KOLAR Document ID: 1390225

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 + 3013
Contact Person: M.L. Korphage
Phone: (316) 262-3573
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Tom Dudgeon
Purchaser: MV Purchasing

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 #:

10/21/2017 Spud Date or Recompletion Date
11/3/2017 Date Reached TD
1/3/2018 Completion Date or Recompletion Date

API No.: 15-095-22314-00-00
Spot Description:
E2 - NW - NE - NW Sec. 23 Twp. 28 S. R. 8 ☐ East ☑ West
330 Feet from ☑ North / ☐ South Line of Section
1929 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: Kingman
Lease Name: JONES TRUST Well #: 4-23
Field Name:
Producing Formation: Hertha Limestone
Elevation: Ground: 1612 Kelly Bushing: 1621
Total Vertical Depth: 4437 Plug Back Total Depth: 4228
Amount of Surface Pipe Set and Cemented at: 306 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: 33000 ppm Fluid volume: 1800 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Wildcat Oil & Gas LLC
Lease Name: Adelhardt SWD 1-7 License #: 31337
Quarter SW Sec. 7 Twp. 30 S. R. 8 ☐ East ☑ West
County: Kingman Permit #: D30389

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: 02/16/2018
☐ **Confidential Release Date:** 02/16/2020
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 02/16/2018

Page Two

Operator Name: Vincent Oil Corporation Lease Name: JONES TRUST Well #: 4-23

Sec. 23 Twp. 28 S. R. 8 ☐ East ☑ West County: Kingman

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 ☑ Yes ☐ No
(Attach Additional Sheets)

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	12.25	8.625	23	306	60 / 40 Poz	275	2% Gel, 3% CC & 1/4# Cel-Flake/sx
Production	7.875	4.5	10.5	4228	Common	170	2% Gel, 10% Salt & 5# Kol-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: 1/3/2018	Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	40			46	

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL: Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	3756	3762

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)*
4	3756	3762			Ran in with 15' mud anchor & SN on 2.3750' tubing, set at 3861'.
					Acidized with 600 gal 15% MCA, rigged up to swab, rec 13 bbl of load, SDFN
					FL@ 1700', with 400' oil, swabed 3 hrs rec 14 bbl/hr (65% Oil), Ran DHP & rods, Waiting on surface equip.
					Set surface equipment & layed lines to battery, Turned to production 1/3/2018; IP: 40 BOPD

TUBING RECORD:	Size:	Set At:	Packer At:
	2.3750	3861	

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

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	JONES TRUST 4-23
Doc ID	1390225

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	JONES TRUST 4-23
Doc ID	1390225

Tops

Name	Top	Datum
Onaga Shale	2186	(-565)
Heebner Shale	3167	(-1546)
Brown Limestone	3356	(-1735)
Lansing	3366	(-1745)
Stark Shale	3709	(-2088)
Hertha	3753	(-2132)
Cherokee Shale	3953	(-2332)
Mississippian	4054	(-2433)
Mississippian Limestone	4157	(-2536)
Kinderhook Shale	4252	(-2631)
Viola	4405	(-2784)
Simpson Sand	4435	(-2814)
RTD	4433	(-2812)
LTD	4437	(-2816)

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	JONES TRUST 4-23
Doc ID	1390225

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	306	60 / 40 Poz	275	2% Gel, 3% CC & 1/4# Cel-Flake/sx
Production	7.875	4.5	10.5	4228	Common	170	2% Gel, 10% Salt & 5# Kol-seal/sx

QUALITY WELL SERVICE, INC.

6741

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

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
10-21-17	23	28	8	Kingman	KS	4:30	8:00 AM

Lease Jones Trust | Well No. 4-23 | Location

Contractor Duke

Type Job Surface

Hole Size 12¼ | T.D.

Csg. 8 5/8 | Depth 306

Tbg. Size | Depth

Tool | Depth

Cement Left in Csg. 40' | Shoe Joint

Meas Line | Displace 17

EQUIPMENT

Pumptrk 8	No.	
Bulktrk 9	No.	
Bulktrk	No.	
Pickup	No.	

JOB SERVICES & REMARKS

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Broke circulation with Rig.
Pumped 275sx 60/40 2% gel
3% cc ¼# C.F. Displaced with
17 bbls H2O cement did
circulate

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 Vincent

Street

City State

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

Cement Amount Ordered 275sx 60/40 2% gel 3% cc ¼ CF

Common	165
Poz. Mix	110
Gel.	5
Calcium	9
Hulls	
Salt	
Flowseal	68.75
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	289
Mileage	30

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
LMV	30
Service Supervisor	
Pumptrk Charge	Surface
Mileage	30 x 2
Tax	
Discount	
Total Charge	

X Signature Harlan Jones

Taylor Printing Inc

QUALITY WELL SERVICE, INC.

6747

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

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
11-3-17	23	28	8	Kingman	Ks	7:15 AM	9:30

Lease Jones trust | Well No. 4-23 | Location

Contractor Duke 4

Type Job Long string

Hole Size 7 7/8 | T.D. 4433

Csg. 4.5 10.5 | Depth 4228.49

Tbg. Size | Depth ~~4228.49~~

Tool | Depth

Cement Left in Csg. 42 | Shoe Joint 42.64

Meas Line | Displace 66.5

EQUIPMENT

Pumptrk 8 No.

Bulktrk 9 No.

Bulktrk No.

Pickup No.

JOB SERVICES & REMARKS

Rat Hole 30 sx

Mouse Hole ~~Pumped~~

Centralizers

Baskets

D/V or Port Collar

Ran 4.5 csg to 4228.49
Broke circulation with Rig circulated
1hr Plnged Rat hole 30 sx ~~Pumped~~ Pumped mud
~~Pumped mud~~ Flush pumped 170sx Pro C Shut
down washed up released plug
Displaced with 66.5 bbls KCL Water
Landed plug @ 1200 ~~PSI~~ PSI released
float Held

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 Vincent

Street

City State

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

Cement Amount Ordered 200 sx Pro C 2% Gel 10% Salt 5# Kolseal

Common 200 sx Pro C

Poz. Mix

Gel. 4

Calcium

Hulls

Salt 18

Flowseal

Kol-Seal 1000 #

Mud CLR 48 500 Gal Mud Flush

CFL-117 or CD110 CAF 38 10 Gal KCL

Sand

Handling 222

Mileage 30

FLOAT EQUIPMENT

Guide Shoe 1 4.5

Centralizer 10 4 5

Baskets 1 4 5

AFU Inserts 1 4 5

Float Shoe

~~Latch Down~~ 1 Rubber Plug

1 MV 30

Service Supervisor

Pumptrk Charge Long String

Mileage 30 X 2

Tax

Discount

Total Charge

X Signature

Taylor Printing, Inc.

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57844 **DST#: 1**

Test Start: 2017.10.28 @ 10:13:04

GENERAL INFORMATION:

Formation: **Swope**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:56:19
Time Test Ended: 17:33:49

Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74

Interval: 3692.00 ft (KB) To 3723.00 ft (KB) (TVD)
Total Depth: 3723.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

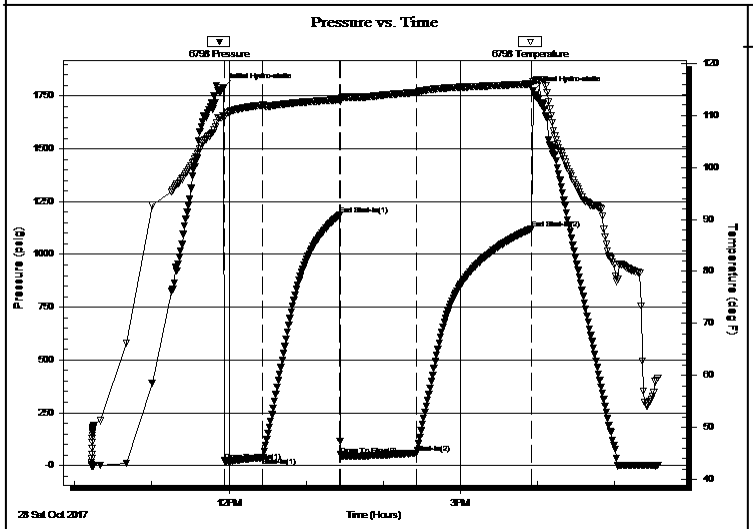
Reference Elevations: 1621.00 ft (KB)
1612.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6798

Press@RunDepth: 58.09 psig @ ft (KB)
Start Date: 2017.10.28 End Date: 2017.10.28
Start Time: 10:13:05 End Time: 17:33:49

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2017.10.28 @ 11:55:19
Time Off Btm: 2017.10.28 @ 15:56:19

TEST COMMENT: IF: Strong Blow , BOB in 3 minutes
ISI: No Blow Back
FF: Strong Blow , BOB Immediate, GTS in 33 minutes, TSTM, Caught Sample
FSI: Weak Surface Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1788.09	109.82	Initial Hydro-static
1	22.16	109.63	Open To Flow (1)
31	37.32	111.96	Shut-In(1)
91	1185.96	113.01	End Shut-In(1)
92	50.47	113.00	Open To Flow (2)
151	58.09	114.41	Shut-In(2)
240	1122.32	116.06	End Shut-In(2)
241	1775.54	116.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3584 GIP	0.00
100.00	GOCM 20%G 20%O 60%M	1.40

Gas Rates

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

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57844 **DST#: 1**

Test Start: 2017.10.28 @ 10:13:04

GENERAL INFORMATION:

Formation: **Swope**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:56:19
Time Test Ended: 17:33:49

Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74

Interval: 3692.00 ft (KB) To 3723.00 ft (KB) (TVD)
Total Depth: 3723.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

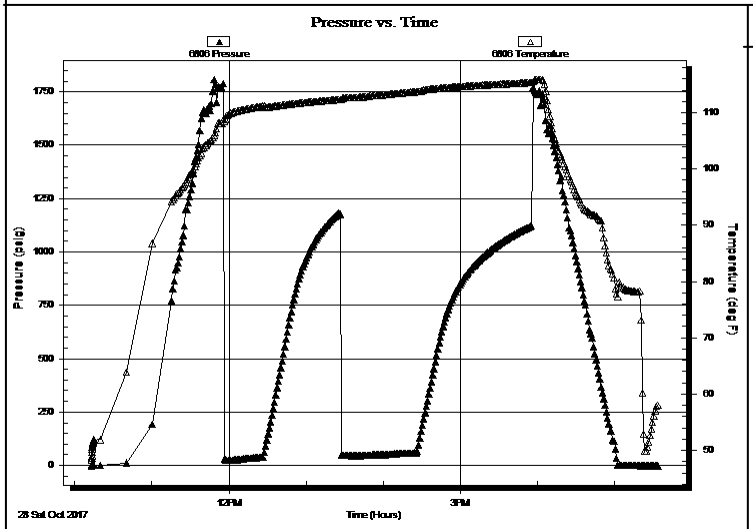
Reference Elevations: 1621.00 ft (KB)
1612.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6806 **Outside**

Press@RunDepth: psig @ 3693.00 ft (KB)
Start Date: 2017.10.28 End Date: 2017.10.28
Start Time: 10:13:05 End Time: 17:33:49

Capacity: 8000.00 psig
Last Calib.: 2017.10.28
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 3 minutes
ISI: No Blow Back
FF: Strong Blow , BOB Immediate, GTS in 33 minutes, TSTM, Caught Sample
FSI: Weak Surface Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3584 GIP	0.00
100.00	GOCM 20%G 20%O 60%M	1.40

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57844 **DST#: 1**

Test Start: 2017.10.28 @ 10:13:04

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:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3584 GIP	0.000
100.00	GOCM 20%G 20%O 60%M	1.403

