

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 # _____

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

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 #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <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 Geologist Report / Mud Logs <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
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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				

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: <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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	C & D HERRMANN 1-5
Doc ID	1751984

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	C & D HERRMANN 1-5
Doc ID	1751984

Tops

Name	Top	Datum
Heebner Shale	4291	(-1797)
Brown Limestone	4432	(-1938)
Lansing / Kansas City	4444	(-1950)
Stark Shale	4772	(-2278)
Base Kansas City	4904	(-2410)
Pawnee	5001	(-2507)
Cherokee Shale	5046	(-2552)
Base Penn Limestone	5148	(-2659)
Mississippian	5162	(-2668)
RTD	5274	(-2780)
LTD	5276	(-2782)

Surface casing

Quality Well Service, Inc.

**PO Box 468
Pratt, KS 67124**

Invoice

Date	Invoice #
11/7/2023	C-3367

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

P.O. No.	Terms	Lease Name
		C-D Herrmann #1-5

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
8 5/8 Centralizer	1	90.00	90.00T
8 5/8 Basket	1	325.00	325.00T
Common	225	16.75	3,768.75
MDC	150	18.00	2,700.00
Gel	705	0.22	155.10
Calcium	1,058	1.50	1,587.00
Flo-Seal	187.5	3.70	693.75
SFC 501-1500'	1	1,000.00	1,000.00
Handling	408	2.10	856.80
.10 * sacks * miles	15,000	0.10	1,500.00
Service Supervisor	1	500.00	500.00
Additional Hours	5	250.00	1,250.00
LMV	65	4.50	292.50
Heavy Equipment Mileage	130	9.50	1,235.00
Customer Discount		-4,118.48	-4,118.48
Discount Expires after 30 days from the date of the invoice		0.00	0.00
C-D Herrmann #1-5 Ford Co.			

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

Subtotal \$12,355.42

Sales Tax (7.5%) \$52.59

Total \$12,408.01

Subtract C&G

QUALITY WELL SERVICE, INC.

8429

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
10-20-23	5	29S	23W	Ford	Ks		
Lease <i>C-D HERRMANN</i>		Well No. <i>1-5</i>		Location			
Contractor <i>TOPE DIG RIG</i>				Owner			
Type Job <i>SURFACE</i>				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 <i>12 1/4</i>		T.D. <i>610</i>		Charge To <i>VINCENT OIL CORP</i>			
Csg. <i>35/8 23'</i>		Depth <i>583.73</i>		Street			
Tbg. Size		Depth		City			
Tool		Depth		State			
Cement Left in Csg.		Shoe Joint <i>42.39</i>		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace <i>34.65</i>		Cement Amount Ordered <i>151 1/2 MCL 3 1/2 CC 1/2 PI</i>			
EQUIPMENT				<i>2254 Common 2 1/2 Gal 3 1/2 CC 1/2 PI</i>			
Pumptrk <i>3</i>	No.			Common <i>225 60</i>			
Bulktrk <i>12</i>	No.			Poz. Mix <i>1500 50</i>			
Bulktrk <i>15</i>	No.			Gel. <i>705 lbs</i>			
Pickup	No.			Calcium <i>1050 lbs</i>			
JOB SERVICES & REMARKS				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal <i>137.5</i>			
Centralizers				Kol-Seal <i>40</i>			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<i>Rin 14 1/2" 35/8 23' CSH SET @ 583.73</i>				Sand			
<i>START CSH Run to 1st Wash Co</i>				Handling <i>400</i>			
<i>Pull CC Run back in with Bit</i>				Mileage <i>65/15000</i>			
<i>START CSH CSH on Bottom</i>				35% FLOAT EQUIPMENT			
<i>Hook up to CSH: Break circ within</i>				Guide Shoe <i>H.M 1 EA</i>			
<i>START Pumping H2S</i>				Centralizer <i>RAFFLE Plate 1 EA</i>			
<i>START MIC: Pump 151 1/2 MCL 12 1/4 Gal</i>				Baskets <i>WOODEN PLOH 1 EA</i>			
<i>START MIC: Pump 225 60 Common</i>				AFU Inserts <i>CENT 1 EA</i>			
<i>2 1/2 Gal 3 1/2 CC 1/2 PI @ 14.8 1/4 Gal</i>				Float Shoes <i>BSKT 1 EA</i>			
<i>SHUT DOWN RELEASE 35/8 WOODEN PLOH</i>				Latch Down <i>ADD HES 5 EA</i>			
<i>START DISH</i>				SERVICE SW <i>1 EA</i>			
<i>PLUG DOWN 500' 34.65 Gals</i>				<i>IMV 65</i>			
<i>Close valve on CSH</i>				Pumptrk Charge <i>Surf</i>			
<i>Good circ thru JOB</i>				Mileage <i>130</i>			
<i>OK OUT TO BIT</i>							
<i>THANK YOU PLEASE CALL AGAIN</i>							
Signature <i>M.K. Ashby</i>				Signature <i>Tom Arthur JACKSON</i>			
						Tax	
						Discount	
						Total Charge	

Quality Well Service, Inc.

**PO Box 468
Pratt, KS 67124**

Invoice

Date	Invoice #
11/14/2023	C-3375

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

P.O. No.	Terms	Lease Name
		C-D Herrmann #1-5

Description	Qty	Rate	Amount
4 1/2" Head & Manifold	1	250.00	250.00T
4 1/2 Centralizer	6	50.00	300.00T
4 1/2 Rotating Head	1	150.00	150.00T
4 1/2 AFU Float Shoe	1	350.00	350.00T
4 1/2 LD Plug & Baffle	1	250.00	250.00T
Pro-C	225	18.00	4,050.00T
Gel	423	0.22	93.06T
Organic Water Block	56.25	27.00	1,518.75T
Salt	1,239	0.50	619.50T
Flo-Seal	56.25	3.70	208.13T
Kol-Seal	1,125	1.00	1,125.00T
Mud Flush	500	1.00	500.00T
Fluid Loss	127	10.50	1,333.50T
CC-1	9	35.00	315.00T
Cement Defoamer	53	6.00	318.00T
Longstring	1	2,100.00	2,100.00
Handling	277	2.10	581.70
.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	130	9.50	1,235.00
Customer Discount		-3,458.03	-3,458.03
Discount Expires after 30 days from the date of the invoice		0.00	0.00
C-D Herrmann #1-5 Ford Co.			

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

Subtotal	\$13,832.11
Sales Tax (7.5%)	\$682.86
Total	\$14,514.97

QUALITY WELL SERVICE, INC.

8439

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.	Twsp.	Range	County	State	On Location	Finish
11-6-23	5	29S	23W	Ford	Ks		
Lease C-D HERZMANN		Well No. 1-5		Location			
Contractor DUKE DZIG, K.G. #1				Owner			
Type Job 4 1/2 LS				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. 5274'		Charge To Vincent Oil Corp			
Csg. 4 1/2 11.6"		Depth 5275		Street			
Tbg. Size		Depth		City State			
Tool		Depth		City State			
Cement Left in Csg.		Shoe Joint 10-46		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace 81.60		Cement Amount Ordered 22551 PROC 21 GAL 101 SALT			
EQUIPMENT				5 1/2 KOKAL .61 C16A .25% C41P 25% B.P.S. 25% OWS			
Pumptrk 3	No.			Common 2254			
Bulktrk 15	No.			Poz. Mix			
Bulktrk	No.			Gel. 423 lbs			
Pickup	No.			Calcium			
JOB SERVICES & REMARKS				Hairs 56.25 lbs OWS			
Rat Hole 30x				Salt 1239 lbs			
Mouse Hole 20x				Flowseal 56.25 lbs			
Centralizers 1-3-5-7-9-11				Kol-Seal 1125 lbs			
Baskets				Mud CLR 48 500 GAL			
D/V or Port Collar				CEL-117 or CD110 CAF-88 C16A 127 lbs			
Run 125 H's 4 1/2 11.6" CSG SET @ 5273'				Sand CC-1 9 GAL C41P 53 lbs			
START CSG CSG ON BOTTOM ITAG				Handling .277			
DROP BALL Hook up to CSG, Break circ w/ 2 1/2"				Mileage 65/12000			
Rotate CSG				FLOAT EQUIPMENT			
START Pumping 12 Bbls 12 Bbl MF 10 Bbls H2O				Guide Shoe 4" m 1 EA			
START PLOG R-M HOLES 570'				Centralizer 6 EA			
START MIXED CSG 175 GAL PROC @ 14.8% GAL				Baskets Rotating HEAD 1 EA			
SHUT DOWN Wash n-tek Release 4 1/2 LN PLOG				AFU Inserts			
START DIS W/ 2 1/2" KCL				Float Shoe 1 EA			
LIFT PSI 69 Bbl out 550'				Latch Down 1 EA			
PLOG DOWN 1300" 3 1/2 Bbl				SERVICE Sump 1 EA			
PSI up CSG 1300'				LMV 65			
Good circ thru RELEASE + AELD 1/2 Bbl back				Pumptrk Charge LS			
Good circ thru JOB				Mileage 130			
THANK YOU				Tax			
PLEASE CALL AGAIN TOMO MATT HELM				Discount			
Signature [Signature]				Total Charge			



