

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) (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	SANDYLAND 3-27
Doc ID	1482815

All Electric Logs Run

Dual Induction
Density-Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	SANDYLAND 3-27
Doc ID	1482815

Tops

Name	Top	Datum
Heebner Shale	4327	(-1799)
Brown Limestone	4464	(-1936)
Lansing	4476	(-1948)
Stark Shale	4810	(-2282)
Pawnee	5019	(-2491)
Cherokee Shale	5065	(-2537)
Base Penn Limestone	5161	(-2633)
Mississippian	5182	(-2654)
RTD	5320	(-2792)

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	SANDYLAND 3-27
Doc ID	1482815

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	5020	5031			
4	5191	5210			
4	5223	5242			Isolated perfs 5223' to 5242', treated with 500 gal 15% MCA
					Isolated perfs 5191' to 5210. treated with 500 gal 15% MCA
					Isolated perfs 5020' to 5031' treated with 15% MCA, swabbed all perfs, recovered 32 bbl of load with GSO, SDFN
					Well flowed 2.32 bbl/ hr 50% Oil, Killed well with 20 bbl KCL, recovered tubing and packer.

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	SANDYLAND 3-27
Doc ID	1482815

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
					Ran tubing to 5295' with strong blow on tubing & casing, killed well again with 10 bbl KCl
					Ran DHP and rods, set surface equipment and turned to production 8/31/19



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1004433	1718	07/31/2019
INVOICE NUMBER			
93020975			

Pratt (620) 672-1201
 B VINCENT OIL CORPORATION
 I 200 WEST DOUGLAS STE 725
 L WICHITA
 L KS US 67202
 T
 O ATTN: BRYAN HILLS

J LEASE NAME SANDY LANE 3-27
 O LOCATION
 B COUNTY FORD
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41185294			Net - 30 days	08/30/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 07/30/2019 to 07/30/2019				
0041185294				
171818157A Cement-New Well Casing/Pi 07/30/2019				
<u>SURFACE CASING</u>				
A-Serv Lite	180.00	SK	7.80	1,404.00 T
100 Class A Cement	1.00	SK	697.50	697.50 T
Calcium Chloride	753.00	LB	0.30	225.90 T
Cement Gel	188.00	LB	0.15	28.20 T
Celloflake	70.00	LB	4.00	280.00 T
Top Rubber Cement Plug, 8 5/8"	1.00	EA	105.75	105.75
Baffle Plate Aluminum, 8 5/8" (Blue)	1.00	EA	79.90	79.90
Light Vehicle Mileage	55.00	MI	1.50	82.50
Heavy Equipment Mileage	110.00	MI	2.40	264.00
Depth Charge, 0'-1000'	1.00	HR	360.00	360.00
Blending & Mixing Service Charge	280.00	SK	0.42	117.60
Ton Mileage	680.00	MI	0.90	612.00
Plug Container Utilization Charge	1.00	EA	75.00	75.00
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	3.00	EA	35.00	105.00

199-500

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	4,512.35
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	201.62
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	4,713.97
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

BASIC

energy services, L.P.

TREATMENT REPORT

Customer VINCENT 214		Lease No.		Date 7-30-2017	
Lease SANDY CREEK		Well # 3-27			
Field Order # 1037	Station 1200	Casing 2 5/8"	Depth 1047	County FORD	State KS
Type Job 560 S.P.			Formation	Legal Description 27-283-23W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft			RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative MIKE HODDGE	Station Manager J.L. PSTERMAN	Treater K. LESLEY
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Service Units	1037 3300 1037 1710 2100							
Driver Names	LESLEY, KYLE	R.H. JAY	PIERCE					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:15 AM					ON LOCATION - SAFETY MEETING
4:30 AM					RUN 15 STS. E 5/8" x 2 3/4" CSA.
5:30 AM					BAFFLE PLATE - TOP OF SHOE JT.
5:30 AM					CSG. ON BOTTOM/BREAK CIRC. W/ R/V
6:00 AM	150		5	5	H2O AHEAD
6:30 AM	150		104	5	MIX 100 SWS A-SERVULITE @ 12.5 PPM
7:00 AM	150		24	5	MIX 100 SWS COMMON @ 14.7 PPM
7:30 AM					SHUT DOWN - DROP T.R. PLUG
8:00 AM			0	5	START DISPLAYMENT
8:30 AM	150		30	3	SLOW RATE
9:00 AM	150		383.5	2	PLUG DOWN
					CLOSE W. CO HEADS
					CIRC. THRU JOB
					CIRC. 10 BBL TO PIT
					JOB COMPLETE
					THANKS -
					KEVIN LESLEY

QUALITY WELL SERVICE, INC.

7193

Federal Tax I.D. # 481187368

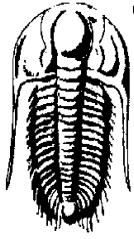
Home Office 30060 N. Hwy 281, Pratt, KS 67124

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	Sec.	Twp.	Range	County	State	On Location	Finish
8-10-19	27	28	23	Fred	Ks		
Lease SANDIANO	Well No. 3-27	Location Kingsdown Ks N to Wibben Rd					
Contractor DUKE OILS Rig #1	Owner W 70 121 ^{1/2} 1/2 N E into			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.			
Type Job 4 1/2 L.S.	Hole Size 7 7/8			T.D. 5320	Charge To Vincent Oil Corp		
Csg. 4 1/2 11.6"	Tbg. Size			Depth 5319	Street		
Tool	Depth			City State			
Cement Left in Csg.	Shoe Joint 1020			The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line	Displace 3233			Cement Amount Ordered 225# Pro C 2 1/2 GEL			
EQUIPMENT				10' SALT 5 1/2" KOLSEAL .8 1/2 C 16A 1/4" PS			
Pumptrk 3 No.	Common 225# Pro C						
Bulktrk 10 No.	Poz. Mix						
Bulktrk No.	Gel. 423#						
Pickup No.	Calcium						
JOB SERVICES & REMARKS				Hulls			
Rat Hole 30#	Salt 1239#						
Mouse Hole 20#	Flowseal						
Centralizers 1-3-5-7-9-11	Kol-Seal 1125#						
Baskets	Mud CLR 48 500 GAL						
D/V or Port Collar	CFL-117 or CD110 CAF 38 C-16A 148"						
Rn 124 3 4 1/2 11.6" Csg. set @ 5319	Sand						
START Csg. Csg. on Bottom To C. Bottom	Handling 230						
Add to csg. 1 Boreline csg. w/ Pumptrk	Mileage 60						
DROP C. Csg. w/ Pumptrk	4 1/2 FLOAT EQUIPMENT						
START Pumptrk Pumptrk	Guide Shoe 1 EA						
10 1/2 H ² 12 CH. MF 10 B ¹ 11 C ²	Centralizer 6 EA						
Plug R-M Holes 50#	Baskets						
START Mix! Pump 175# Down Csg. 19.8 1/4"	AFU Inserts 1 EA						
START DOWN Wash. optk Release TOP 2. b ¹ 1/2"	LATCH DOWN TOP Rubber Plug 1 EA						
START D.C. 2 1/2 KCL	LATCH DOWN HEAD manifold 1 EA						
L ¹ PS. 69.58 out 700"	SERVICE S ¹ 1 EA						
Plug down 32.33 1100"	LMV 60'						
PS. 100' out 1600"	Pumptrk Charge LS						
Release HEAD 14 3/4 13K	Mileage 120						
Good csg. thru 1000'	Tax						
Thank you! Please call 2nd time	Discount						
Signature [Signature]	Total Charge						



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

27-28s-23w Ford Co. Ks.

200 W Dougls Ave. #725 Wichita, Ks. 67202

Sandyland 3-27

Job Ticket: 64936

DST#: 1

ATTN: Jim Hall

Test Start: 2019.08.05 @ 18:25:08

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:

4300 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4300.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
64.00	GMWCO 59%g 3%m 8%w 30%o	0.898
64.00	GMWCO 5%g 2%m 7%w 86%o	0.898
45.00	GSOCM 24%g 3%o 73%m	0.631
0.00	G.I.P 100%g	0.000

Total Length: 173.00 ft

Total Volume: 2.427 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: 4,841 FT of G.I.P.

Gravity 39 @ 72 Degrees Corrected to 37.8 @ 60 Degrees.