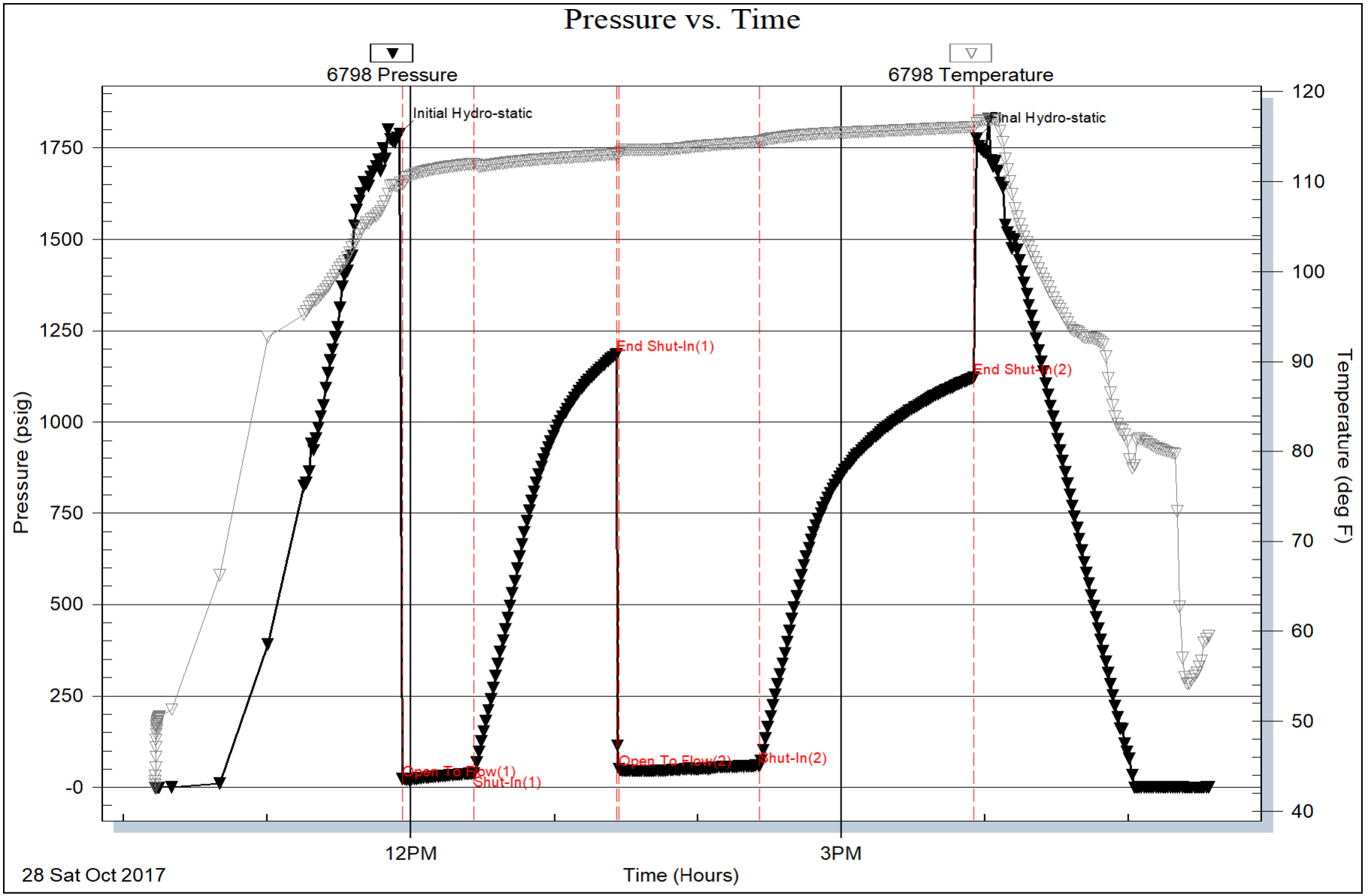
Total Length: 100.00 ft Total Volume: 1.403 bbl

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

Laboratory Name: Laboratory Location:

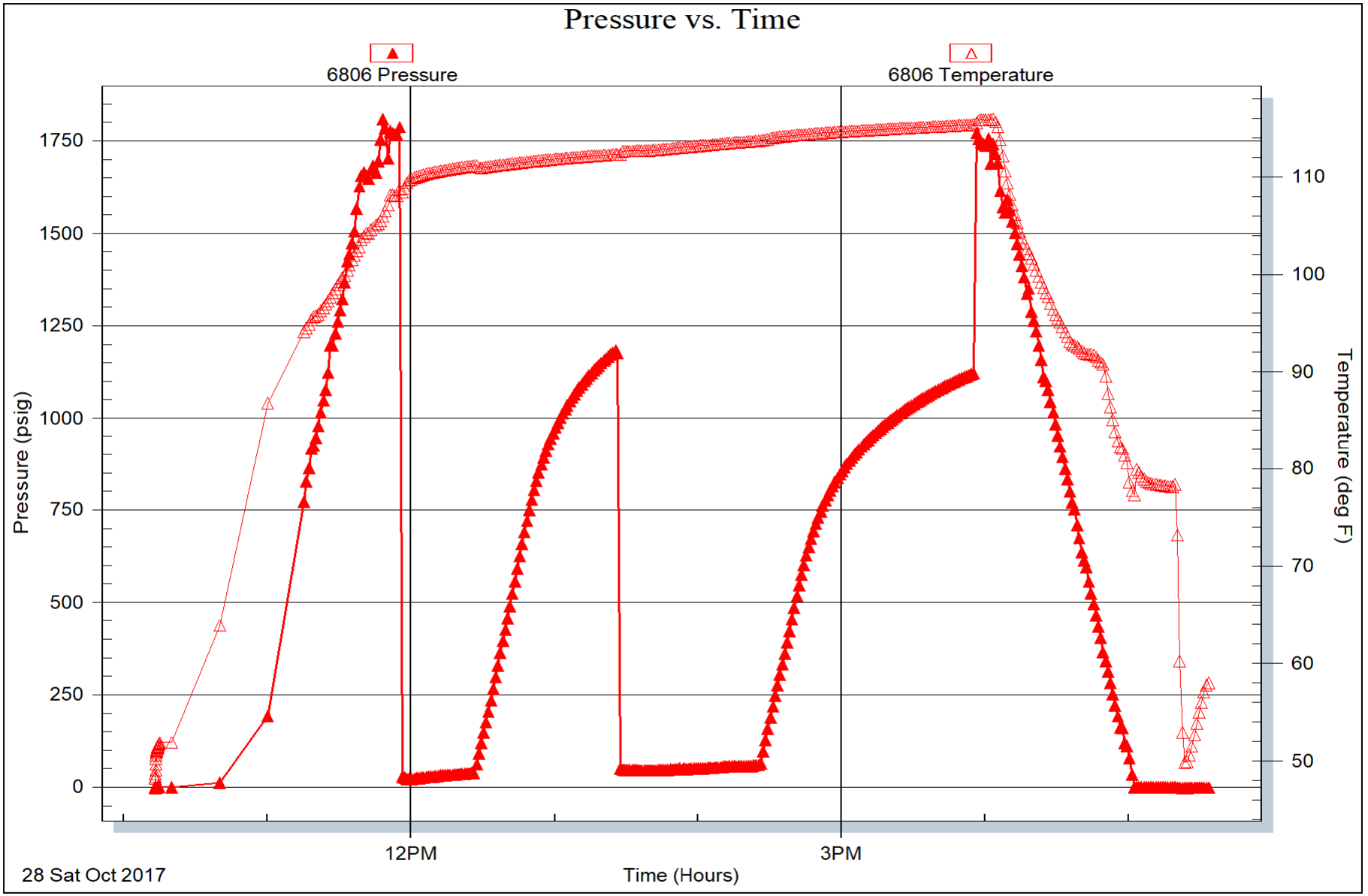
Recovery Comments:

Serial #: 6798 | Vincent Oil Corporation | Jones Trust 4-23 | DST Test Number: 1



Trilobite Testing, Inc | Ref. No: 57844 | Printed: 2017.10.28 @ 22:35:08

Serial #: 6806 **Outside** Vincent Oil Corporation Jones Trust 4-23 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 57844 Printed: 2017.10.28 @ 22:35:09

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57845 **DST#: 2**

Test Start: 2017.10.29 @ 02:51:15

GENERAL INFORMATION:

Formation: **Hertha**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:48:45
Time Test Ended: 10:23:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74

Interval: 3740.00 ft (KB) To 3765.00 ft (KB) (TVD)
Total Depth: 3765.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

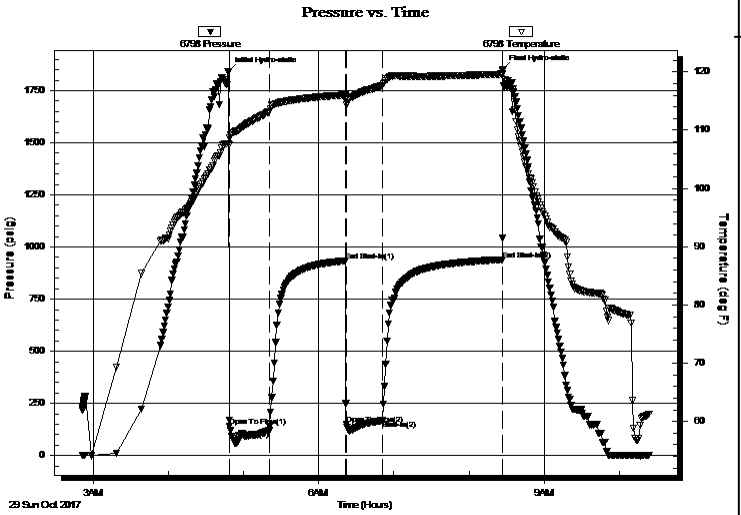
Reference Elevations: 1621.00 ft (KB)
1612.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6798

Press@RunDepth: 166.68 psig @ ft (KB)
Start Date: 2017.10.29 End Date: 2017.10.29
Start Time: 02:51:16 End Time: 10:23:30

Capacity: 8000.00 psig
Last Calib.: 2017.10.29
Time On Btm: 2017.10.29 @ 04:47:30
Time Off Btm: 2017.10.29 @ 08:26:45

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, GTS in 17 minutes, Gauged & Caught Sample
ISI: 3 inch Blow Back
FF: Strong Blow , BOB & GTS Immediate, Gauged Gas
FSI: 2 inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1838.95	107.69	Initial Hydro-static
2	141.71	108.61	Open To Flow (1)
33	118.55	113.15	Shut-In(1)
94	933.85	116.02	End Shut-In(1)
95	149.88	114.31	Open To Flow (2)
123	166.68	117.59	Shut-In(2)
219	939.03	119.61	End Shut-In(2)
220	1851.05	120.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3337 GIP	0.00
126.00	GCO 10%G 90%O	1.77
282.00	GMCO 30%G 20%M 50%O	3.96

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	6.00	-
Last Gas Rate	0.25	7.00	11.11
Max. Gas Rate	0.25	7.00	11.11

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57845 **DST#: 2**

Test Start: 2017.10.29 @ 02:51:15

GENERAL INFORMATION:

Formation: **Hertha**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:48:45
Time Test Ended: 10:23:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74

Interval: 3740.00 ft (KB) To 3765.00 ft (KB) (TVD)
Total Depth: 3765.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

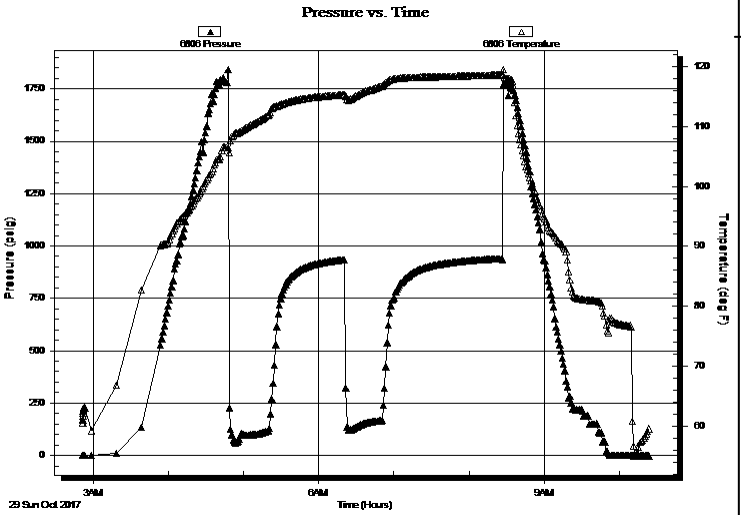
Reference Elevations: 1621.00 ft (KB)
1612.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6806 **Outside**

Press@RunDepth: psig @ 3741.00 ft (KB)
Start Date: 2017.10.29 End Date: 2017.10.29
Start Time: 02:51:16 End Time: 10:23:45

Capacity: 8000.00 psig
Last Calib.: 2017.10.29
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, GTS in 17 minutes, Gauged & Caught Sample
ISI: 3 inch Blow Back
FF: Strong Blow , BOB & GTS Immediate, Gauged Gas
FSI: 2 inch Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3337 GIP	0.00
126.00	GCO 10%G 90%O	1.77
282.00	GMCO 30%G 20%M 50%O	3.96

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	6.00	-
Last Gas Rate	0.25	7.00	11.11
Max. Gas Rate	0.25	7.00	11.11

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57845 **DST#: 2**

Test Start: 2017.10.29 @ 02:51:15

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	46.2 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3337 GIP	0.000
126.00	GCO 10%G 90%O	1.767
282.00	GMCO 30%G 20%M 50%O	3.956

Total Length: 408.00 ft Total Volume: 5.723 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity w as 46.4 @ 62 degrees