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Vincent Oil Corp.
 200 W Douglas Ave. #725
 Wichita, Ks 67202
 ATTN: Tom Dudgeon

5-29S-23W Ford
C&D Herrmann 1-5
 Job Ticket: 71059 **DST#: 1**
 Test Start: 2023.11.03 @ 13:25:06

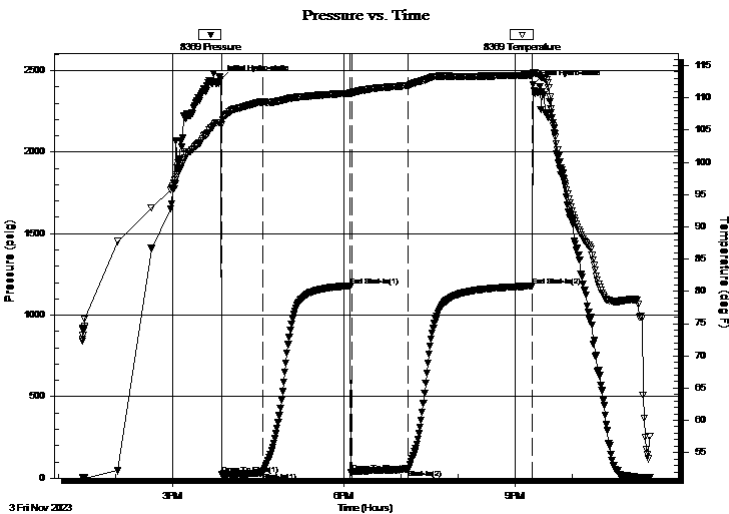
GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:51:16
 Time Test Ended: 23:22:06
 Interval: **4995.00 ft (KB) To 5024.00 ft (KB) (TVD)**
 Total Depth: 5024.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Eric Burgess
 Unit No: 80
 Reference Elevations: 2494.00 ft (KB)
 2481.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8369 Outside
 Press@RunDepth: 54.77 psig @ 4996.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2023.11.03 End Date: 2023.11.03 Last Calib.: 2023.11.03
 Start Time: 13:25:07 End Time: 23:22:06 Time On Btm: 2023.11.03 @ 15:50:06
 Time Off Btm: 2023.11.03 @ 21:19:06

TEST COMMENT: IF: Strong Building Blow built to 37.29" (45)
 IS: No Blow Back. (90)
 FF: Strong Building Blow built to 102.78" (60)
 FS: No Blow Back. (120)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2443.74	106.14	Initial Hydro-static
2	23.55	105.90	Open To Flow (1)
45	32.72	109.41	Shut-In(1)
137	1179.51	110.72	End Shut-In(1)
138	34.09	110.67	Open To Flow (2)
198	54.77	111.91	Shut-In(2)
328	1178.54	113.53	End Shut-In(2)
329	2412.96	113.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1953' GIP	0.00
45.00	OGWCM 10%G 15%O 5%W 70%M	0.66
63.00	OWMCG 60%G 25%O 10%W 5%M	0.92

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.
200 W Douglas Ave. #725
Wichita, Ks 67202
ATTN: Tom Dudgeon

5-29S-23W Ford
C&D Herrmann 1-5
Job Ticket: 71059 **DST#: 1**
Test Start: 2023.11.03 @ 13:25:06

Mud and Cushion Information

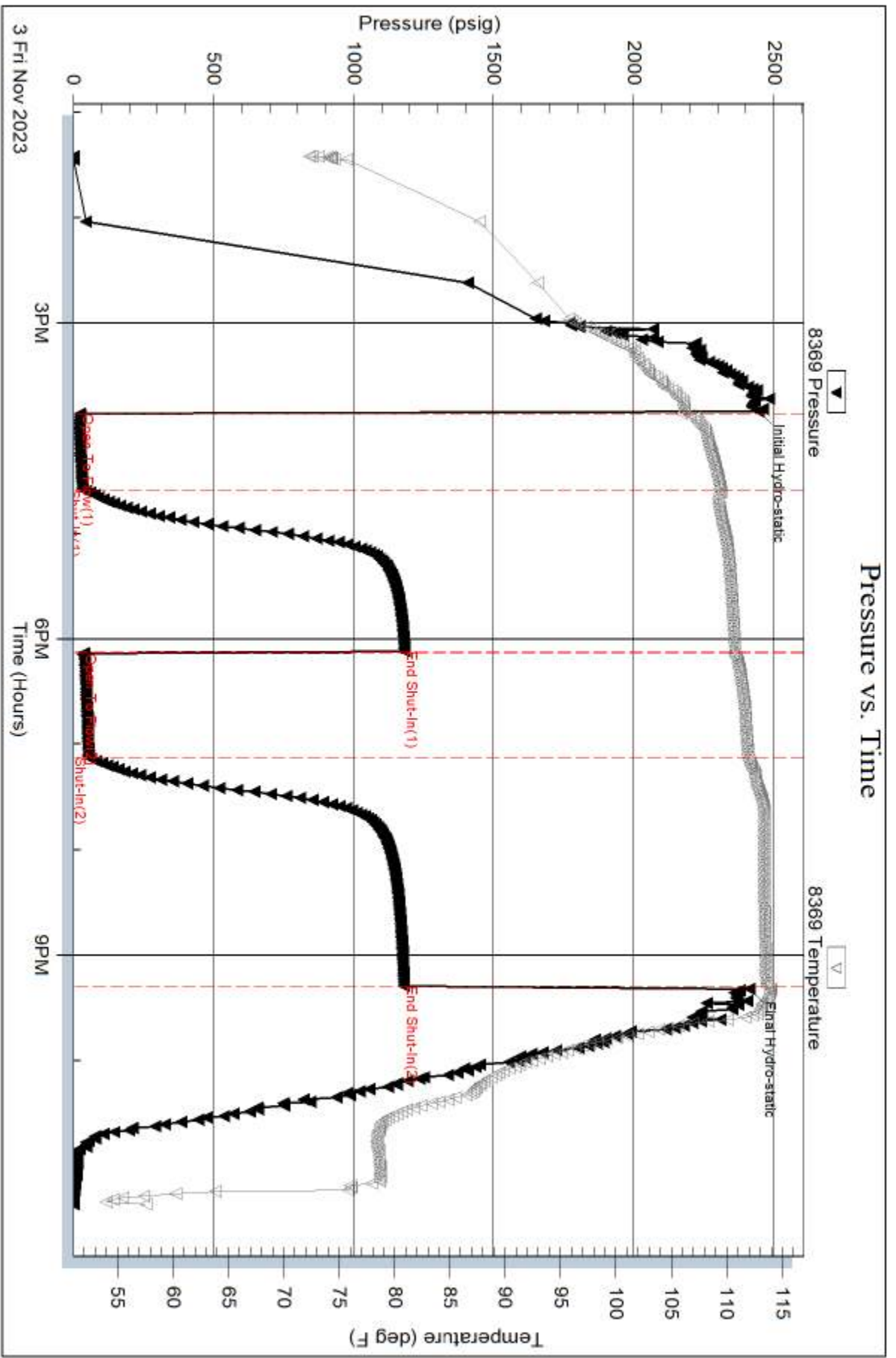
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	3800 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6900.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1953' GIP	0.000
45.00	OGWCM 10%G 15%O 5%W 70%M	0.658
63.00	OWMCG 60%G 25%O 10%W 5%M	0.921

Total Length: 108.00 ft Total Volume: 1.579 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