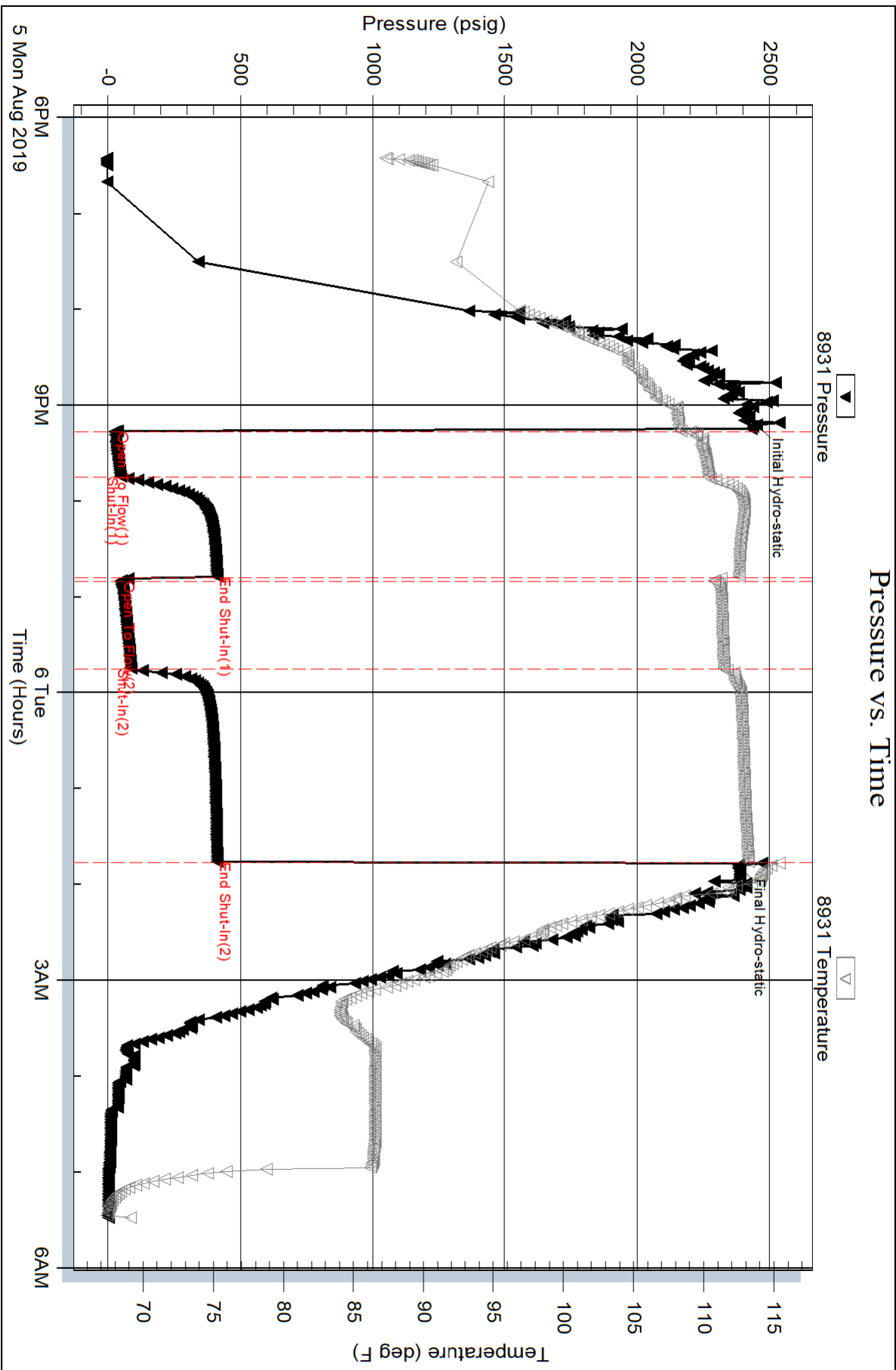
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Inside

Vincent Oil Corp.

Sandyland 3-27

DST Test Number: 1

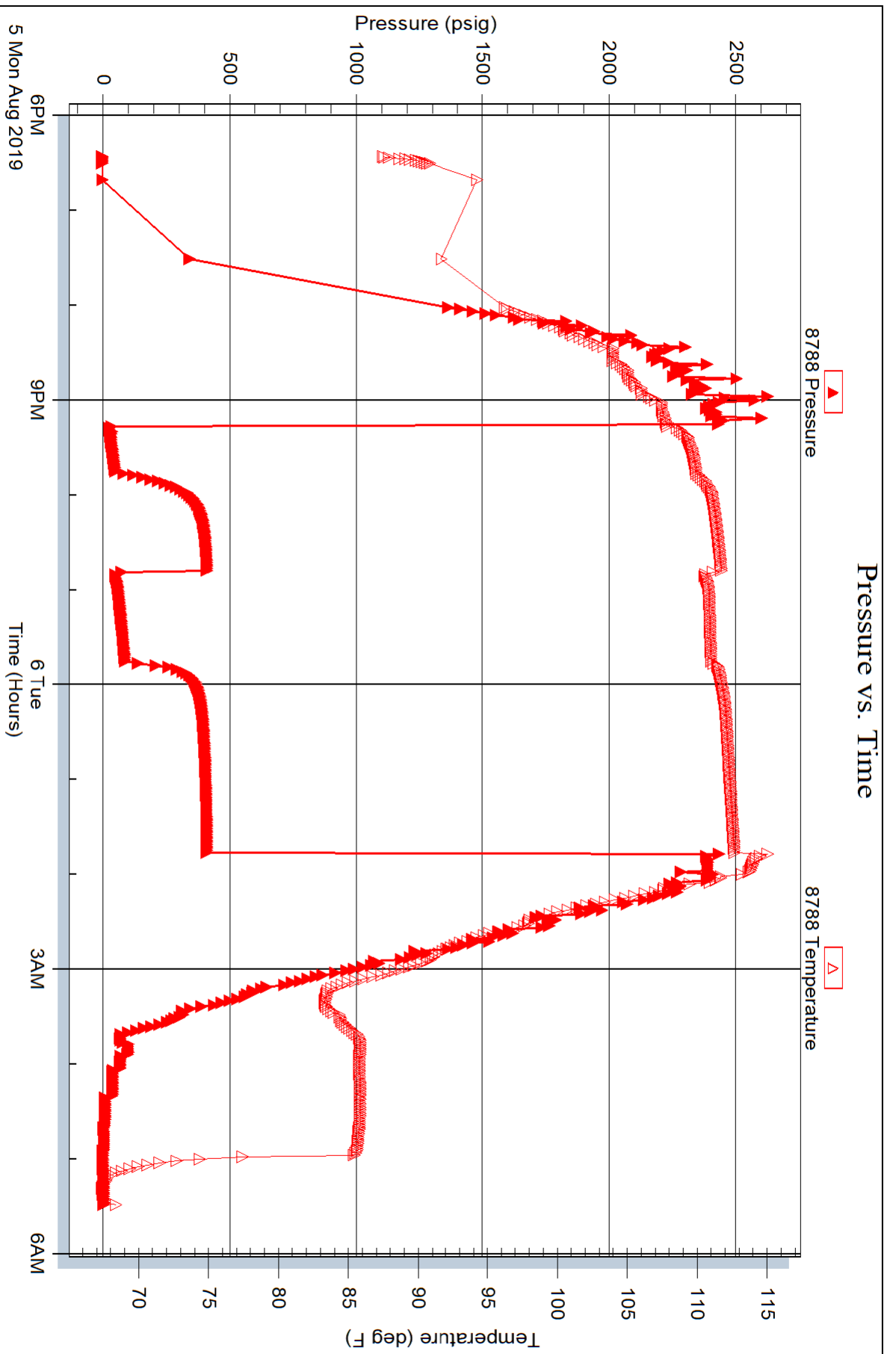


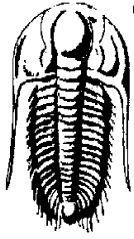
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Outside Vincent Oil Corp.

Sandyland 3-27

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

27-28s-23w Ford Co. Ks.

200 W Dougls Ave. #725 Wichita, Ks. 67202

Sandyland 3-27

Job Ticket: 64937

DST#: 2

ATTN: Jim Hall

Test Start: 2019.08.07 @ 04:29:46

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:

6400 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
50.00	GM 2%g 98%m	0.701
0.00	G.I.P. 100%g 3,641'	0.000

Total Length: 50.00 ft Total Volume: 0.701 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: 3,641 Ft G.I.P.