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57845 **DST#: 2**

Test Start: 2017.10.29 @ 02:51:15

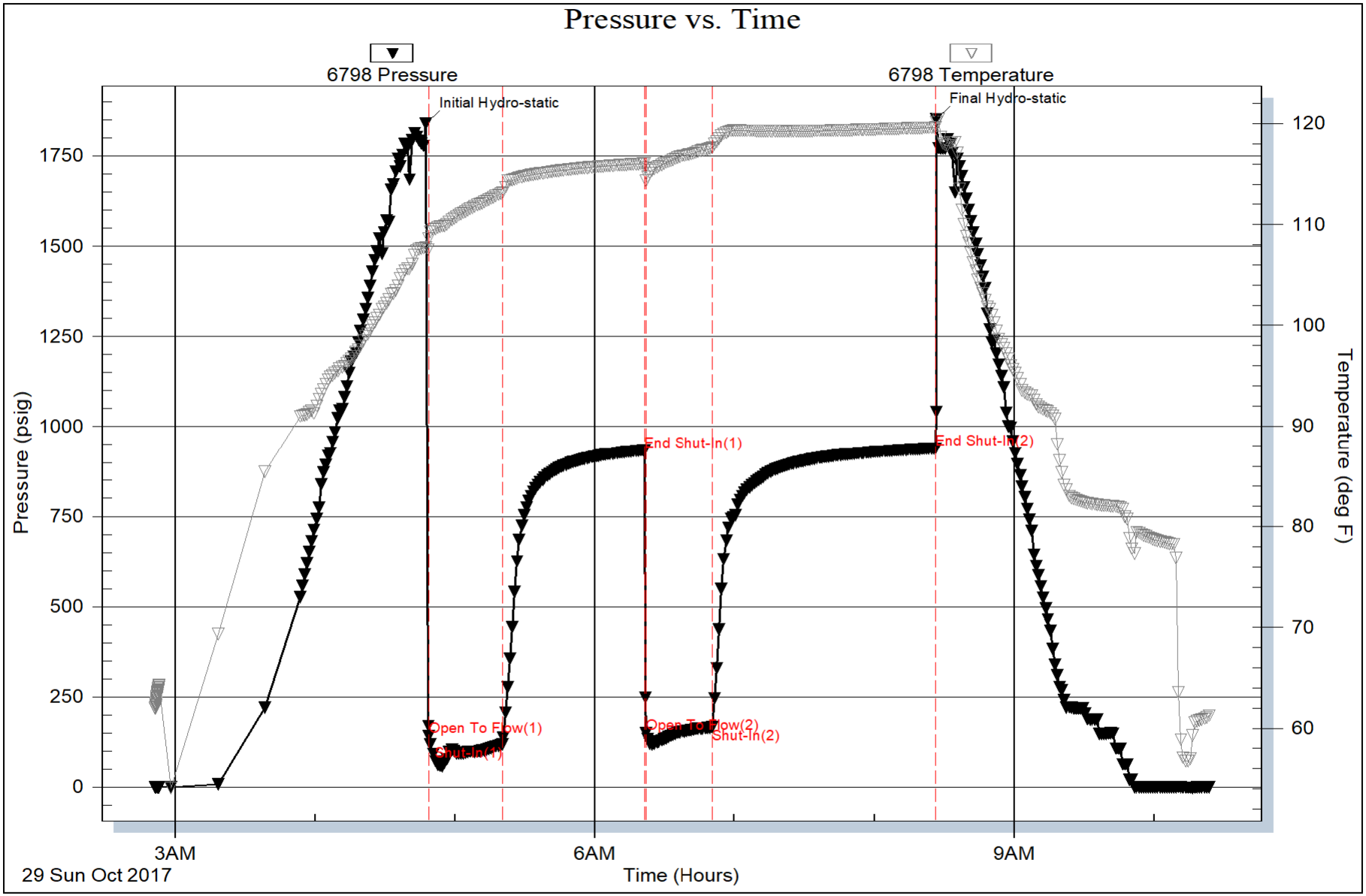
Gas Rates Information

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

Gas Rates Table

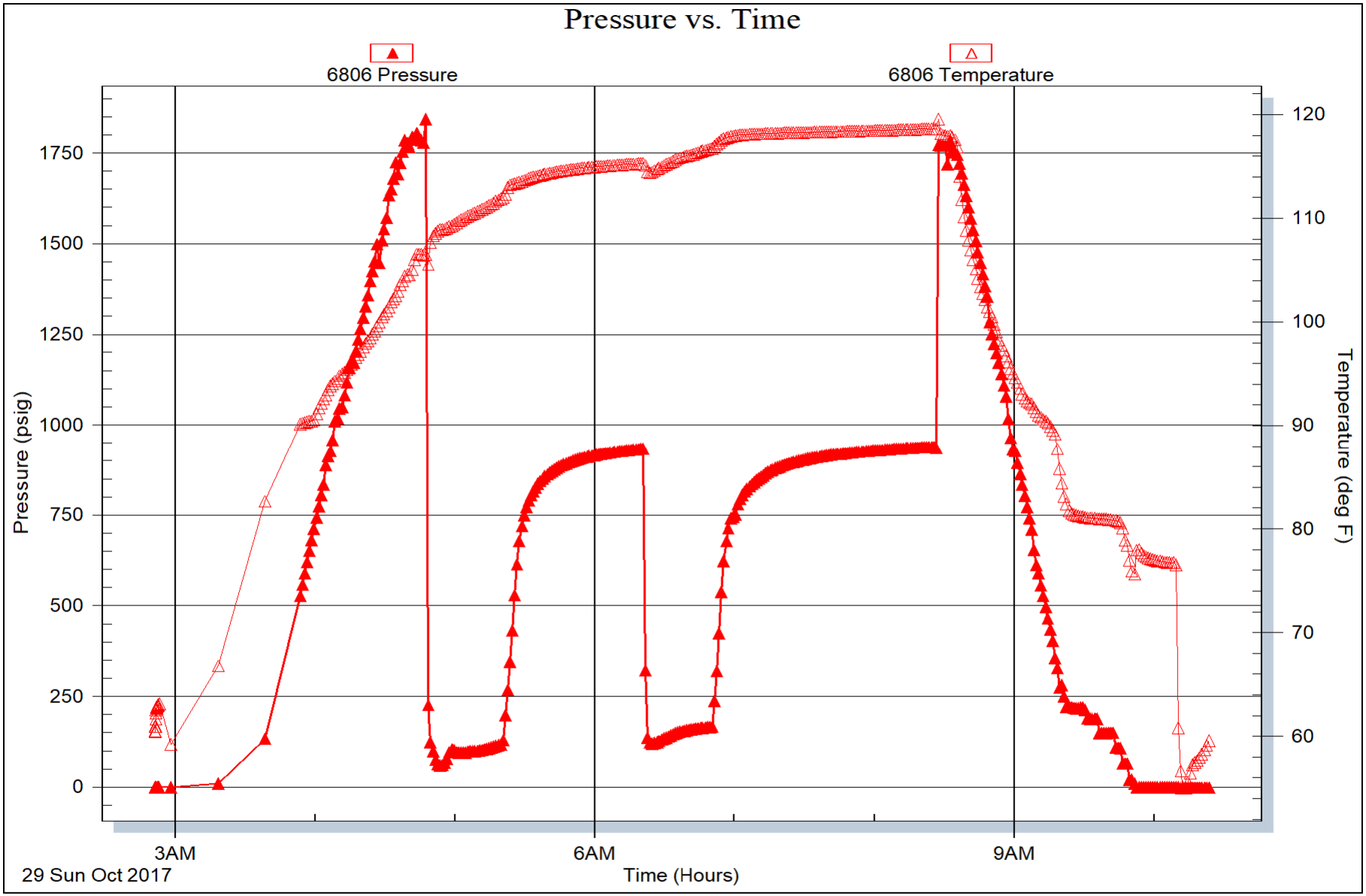
Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	20	0.25	6.00	-1586392.01
1	30	0.25	7.00	11.11
2	10	0.25	6.00	9.52
2	20	0.25	7.00	11.11
2	30	0.25	7.00	11.11

Serial #: 6798 | Vincent Oil Corporation | Jones Trust 4-23 | DST Test Number: 2



Trilobite Testing, Inc | Ref. No: 57845 | Printed: 2017.10.29 @ 17:26:53

Serial #: 6806 **Outside** Vincent Oil Corporation Jones Trust 4-23 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 57845 Printed: 2017.10.29 @ 17:26:53

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57846 **DST#: 3**

Test Start: 2017.10.30 @ 13:30:14

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:00:14
Time Test Ended: 21:29:59

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74

Interval: 3978.00 ft (KB) To 4075.00 ft (KB) (TVD)
Total Depth: 4075.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

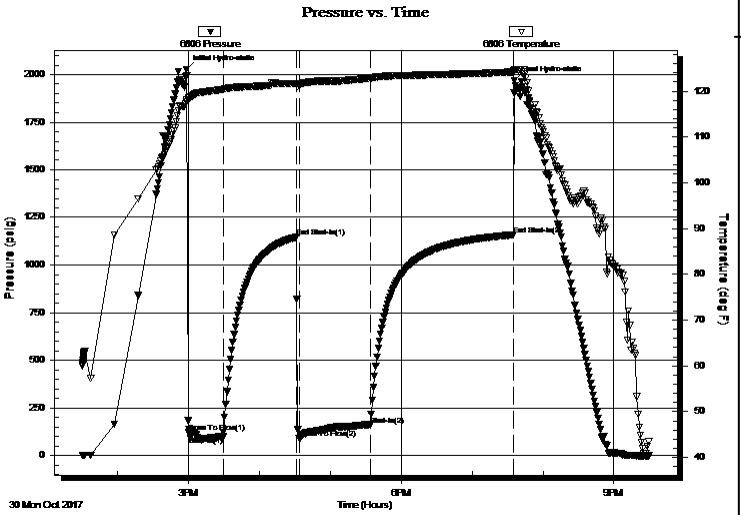
Reference Elevations: 1621.00 ft (KB)
1612.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6806 **Outside**

Press@RunDepth: 159.81 psig @ 3979.00 ft (KB)
Start Date: 2017.10.30 End Date: 2017.10.30
Start Time: 13:30:15 End Time: 21:29:59

Capacity: 8000.00 psig
Last Calib.: 2017.10.30
Time On Btm: 2017.10.30 @ 14:58:14
Time Off Btm: 2017.10.30 @ 19:35:59

TEST COMMENT: IF: Strong Blow , BOB in 1 minute, GTS in 18 minutes, Gauged & Caught Sample
ISI: 1/2 inch Blow Back
FF: Strong Blow , BOB & GTS Immediate, Guaged Gas
FSI: 3 inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2026.96	117.66	Initial Hydro-static
2	122.99	118.58	Open To Flow (1)
31	97.63	120.39	Shut-In(1)
93	1146.73	121.64	End Shut-In(1)
96	91.71	121.27	Open To Flow (2)
156	159.81	122.78	Shut-In(2)
277	1158.50	124.19	End Shut-In(2)
278	1967.49	124.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3825 GIP	0.00
140.00	GCM 10%G 90%M	1.96

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	10.00	15.86
Last Gas Rate	0.25	56.00	88.84
Max. Gas Rate	0.25	56.00	88.84

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57846 **DST#: 3**

Test Start: 2017.10.30 @ 13:30:14

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:	74.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3825 GIP	0.000
140.00	GCM 10%G 90%M	1.964

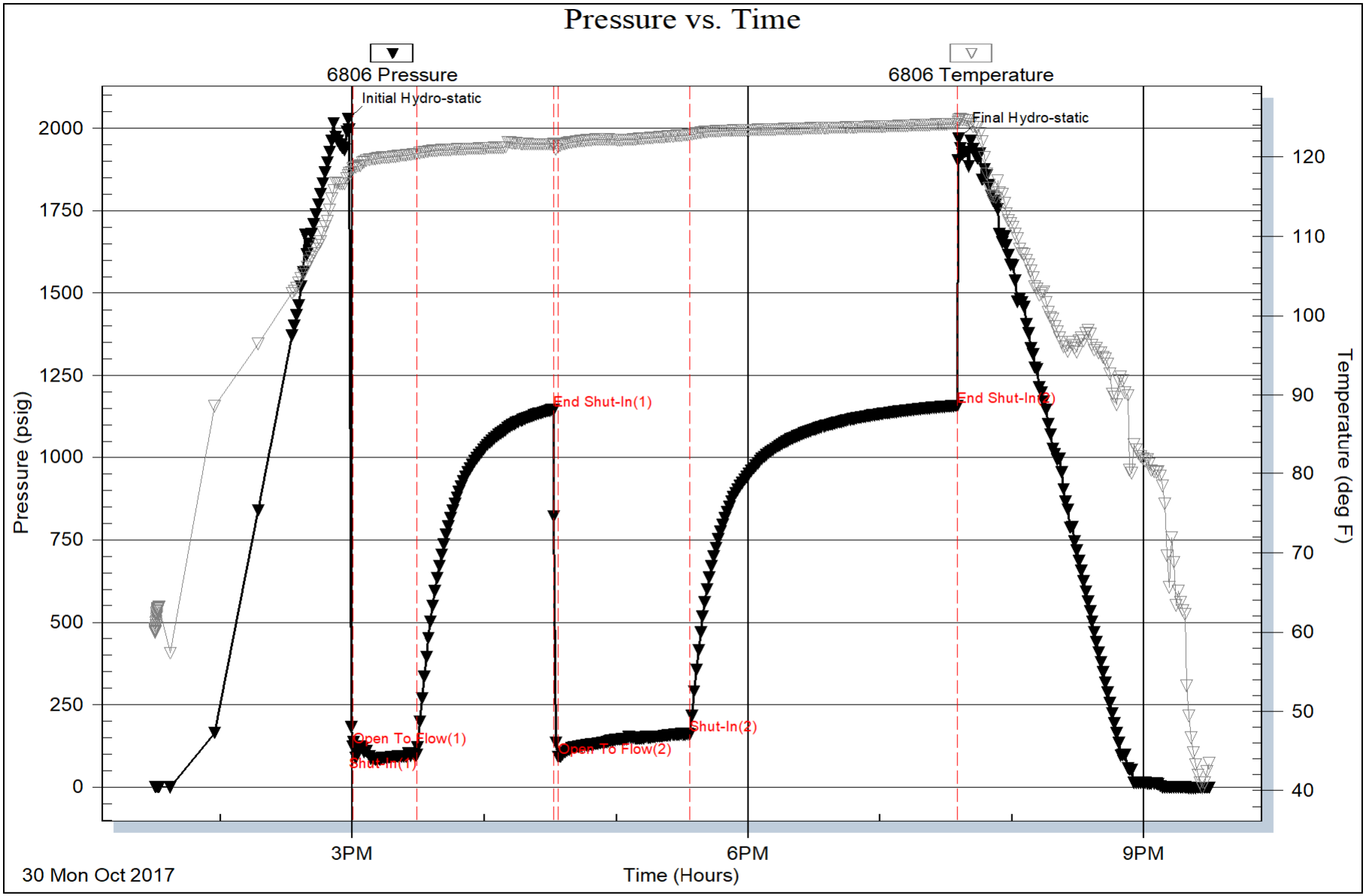
Total Length: 140.00 ft Total Volume: 1.964 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6806 **Outside** Vincent Oil Corporation Jones Trust 4-23 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 57846 Printed: 2017.10.31 @ 05:53:35

