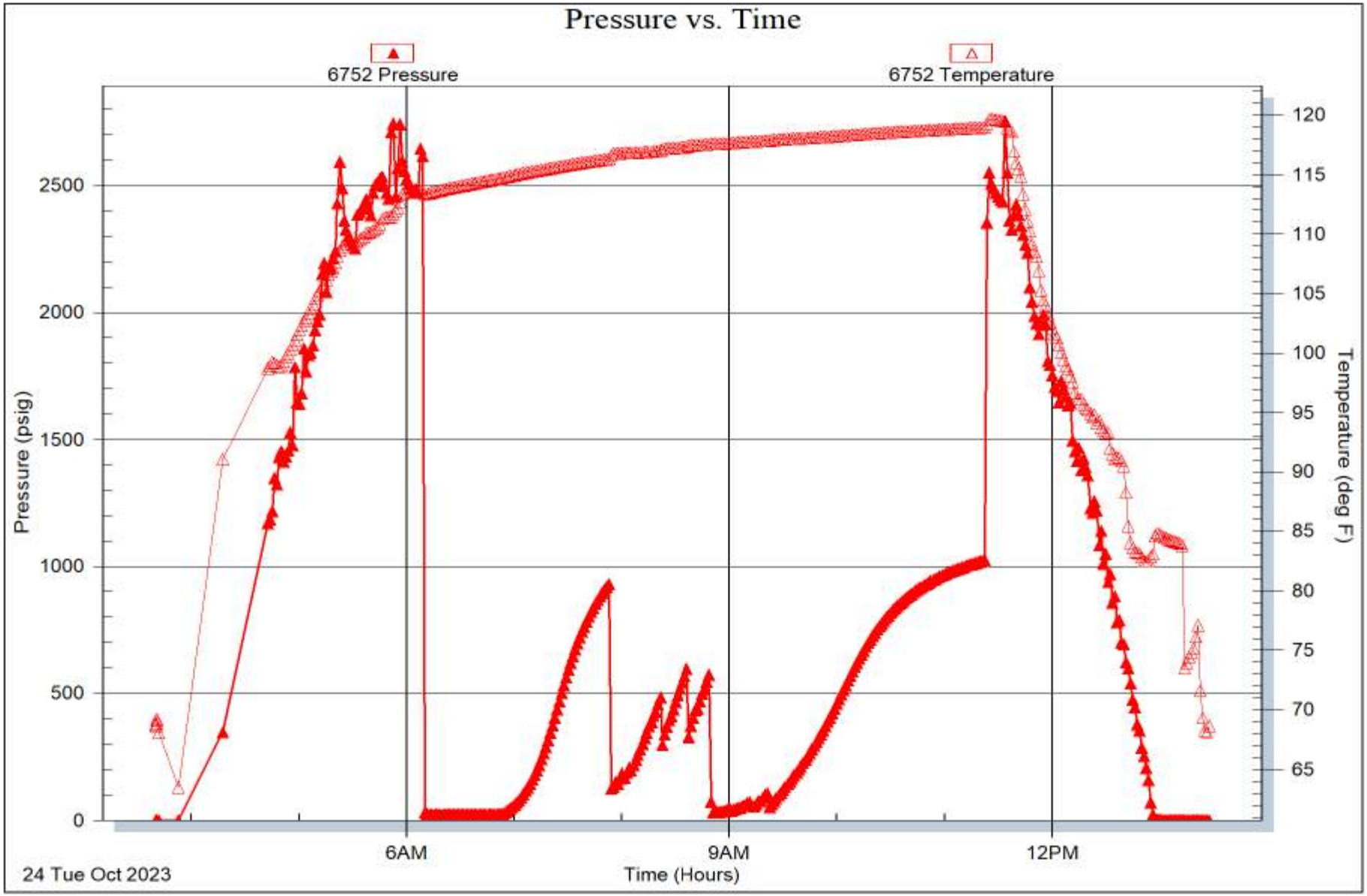
Recovery Comments: 300' GIP

Serial #: 6751 **Outside** Vincent Oil Corp. Perkins-Close 1-3 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 71049 Printed: 2023.10.24 @ 14:23:30

Serial #: 6752 **Inside** Vincent Oil Corp. Perkins-Close 1-3 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 71049 Printed: 2023.10.24 @ 14:23:30

DRILL STEM TEST REPORT

Vincent Oil Corp.

200 W Douglas Ave. #725
Wichita, KS 67202

ATTN: Macklin Armstrong

3/29/23

Perkins-Close 1-3

Job Ticket: 71050 **DST#: 2**

Test Start: 2023.10.24 @ 22:13:00

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: 2532.00 ft (KB)
Time Tool Opened: 00:43:32
Time Test Ended: 09:08:47

Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 69

Interval: 5258.00 ft (KB) To 5270.00 ft (KB) (TVD)
Total Depth: 5270.00 ft (KB) (TVD)
Hole Diameter: 2521.00 inches Hole Condition: Good

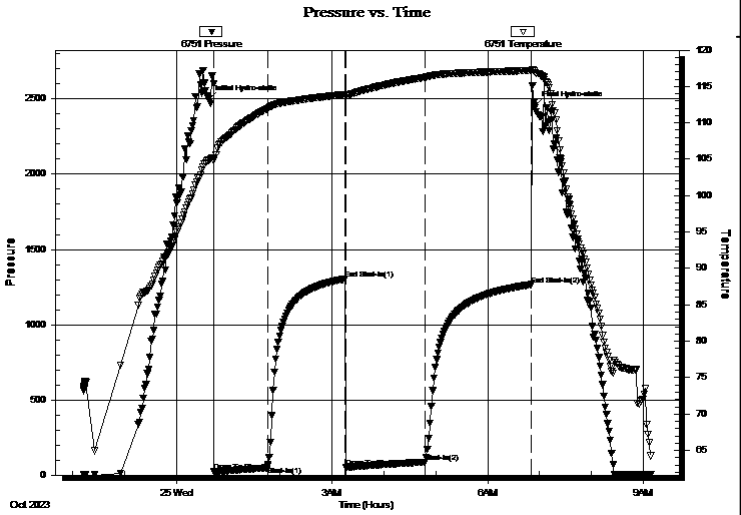
Reference Elevations: 2532.00 ft (KB)
2521.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6751 **Outside**