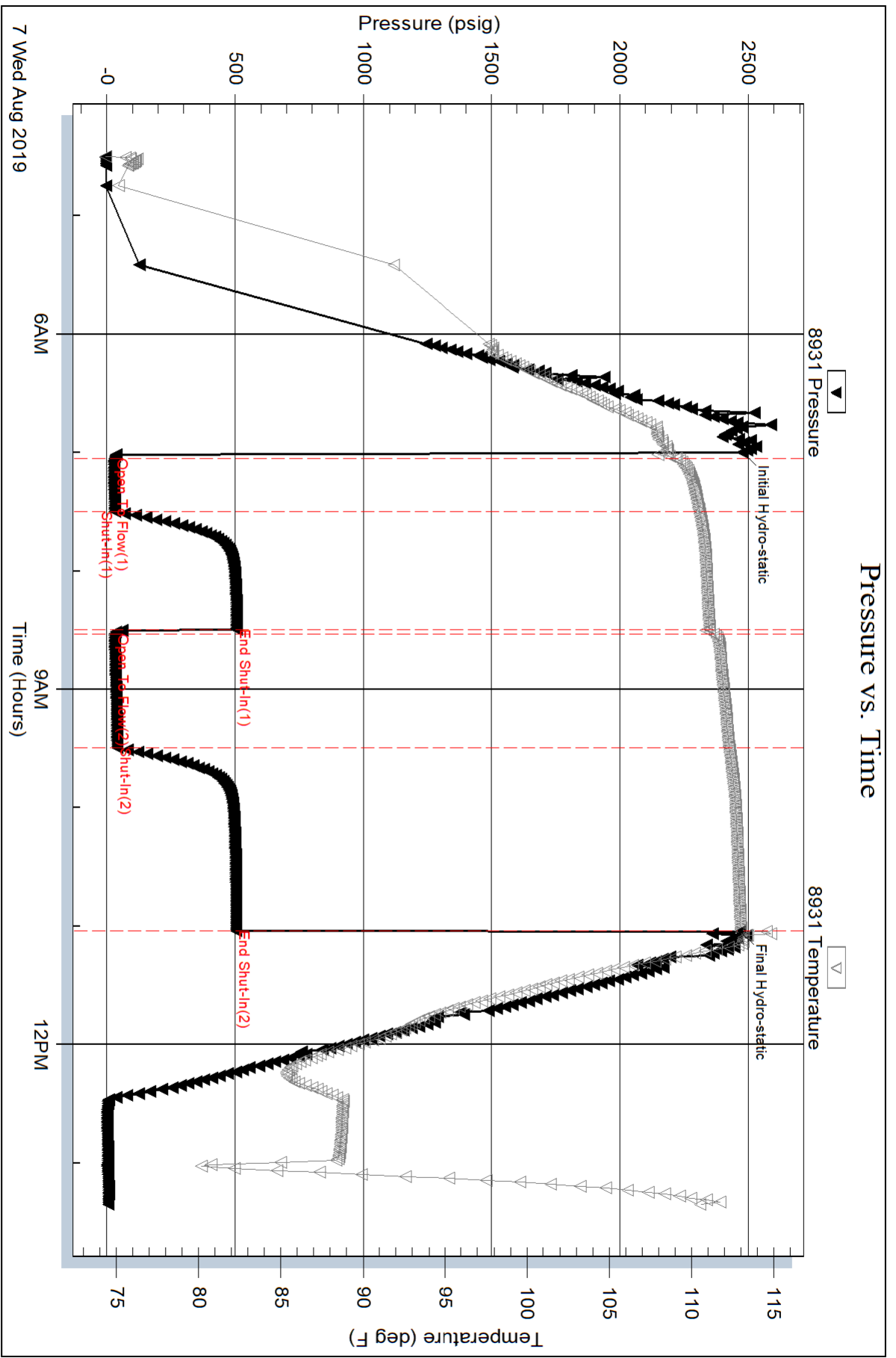
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Inside

Vincent Oil Corp.

Sandyland 3-27

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 64937

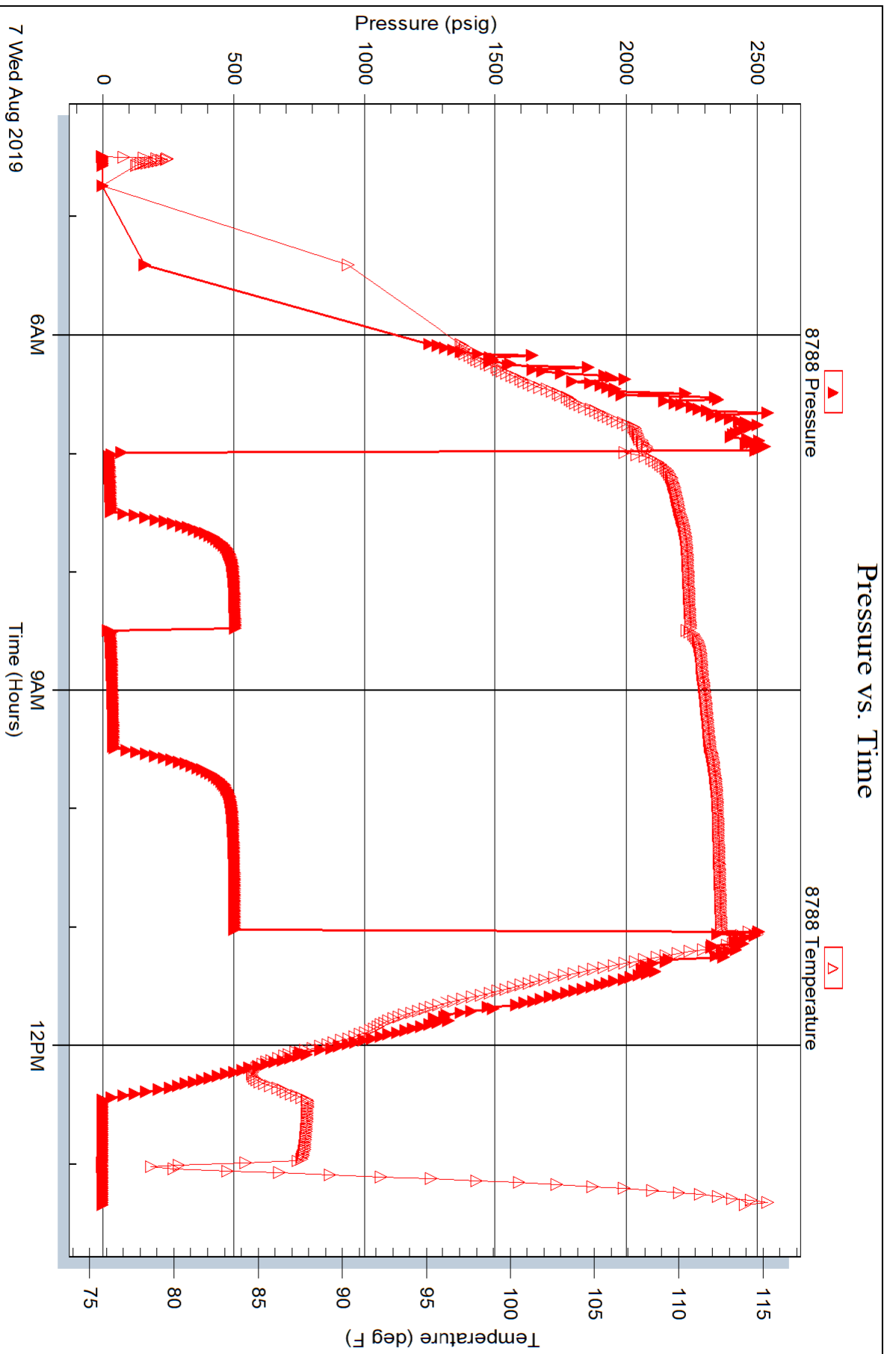
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Serial #: 8788

Outside Vincent Oil Corp.