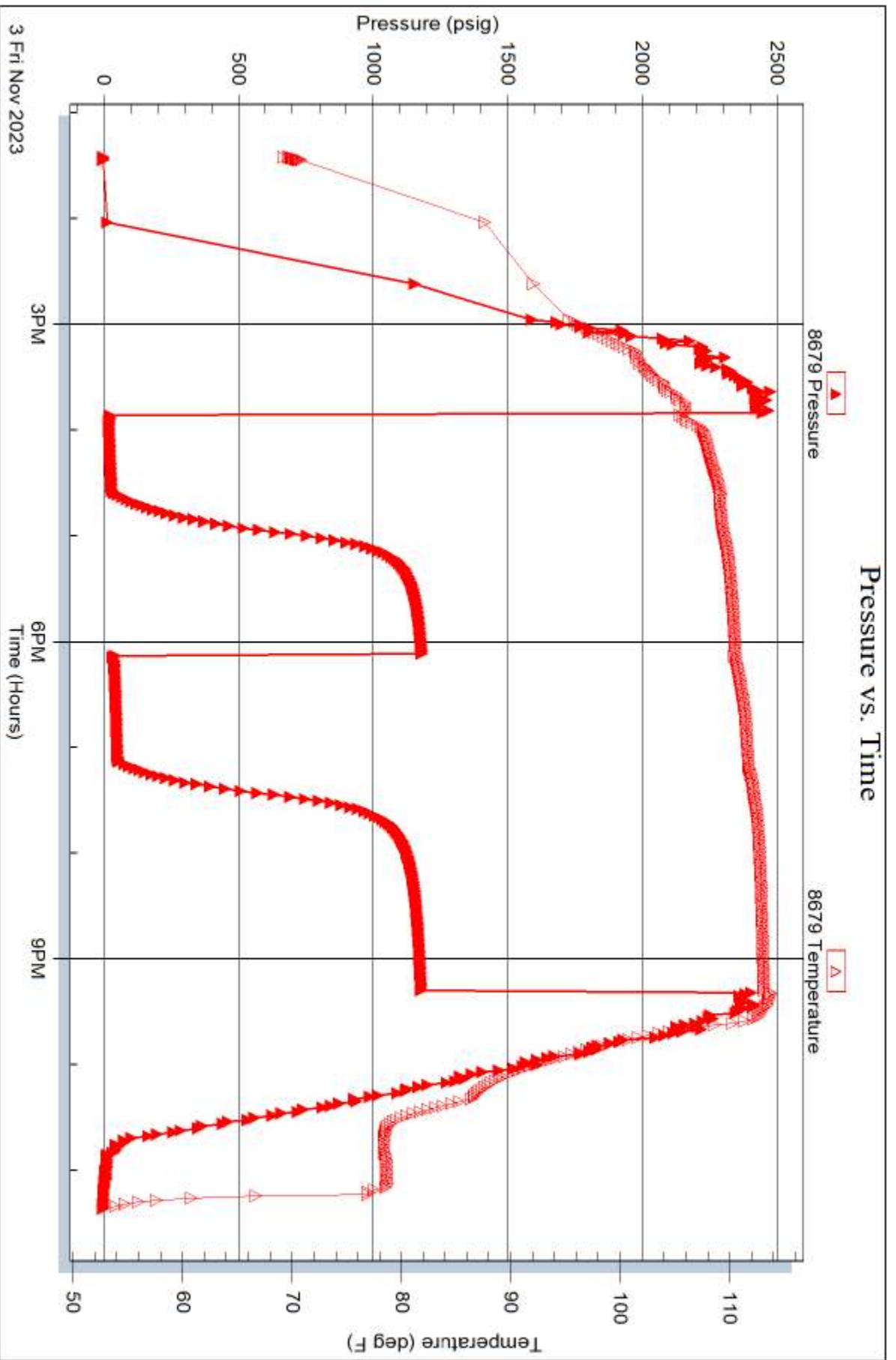


Serial #: 8679

Vincent Oil Corp.

C&D Herrmann 1-5

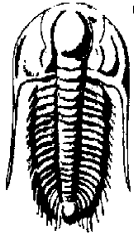
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 71059

Printed: 2023.11.04 @ 11:26:31



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corp.
200 W Douglas Ave. #725
Wichita, Ks 67202
ATTN: Tom Dudgeon

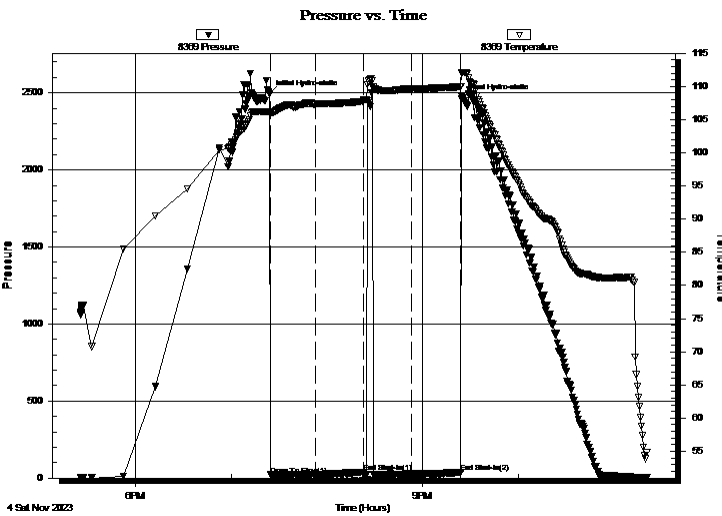
5-29S-23W Ford
C&D Herrmann 1-5
Job Ticket: 71060 **DST#: 2**
Test Start: 2023.11.04 @ 17:25:27

GENERAL INFORMATION:

Formation: **B/Penn- Inola LM**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:24:37
Time Test Ended: 23:20:36
Interval: **5115.00 ft (KB) To 5152.00 ft (KB) (TVD)**
Total Depth: 5152.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Eric Burgess
Unit No: 80
Reference Elevations: 2494.00 ft (KB)
2481.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8369 Outside
Press@RunDepth: 26.99 psig @ 5116.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2023.11.04 End Date: 2023.11.04 Last Calib.: 2023.11.04
Start Time: 17:25:28 End Time: 23:20:37 Time On Btm: 2023.11.04 @ 19:23:57
Time Off Btm: 2023.11.04 @ 21:24:27

TEST COMMENT: IF:Weak Surface Bubbles only. (30)
IS:No Blow Back. (30)
FF:Weak Surface Bubbles that died after 10 mins. (30)
FS:No Blow Back. (30)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2491.26	106.20	Initial Hydro-static
1	21.56	105.79	Open To Flow (1)
29	23.34	107.28	Open To Flow (2)
59	38.06	107.75	End Shut-In(1)
60	25.07	107.82	Open To Flow (3)
90	26.99	109.64	Shut-In(1)
120	35.26	109.94	End Shut-In(2)
121	2460.18	111.99	Final Hydro-static

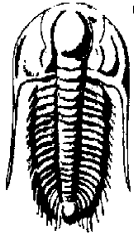
Recovery

Length (ft)	Description	Volume (bbl)
10.00	OSM 100%M	0.15

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 Corp.
200 W Douglas Ave. #725
Wichita, Ks 67202
ATTN: Tom Dudgeon

5-29S-23W Ford
C&D Herrmann 1-5
Job Ticket: 71060 **DST#: 2**
Test Start: 2023.11.04 @ 17:25:27