Press@RunDepth: 86.98 psig @ 5260.00 ft (KB)
Start Date: 2023.10.24 End Date: 2023.10.25
Start Time: 22:13:01 End Time: 09:08:47

Capacity: psig
Last Calib.: 1899.12.30
Time On Btm: 2023.10.25 @ 00:37:32
Time Off Btm: 2023.10.25 @ 06:54:32

TEST COMMENT: IF: 60 min., strong building blow , 9 inches
ISI: 90 min., no blow back
FF: 90 min., BOB 42 min., strong building blow , 20.5 inches
FSI: 120 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2494.42	104.90	Initial Hydro-static
7	26.91	104.83	Open To Flow (1)
69	57.67	111.96	Shut-In(1)
157	1302.71	113.87	End Shut-In(1)
159	51.63	113.72	Open To Flow (2)
250	86.98	116.24	Shut-In(2)
374	1266.18	117.22	End Shut-In(2)
377	2453.95	116.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	muddy w ater 15%M,85%W	1.82

Gas Rates

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

DRILL STEM TEST REPORT

Vincent Oil Corp.

200 W Douglas Ave. #725
Wichita, KS 67202

ATTN: Macklin Armstrong

3/29/23

Perkins-Close 1-3

Job Ticket: 71050 **DST#: 2**

Test Start: 2023.10.24 @ 22:13:00

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: 2532.00 ft (KB)
Time Tool Opened: 00:43:32
Time Test Ended: 09:08:47

Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 69

Interval: 5258.00 ft (KB) To 5270.00 ft (KB) (TVD)
Total Depth: 5270.00 ft (KB) (TVD)
Hole Diameter: 2521.00 inches Hole Condition: Good

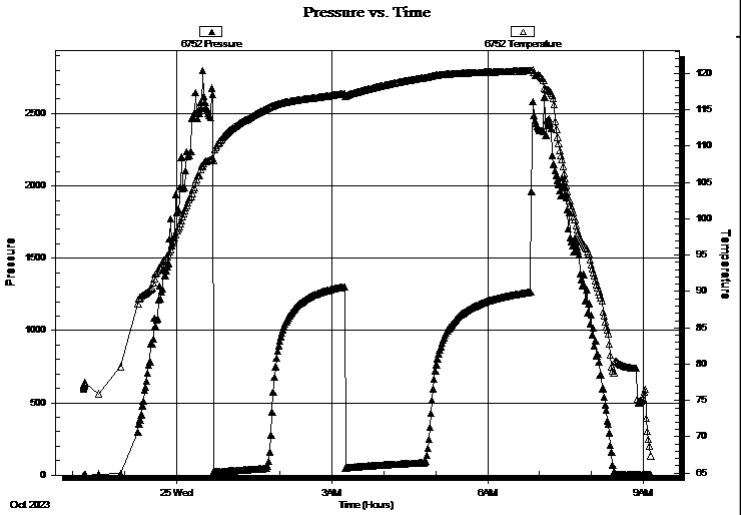
Reference Elevations: 2532.00 ft (KB)
2521.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6752 **Inside**

Press@RunDepth: psig @ 5260.00 ft (KB)
Start Date: 2023.10.24 End Date: 2023.10.25
Start Time: 22:13:01 End Time: 09:08:47

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

TEST COMMENT: IF: 60 min., strong building blow , 9 inches
ISI: 90 min., no blow back
FF: 90 min., BOB 42 min., strong building blow , 20.5 inches
FSI: 120 min., no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
130.00	muddy w ater 15%M,85%W	1.82

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

200 W Douglas Ave. #725
Wichita, KS 67202

ATTN: Macklin Armstrong

3/29/23

Perkins-Close 1-3

Job Ticket: 71050 **DST#: 2**

Test Start: 2023.10.24 @ 22:13:00

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:	105000 ppm
Viscosity:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.39 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	inches				