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57847 **DST#: 4**

Test Start: 2017.10.31 @ 05:12:05

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:06:20
Time Test Ended: 14:40:20

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74

Interval: 4073.00 ft (KB) To 4095.00 ft (KB) (TVD)
Total Depth: 4095.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

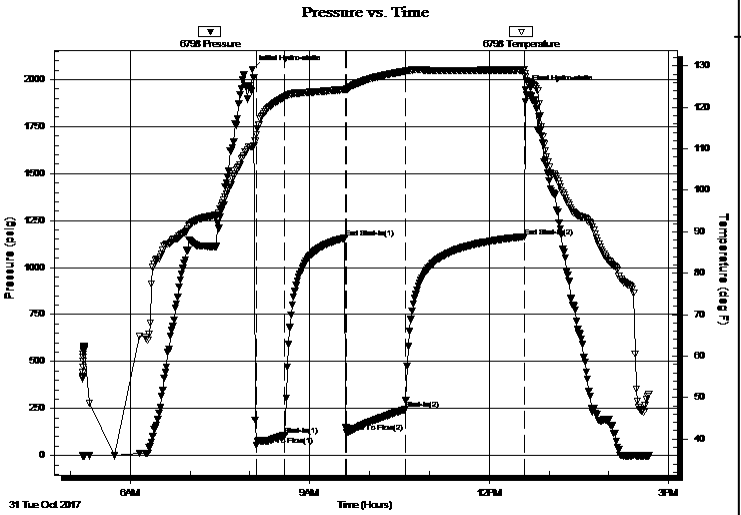
Reference Elevations: 1621.00 ft (KB)
1612.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6798

Press@RunDepth: 245.35 psig @ ft (KB)
Start Date: 2017.10.31 End Date: 2017.10.31
Start Time: 05:12:06 End Time: 14:40:20

Capacity: 8000.00 psig
Last Calib.: 2017.10.31
Time On Btm: 2017.10.31 @ 08:02:35
Time Off Btm: 2017.10.31 @ 12:36:35

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, GTS in 22 minutes, Caught Sample, TSTM
ISI: 1 inch Blow Back
FF: Strong Blow , GTS Immediate, BOB in 1 minute TSTM
FSI: 1 inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2053.78	110.46	Initial Hydro-static
4	53.64	113.40	Open To Flow (1)
33	108.83	122.58	Shut-In(1)
93	1156.89	124.32	End Shut-In(1)
95	125.28	124.41	Open To Flow (2)
154	245.35	128.71	Shut-In(2)
273	1164.40	129.05	End Shut-In(2)
274	1946.04	127.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
315.00	Water	4.42
121.00	GMCW 5%G 20%M 75%W	1.70

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57847 **DST#: 4**

Test Start: 2017.10.31 @ 05:12:05

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:06:20
Time Test Ended: 14:40:20

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74

Interval: 4073.00 ft (KB) To 4095.00 ft (KB) (TVD)
Total Depth: 4095.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

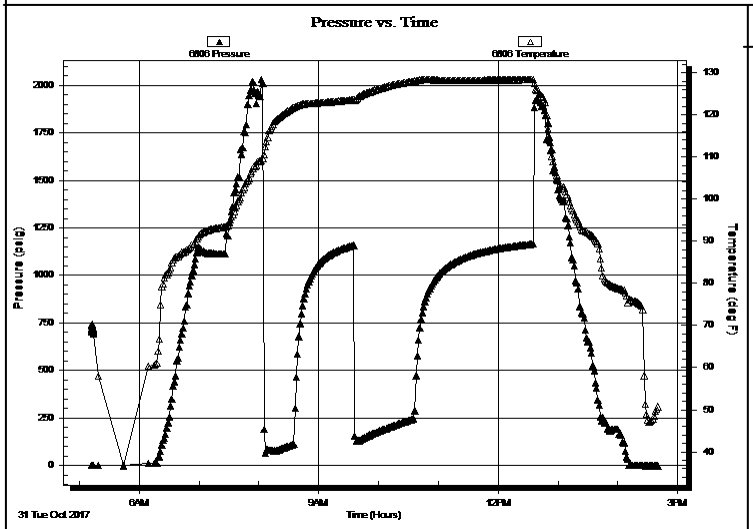
Reference Elevations: 1621.00 ft (KB)
1612.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6806 **Outside**

Press@RunDepth: psig @ 4074.00 ft (KB)
Start Date: 2017.10.31 End Date: 2017.10.31
Start Time: 05:12:06 End Time: 14:40:20

Capacity: 8000.00 psig
Last Calib.: 2017.10.31
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, GTS in 22 minutes, Caught Sample, TSTM
ISI: 1 inch Blow Back
FF: Strong Blow , GTS Immediate, BOB in 1 minute TSTM
FSI: 1 inch Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
315.00	Water	4.42
121.00	GMCW 5%G 20%M 75%W	1.70

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57847 **DST#: 4**

Test Start: 2017.10.31 @ 05:12:05

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:	90000 ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GTS	0.000
315.00	Water	4.419
121.00	GMCW 5%G 20%M 75%W	1.697

Total Length: 436.00 ft Total Volume: 6.116 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW w as .15 @ 41 degrees

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57847 **DST#: 4**

Test Start: 2017.10.31 @ 05:12:05

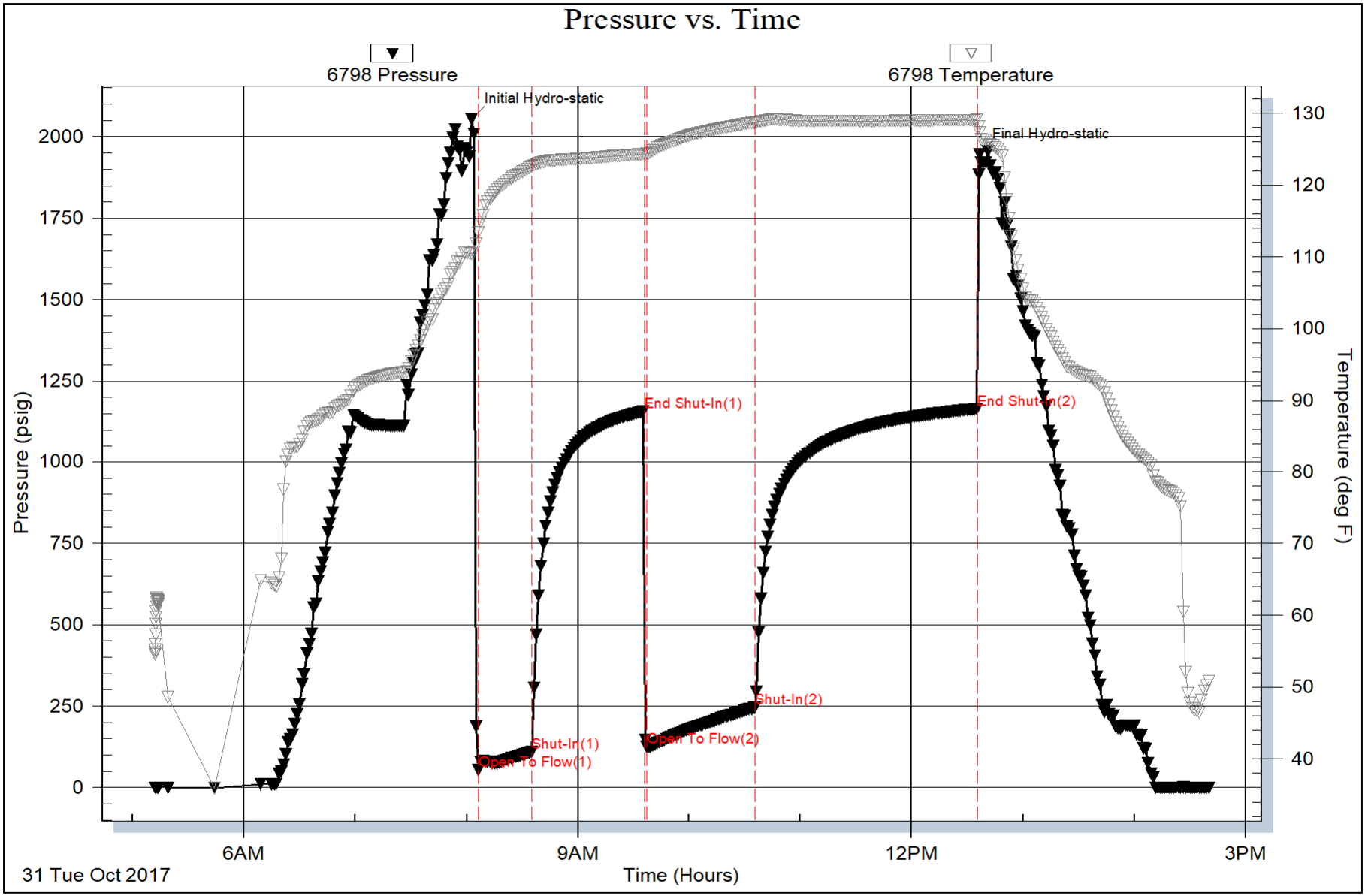
Gas Rates Information

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

Gas Rates Table

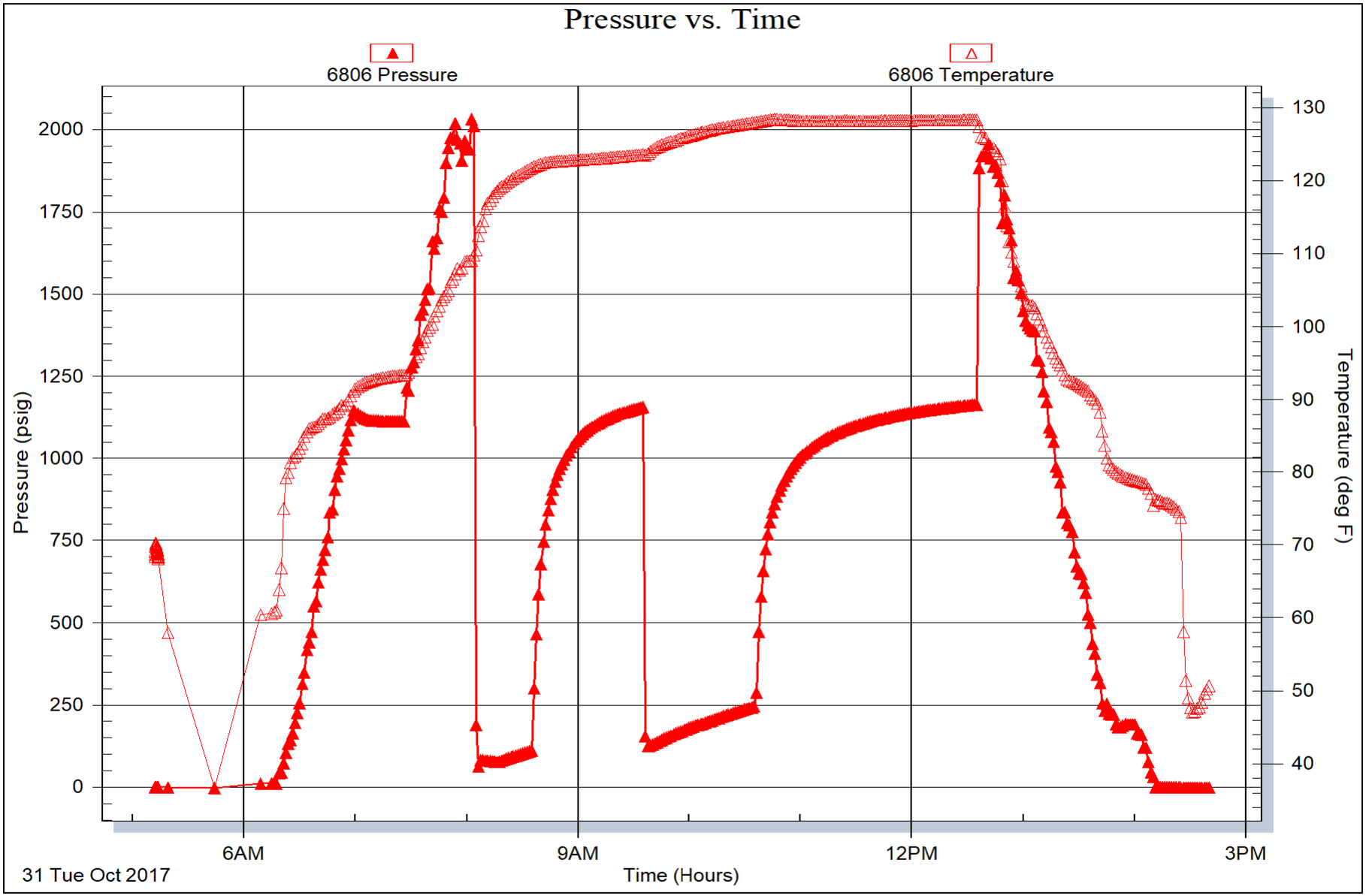
Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
		0.00	0.00	0.00