Sandyland 3-27

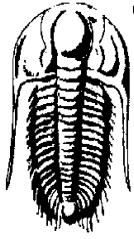
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 64937

Printed: 2019.08.07 @ 14:33:58



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corp.
 200 W Dougls Ave. #725 Wichita, Ks. 67202
 ATTN: Jim Hall

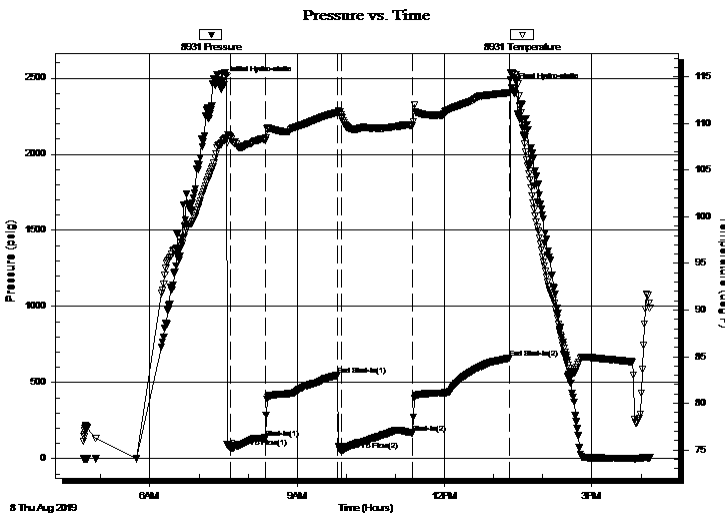
27-28s-23w Ford Co. Ks.
Sandyland 3-27
 Job Ticket: 64938 **DST#: 3**
 Test Start: 2019.08.08 @ 04:39:02

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:38:32
 Time Test Ended: 16:11:32
 Interval: **5199.00 ft (KB) To 5236.00 ft (KB) (TVD)**
 Total Depth: 5236.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 68
 Reference Elevations: 2528.00 ft (KB)
 2516.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8931 Inside
 Press@RunDepth: 167.39 psig @ 5200.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.08.08 End Date: 2019.08.08 Last Calib.: 2019.08.08
 Start Time: 04:39:07 End Time: 16:11:32 Time On Btm: 2019.08.08 @ 07:29:32
 Time Off Btm: 2019.08.08 @ 13:22:02

TEST COMMENT: IF: Strong Blow . B.O.B. in 30 sec. Built to 816.54". G.T.S. in 32 mins. Gauged gas and sample.
 IS: Weak Blow . Built to 1/4".
 FF: Stong Blow . B.O.B. & G.T.S., immediately. Built to 127.05" w hile Gauging gas. and sample.
 FS: Weak Blow . Built to 1/8 to 1/4".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2482.89	108.14	Initial Hydro-static
9	72.36	108.48	Open To Flow (1)
52	136.53	108.23	Shut-In(1)
140	547.16	111.20	End Shut-In(1)
145	54.14	110.70	Open To Flow (2)
231	167.39	109.79	Shut-In(2)
350	660.19	113.31	End Shut-In(2)
353	2434.64	115.48	Final Hydro-static

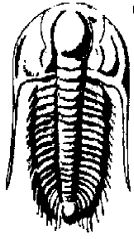
Recovery

Length (ft)	Description	Volume (bbl)
64.00	GOSM 15%g 85%m	0.90
31.00	GOSM 3%g 97%m	0.43
0.00	G.I.P. 100%g	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	92.03	168.84
Last Gas Rate	0.25	102.16	184.91
Max. Gas Rate	0.13	119.68	50.18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

27-28s-23w Ford Co. Ks.

200 W Dougls Ave. #725 Wichita, Ks. 67202

Sandyland 3-27

Job Ticket: 64938

DST#: 3

ATTN: Jim Hall

Test Start: 2019.08.08 @ 04:39:02

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:

83000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8300.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
64.00	GOSM 15%g 85%m	0.898
31.00	GOSM 3%g 97%m	0.435
0.00	G.I.P. 100%g	0.000

Total Length: 95.00 ft Total Volume: 1.333 bbl

Num Fluid Samples: 2

Num Gas Bombs: 0

Serial #: Mas Pratt

Laboratory Name:

Laboratory Location:

Recovery Comments: 5,108 FT of G.I.P.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corp.

27-28s-23w Ford Co. Ks.

200 W Dougls Ave. #725 Wichita, Ks. 67202

Sandyland 3-27

ATTN: Jim Hall

Job Ticket: 64938

DST#: 3

Test Start: 2019.08.08 @ 04:39:02

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	35	0.25	92.03	168.84
1	40	0.25	92.78	170.03
1	45	0.25	93.16	170.63
2	20	0.13	28.98	16.24
2	30	0.13	45.94	22.58
2	40	0.13	64.48	29.52
2	50	0.13	83.46	36.63
2	60	0.13	101.20	43.27
2	70	0.13	119.68	50.18
2	80	0.25	115.84	206.61
2	90	0.25	102.16	184.91

Serial #: 8931

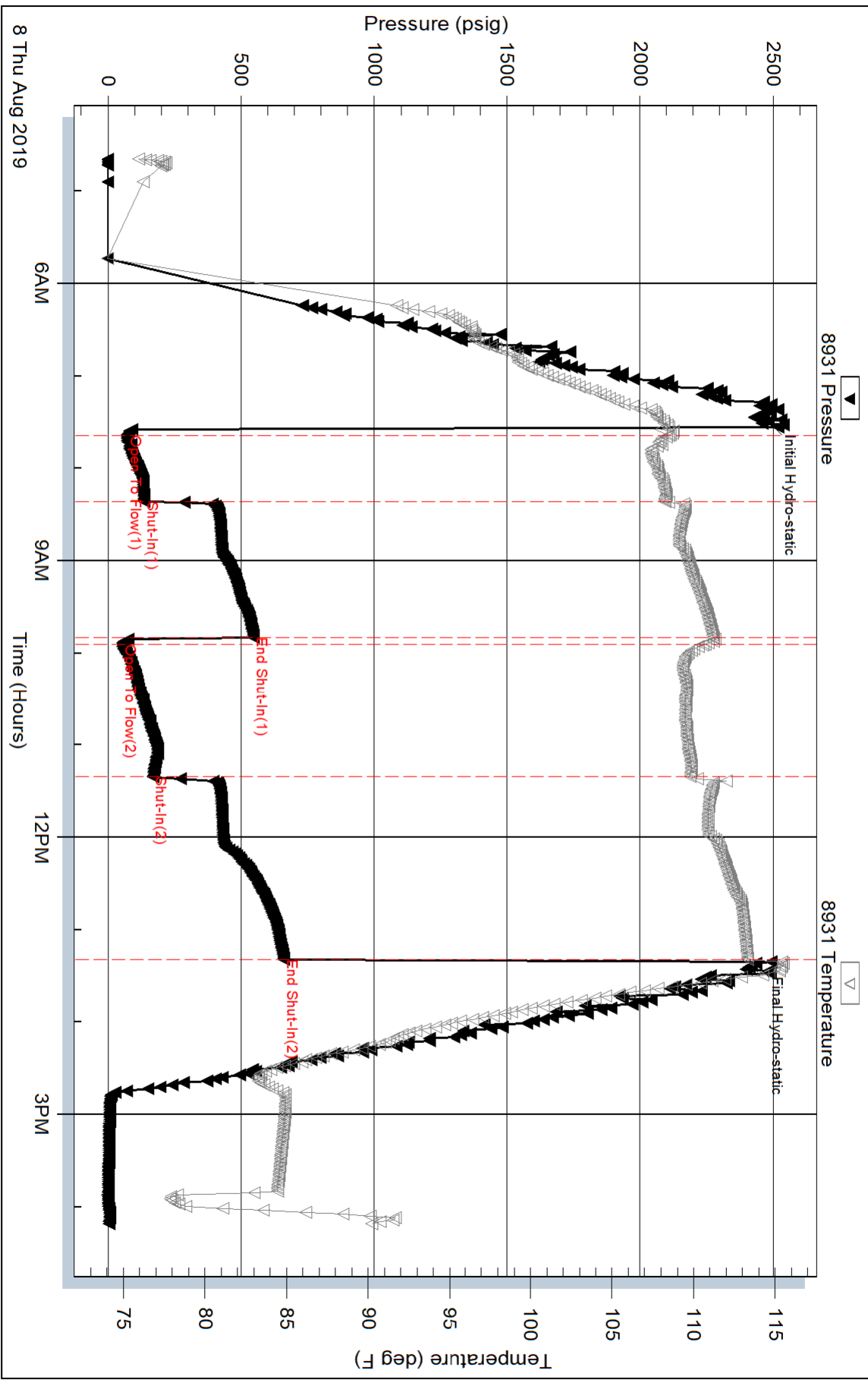
Inside

Vincent Oil Corp.