Recovery Information

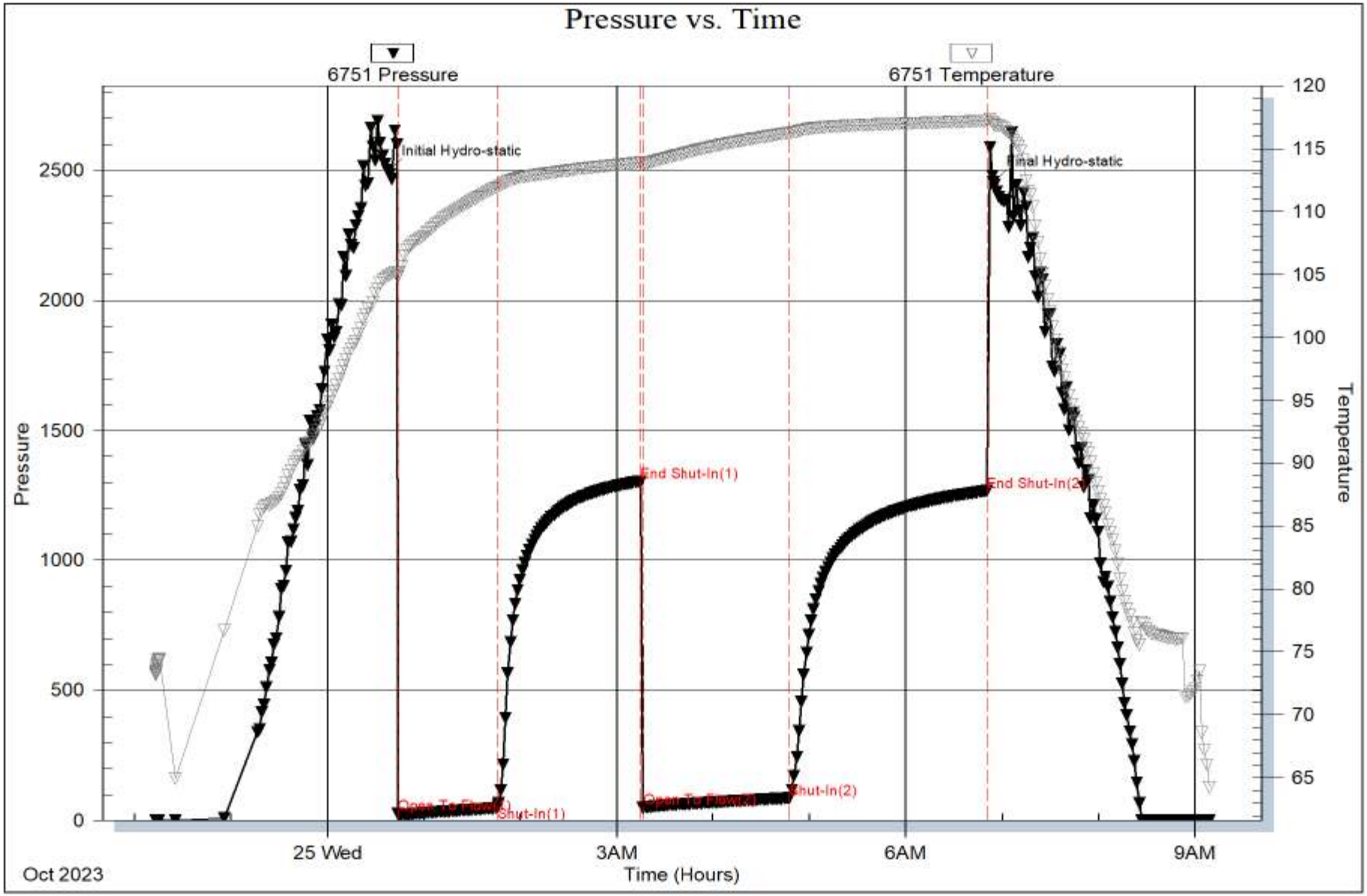
Recovery Table

Length ft	Description	Volume bbl
130.00	muddy w ater 15%M,85%W	1.824

Total Length: 130.00 ft Total Volume: 1.824 bbl

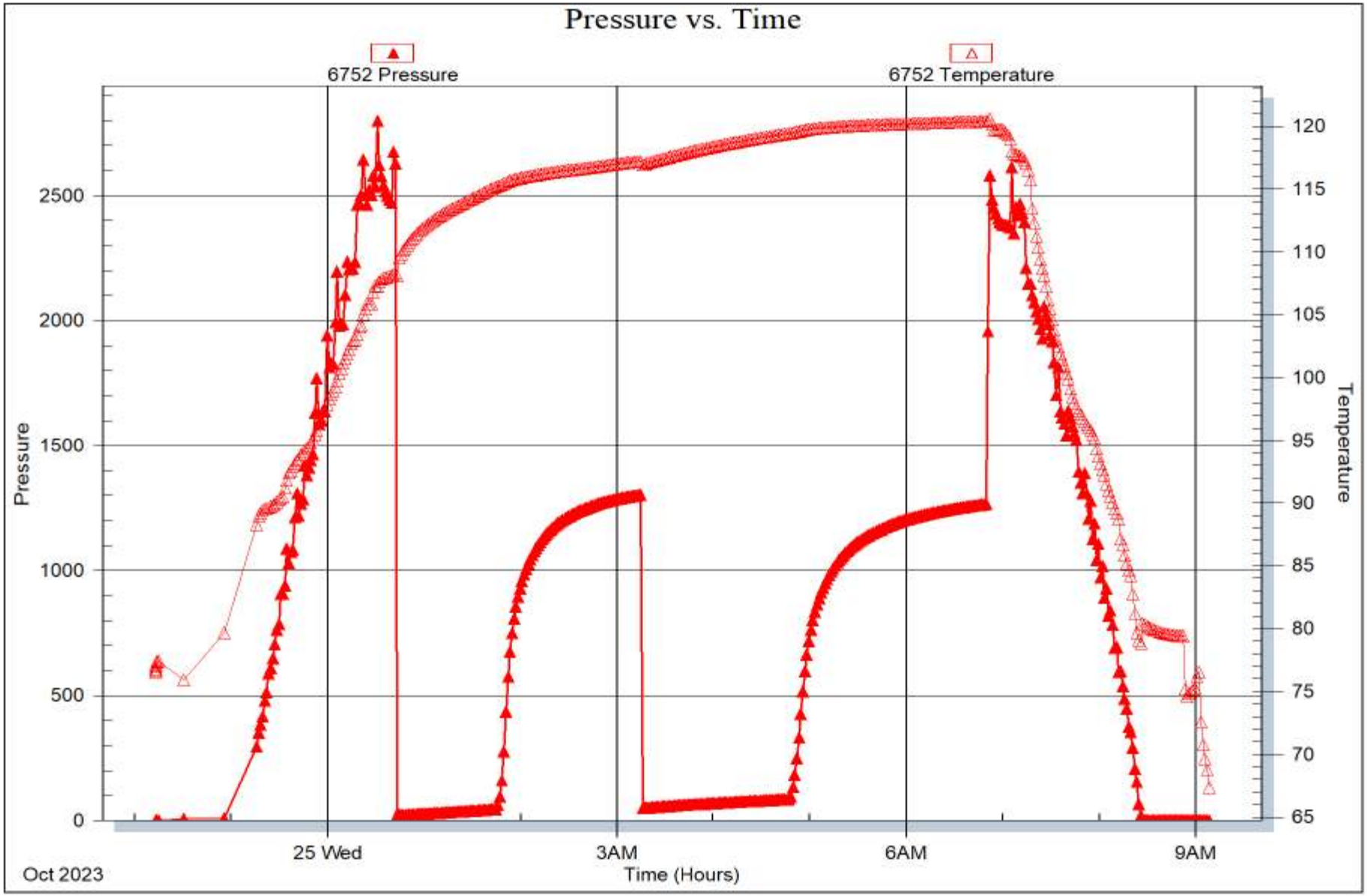
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW=.090@63F=105000ppm

Serial #: 6751 **Outside** Vincent Oil Corp. Perkins-Close 1-3 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 71050 Printed: 2023.10.25 @ 11:04:19

Serial #: 6752 **Inside** Vincent Oil Corp. Perkins-Close 1-3 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 71050 Printed: 2023.10.25 @ 11:04:20

Vincent Oil Corporation
Perkins-Close No. 1-3
1305' FNL and 1476' FEL
NE NE SW NE
Sec 3 T29S R23W
Ford County, Kansas