Serial #: 6798 | Vincent Oil Corporation | Jones Trust 4-23 | DST Test Number: 4



Trilobite Testing, Inc | Ref. No: 57847 | Printed: 2017.10.31 @ 15:10:48

Serial #: 6806 **Outside** Vincent Oil Corporation Jones Trust 4-23 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 57847 Printed: 2017.10.31 @ 15:10:48

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57848 **DST#: 5**

Test Start: 2017.11.01 @ 23:58:55

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:44:10
Time Test Ended: 07:54:10

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74

Interval: 4415.00 ft (KB) To 4433.00 ft (KB) (TVD)
Total Depth: 4433.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

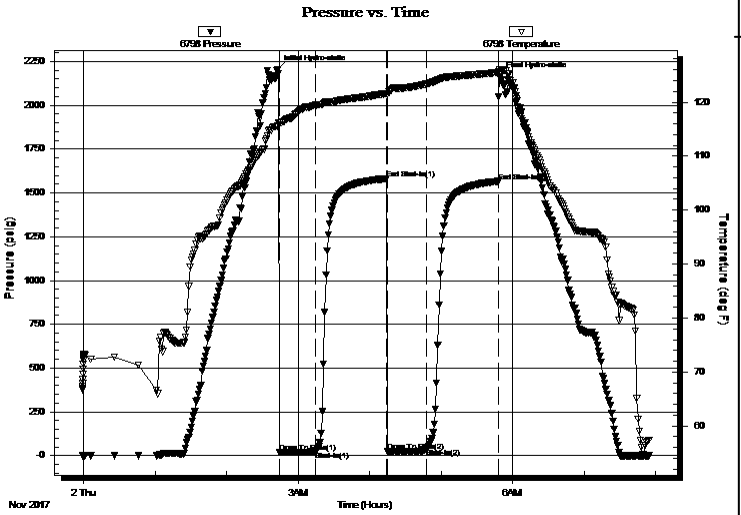
Reference Elevations: 1621.00 ft (KB)
1612.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6798

Press@RunDepth: 40.71 psig @ ft (KB)
Start Date: 2017.11.01 End Date: 2017.11.02
Start Time: 23:58:56 End Time: 07:54:10

Capacity: 8000.00 psig
Last Calib.: 2017.11.02
Time On Btm: 2017.11.02 @ 02:42:40
Time Off Btm: 2017.11.02 @ 05:49:10

TEST COMMENT: IF: Weak Blow , Built to 1 inch
ISI: No Blow Back
FF: Weak Surface Blow
FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2205.28	115.65	Initial Hydro-static
2	17.35	116.08	Open To Flow (1)
32	23.60	119.44	Shut-In(1)
92	1581.16	121.61	End Shut-In(1)
92	22.08	121.44	Open To Flow (2)
125	40.71	123.37	Shut-In(2)
185	1566.32	125.49	End Shut-In(2)
187	2163.27	126.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MCW 30%M 70%W	0.28

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57848 **DST#: 5**

Test Start: 2017.11.01 @ 23:58:55

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:44:10
Time Test Ended: 07:54:10

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74

Interval: 4415.00 ft (KB) To 4433.00 ft (KB) (TVD)
Total Depth: 4433.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

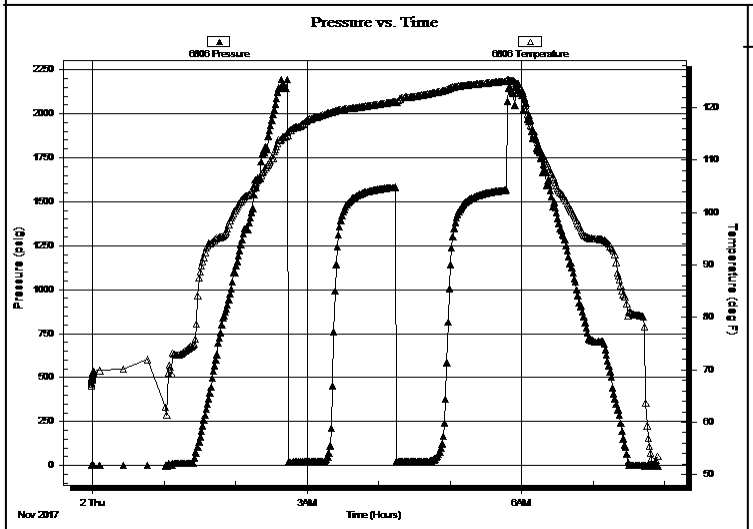
Reference Elevations: 1621.00 ft (KB)
1612.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6806 **Outside**

Press@RunDepth: psig @ 4416.00 ft (KB)
Start Date: 2017.11.01 End Date: 2017.11.02
Start Time: 23:58:56 End Time: 07:54:10

Capacity: 8000.00 psig
Last Calib.: 2017.11.02
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to 1 inch
ISI: No Blow Back
FF: Weak Surface Blow
FSI: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MCW 30%M 70%W	0.28

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

200 W Douglas Ave #725
Wichita, KS 67202

ATTN: Tom Dudgeon

23-28S-8E Kingman

Jones Trust 4-23

Job Ticket: 57848 **DST#: 5**

Test Start: 2017.11.01 @ 23:58:55

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:	62000 ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.96 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	MCW 30%M 70%W	0.281

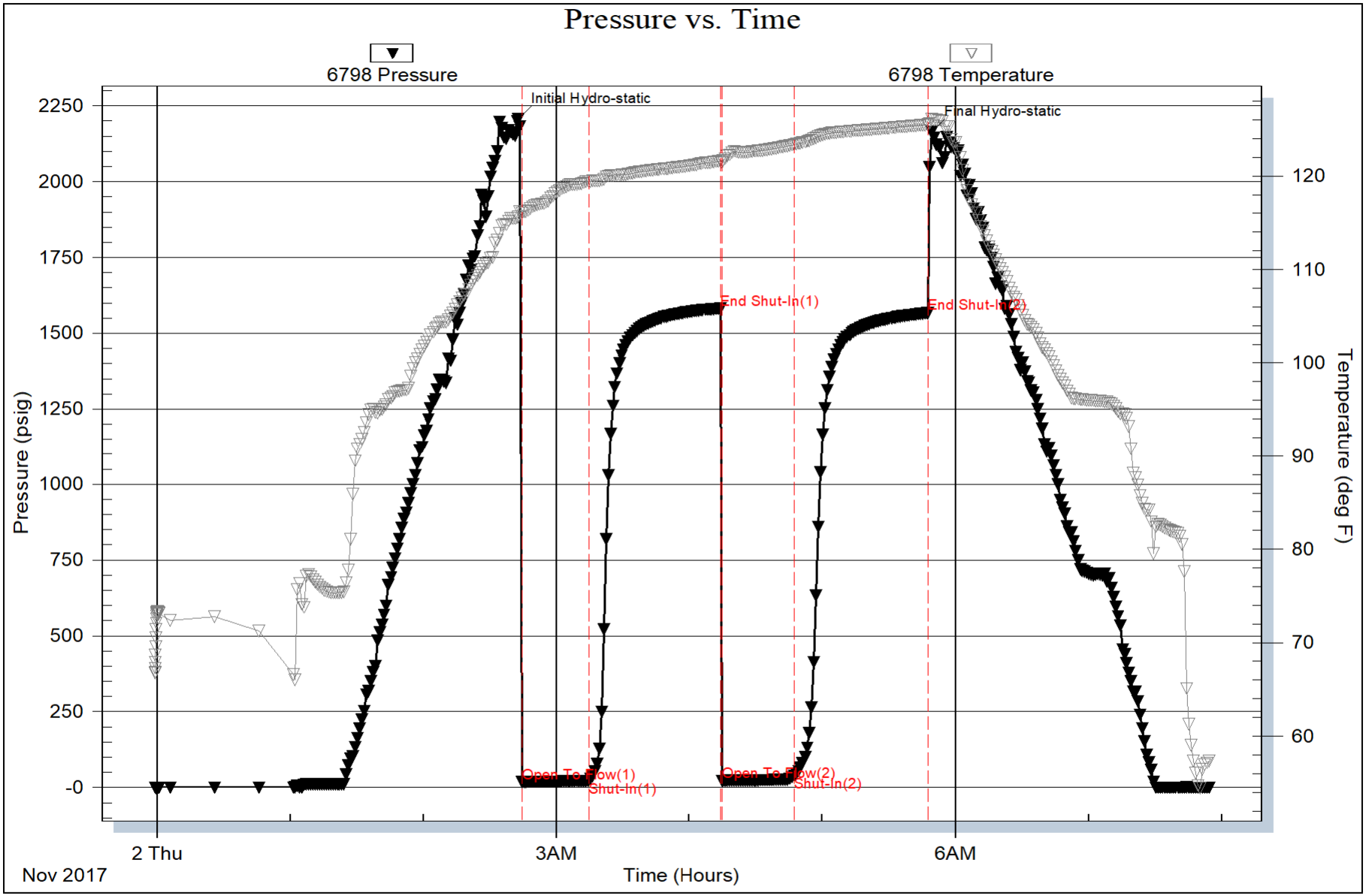
Total Length: 20.00 ft Total Volume: 0.281 bbl

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

Laboratory Name: Laboratory Location:

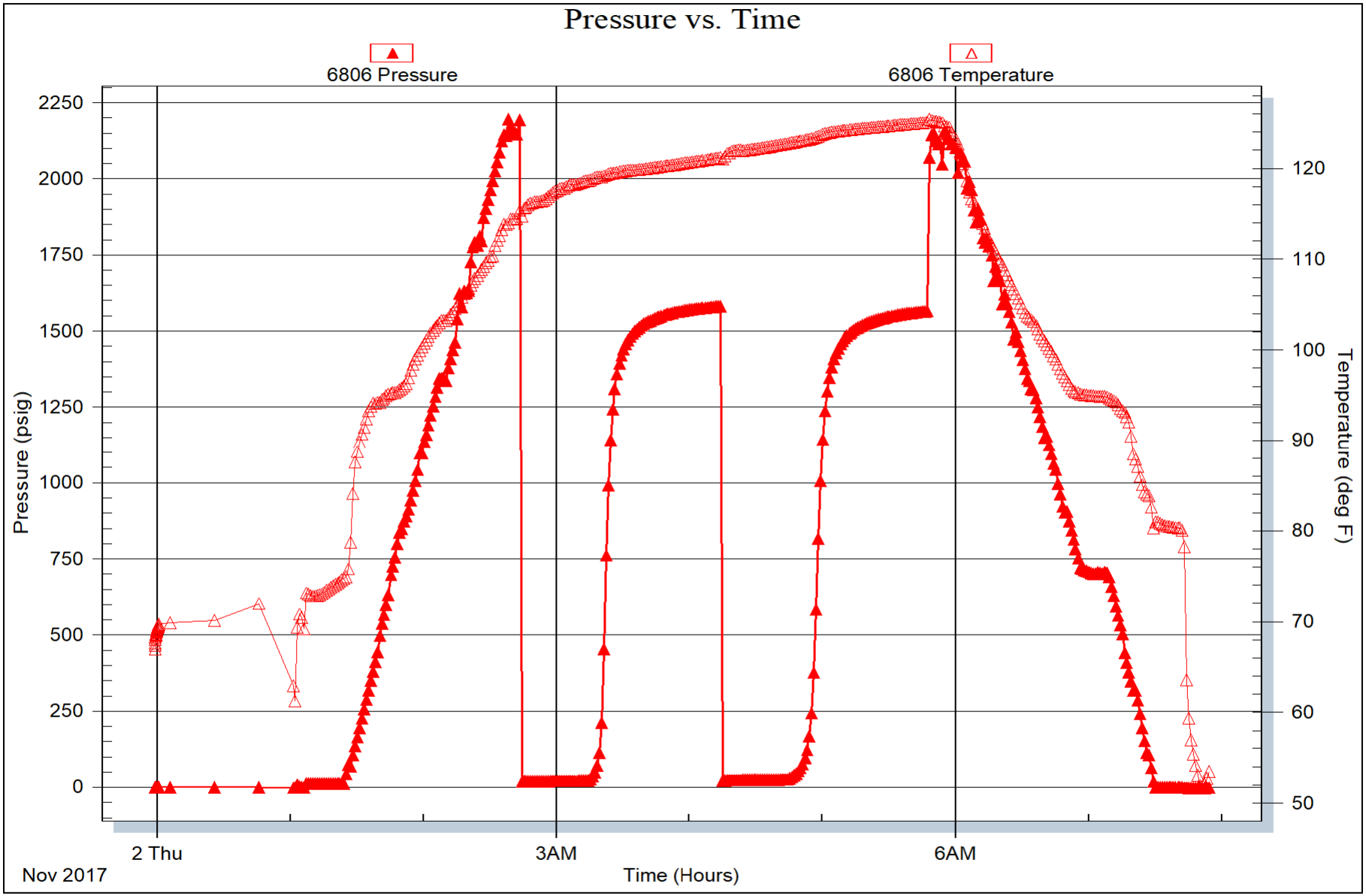
Recovery Comments: RW w as .13 @ 66 degrees