Sandyland 3-27

DST Test Number: 3

Pressure vs. Time

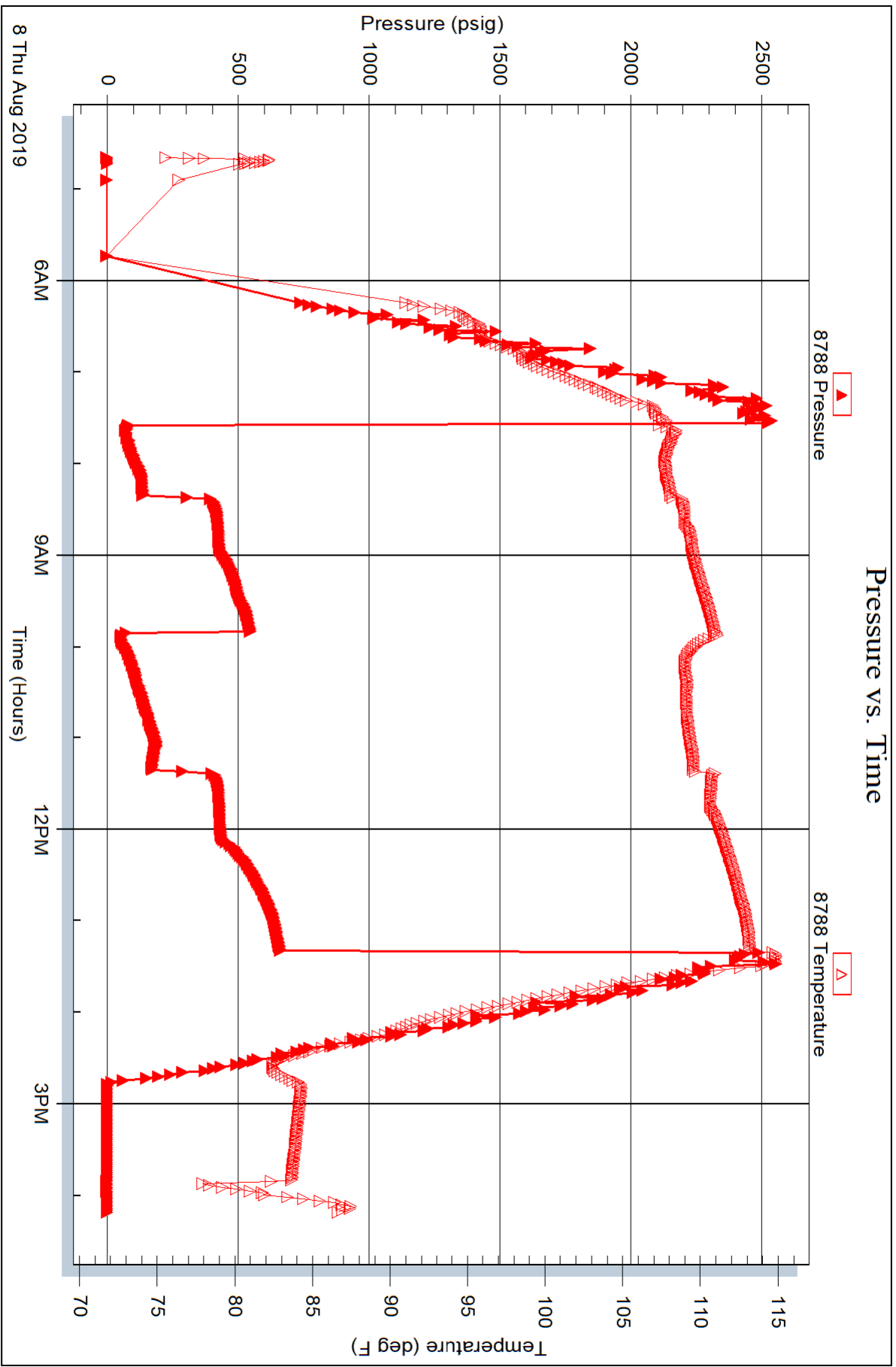


Serial #: 8788

Outside Vincent Oil Corp.

Sandyland 3-27

DST Test Number: 3



LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: VINCENT OIL CORP. SANDYLAND 3-27

API: 15-057-21025-00-00

Location: NW NE SW SW SEC 27-T28S-23W, FORD CO.KS.

License Number: 5004

Region: Mulberry Creek

Spud Date: 07/29/19

Drilling Completed: 8/09/19

Surface Coordinates: 1,037' FSL, 862' FWL

Bottom Hole

Coordinates:

Ground Elevation (ft): 2,516'

K.B. Elevation (ft): 2,528'

Logged Interval (ft): 4,250' To: 5,320' Total Depth (ft): 5,320'

Formation: Mississippi

Type of Drilling Fluid: NATIVE MUD TO 3,793'. CHEMICAL GEL TO RTD

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

OPERATOR

Company: VINCENT OIL CORP.

Address: 200 W. DOUGLAS AVE #725
WICHITA, KANSAS 67202-3013
OFFICE; 316-262-3573

GEOLOGIST

Name: Jame R. Hall (Well Supervision)

Company: Black Gold Petroleum

Address: PO BOX 66
VALLEY CENTER, KANSAS 67147-0066
316-217-1223

Comments

Drilling contractor: Duke Drilling, Rig #1, Tool Pusher Mike Godfrey.

Surface Casing: 8 5/8" 23# set at 646' with 280sxs, cement, did circulate.

Daily Activity: @07:00 hrs.

7/29/19: Move on and rig up.

7/30/19: 648' waiting on cementers.

7/31/19: 1,400' drilling. Cmt 8 5/8" csg @646' with 280sx.

8/01/19: 2,633' drilling.

8/02/19: 3,305' drilling.

8/03/19: 3,949' drilling. @ 3,793' change over to chem. gel drilling mud system.

8/04/19: 4,581' drilling.

8/05/19: 4,991' ready to short trip prior to drilling Pawnee.

8/06/19: 5,037' DST 1 Pawnee 5,011' - 5,037' (26'), Pipe Strap 3.27' short to the board.

8/07/19: 5,189' DST #2 Lower Penn & Mrw 5,084' - 5,189' (105').

8/08/19: 5,236' DST #3 Miss. 5,199' - 5,236' (37'). Test tool collar with bearings left in the hole. Back to bottom with junk basket.

8/09/19: 5,298' drilling. Ran open hole logs. Condition hole to run 4 1/2" production csg.

Deviation Surveys: 0.25deg @ 648', 0.75deg. @ 1,149', 0.75deg. @ 1,633', 1.0deg. @ 2,187', 1.0deg. @ 2,655', 1deg. @ 3,193, 0.75deg. @ 3,793', 0.5deg @ 5,037', 0.75 @ 5,320'.

Bit Record:

#1 12 1/4" RR out @ 648'.

#2 7 7/8" 527G in @ 648' out @ 5,037'.

#3 7 7/8" RR Verl HA28 in @ 5,037 out @ 5,320'.

Drilling time commenced: @ 4,200'. Maximum 10' wet and dry samples commenced: @ 4,250' to RTD 5,320'. Samples delivered to Kansas Geological Sample Library at Wichita, Kansas.

Gas Detector: Blue Stem unit #5259. Digital Unit, commenced @ 4,200'.

Mud System: Mud-Co/Service Mud. Chemical Gel system @ 3,793', Mud Engineer: Justin Whiting (Dodge City Office).

Open Hole Testing; Trilobite Testing. Matt Smith (Pratt).

Open Hole Logs: ELI Logging, Hays Kansas,
Logging Engineer: Gus Pfanenstiel.
DIL, CDL/CNL/PE, MEL/SON.

Sample tops are placed on this Plotted Geo. Report, with the reference wells "A" Sandyland 1-27 1980' FSL, 1230' FWL Sec 27-28S-23W, & "B" Sandyland 2-27 395' FSL, 90' FWL Sec 27-28S_23W. E-log tops datum differences shown.

This log must be shifted up 2' for correlation purposes with the open hole E-logs. RTD is 5,320', open hole E-log depth is 5,320'.