Mud and Cushion Information

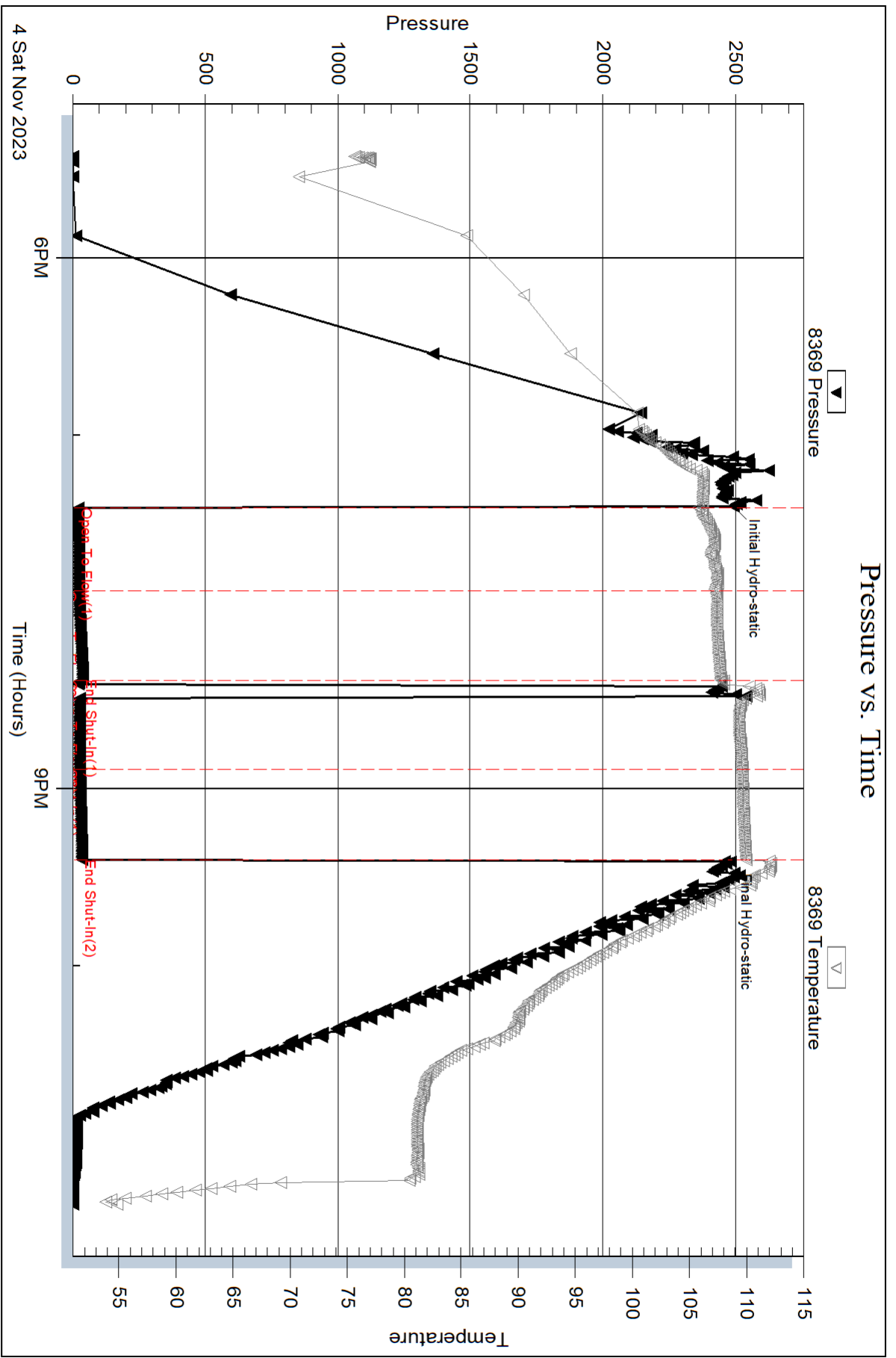
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 0.20 inches			

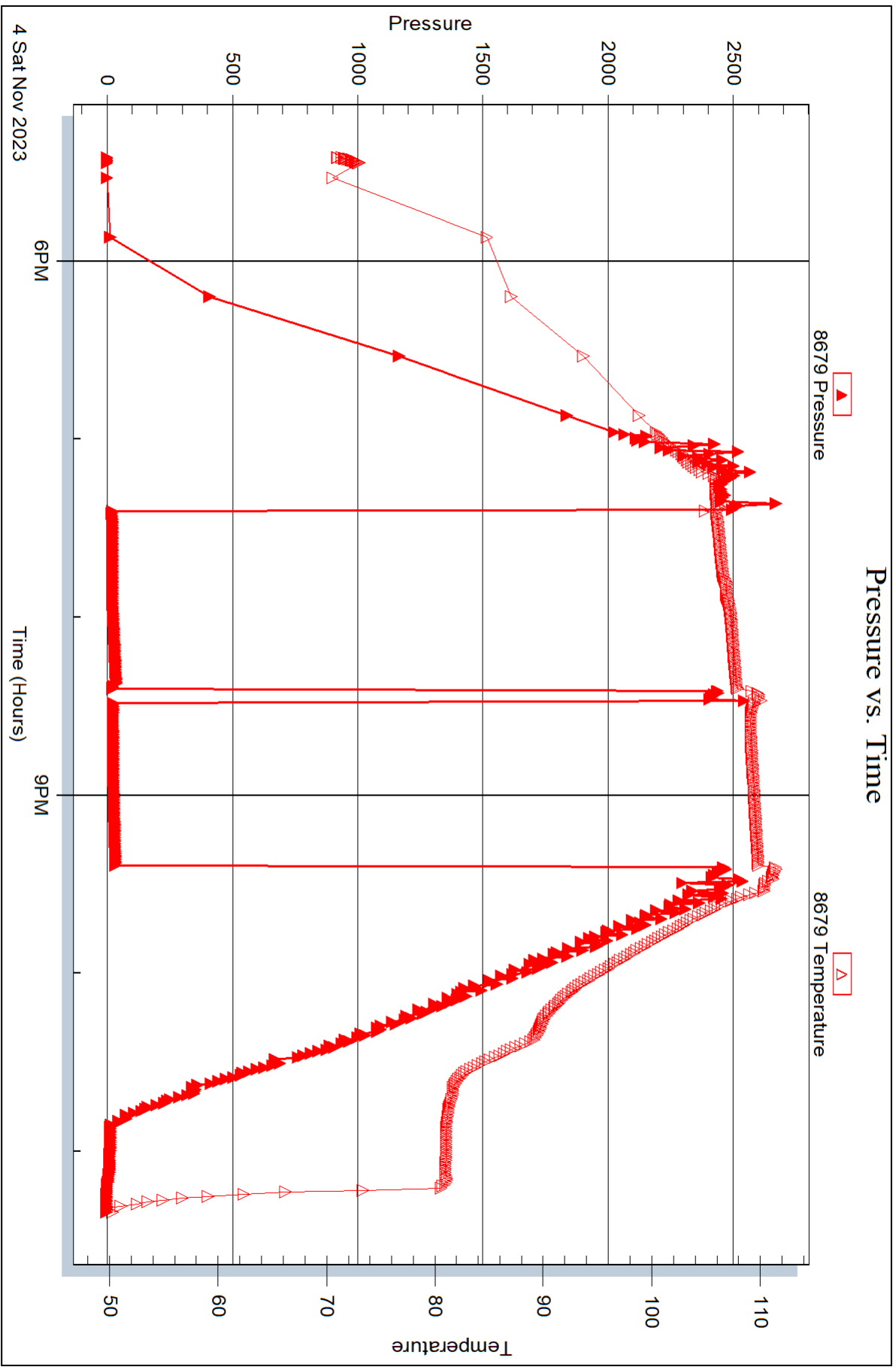
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OSM 100%M	0.146

Total Length: 10.00 ft Total Volume: 0.146 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:







Scale 1:240 Imperial

Well Name: C D HERRMANN #1-5
Surface Location: 2300' FNL 444' FWL 5-29S-23W FORD CO., KS
Bottom Location:
API: 15-057-21098-0000
License Number: 5004
Spud Date: 10/27/2023 Time: 7:00 PM
Region: MIDCON
Drilling Completed: Time:
Surface Coordinates: 37.551849 & -99.867502 NAD27
Bottom Hole Coordinates:
Ground Elevation: 2482.00ft
K.B. Elevation: 2494.00ft
Logged Interval: 4200.00ft To: 0.00ft
Total Depth: 0.00ft
Formation: PAWNEE
Drilling Fluid Type: CHEMICAL MUD

OPERATOR

Company: VINCENT OIL CORPORATION
Address: 200 W DOUGLAS AVE
STE 725
WICHITA, KS 67202
Contact Geologist: TOM DUDGEON
Contact Phone Nbr: 316.262.3573
Well Name: C D HERRMANN #1-5
Location: 2300' FNL 444' FWL 5-29S-23W FORD CO., KS
API: 15-057-21098-0000
Pool: DEVELOPEMENT
State: KS Field: USA
Country: USA

CONTRACTOR

Contractor: DUKE DRILLING CO., INC.
Rig #: 1
Rig Type: MUD ROTARY
Spud Date: 10/27/2023 Time: 7:00 PM
TD Date: Time:
Rig Release: Time:

LOGGED BY

Company: VINCENT OIL CORPORATION
Address:

Phone Nbr: 316.262.3573
Logged By: Geologist Name: TOM DUDGEON

ELEVATIONS

K.B. Elevation: 2494.00ft
 K.B. to Ground: 12.00ft

Ground Elevation: 2482.00ft

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: -99.867502
 Latitude: 37.551849
 N/S Co-ord: 37.551849
 E/W Co-ord: -99.867502 NAD27

TOTAL DEPTH

Measurement Type: Measurement Depth: TVD:
 0.00 0.00

DRILLING FLUID SUMMARY

Type	Date	From Depth	To Depth
CHEMICAL MUD	10/31/2023	0.00ft	0.00ft

CASING SUMMARY

	Surface	Intermediate	Main		
Bit Size	12.25 in		7.88 in		
Hole Size	12.25 in		7.88 in		
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8.63 in	583 ft	23#	14	10/29/2023 9:45 AM
Int Casing					
Prod Casing					

CASING SEQUENCE

Type	Hole Size	Casing Size	At
SURFACE	12.25 in	8.63	583.00 ft
	0.00 in	0.00	0.00 ft