Geological Report
by

Macklin M. Armstrong

Scale 1:240 Imperial

Well Name:	Perkins-Close No. 1-3		
Surface Location:	Sec 3 T29S R23W		
Bottom Location:	1305' FNL and 1476' FEL		
API:	15-057-21097		
License Number:	5004		
Spud Date:	10/16/2023	Time:	7:00 PM
Region:	Ford County, Kansas		
Drilling Completed:	10/25/2023	Time:	2:45 PM
Surface Coordinates:	325730 & 1617870		
Bottom Hole Coordinates:	325730 & 1617870		
Ground Elevation:	2523.00ft		
K.B. Elevation:	2535.00ft		
Logged Interval:	4200.00ft	To:	5300.00ft
Total Depth:	5300.00ft		
Formation:	Mississippi		
Drilling Fluid Type:	Chemical/Fresh Water Gel		

OPERATOR

Company:	Vincent Oil Corporation		
Address:	200 West Douglas Wichita, Kansas 67202		
Contact Geologist:	Dick Jordan		
Contact Phone Nbr:	316-262-3573		
Well Name:	Perkins-Close No. 1-3		
Location:	Sec 3 T29S R23W		
API:	15-057-21097		
Pool:	Oil	Field:	Mulberry Creek

State: Kansas Country: USA

CONTRACTOR

Contractor:	Duke Drilling Company		
Rig #:	1		
Rig Type:	mud rotary		
Spud Date:	10/16/2023	Time:	7:00 PM
TD Date:	10/25/2023	Time:	2:45 PM
Rig Release:	10/26/2023	Time:	11:00 AM

SURFACE CO-ORDINATES

Well Type:	Vertical
Longitude:	-99.81856
Latitude:	37.55351
N/S Co-ord:	325730
E/W Co-ord:	1617870

ELEVATIONS

K.B. Elevation:	2535.00ft	Ground Elevation:	2523.00ft
K.B. to Ground:	12.00ft		

NOTES

Date	Depth at 7 am	Activity
10-16-23	MIRU	Spud at 7:00 pm
10-17-23	650	WOC
10-18-23	1367	Drilling
10-19-23	2561	Drilling
10-20-23	3620	Drilling
10-21-23	4185	Drilling
10-22-23	4765	Drilling
10-23-23	5108	Drilling
10-24-23	5255	On bottom with DST 1
10-25-23	5270	Coming out of hole after DST 2
10-26-23	5300	

Surface Casing: 8 5/8" 23# at 650'
Production Casing:

Deviation: 652' - 1 1/4°
1651' - 1°
2658' - 1/4°
3954' - 1 1/2°
5255' - 1/4°

Bit Record:	Make	Size	Type	Depth In	Depth Out	Hours
	Logic	12 1/4"	231b	Surface	652	7 3/4
	Logic	7 7/8"	516	652	3954	58
	Linco	7 7/8"	OK527G	3954	5300	

Drill Stem Tests:

DST No. 1 5229 to 5255 Mississippi
45-60-90-120
Recovery: 300' GIP
45' GOWM (10%G, 20%O, 10%W, 60%M)
IHP 2511 FHP 2497
IFP 25 FFP 25
ISIP 934 FSIP 1023
Temp 116°

DST No. 2 5268 to 5270 Mississippi
60-90-90-120
Recovery: 130; MW (chl 105,000 ppm)
IHP 2494 FHP 2454

IHP 2494 FHP 2454
IFP 27-58 FFP 52-87
ISIP 1303 FSIP 1266
Temp 117°

Formation	Sample	E-Log	Datum	Well 1	Well 2	Well 3
Heebner	4353		-1818	-6	-5	-10
Brown Lime	4492		-1957	-3	-5	-9
Lansing	4502		-1967	-2	-4	-9
Muncie Creek	4694		-2159	-7	-4	+1
Stark	4844		-2309	-8	-12	-16
Hushpuckney	4883		-2348	-9	-12	-14
Base/Kansas City	4960		-2425	-12	-4	-7
Marmaton	4977		-2442	-11	-2	-6
Pawnee	5057		-2522	-12	-7	-12
Labette Shale	5079		-2544	-11	-2	-7
Cherokee Shale	5100		-2565	-9	-2	-6
Base/Penn LIme	5197		-2662	-8	-3	-4
Mississippi	5219		-2684	-7	0	-4
Total Depth	5300		-2765			

Well 1: Vincent Oil Corporation Perkins No. 7-3 NW SW NW SW Sec 3 T29S R23W
Well 2: VIncent Oil Corporation Perkins No. 1-3 NW NW SW NE Sec 3 T29S R23W
Well 4: Vincent Oil Corporation Perkins No. 2-3 NE NW NE Sec 3 T29S R23W

Respectfully submitted,
Macklin M. Armstrong

ROCK TYPES

Cht vari, Dolprim, Lmst fw7>, shale, grn, shale, gry, Carbon Sh, Shcol

ACCESSORIES

MINERAL
- Chert, dark
- Varicolored chert
- Chert White

FOSSIL
- Bioclastic or Fragmental
- Crinoids
- F Fossils < 20%
- Oolite
- Oomoldic

STRINGER
- Chert
- green shale
- carb shale

TEXTURE
- C Chalky

OTHER SYMBOLS

DST
- DST Int
- DST alt
- Core

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)

Curve Track #1
ROP (min/ft)
Gamma (API)
Cal (in)
1:240 Imperial

Depth | Intervals	DST	Lithology	Oil Show	Geological Descriptions	Comment
Cored Interval / DST Interval					