DSTs

DST 1 Pawnee 5,011' - 5,037' (26'), 30-60-60-120, IH 2451, IF 26-48 BOB 3min, Built to 131inch. (NGTS), FSI 412 (No Blow), FF 50-88 BOB immd, Built to 348 inch. (NGTS), FSI 412 (Weak 1/4" Blow, GTS 50min TSTM), Gas did burn, FH 2383. REC: 4841' GIP, 45' GSOCM (24%G, 3%O, 73%M), 64' GMWCO (5%G, 86%O, 7%W, 2%M), 64' GMWCO (59%G, 30%O, 8%W, 3%M), BHT 108 F, OG 37.8 API, No Water CHL Taken.

DST #2 Lower Penn, MRW 5,084' - 5,189', 30-60-60-90, IH 2478, IF 29-32 BOB 3min (NGTS), ISI 505 (No Blow), FF 31-41 BOB immd (NGTS), FSI 503 (No Blow), FH 2469 REC: 3,611' GIP, 50' GM (2%G,98%M), BHT 109 F.

DST #3 Miss, 5,199' - 5,236' (37'), 45-90-90-120, IH 2483, IF 72-137, BOB 30sec, GTS 32min, (1/4' ck, 35-168mcf, 40-170mcf, 45-170mcf), ISI 547 (Weak Blow Built to 1/4"), FF 54-167, GTS immd, (1/8" ck 20-16mcf, 30-22mcf, 40-29mcf, 50-36mcf, 60-43mcf, 70-50mcf, 1/4" ck 80-206mcf, 90-184mcf), FSI 660 (Weak Blow Build to 1/8" - 1/4"), FH 2435, Rec: 5,108 GIP, 31' GOSM (3%G,97%M), 63' GOSM (15%G, 85%M), BHT 108 F.

Qualifiers

CARBONATE CLASSIFICATION:

AFTER DUNHAM: GRAIN; any fossil, fossil fragment, sand grain, or other rock fragment within the rock. **MUDSTONE;** muddy carbonate rocks containing less than 10% grains. **WACKESTONE;** mud supported carbonate rocks with more than 10% grains. **PACKSTONE;** grain supported muddy carbonate rocks. **GRAINSTONE;** mud free carbonate rock, grain supported. **BOUNDSTONE;** carbonate rock bound together at deposition (coral, etc.). **CRYSTALLINE CARBONATE;** carbonate rock retaining to little of their depositional texture to be classified.

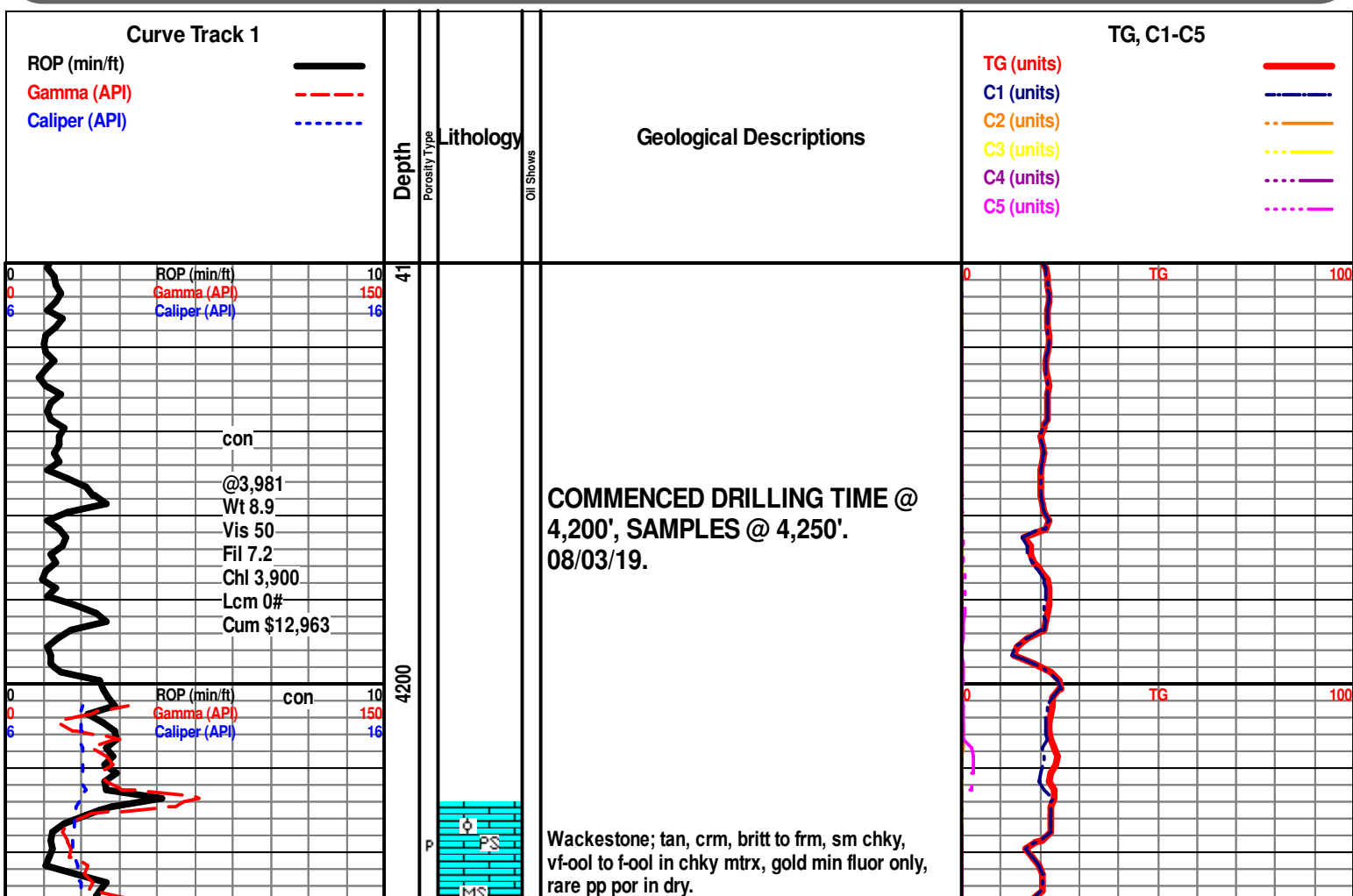
Qualifiers; (Fossils, Minerals, Shows, Porosity, etc.) Rare = less than 1% of sample total, Trace = less than 5% of sample total, Greater than 5% an estimate of total percentage.

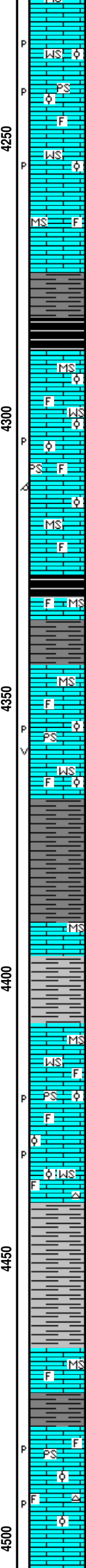
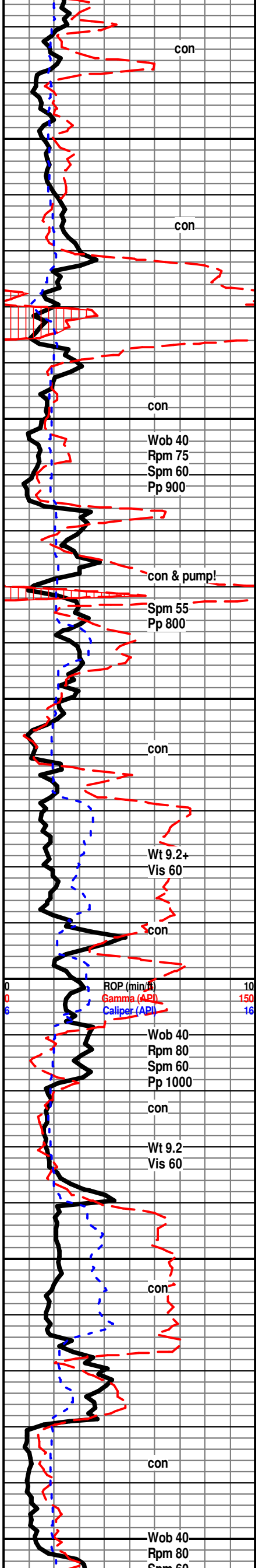
ROCK TYPES