OPEN HOLE LOGS

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

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
	0.00ft	0.00ft	0.00		0









LOGGING OPERATION SUMMARY

Date	From	To	Description Of Operation
10/31/2023	0.00ft	0.00ft	

NOTES

Samples based on Dunhams Classification System
 MS - Mudstone - <10% grains
 WS - Wackestone - >10% grains, mud supported
 PS - Packstone - grainsupported
 GS - Grainstone - lacks mud
 BS - Boundstone - components bound during deposition
 Crystalline - texture not recognizable

ROCK TYPES

	Coal		Lmst fw<7		Ss		Shblk
	Dolsec		Lmst fw>7		Shgy		Shcol

ACCESSORIES

ACCESSORIES

MINERAL

- Argillaceous
- ⊥ Calcareous
- Carbonaceous Flakes
- ▲ Chert, dark
- ∩ Glauconite
- Heavy, dark minerals
- P Pyrite
- Sandy
- Silty
- ∕ Euhed rhombs of dol or c
- △ Chert White

FOSSIL

- ∩ Bioclastic or Fragmental
- ∠ Brachiopod
- ∩ Bryozoa
- ∩ Coral
- Crinoids
- ∩ Foraminifera
- F Fossils < 20%
- ∠ Oolite
- ∩ Bioclast Fragment

TEXTURE

- C Chalky
- CX Cryptocrystalline
- e Earthy
- FX Finexln

OTHER SYMBOLS

POROSITY TYPE

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

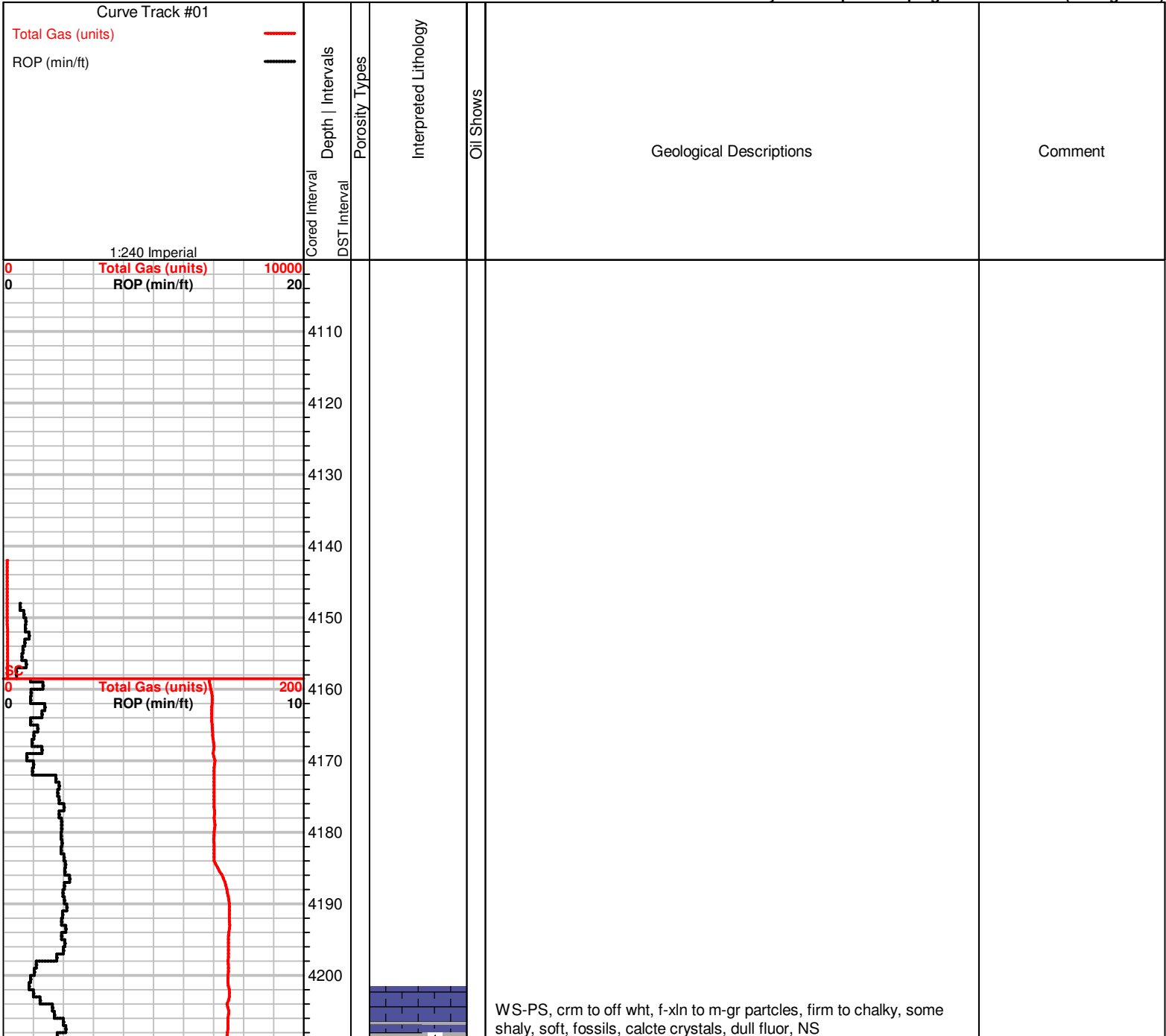
OIL SHOWS

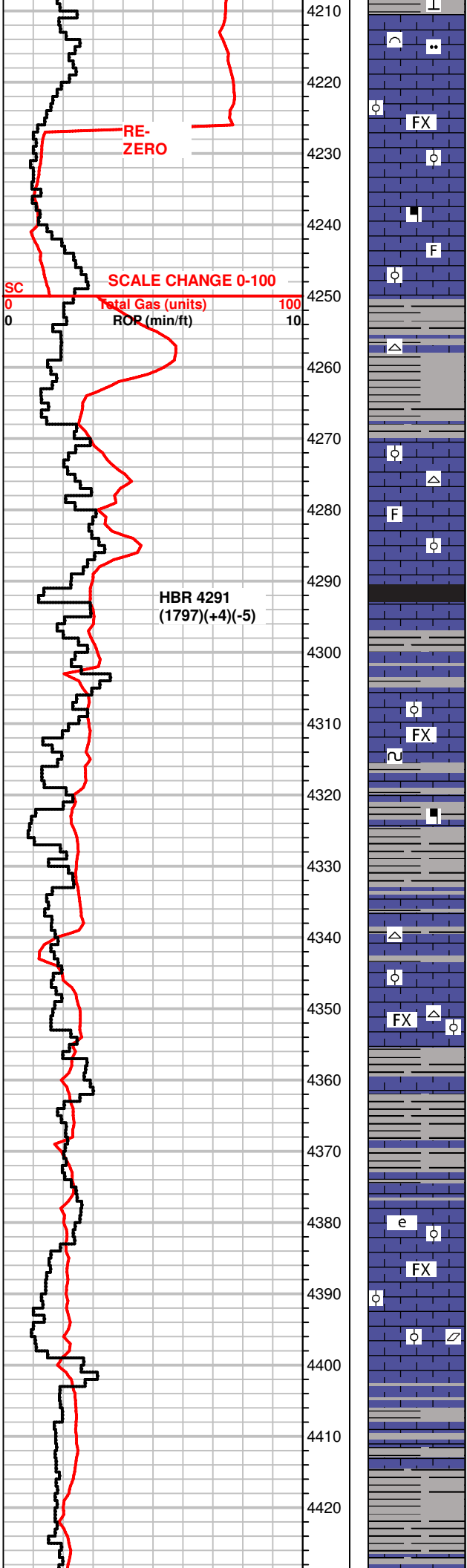
- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

INTERVALS

- Core
- DST

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SH, gray to crm, limey in pt., soft to firm, some dk. gray, blocky pcs rare

SH, gray to dk. green, firm to friable, silty to chalky, some limey pcs, MS-WS, crm to tan, off wht, gray, shaly in pt., chalky, fossilif., sub oolitic, m-gr ooids, wht/ringed ooids in chalky mtrx, NS

influx MS-WS, crm to off wht, some tan, mottled in pt., chalky, soft to friable, rare dense pcs, fossilif pcs scatt, mineral specs, some wormy looking brn veins, dull fluor, NS
Scatt SH, dk brn, grays, limey in pt., firm to friable, silty

PS-WS, crm to off wht, f-xln to co-gr frgmts, chalky in pt., firm to friable, some pcs chalky, fossilif., some Chert, wht
influx SH, blk to dk. grays, gray, silty in pt., some sea green, sandy, firm to soft

SH, blk to grays, carb., silty in pt., some blocky hard, most soft, pyrite crystals
MS-WS, off wht to crm, f-xln to m-gr sub oolitic, elongated/deformed ooids in chalky mtrx, dull fluor, NS