Serial #: 6798 | Vincent Oil Corporation | Jones Trust 4-23 | DST Test Number: 5



Trilobite Testing, Inc | Ref. No: 57848 | Printed: 2017.11.02 @ 08:07:49

Serial #: 6806 **Outside** Vincent Oil Corporation Jones Trust 4-23 DST Test Number: 5



Trilobite Testing, Inc Ref. No: 57848 Printed: 2017.11.02 @ 08:07:49

Scale 1:240 Imperial

Well Name:	Jones Trust #4-23		
Surface Location:	E2 NW NE NW 23-28S-8W		
Bottom Location:			
API:	15-095-223114-00-00		
License Number:	5004		
Spud Date:	10/21/2017	Time:	1:30 PM
Region:			
Drilling Completed:	11/1/2017	Time:	6:08 PM
Surface Coordinates:	330' FNL & 1929' FWL		
Bottom Hole Coordinates:			
Ground Elevation:	1612.00ft		
K.B. Elevation:	1621.00ft		
Logged Interval:	3100.00ft	To:	4433.00ft
Total Depth:	4433.00ft		
Formation:	Hertha		
Drilling Fluid Type:	Chemical, Water based		

OPERATOR

Company:	Vincent Oil Corporation		
Address:	200 W Douglas Ave Ste 725 Wichita, KS 67202		
Contact Geologist:	Dick Jordan		
Contact Phone Nbr:	316.262.3573		
Well Name:	Jones Trust #4-23		
Location:	E2 NW NE NW 23-28S-8W	API:	15-095-223114-00-00
Pool:	Development	Field:	Garlisch SW
State:	KS	Country:	USA

CONTRACTOR

Contractor:	Duke Drilling Co., Inc.		
Rig #:	4		
Rig Type:	Rotary		
Spud Date:	10/21/2017	Time:	1:30 PM
TD Date:	11/1/2017	Time:	6:08 PM
Rig Release:	11/3/2017	Time:	12:00 PM

LOGGED BY

Company:	Vincent Oil Corporation		
Address:	200 W Douglas Ave Ste 725 Wichita, KS 67202		
Phone Nbr:	316.262.3573		
Logged By:	Geologist	Name:	Tom Dudgeon

SURFACE CO-ORDINATES

Well Type:	Vertical		
Longitude:	-98.1652418	Latitude:	37.6027909

Longitude:	-98.1652418	Latitude:	37.6027909
N/S Co-ord:	330' FNL		
E/W Co-ord:	1929' FWL		

ELEVATIONS

K.B. Elevation:	1621.00ft	Ground Elevation:	1612.00ft
K.B. to Ground:	9.00ft		

TOTAL DEPTH

Measurement Type:	Measurement Depth:	TVD:
RTD	4433.00	4437.00
LTD	4437.00	4437.00

DRILLING FLUID SUMMARY

Type	Date	From Depth	To Depth
Chemical	10/24/2017	3022.00ft	4433.00ft

OPEN HOLE LOGS

Logging Company:	ELI Wireline		
Logging Engineer:	Jason Cappellucci		
Truck #:	3802		
Logging Date:	11/2/2017	Time Spent:	6
# Logs Run:	4	# Logs Run Successful:	4

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
Dual Induction	0.00ft	4437.00ft	2.00		1
CD/NEU/PE	3100.00ft	4437.00ft	2.00		1
Mirco	3100.00ft	4437.00ft	2.00		2
Sonic	0.00ft	4437.00ft	2.00		3

LOGGING OPERATION SUMMARY

Date	From	To	Description Of Operation
10/24/2017	0.00ft	4437.00ft	Logs ran successrully, DI/NDE run #1, Micro ran alone with Gamma

CASING SUMMARY

	Surface	Intermediate	Main
Bit Size	12.25 in		12.25 in
Hole Size	7.88 in		7.88 in

	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8.625 in	306 ft	23#	7	10/22/2017 4:15 AM
Int Casing					
Prod Casing	4.5 in	4228 ft	10.5#	99	11/3/2017 9:45 AM

CASING SEQUENCE

Type	Hole Size	Casing Size	At
23# Surface	12.25 in	8.63	306.00 ft
10.5# Production	7.88 in	4.50	4228.00 ft

NOTES

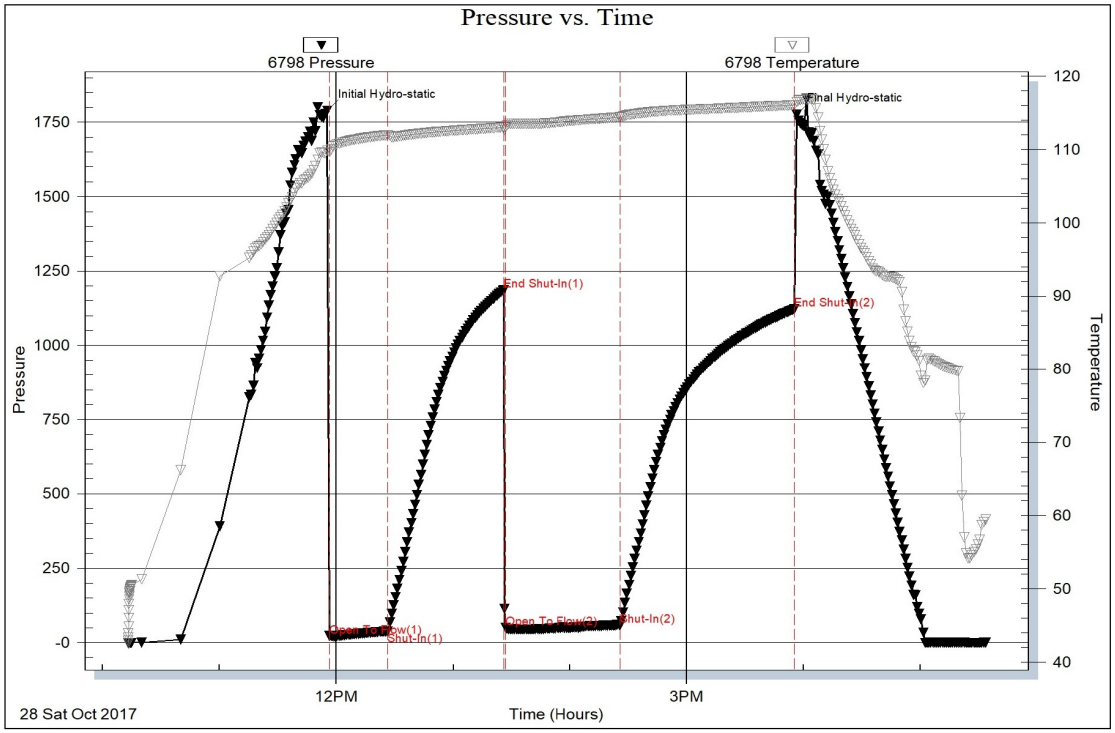
10/22/2017 - Lost/Broken Collar, Fishing, Resumed Drilling @ 10:45 PM
10/23/2017 - Stuck Drill Pipe, worked free (2 Hours), Drilling ahead
10/24/2017 - Lost Drill Collar, fishing, new collars on location. Resumed Drilling @ 5:30 PM
10/26/2018 - Displace Mud @ 3022'
10/28/2017 - DST #1
10/29/2017 - DST #2
10/30/2017 - DST #3
10/31/2017 - DST #4
11/1/2017 - DST #5
11/2/2017 - Logging/Running Casing

Cement-
Surface - 275sx 60/40 Poz(2% Gel, 33%CC, 1/4# Flo-seal/sx
Completion - 170sx Pro-C cement(2% Gel, 10% Salt & 5# Kocosl/sx), landed plug @ 1200#, float held, plug down @

Completion - 170sx Pro C cement(2% Gel, 10% Salt & 5# Koseal/sx), landed plug @ 1200#, float held, plug down @ 9:45 AM, 11/3/2017

DST #1

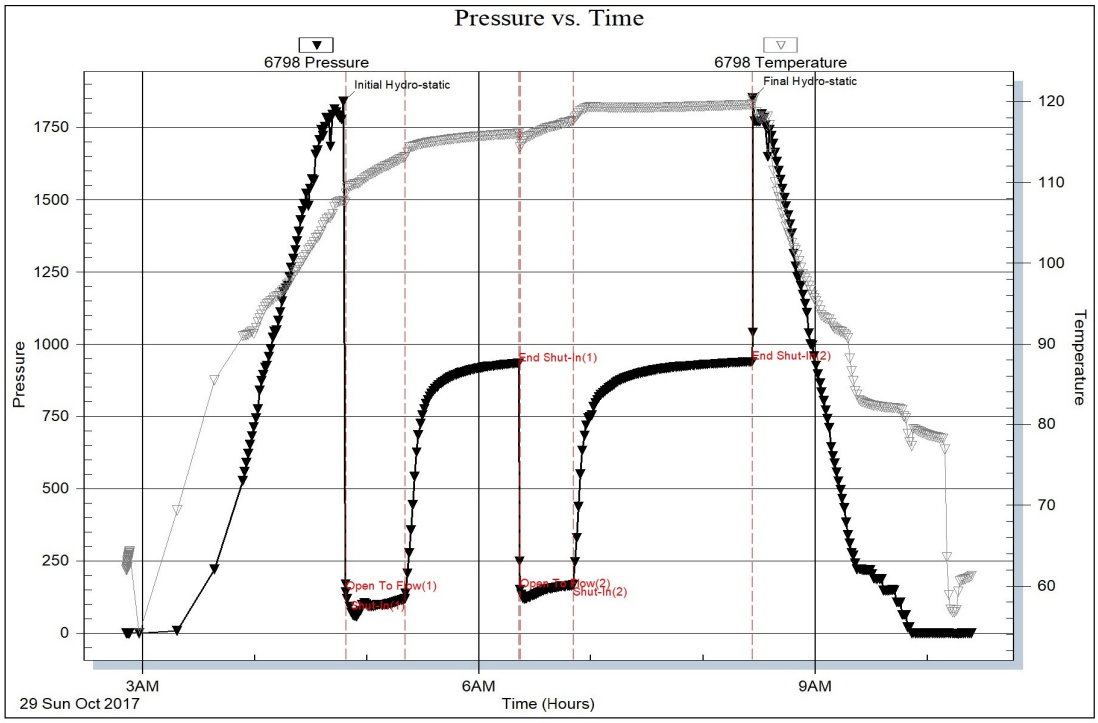
Serial #: 6798 **Inside** Vincent Oil Corporation Jones Trust #4-23 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 57844 Printed: 2017.11.02 @ 11:30:32

DST #2

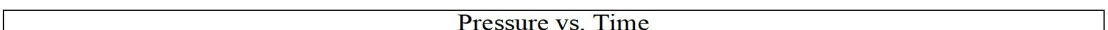
Serial #: 6798 **Inside** Vincent Oil Corporation Jones Trust #4-23 DST Test Number: 2

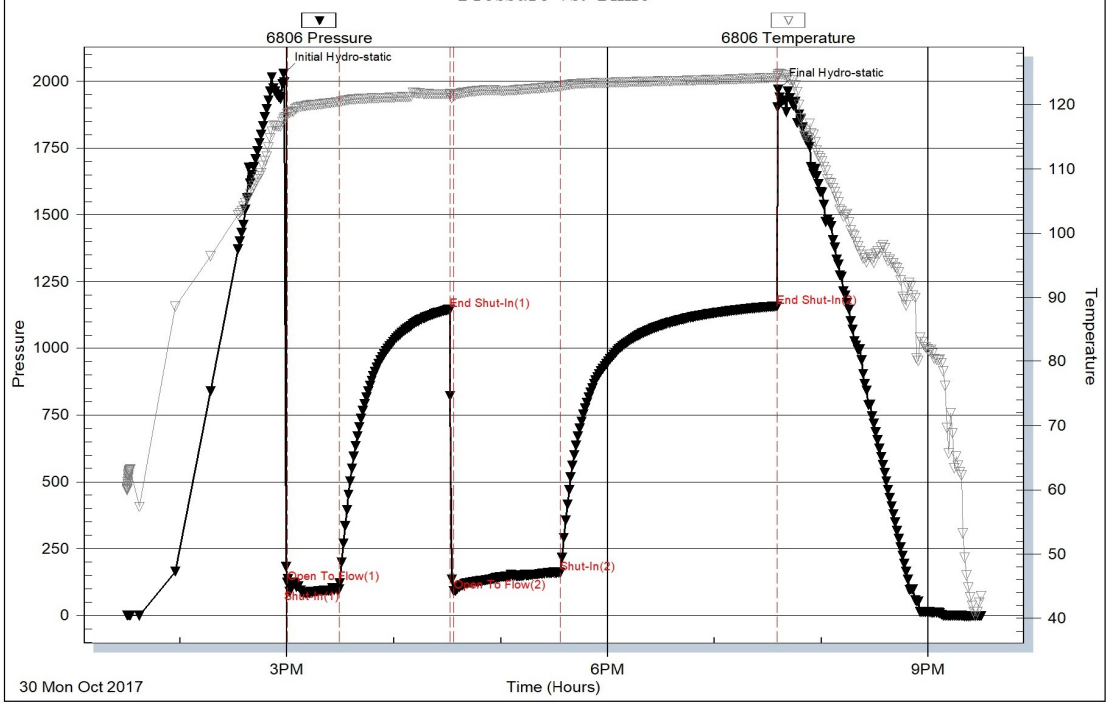


Trilobite Testing, Inc Ref. No: 57845 Printed: 2017.11.02 @ 11:19:50

DST #3

Serial #: 6806 **Outside** Vincent Oil Corporation Jones Trust #4-23 DST Test Number: 3