<ul style="list-style-type: none"> Anhy Bent Brec Cht Clyst Coal 	<ul style="list-style-type: none"> Congl Sdy dolo Shy dolo Dol Gyp Sdy lmst 	<ul style="list-style-type: none"> Lmst Mrlst Salt Shale Sltst Ss 	<ul style="list-style-type: none"> Black sh Gry sh Shale Shysltst Sltysht
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ACCESSORIES

<p>MINERAL</p> <ul style="list-style-type: none"> Anhy Arg Bent Bit Brecfrag Calc Carb Chtdk Chtlt Dol Ferrpel Ferr Glau Gyp Marl Nodule Phos Pyr Salt Sandy Silt 	<ul style="list-style-type: none"> Chlorite Dol Sand Silty <p>FOSSIL</p> <ul style="list-style-type: none"> Algae Amph Belm Bioclst Brach Bryozoa Cephal Coral Crin Echin Fish Foram Fossil Gastro Oolite Ostra 	<ul style="list-style-type: none"> Pelec Pelloidal Pisolite Plant Strom Fuss Oomoldic <p>STRINGER</p> <ul style="list-style-type: none"> Anhy Arg Bent Coal Dol Gyp Ls Mrst Sltstrg Ssstrg Carbsh Clystn Dol 	<ul style="list-style-type: none"> Grysh Gryslt Lms Sandylms Sh Sltstn <p>TEXTURE</p> <ul style="list-style-type: none"> Boundst Chalky Cryxln Earthy Finexln Grainst Lithogr Microxln Mudst Packst Wackest
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Mudstone; off wh, chky-sft. Wackestone; tan, crm vf-ool to mic-ool, sm foss frag, rare brn pp por.

Wackestone; AA, Packstone; lt gry, hrd frm, med-ool to f-ool, no show, dull gold min fluor aa, rare brn pp por.

Wackestone; tan-crm, hrd to sft, dull to silky luster, no show.

Mudstone; crm-tan, hrd, sm-foss to mic-ool, dull to silky luster.

Shale; influx, gry to drk gry, sm blk-carb, most sft-rthy text, samples wash gray here.

Mudstone; gry-herd, sm foss frag, crm off wh-chky.

Wackestone; crm to tan, hrd-sft, chky, mic-ool to mic-foss in tt looking mtrx-wet.

Packstone; crm to gry hrd ot sft, chky to xln, f-ool to mic-ool, sm mic-foss frag, dull min fluor, NS or por in wet. rare pp and oom por in dry-NS.

Mudstone; crm to gry, chky-sft, silky-herd, sm foss.

Heeb. 4329 (-1801) A-2 B-6

Slt inc in Blk-carb shale AA.

Mudstone; brn-gry, hrd, xln, slt foss.

Shale; slt inc, gry to drk gry, sft to frm, rthy text.

Mudstone; gry to crm, chky to xln.

Packstone; crm, britt to frm, chky to xln mtrx, f-ool to mic-ool, tt look wet, NS no vis por wet, min fluor only. rare pp and vgy por in dry-NS.

Shale; slt inc in % gry to drk gry, most sft-rthy text, occ gry-grn to brick red-cave?

Mudstone; tan to crm, chky-xln, dns.

Shale; gry-frm, rthy to silky text.

Mudstone / Wackestone; crm, tan occ brn, chky-xln, sm foss, tt.

Packstone Wackestone; tan, lt brn, foss frag and vf-ool in silky tt looking mtrx-wet, NS, rare brn pp por in dry, min fluor only, NS dry.

Wackestone; crm, tan, mic-foss, mic-ool inprt, dns look wet and dry.

Shale; gry, gry-grn, sft to britt, pllty

Shale; gry, gry-grn inc sft-rthy text.

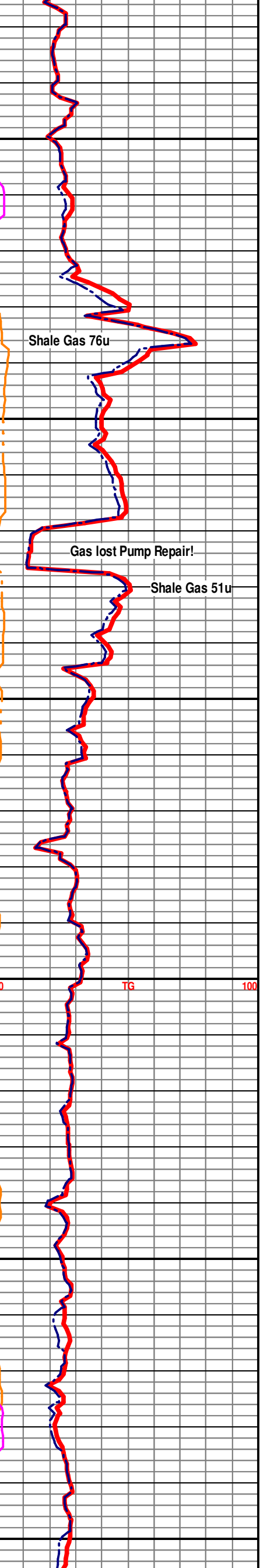
BL 4467 (-1939) A-2 B-6

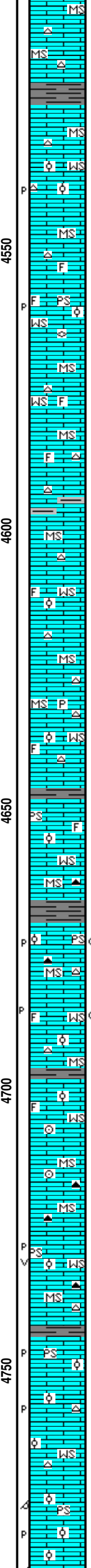
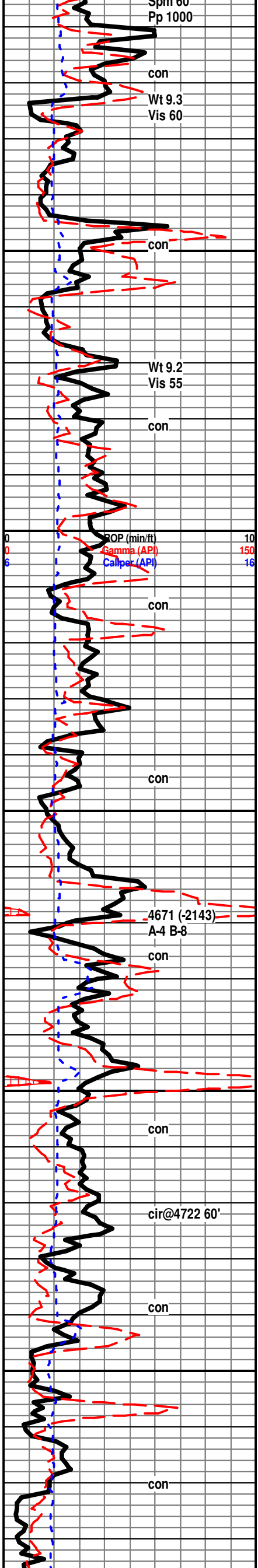
Mudstone; tan to brn, sm drk brn, foss inprt, dns.

Shale; gry to drk gry, tab-sft, plty-frm.

Lans. 4480 (-1952) A-2 B-8

Packstone; crm to lt tan, mic-ool to occ vf-ool, min fluor only, no vis por or show in wet, rare brn pp por in dry, NS, Chert; rare free off wh.





Mudstone; tan to lt brn, hrd, xln, dns, slky text, Chert; trace free off wh.

Shale; slt inc in drk gry to blk, sft to frm.

Mudstone; tan to crm, chky, dns, rare mic-ool
Packstone rare drk wormy stn, no show-cave?
Chert; rare wh.

Wackestone; crm to tan, sm lt gry, mic-ool, britt, chky, NS, rare blk wormy stn-NS, rare Packstone; w/fair brn pp por, NS, Chert; off wh to lt gry.

Mudstone; crm, gry, occ brn, chky-xln, sm foss, sm calc inclu.

Wackestone / Packstone; crm, tan, sm gry, mic-ool, vf-ool in tt looking mtrix-wet, rare fuss frag in mtrx, tt looking wet, rare samp w/fair brn pp por in dry, NS.

Mudstone; crm-chky, tan to brn dns xln, sm Wackestone; mic-ool. Chert; trace free wh to lt gry.

Mudstone; small inc in gry and brn, xln-chky, Chert; trace free gry, brn, sm spicu to foss.

Shale; sm influx, gry, dk gry.