SH, blk, dk. grays, blocky, gassy, silty, pyrite flakes

SH, blk to dk. grays, silty, hard to soft, some pyrite
MS-WS, crm to lt. gray, chalky to f-xln, earthy, frm to soft, fossil frgmts, sandy to shaly in pt., NS

MS-WS, crm to lt. grays, f-xln to massive pcs, gritty txt in pt., earthy pcs, hard to firm, some dense, some chalky, fossilif. to sub oolitic, mineral specs/glauc in tite calc mtrx, dull fluor, NS
some SH, lt gray, silty in pt.,

influx MS, crm to off wht, rare chalky pcs, most massive to f-xln, hard to firm, sub oolitic, scatt fossilif. pcs, rare Chert, wht
some SH, lt gray, fissile

SH, gray to lt. grays, earthy to silty pcs, firm to soft
scatt MS, crm to lt. tan, f-xln to earthy, firm to hard, fossils scatt, chalky in pt., dull fluor, NS

WS-PS, crm to tan, brn, massive to f-xln, some earthy to chalky, hard to firm, some dense, m-gr oolitic in tite calc mtrx, some ringed ooids, dull fluor, NS
SH, gray to brn, red, samples washed red

WS-PS, crm to off wht, some chalky, mostly firm to friable, sandy, some fossils, calcite rhombs rare, scatt SS clusters, f to m-gr, well sorted, sub ang., frosted, limey in pt.
some SH, grays to greenish gray, brn, calc.

influx SH, dk. gray to rare blk, platy to fissile, firm to soft, chalky pcs
MS, crm to tan, f-xln, firm to hard, dense, rare fossils, NS

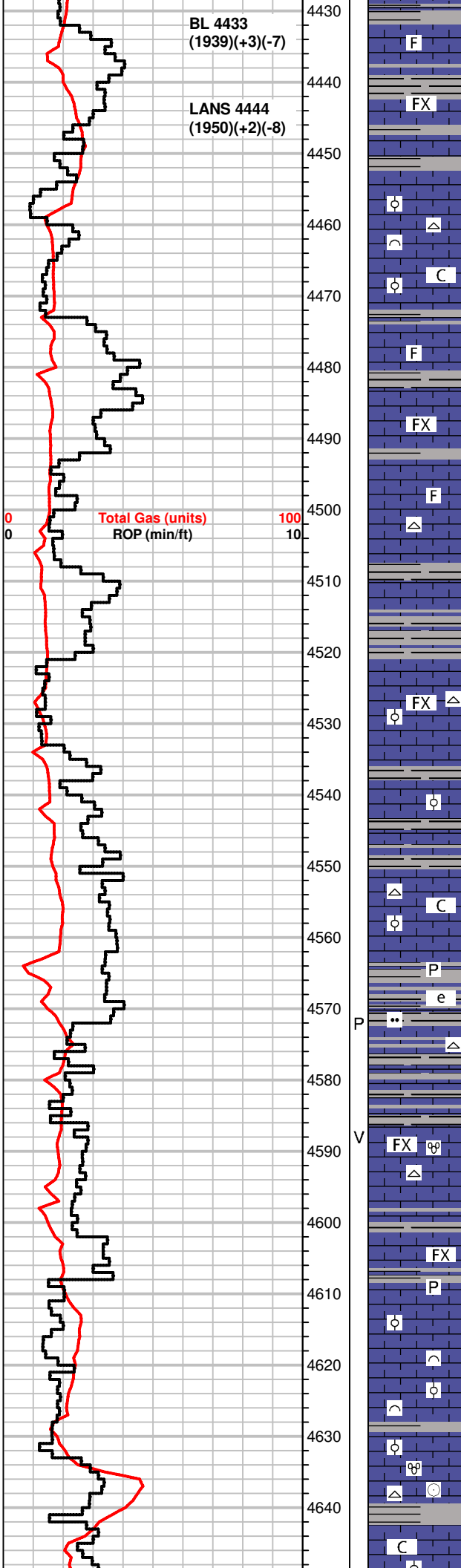
Re-zero Gas Curve

+15 UGK, shales

BL 4433
(1939)(+3)(-7)

LANS 4444
(1950)(+2)(-8)

Total Gas (units)
ROP (min/ft)



MS, crm to tan, rare brn, f-xln to dense, sli. sandy, hard to firm, some pcs chalky, rare fossils, m-gr oolitic, NS
SH, gray to dk gray, v. fn. silty

MS-WS, crm to off wht, f-xn, dense to hard, scatt fossils, dull fluor, NS, some SH, grays, silty to sandy

MS-WS, crm to off wht, lt. grays, f-xln to chalky, some brittle, rare fossils, sub oolitic, friable, dull fluor, NS
SH, grays, lt. gray

MS-WS, crm to tan, some brn, f-xln to massive pcs, some dense, hard to firm, sub oolitic to fossilif., sandy in pt., dull mineral fluor, NS, scatt SH, grays, rare striated/silty pcs

rare SH, blk to dk. gray, calc.
MS, gray, crm to tan, f-xln to earthy, gritty txt, hard to dense, some fossils, most barren, dull fluor, NS, Chert, wht

MS-WS, crm to tan, some lt. gray, f-xln to massive pcs, most gritty to earthy, firm to hard, scatt mottled/silty pcs, fossils scatt, some chalky, Chert, wht
inc in SH, dk. grays to gray,

MS, crm to tan, rare lt. gray, f-xln to earthy, massive to silty pcs, some fossils/ooids, rare pyrite crystals, NS
rare SH, blk to gray, silty pcs

SH, gray to lt. gray, silty, firm to soft, platy pcs, some striated
MS, lt. brn to tan, crm, chalky/earthy to f-xln, rare massive pcs, sub oolitic pcs rare, rare PP por., scatt fossil frgmts, Chert, wht

MS, brn to tan, crm, chalky to f-xln, dense, gritty pcs, fossil frgmts, ooids/fusilinds in dense calc mtrx, dk mineral specs, vuggy por, some SH, dk. grays, platy

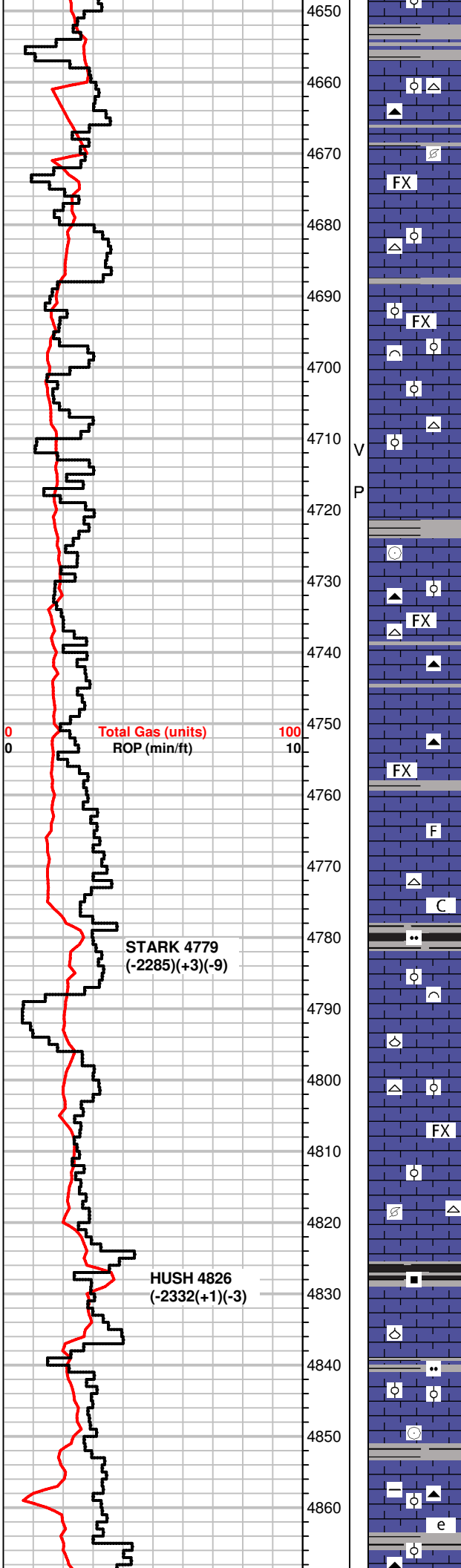
MS-WS, crm to tan, lt. brn, f-xln to earthy, some waxy looking, firm to hard, dense pcs, fossilif., sub oolitic, some pcs sli. chalky, friable, dull fluor, NS, rare SH, grays to greenish gray, vf silty, pyrite

inc in SH, dk. gray to grays, platy to fissile, some pcs silty, MS, tan to lt. brn, f-xln to gritty, hard to dense, fossilif frgmts, vf-gr, scatt mottled pcs w/ m-gr ooids in tite mtrx, dull fluor, NS

MS-WS, crm to tan, lt. gray, f-xln to earthy, some chalky to gritty txt, hard to firm, fossils, crinoid stem sections, Chert, gray to wht, NS
SH, blk to dk. grays, silty to carb.