0 ROP (min/ft) 10
0 Gamma (API) 150
6 Cal (in) 16

4120

Vincent Oil Corporation
Perkins-Close No. 1-3

Sample Cuttings:
Kansas Geological Sample Repository

NE NE SW NE
1305' FNL and 1476' FEL
Sec 3 T29S R23W
Ford County, Kansas

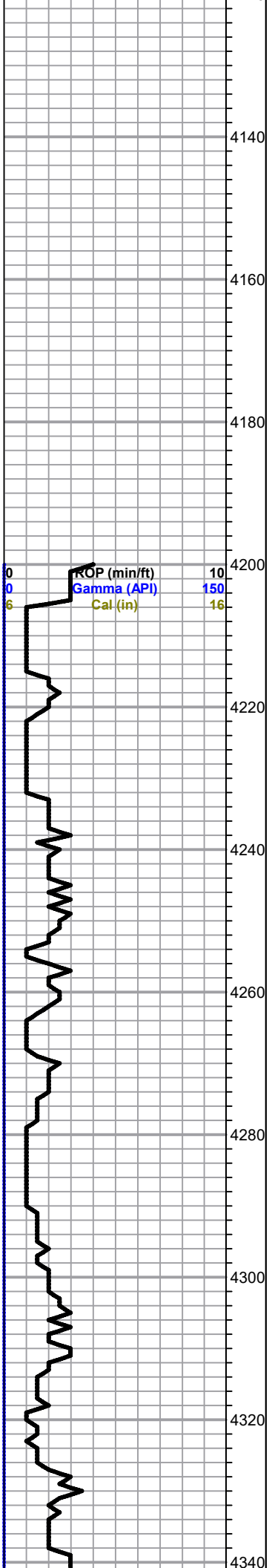
GL 2523 KB 2535

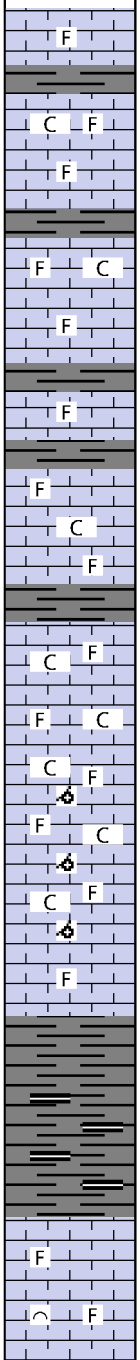
Testing: Trilobite Testing

Gas Detector:
Blue Stem
Encironmental

Electric Logs: ELI Wireline Services
- DIL
- CDL/CNL
- MEL
- SONIC

Deviation:
- 652' - 1 1/4°
- 1651' - 1°
- 2658' - 1/4°
- 3954' - 1 1/2°
- 5255' - 1/4°





Ls-lt gry/tan fxln mhd/dns fos no por

Sh-gry/dk gry

Ls-lt grytan fxln mhd fos sl clky no por

Ls-lt gry/tan fxln mhd sl fos no por

Sh-gry/dk gry

Ls-tan/crm fxln mhd fos sl clky no por

Ls-gry fxln dns no por

Sh-gry/dk gry

Ls-lt gry tan fxln mhd/dns sl fos no por

Sh-gry/dk gry

Ls-lt gry/tan fxln mhd/dns sl fos no por

Ls-lt gry/tan fxln soft sl fos sl clky no por

Ls-lt gry/tan fxln mhd/dns sl fos no por

Sh-gry/dk gry

Ls-tan/crm fxln soft sl fos clky no por

Ls-tan/crm fxln mhd sl fos sl clky no por

Ls-crm/tan fxln soft sl fos sl oom clky no por and Ls-wt soft clky

Ls-AA

Ls-crm/tan fxln mhd/dns sl fos sl oom sl clky no por

Ls-lt gry fxln dns fos no por

Sh-gry/dk gry

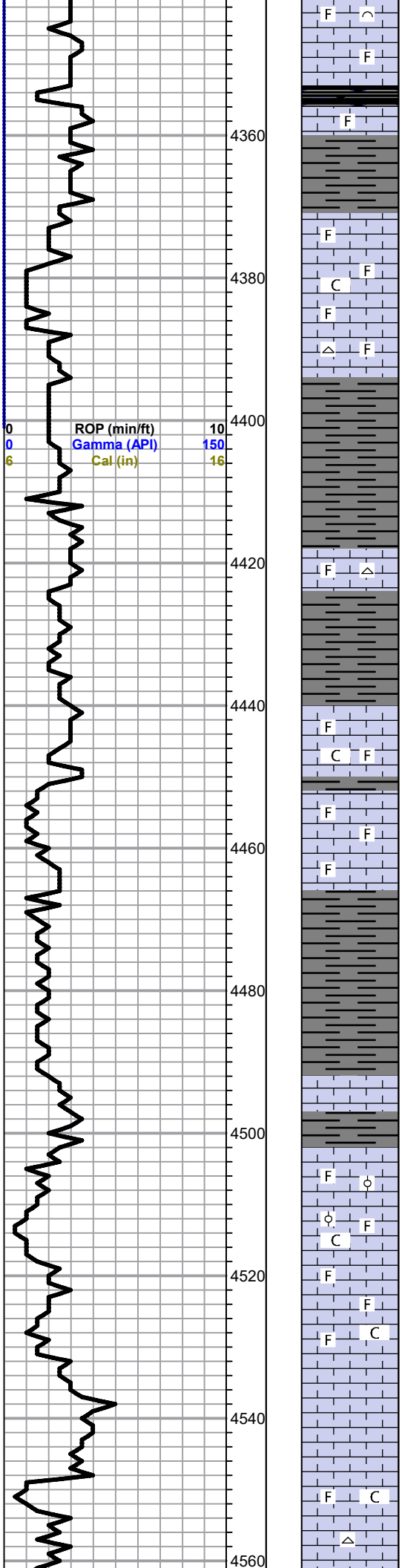
Sh-gry/dk gry sm blk

ShAA

Ls-lt gry/tan fxln to sl blky fos dns no por

Ls-lt gry/tan mxln to sl blky or frag fos mhd/dns no por

Mud Data 4347'
12:55 pm on 10-21-23
Wt 9.2 Vis 48 WL 9.6
pH 10.0 Chl 5600 Sol 6.1%
YP 15 LCM 0#



Ls-AA

Ls-tan/gry f/mxln dns fos no por

---------- Heebner 4353 -1818 ----------

Ls-tan/gry fxln dns fos no por

Sh-gry/dk gry

Ls-tan fxln mhd fos no por

Ls-crm fxln soft/mhd sl fos no por sm Ls-wt fxln soft clky

Ls-crm/tan fxln mhd sl fos no por sm Cht-wt fsh opaq

Sh-gry/dk gry

Sh-AA

Sh-AA

Ls-crm fxln mhd/dns sl fos no por sm Cht-wt fsh opaq

Sh-gry/dk gry

Sh-AA

Ls-crm/tan fxln dns sl fos no por

Ls-crm/tan fxln mhd sl fos sl clky no por

Sh-gry

Ls-tan/brn fmxln mhd fos fr inter xln por ns with sm Ls-tan with dk brn and blk rnd fos