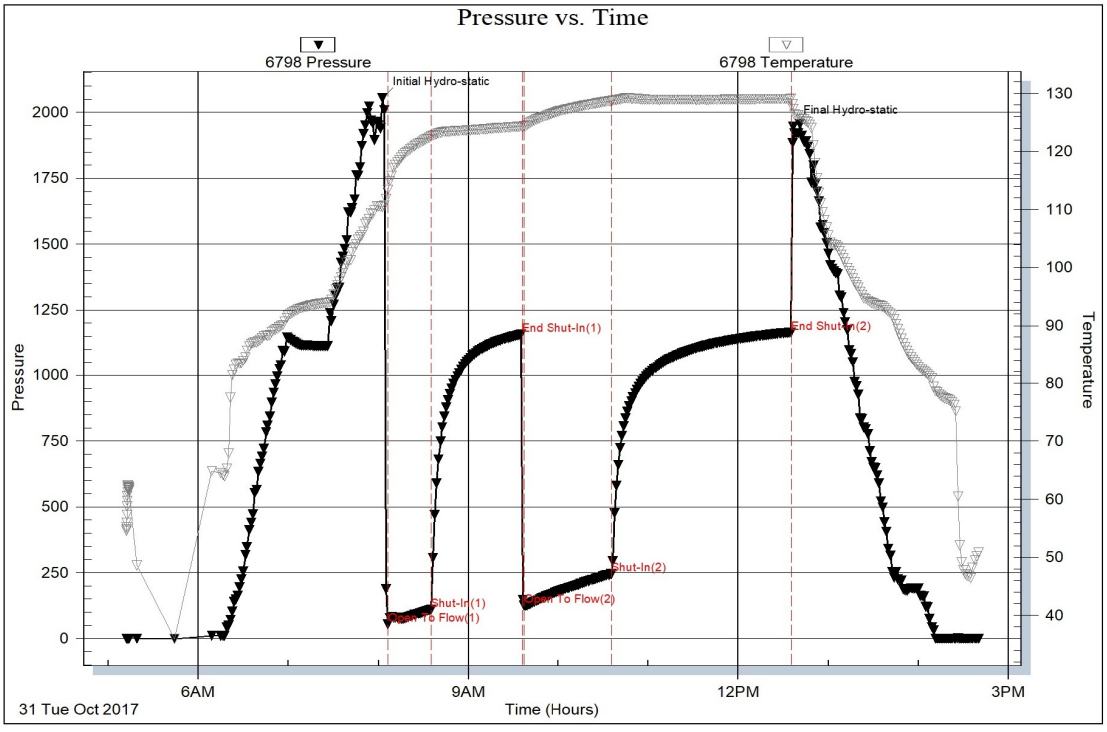




Trilobite Testing, Inc Ref. No: 57846 Printed: 2017.11.02 @ 11:26:22

DST #4

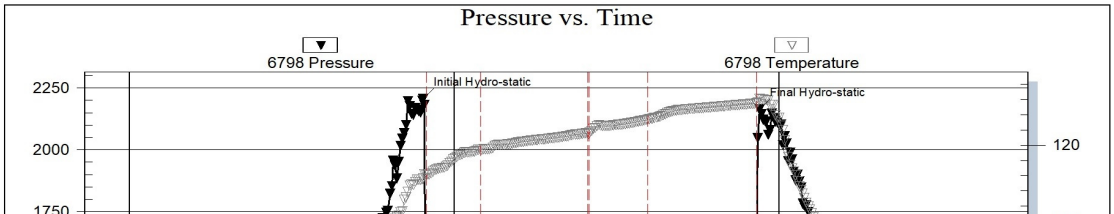
Serial #: 6798 **Inside** Vincent Oil Corporation Jones Trust #4-23 DST Test Number: 4

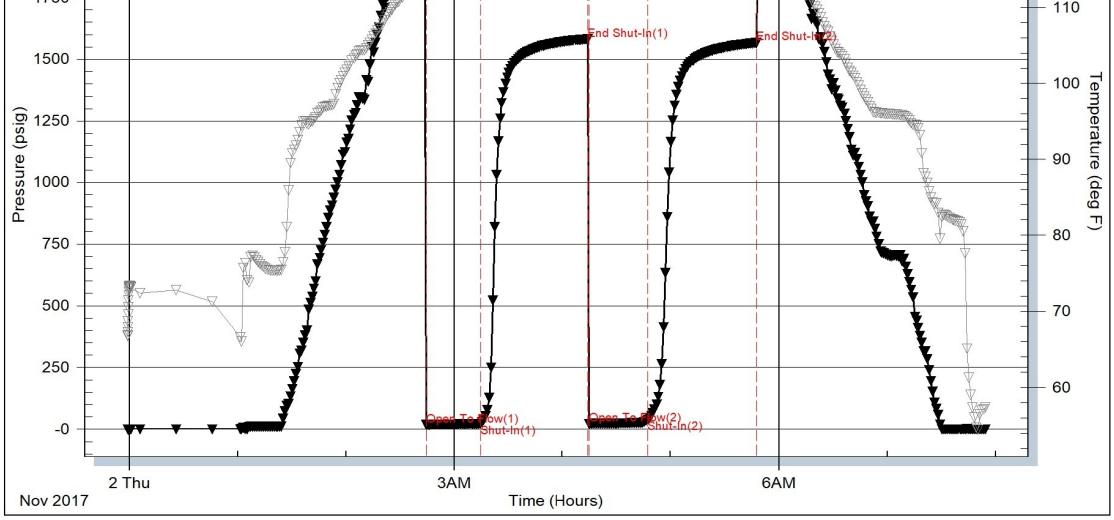


Trilobite Testing, Inc Ref. No: 57847 Printed: 2017.11.02 @ 11:30:06

DST #5

Serial #: 6798 **Inside** Vincent Oil Corporation Jones Trust #4-23 DST Test Number: 5





Trilobite Testing, Inc Ref. No: 57848 Printed: 2017.11.02 @ 11:29:32

ROCK TYPES

Cht, Coal, Dolsec, Lmst fw<7, Lmst fw7>, Ss, Shgy, Shblck

ACCESSORIES

MINERAL
- Calcareous
- Chert, dark
- Glauconite
- Heavy, dark minerals
- P Pyrite
- Sandy
- Silty
- Euhed rhombs of dol or
- Chert White

FOSSIL
- Crinoids
- F Fossils < 20%
- Oolite

STRINGER
- Sandstone

TEXTURE
- C Chalky
- FX FinexIn

OTHER SYMBOLS

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

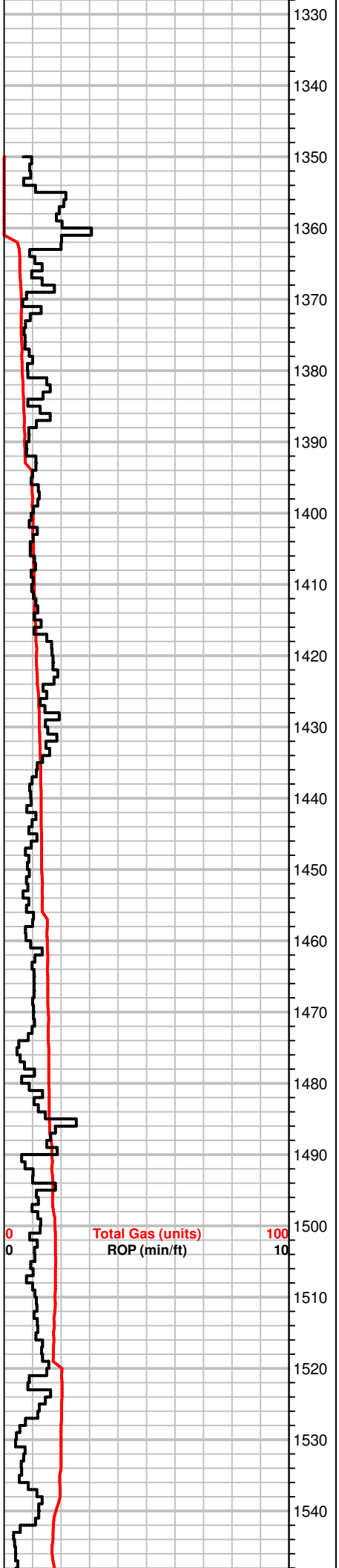
OIL SHOWS
- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- O Questionable Stn
- D Dead Oil Stn
- Fluorescence

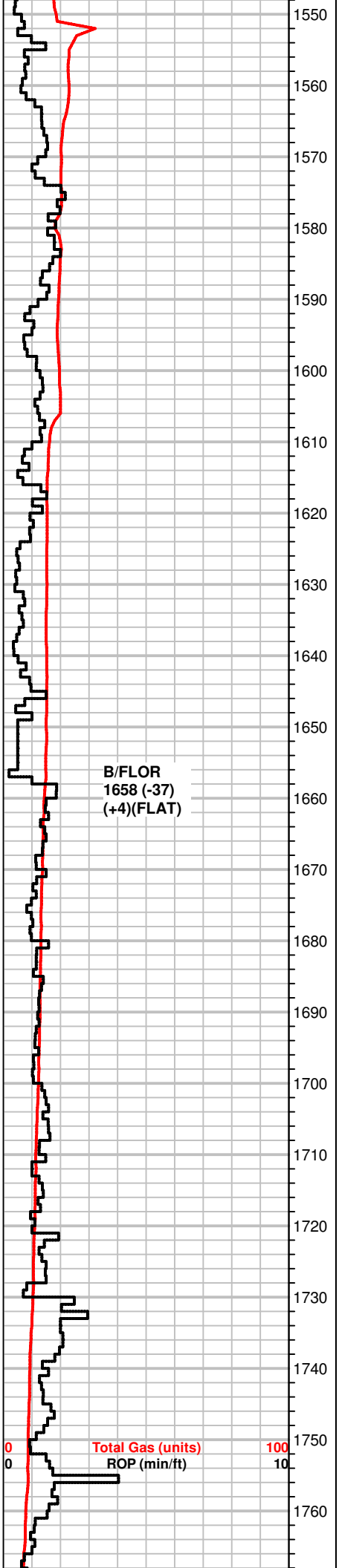
INTERVALS
- Core
- DST

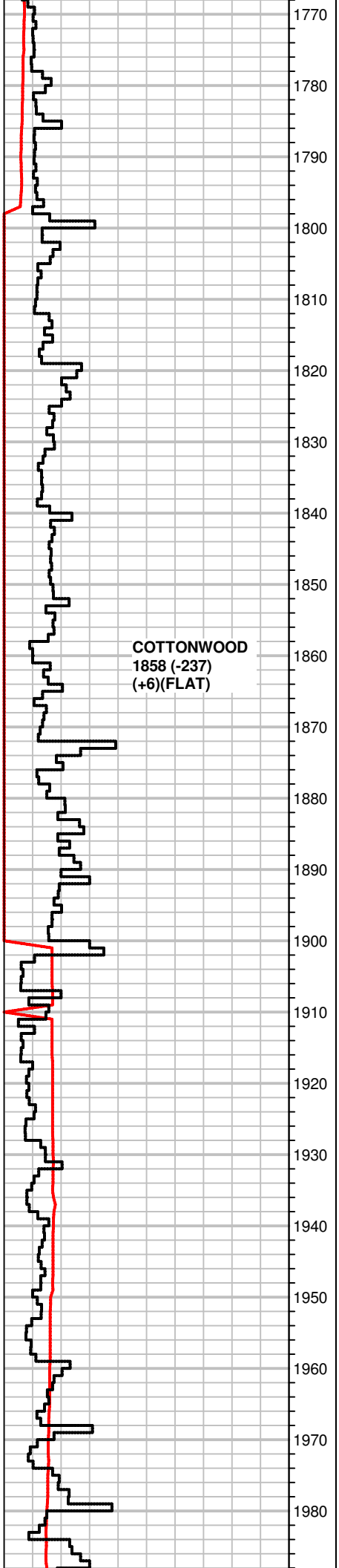
Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

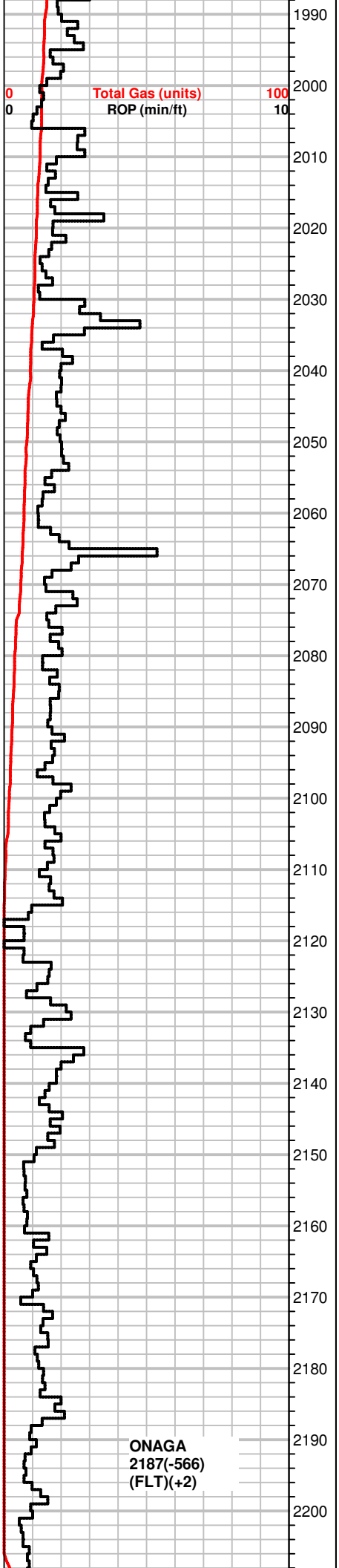
Curve Track #01
Total Gas (units)
ROP (min/ft)
1:240 Imperial