48
9.3
3#
54 SPM

+15 UGK, shales



SH, dk. gray to grays, rare blk
 MS-WS, scatt PS, crm to tan, brn, f-xln to massive, dense, firm to hard, fossilif frgmnts to fn-gr oolitic, Chert, wht to tan, fossils

MS-WS, crm to tan, brn, f-xln, gritty to chalky in pt, firm to hard, some dense, brittle, sub oolitic, fossil frgmnts scatt, dull fluor, NS, rare Chert wht, scatt SH, gray

WS-PS, crm to tan some brn, m-xln/m-gr fossilif/frgmnts, firm to hard, some dense, sub oolitic, frgmnts of Chert wht, rare SH, blk, gray

MS, some WS, off wht to crm, f-xln to chalky, firm to friable, some dense, rare fossils, shaly, dull fluor, NS, PP to rare vuggy por. some SH, lt to dk. grays, brn, sandy pcs

WS-PS, brn, tan, crm, f-xln to earthy, hard to firm, dense pcs scatt, fn to co-gr fossil frgmnts, oolitic to crinoid sections, calcite rhombs/veins, Chert, wht, gray, brn, opaque, blocky pcs rare SH, grays,

MS, brn to crm, massive to mic-xln, dense, hard, barren to rare fossil frgmnts, scatt chalky pcs, dull fluor, NS, rare Chert, wht

SH, blk to grays, carb., silty pcs scatt
 most of sample s MS-WS, crm to tan, lt. gray, f-xln to earthy, chalky, scatt fossils, rare m-gr oolitic pcs, brachs, rare Chert, wht

MS, crm to off wht, chalky to f-xln, firm to soft, some dense pcs, some pcs sub oolitic, rare Chert wht, rare SH

MS, crm to tan, off wht, f-xln to chalky, dense, fossils scatt, some pcs gray, dense/massive, hard, barren, dull mineral fluor sppty, NS, scatt Chert, wht

SH, blk to gray, carb., gassy pcs, slity

MS-WS, crm to tan, f-xln to massive, some pcs earthy, dense scatt fossils, sub oolitic to f-gr oolitic in tite calc mtrx, rare mottled pcs, some brn to gray, dull fluor, NS
 SH, rare blk to grays, some brn

SH, gray to dk. grays, platy, fissile pcs, some silty in pt
 MS, gray, crm to off wht, some tan, f-xln to chalky, gritty txt, firm to brittle, some dense, sub oolitic to f-gr oolitic in tite calc mtrx, dull fluor, NS

47
 9.3
 1#

Run Premix

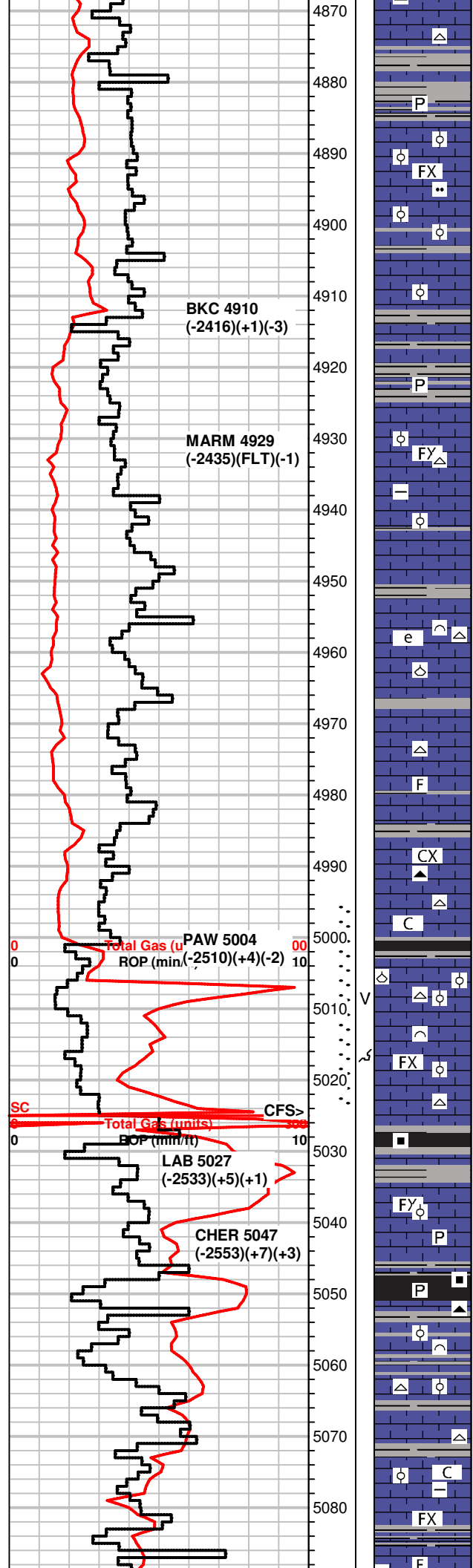
70
 9.15
 1#

+12 UGK, shale gas

Run Premix
 50
 9.2
 1#

+10 UGK

55
 9.2
 2#



SH, blk to gray, some silty, pyrite flakes, MS, crm to brn, gray, massive to mic-xln, hard/dense, scatt fossils, dull fluor, NS

SH, dk. gray to grays, MS-WS, crm to tan, f-xln to chalky, scatt fossilif. frgmnts, rare oolites, dull fluor, NS

SH, gray to blk, platy
MS, crm to gray, f-xln to dense, scatt sub oolitic to fossilif. pcs, NS

MS, crm to gray, some brn, f-xln to massive, dense, hard, rare chalky pcs, scatt fossils, most barren, mottled, SH, gray to blk, red, some green

Gummy/Sticky Sample, SH, blk to grays, pyrite, MS, crm to gray, f-xln to chalky in pt., hard, some shaly, scatt fossils, NS,

MS-WS, off wht to crm, f-xln to massive, dense, firm to hard, chalky to m-gr ringed ooids in dense mtrx, Chert, wht, SH, gray to brn

MS-WS, crm to off wht, f-xln to massive, dense to hard, some friable, m-gr oolitic pcs A.A., scatt fossil frgmnts, dull fluor, NS
SH, grays to blk. platy

MS, crm to tan, gray, f-xln to massive, dense, hard to firm, scatt fossils, shaly looking, barren in most pcs, rare Chert, wht
SH, grays, limey, hard

MS-WS, crm to tan, f-xln, massive to earthy, some m-gr oolitic to sub oolitic, some pcs fossilif., coral/brach frgmnts, most hard/dense, dull fluor, NS, SH, grays, some brn

MS, crm to gray, hard, dense, massive to earthy txt, barren, rare fossils, dull fluor, NS, scatt SH, gray to blk

MS-WS, crm to brn, tan, lt. gray pcs rare, f-xln to massive, dense to hard, some firm, chalky in pt, fossilif to m-gr oolitic in tite calc mtrx, dull fluor, NS, scatt SH, grays, silty to pyrite

MS-WS, crm to tan, brn, f-xln to massive, dense, A.A., scatt pcs w/ m-gr oolities in dense mtrx, Chert, brn

MS-WS, crm to tan, gray, f-xln to massive, earthy, hard/dense, some fossilif pcs, scatt chalky pcs, scatt Chert wht, smoky gray to wht, SH, blk, to grays, rare green, carb to rare gassy pcs.