Ls-tan/brn fxln mhd/dns fos no por

Sh-gry/dk gry

Sh-AA

Sh-AA

---------- Brown LIme 4492 -1957 ----------

Ls-tan/brn fxln dns no por

Sh-gry/dk gry

---------- Lansing 4502 -1967 ----------

Ls-crm/tan fxln mnd/dns fos sl ool no por

Ls-crm/tan fxln mhd fos sl ool sl clky no por

Ls-tan/brn fxln dns fos no por

Ls-tan/brn fxln to sl blky fos sl clky no por

Ls-tan/brn fxln mhd/dns no por

Ls-tan/brn fxln dns no por

Ls-AA

Ls-tan/crm fxln soft sl fos clky no por

Ls-lt gry/tan fxln mhd/dns no por sm Cht-wt fsh opaq

All fromation tops on this geological log have been correlated back to the electric log

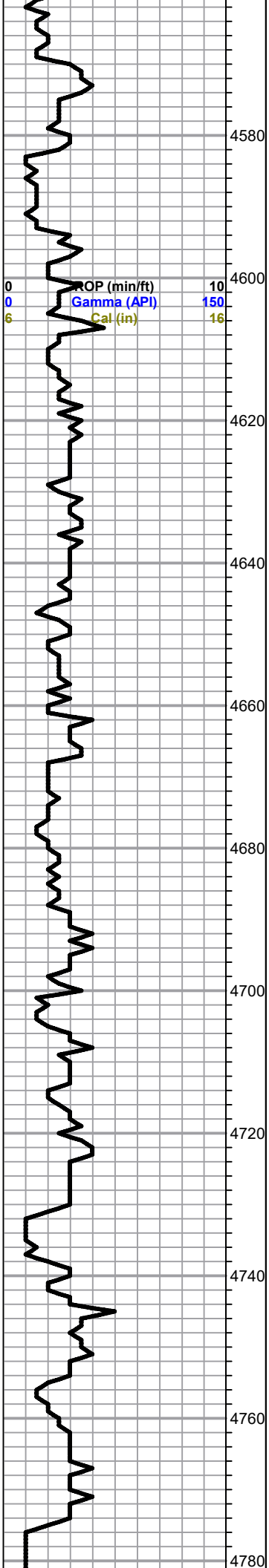
After bit trip at 3954, gas detecton not engauged until 4393

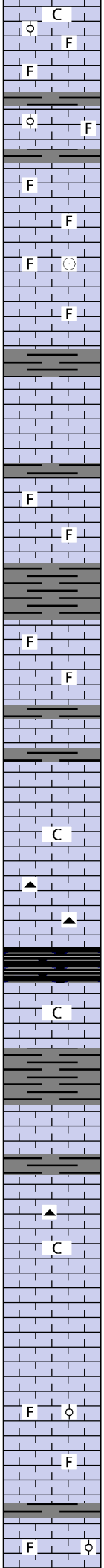
15 units total gas

10 units total gas

10 units total gas

8 units total gas





Ls-tan/brn fxln fos sl ool sl clky no por

Ls-tan/brn fxln dns sl fos no por

Sh-gry/dk gry

Ls-tan fxln mhd/dns no por sm Ls-gry f/mgrn mhd fos ool no por

Sh-gry/dk gry

Ls-lt gry/tan fxln mhd sl fos no por

Ls-gry/tan/brn f/mxln mhd fos no por sm free crin

Ls-AA

Ls-tan/gry f/mxln mhs fos no por

Sh-gry/dk gry

Ls-tan fxln dns no por

Ls-AA

Sh-gry/dk gry

Ls-gry/brn fxln dns sl fos no por

Ls-AA

Sh-gry/dk gry

Ls-gry/lt gry fxln mhd/dns sl fos no por

Ls-AA

Sh-gry/dk gry

Ls-lt gry fxln dns no por

Sh-gry/dk gry

Ls-lt gry/tan fxln mhd no por

Ls-lt gry/tan fxln mhd sl clky no por

Ls-tan fxln mhd no por sm Cht-lt gry fsh opaq

Ls-tan/lt gry fxln dns no por sm Cht-lt gry/gry fsh opaq

---------- Muncie Creek 4694 -2159 ----------

Sh-blk carb

Ls-tan/crm fxln mhd sl clky no por

Sh-gry/dk gry

Ls-lt gry/tan fxln mhd no por

Sh-gry/dk gry

Ls-crm/tan fxln mhd no por sm Cht-lt gry/gry fsh opaq

Ls-crm fxln soft/mhd clky no por

Ls-tan/brn fxln mhd/dns no por

Ls-tan/brn fxln dhs no por

Ls-AA

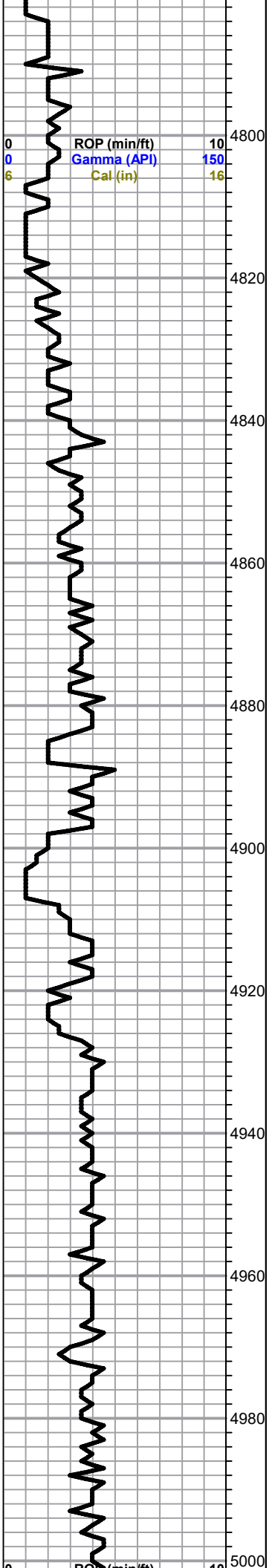
Ls-tan fxln mhd fos ool pr inter ool por ns