Mudstone; crm, brn, hrd, ckky to xln, sm mic-ool inprt, tt no show.

Wackestone; crm, off wh, mic-ool, vf-ool, sm foss frag inprt, tt look wet, min fluor NS.

Mudstone; crm to brn, chky to xln, slky tt dns, sm brn hrd-blky rare calc inclusions. rare free chert and pyrite.

Wackestone; crm, tan, mic-ool, tt look wet, NS,

Shale; gry to drk gry.

Packstone to Wackestone; crm, off wh, sm tan, mic-ool, to ooc vf-ool in tt mtrx wet, no show, min fluor only.

Shale; gry-gry sm mott, sm blk-carb look

Wackestone to Packstone; crm, tan, hrd xln to sft - chky, mic-ool, spty droplets of brn oil on scat pp por, dull yell fluor, inst cut, no odor, no free oil

Shale; drk gry, gry, sm blk-carb.

Wackestone; crm to tan, mic-ool, tt look wet, dull min fluor, no show, Packstone; rare off wh f to med ool in tt looking mtrx, rare tan f-ool Packstone in tt mtrx, dull min fluor only, no show.

Mudstone; crm, brn, chky-xln, slky to dull chky text, rare crinoid frag and blk free chert.

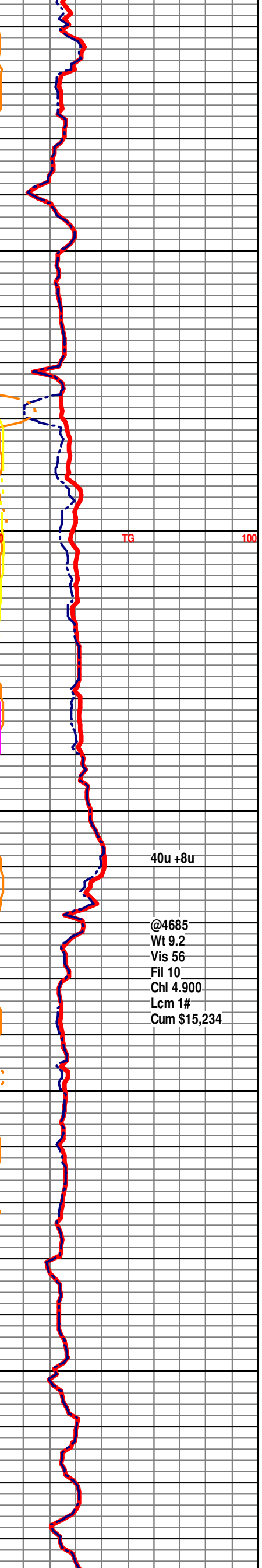
Packstone / Wackestone; tan to crm, off wh, mic-ool in tt looking mtrx-wet, NS, rare sample w/ fair brn pp, vgy por in dry, NS.

Mudstone; crm, tan, chky-xln, rare free gry and blk chert.

Packstone; tan, crm, mic-ool to scat off wh w/med ool, tt looking mtrx in wet, min fluor only, no vis por wet, rare ban pp por in dry, no stn.

Wackestone; crm to tan, mic-ool, tt look, no vis por in wet or dry, NS.

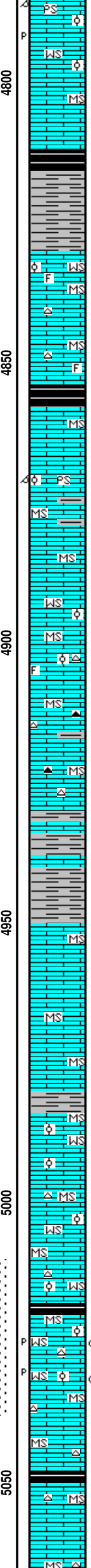
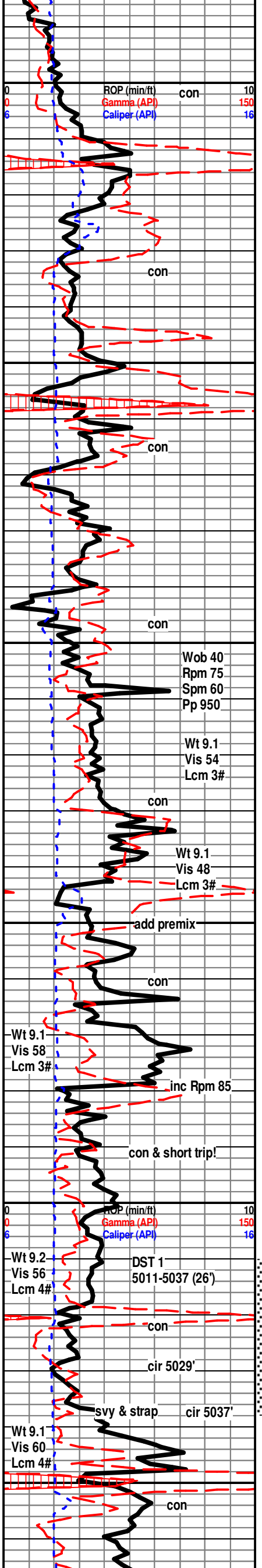
Packstone; crm, tan, occ off wh, slky to chky mtrx, med-ool to vf-oolm scatt oom, hrd-britt, sm fri imprt, NS wet or dry.



TG 100

40u +8u

@4685
Wt 9.2
Vis 56
Fil 10
Chl 4.900
Lcm 1#
Cum \$15,234



Wackestone; crm to tan, mic-ool, chky to xln mtrx, tt look NS.

Mudstone; tan to crm, sm brn-dns.

Stark 4812 (-2284) A-7 B-12

Shale; influx gry, dk gry, sm blk-carb look, tr brick red, sft to britt, most pty, 10% - 15% shale here.

Wackestone; crm to tan, mic-ool to mic-foss, tt, chky-xln mtrx.

Mudstone; crm to tan, sm off wh, tt, chky-xln, rare free lt chert.

Mudstone; brn, gry, hrd, dns, rare foss frag in tray.

Hushp. 4854 (-2326) A-5 B-15

Mudstone; brn, hrd-dns, xln mtrx.

Packstone; crm, off wh, sm tan, vf to med ool, occ oom, no show wet or dry.

Mudstone; crm to gry, brn, some mic-ool, dns, Shale; inc in drk gry and vry-hrd blk-mrly-cave?

Wackestone; crm to gry, mic-ool, hrd, dns looking no show.

Mudstone; crm to tan, hrd frm, foss to mic-ool inprt, sm crm-chky sft, free gry to lt chert.

Mudstone; inc in gry to brn, xln dns, sft inc in drk gry to blk shales, rare free drk gry chert.

Mudstone; gry-hrd dns, silky-xln, crm aa sm mic-ool, trace brn, hrd, silky-xln, trace black free chert.

Shale; gry, dk gry, sm gry-grn, sm mott, sft-frm, pty to tabular, rthy to smth text.

Marmaton 4950 (-2422) A-9 B+2

Mudstone; crm to tan, xln-hrd, chky-sft, gry to brn, hrd xln-dns.

Mudstone; crm to tan, silky-xln to chky, gry to brn hrd to vry hrd dns, silky-xln text.

Mudstone; crm, tan to gry, frm-hrd, trace crm-tan silky-vry hrd blk.

Shale; gry, dkr gry, blk, rare colored, sft-frm, sm hrd, smth to rthy text.

Mudstone AA, sm Wackestone tan, crm, mic-ool, tt, cave.

Wackestone; crm, off wh, mic-ool, tt look wet, dull min fluor, NS.

Mudstone / Wackestone; crm to tan, chky-sft, sm hard, xln-hrd, Wackestone inprt, 2 smaples brt fluor, no cut.

Pawnee 5021 (-2493) A-8 B-1

Mudstone; crm, brn, chky-sft, xln-hrd.

Wackestone; scat crm-tan, mic-ool, tt look wet, most chky text, faint sample odor, rare samples with spty to even fluor, sm w/inst ring cut, no vis oil or gas bub, 1 sample w/ spty drk str-ring cut, rare scatt brn pp por visable in dry only. rare free chert.

LAB. SH 5048 (-2520) A-8 B-3

Mudstone; crm, sft-hrd, most chky, smth-rthy text, brn-xln dns, rare free off wh to lt gry chert, 5% blk carb gsy shale.

Mudstone; aa, Scat mic-ool, mic-foss in tt mtrx, no show.