WS-MS, crm to off wht, tan, f-xln to m-xln, chalky in pt., firm to friable, some dense, fossilif/bioclastic frgmnts, good odor, spotty bri. fluor, partial stn wet, live fn oil droplets in tray and clinging to por., streaming cut on break, good vuggy to moldic por., partial to lt. spty stn dry

WS-MS, crm to tan, chalky to f-xln, massive pcs, dense to friable, scatt fossils/sub oolitic pcs, firm, some pcs mottled rare chalky, NS
Chert wht

SH, blk to gray, green, silty pcs, carb, gassy
MS-WS, brn to crm, f-xln, chalky, friable to firm, some fossils, rare m-gr oolitic pcs, pyrite, dull fluor, NS

MS, crm to gray, f-xln to earthy/chalky, hard to firm, some fossils, argillaceous, barren, NS, carrying SH, blk, gassy

SH, blk, scatt, carb., rare gassy, MS, influx crm, some brn, f-xln to massive, hard to firm, chalky in pt., most dense, shaly in pt., fossils rare, Chert, brn, NS

SH, blk, carb, gassy, WS-PS, crm to brn, f-xln to msasive, hdense to firm, m-gr oolitic, ringed ooids in tite chalky mtrx, mneral fluor, NS, some Chert, oolitic, wht w/ tan ooids

SH, blk to grays, limey in pt., hard
MS-WS, rare PS, crm to tan, gray rare brn, f-xln to massive, dense, some friable, chalky to shaly, m-gr oolitic to sub oolitic, scatt fossilif pcs, some barren, dull fluor, NS

WS-MS, brn, crm, gray, f-xln to massive, chalky in pt., hard to dense, mottled pcs, fossils scatt, sub oolitic, some dk. mineral specs, SH, blk to gray, brn, sea green, some sandy in pt.

Short Trip 20 stands tight on 2 stands, worked heavily

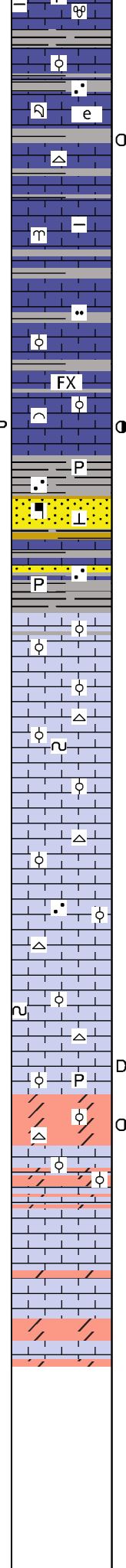
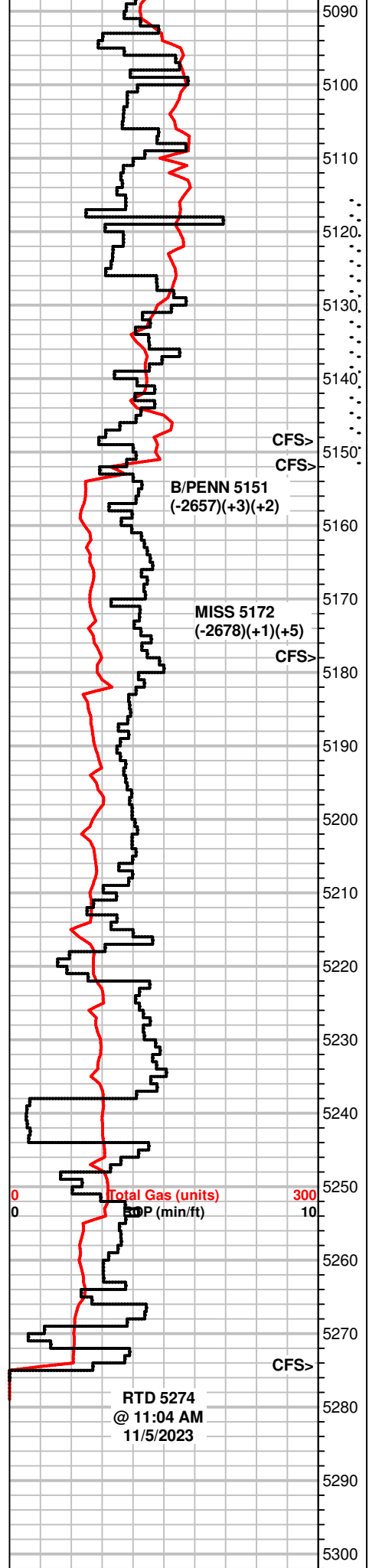
55
9.2
3#
DST #1 4995-5024
45-90-60-120
SB blt to 37"
NBB
SB blt to 102"
NBB
1953' GIP
Rec: 108' TF
45' OGWCM
(10g,15o,5w70m)
65' OWMCG
(60g,25o,10w,5m)
IH 2444#
IF 24-33#
ISIP 1180#
FF 34-55#
FSIP 1179#
FH 2413#
Temp 113°F
API Rw 1.9 @ 59°F
Cl 3,800 ppm

55
9.3
4#
+15 UGK, shale gas
+75 UGK, w/ 35 UGK recycle

56
9.3
4#

PIPE STRAP 1.27' SHORT

60
9.2
3#



SH, blk to gray, brn, hard, some silty pcs, sli. sandy, MS-WS, crm to brn, gray, f-xln to dense, massive pcs, some sli. shaly, hard, rare fossils, dull fluor, NS

MS-WS, brn to crm, gray, A.A., hard, scatt fossils, sandy in pt, NS SH, gray to blk, brn, sandy to silty, hard

MS, scatt WS, crm to tan, brn, f-xln to massive, hard to dense, some brittle, sub oolitic pcs rare, rare fossils, barren to rare sply bri fluor(2 pcs), strmg cut on brk

some SH, gray to blk, sandy/mineral inclusions
MS, crm to lt. brn, tan, scatt gray, f-xln to earthy, dense, hard, rare mottled pcs, scatt fossils, barren, dull fluor, NS, rare Chert, wht

MS-WS, crm to tan, some brn, f-xln to massive, some mottled pcs, hard to dense, rare chalky pcs, sub oolitic, fossils scatt, dull fluor NS, some SH, blk to grays

MS, crm to gray, brn, f-xln to earthy, hard/dense to brittle, sub oolitic, to fossilif. bioclastic pcs, rare calcite, fair/flash odor in bag, sply to even bri fluor, partial stn wet, inst cut scatt, co to fr-live oil drops, even stn dry, rare PP por.

SH, blk, dk. to lt. gray, some green, silty to sandy in pt. pyrite, rare SS clusters, brn to gray, m-gr, well strtd, sub ang, firm to hard, mineral inclusions

SH, dk. gray to gray, varicolored, sandy to silty pcs, SS clusters, opaque to greenish, f to m-gr, hard/friable, well strtd, sub ang, glauc, calcitic, NS, MS, crm to tan, f-xln to massive, dense, hard, dull fluor

WS-PS, off wht to crm, f-xln to massive, hard to firm, sub oolitic to m&co-gr oolitic, chalky mtrx in pt, some waxy looking, glauc specs rare, dull fluor, NS, some Chert, wht,

WS-PS, off wht to crm, f-xln to massive txt, hard to dense pcs, some pcs chalky, m to co-gr oolitic in tite calc mtrx, rare calcite/glauc, dull fluor, NS, rare Chert, wht

WS-PS, crm to off wht, f-xln to earthy in pt., some pcs chalky, m-gr oolitic to sub oolitic, rare glauc specs, some Chert wht, NS

WS-MS, crm to off wht, f-xln to massive, hard/frim, sub oolitic, lesser m-gr oolitic pcs, chalky pcs rare, scatt Chert, wht to bone wht, NS, carrying SH, dk. gray to grays,

inc. in SH, grays to blk, sandy??
MS-WS, some pcs dolomitic, crm to tan, some brn, f-xln to massive, earthy in pt., chalky, hard to firm, sactt oolitic pcs, barren, rare glauc, NS, Chert, wht to tan

MS-WS, crm to off wht, tan, f-xln to massive, chalky, firm to friable, barren to sub oolitic, scatt pyrite, dead wormy asphaltic stn, no cut, faint to flash odor in bag, Chert wht, oolitic

Dolo, crm to lt. tan, f-xln, sucrosic txt, firm to hard, some friable/soft, good odor in bag, mineral fluor to v. sply bri fluor, 2 pcs w/ sply stn, 1 pc cut on break, rare live oil drops

WS-PS, off wht to crm, some dolomitic, chalky to f-xln, friable, some hard/dense, m-gr oolitic to sub oolitic, scatt Chert, wht, carrying a lot of SH, gray to green, blk, red

WS-MS, crm to off wht, dolomitic, lt. tan, to crm, f-xln to chalky, firm to hard, sub oolitic, rare glauc specs, dull fluor, NS

Dolo, crm to tan, f-xln to m-sucrosic txt, firm to friable, vf-gr oolitic/gritty in pt., WS-PS, crm to off wht, f-xln to chalky, fn to m-gr oolitic in chalky/tite mtrx, rare glauc, Chert, wht

DS T#2 5115 5152
30-30-30-30
WB surf blow
NBB
WB surf blow died @
10", flushed tool
NBB
Rec: 10' OSM
IH 2491#
IF 22-23#
ISIP 38#
FF 25-27#
FSIP 35#
FH 2460#
Temp 112°F

59
9.25
2#
6,000 CI
7.2 Fit

53
9.2
2#
CL 5,100 ppm
8.4 Fit