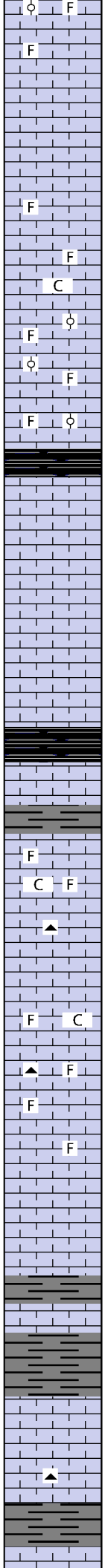
Ls-tan fxln mhd/dns sl fos no por

Sh-gry/dk gry

Ls-tan fxln mhd fos to sl ool pr inter ool por ns

5 units total gas





Ls-tan/lt gry fxln mhd sl fos no por

Ls-tan/brn fxln mhd/dns no por

Ls-AA

Ls-gry/brn fxln mhd/dns no por

Ls-tan/brn f/mxln mhd fos no por

Ls-AA

Ls-tan/lt gry fxln mhd sl clky no por

Ls-tan/brn f/mxln mhd/dns fos sl ool no por

Ls-AA

Ls-tan/gry f/mxln dns fos sl ool no por

---------- Stark 4844 -2309 ----------

22 units total gas

Sh-blk carb

Ls-gry/brn fxln dns no por

Ls-AA

Ls-brn/lt gry fxln dns no por

Ls-tan/lt gry fxln dns no por

Ls-lt gry fxln dns no por

---------- Hushpuckney 4883 -2348 ----------

20 units total gas

Sh-blk carb

Ls-lt gry fxln dns no por

Mud Data 4892'
1:00 pm on 10-22-23
Wt 9.2 Vis 51 WL 8.0
pH 10.5 Chl 6000 Sol 6.0%
YP 16 LCM 3#

Sh-gry/dk gry

Ls-lt gry/tan fxln mhd so fos no por

10 units total gas

Ls-tan fxln soft clky sl fos no por

Ls-gry/brn fxln dns no por sm Cht-lt gry/gry/brn fsh opaq

Ls-AA

Ls-tan fxn soft/mhd fos clky no por

Ls-tan/gry fxln dns sl fos no por sm Cht-lt gry fsh opaq

Ls-AA

Ls-tan/lt gry fxln dns sl fos no por

Ls-gry fxln dns no por

Ls-AA

---------- Base/Kansas City 4960 -2425 ----------

Sh-gry/dk gry

Ls-gry/brn fxln dns no por

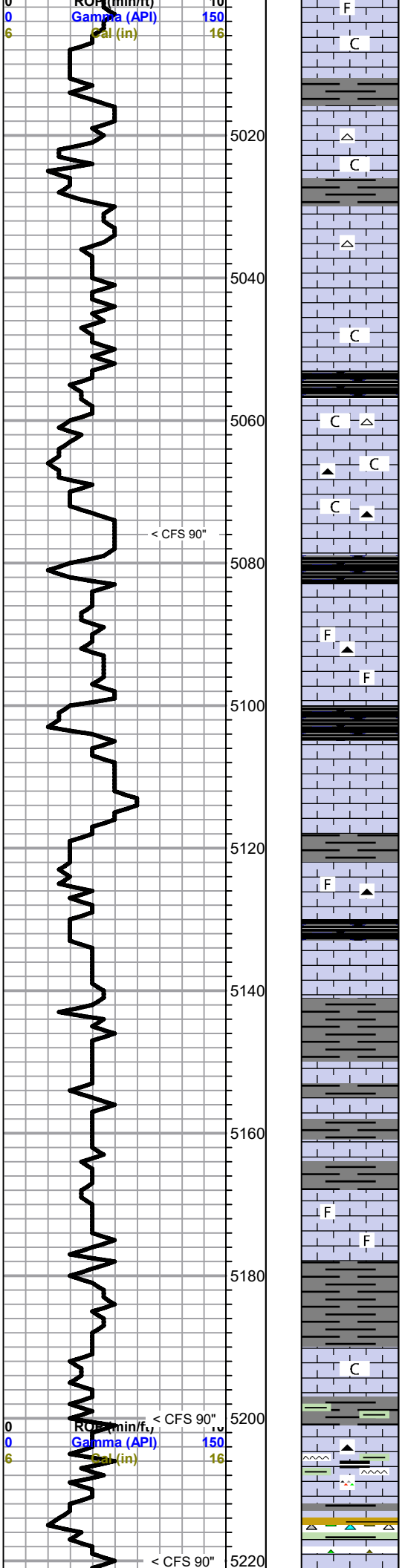
Sh-gry/dk gry

---------- Marmaton 4977 -2442 ----------

Ls-tan/lt gry fxln dns no por

Ls-AA with sm Cht-lt gry fsh opaq

Sh-gry/dk gry



Ls-crm/tan fxln dns sl fos no por

Ls-lt gry/crm fxln mhd no por sm Ls-crm fsln soft clky no por

Sh-gry/dk gry

Pulled 23 stand short trip at 5015'

Ls-crm fxln dns no por sm Cht-crm fsh opaq

Ls-crm fxln mhd clky no por

Sh-gry/dk gry

Ls-crm/tan fxln dns no por sm Cht-wt fsh opaq

Ls-crm/tan fxln mhd/dns no por

Ls-AA

Ls-crm/tan fxln mhd/dns sl clky no por

Sh-blk carb

10 units total gas

---------- Pawnee 5057 -2534 ----------

Ls-crm/tan fxln mhd/dns sl clky no por sm Cht-wt/lt gry fsh opaq

12 units total gas

Ls-crm fxln mdh clky no por nsfo or gas sm Cht-lt gry/gry fsh opaq

Ls-crm/tan fxln mhd/dns clky no por sm Cht-AA

---------- Labette Shale 5079 -2544 ----------

50 units total gas

Sh-blk carb

Ls-tan/lt gry fxln dns no por

Ls-tan fxln dns sl for no por sm Cht-gry/brn fsh opaq

Ls-AA

---------- Cherokee Shale 5100 -2565 ----------

55 units total gas

Sh-blk carb

Ls-lt gry/gry fxln dns no por

Ls-lt gry/gry brn fxln dns no por

Sh-gry/dk gry

Ls-lt gry/gry f/mxln mhd sl fos no por sm Cht-gry/brn fsh opaq fos

Sh-blk carb

20 units total gas

Ls-gry/brn fxln dns no por

Sh-gry/dk gry

Ls-gry/brn fxln dns no pro

Sh-gry/dk gry

Ls-gry/brn fxln dns no por

Sh-gry/dk gry

Ls-gry fxln dns no por

Sh-gry/dk gry

Ls-gry/brn f/mxln mhd/dns sl fos no por

Ls-AA

Mud Data 5196'
1:30 pm on 10-23-23
Wt 9.3 Vis 57 WL 9.6
pH 10.0 Chl 6000 Sol 6.8%
YP 21 LCM 3#

Sh-gry/dk gry

Sh-AA

Ls-lt gry fxln dns clky no por

---------- Base/ Penn Limestone 5197 -2667 ----------

Sh-gry/dk gry sm grn

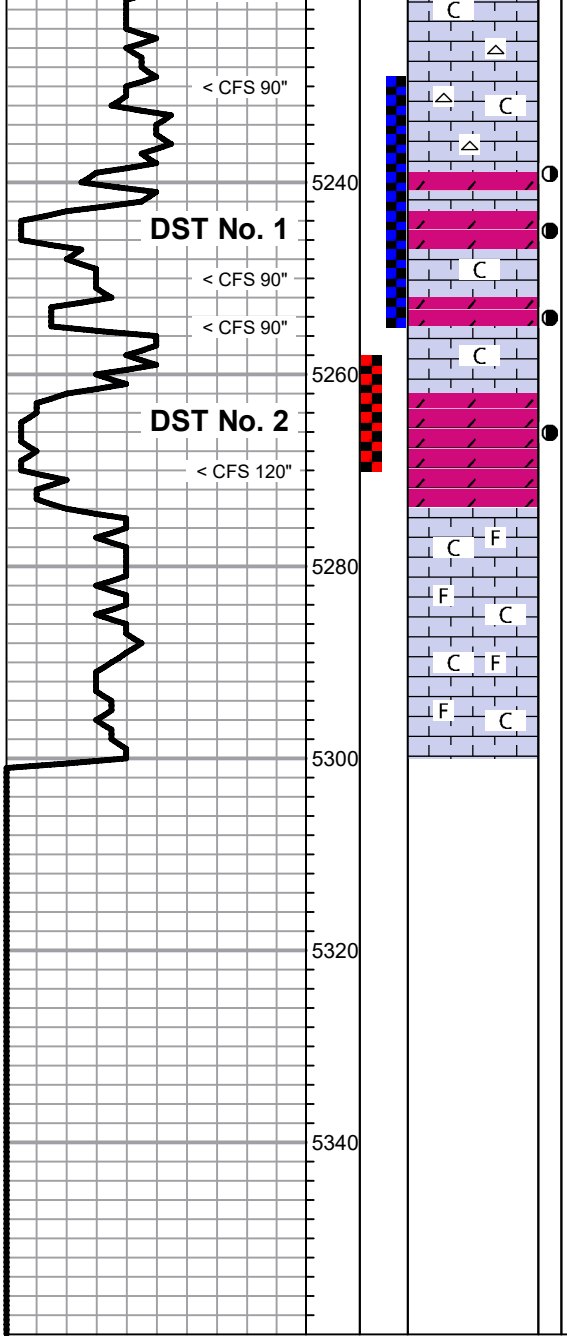
Ls-crm/tan fxln mhd/dns no por with sm Cht-lt gry fsh fos ool and Cht-brn/org fsh opaq no shows of oil or gas

Ls-AA with more Cht-tan/org/lt gry fsh opaq and some Sh-blk/grn/yel

Ls-lt gry/crm fxln mnd no por with some Cht-wt/tanbrn fsh opaq and Sh-gry/grn/yel/mar/blk no shows of oil or gas

---------- Mississippi 5219 -2684 ----------

DST No. 1
5229 to 5255
45-60-90-120
1st Open: Fair blow, building to 6.7"
2nd Open: Strong blow, BOB in 60"
Recovery: 300' GIP
45' GOWM (10%G, 20%O, 10%W, 60%M)
IHP 2511 FHP 2497
IFP 25-25 FFP 134-48



Ls-crm/off wt fxln to dl gran mhd/dns sl clky no por

Ls-AA sm Cht-wt/tan fxh opaq

Ls-crm fxln mhd clky no por sm Cht-tan/wt fsh opaq

Ls-crm fxln mhd/dns sl clky no por with sm Cht-AA

Dolo-brn fxln to sl suc mhd fr vug por ssfo on brk gd strm cut faint odor

Ls-crm fxln mhd sl clky no por

Dolo-brn suc mhd fr vug por brk sat stan fsfo on brk gd strm cut fair odor

Ls-crm fxln mhd sl clky no por sm Cht-gry/tan/wt fsh opaq

Dolo-brn suc mhd fr vug por brn sat stn fsfo and gas on brk strm cut on brk gd fluor fair odor

Ls-crm fxln mdh/dns sl clky no por

Dolo-brn/tan fsuc mhd fr xln por brn sat stn fsfo and strm cut on brk gd fluor fair odor

Dolo-brn/tan fsuc mhd fr xln por dull fluor nsfo or gas

Ls-crm fxln to sl gran sl fos mhd/dns sl clky no por

Ls-AA

Ls-crm fxln to sl gran sl fos mhd/dns sl clky no por

Ls-AA

---------- **RTD 5300 -2765** ----------

Finished drilling at 2:45 pm on 10-25-23. Circulated for log 90 minutes.

Finshed logging at 10:00 pm on 10-25-23.

ISIP 934 FSIP 1023
Temp: 116°

30 units total gas

130 units total gas

32 units total gas

Pipe strap at 5255'.
Long 1.11'

90 units total gas

110 units total gas

Mud Data 5255'
11:00 am on 10-24-23
Wt 8.7 Vis 53 WL 8.0
pH 11.0 Chl 4100 Sol 2.4%
YP 16 LCM 0

DST No. 2

5258 to 5270
60-45-90-120
1st Open: Strong blow, building to 9"
2nd Open: Strong blow, BOB in 42"
Recovery: 130' MW
Chl 105,000 ppm
IHP 2494 FHP 2454
IFP 27-38 FFP 52-87
ISIP 1303 FSIP 1266
Temp: 117°

Mud Data 5270'
9:45 am on 10-25-23
Wt 9.3 Vis 57 WL 12.8
ph 9.0 Chl 9600 Sol 6,5%
YP 21 LCM 2#