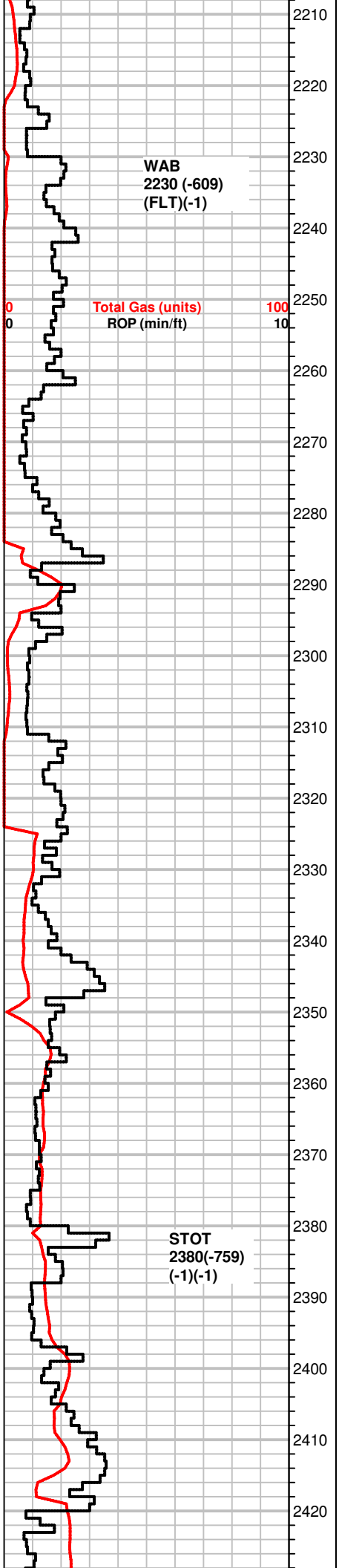
Depth | Intervals (Cored Interval / DST Interval)	Porosity Types	Interpreted Lithology	Oil Shows	Geological Descriptions	Comment
0 Total Gas (units) 100 0 ROP (min/ft) 10 1310 1320				Geo on Location @ 4PM 10/26/2017 KB 1621 Ref. wells A. Jones Trust 3-23 23-28s-8w B. Fairchild 2-14 14-28s-8w	

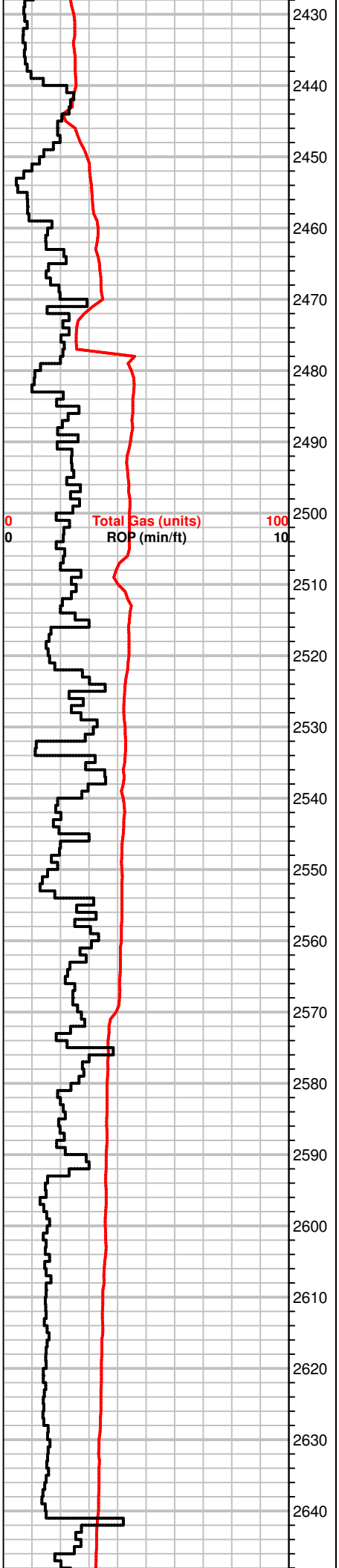

1330
1340
1350
1360
1370
1380
1390
1400
1410
1420
1430
1440
1450
1460
1470
1480
1490
1500
1510
1520
1530
1540
0
Total Gas (units)
100
0
ROP (min/ft)
10

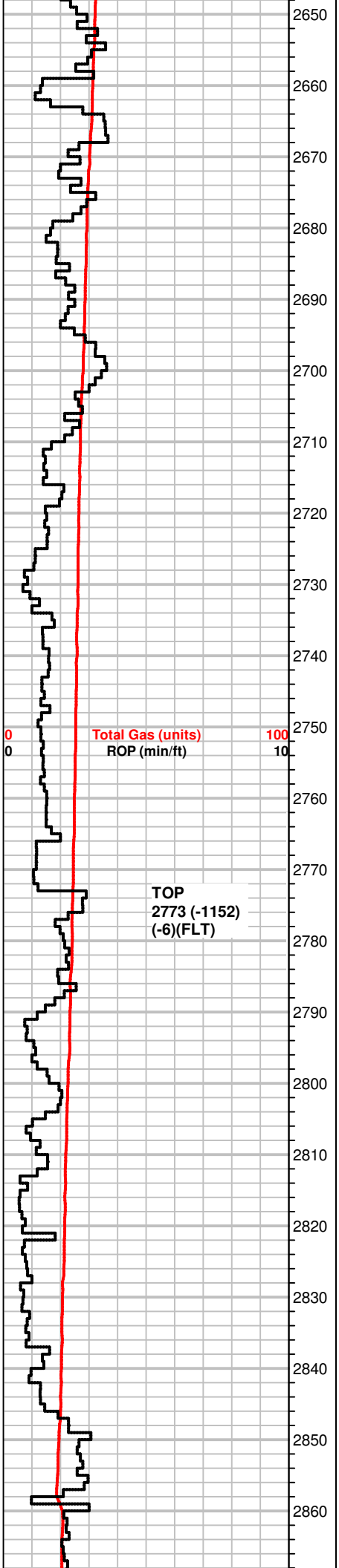

1550
1560
1570
1580
1590
1600
1610
1620
1630
1640
1650
B/FLOR
1658 (-37)
(+4)(FLAT)
1660
1670
1680
1690
1700
1710
1720
1730
1740
1750
0
Total Gas (units)
100
0
ROP (min/ft)
10
1760

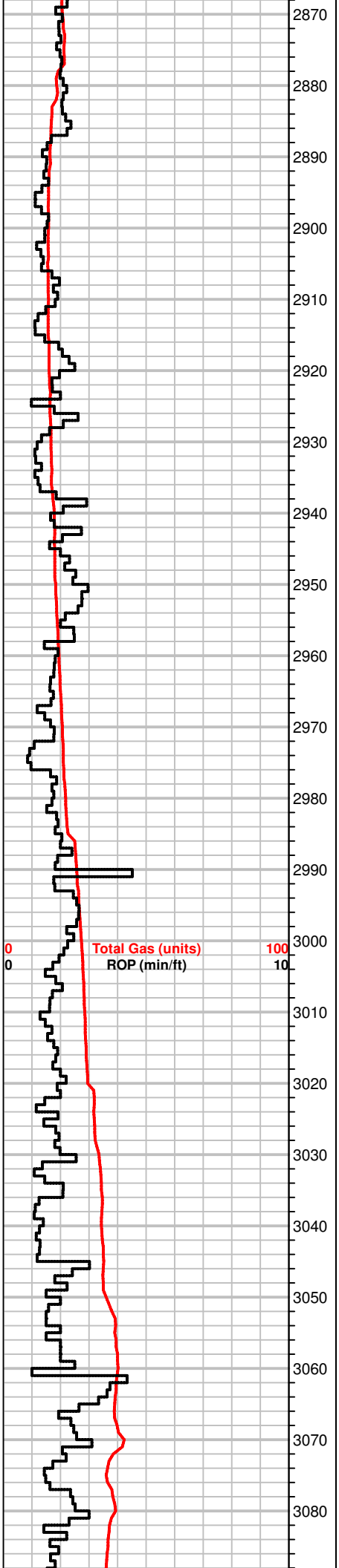

1770
1780
1790
1800
1810
1820
1830
1840
1850
1860
1870
1880
1890
1900
1910
1920
1930
1940
1950
1960
1970
1980
COTTONWOOD
1858 (-237)
(+6)(FLAT)


0
Total Gas (units)
100
0
ROP (min/ft)
10
1990
2000
2010
2020
2030
2040
2050
2060
2070
2080
2090
2100
2110
2120
2130
2140
2150
2160
2170
2180
2190
2200
ONAGA
2187(-566)
(FLT)(+2)


WAB
2230 (-609)
(FLT)(-1)
0
Total Gas (units)
100
0
ROP (min/ft)
10
STOT
2380(-759)
(-1)(-1)
2210
2220
2230
2240
2250
2260
2270
2280
2290
2300
2310
2320
2330
2340
2350
2360
2370
2380
2390
2400
2410
2420

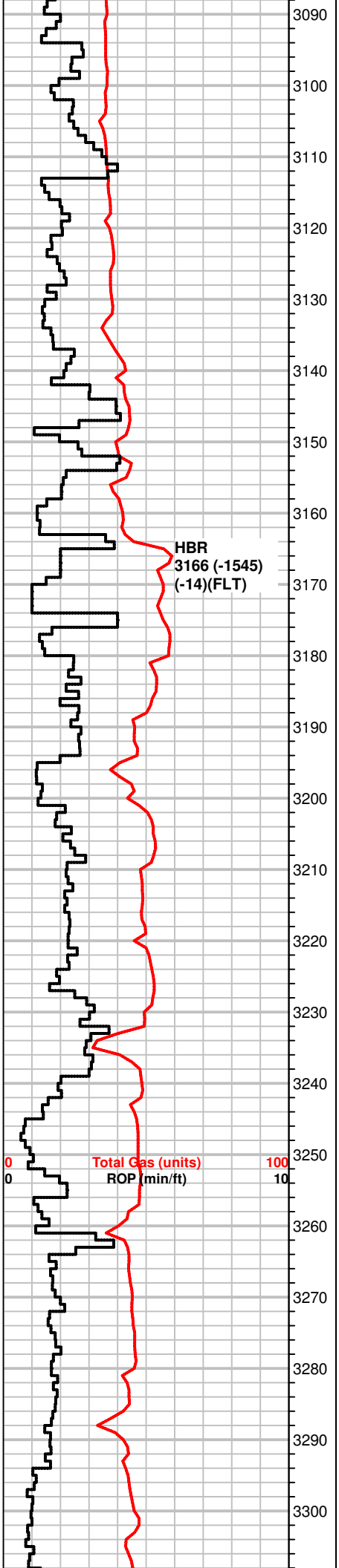

0
Total Gas (units)
100
0
ROP (min/ft)
10
2430
2440
2450
2460
2470
2480
2490
2500
2510
2520
2530
2540
2550
2560
2570
2580
2590
2600
2610
2620
2630
2640

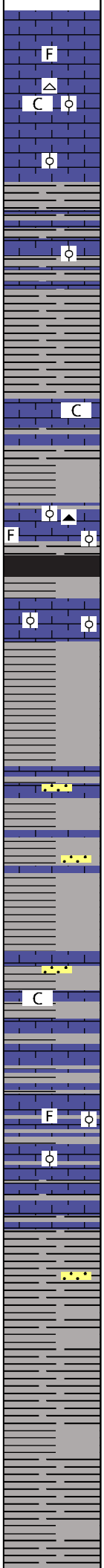

0
Total Gas (units)
100
0
ROP (min/ft)
10
TOP
2773 (-1152)
(-6)(FLT)
2650
2660
2670
2680
2690
2700
2710
2720
2730
2740
2750
2760
2770
2780
2790
2800
2810
2820
2830
2840
2850
2860



DISPLACE MUD @ 3022'

POOR SAMPLES 3050-3090
MOSTLY COTTON SEED HULLS





3090
3100
3110
3120
3130
3140
3150
3160
3170
3180
3190
3200
3210
3220
3230
3240
3250
3260
3270
3280
3290
3300

Influx MS, crm to tan, earthy txt, some pcs chalky, soft, scatt fossil frgmts
SH, gray, green, fresh

MS, crm, vf-xln, frim, sli. chalky, Chert, wht
SH, dk. gray, grays

MS, crm to gray, f-xln, hard, to firm, dense pcs, chalky to rare fossilif. pcs(micro oolitic), NS, some SH, dk. gray

SH, blk, dk. gray, carb.
rare MS, crm to lt. gray, f-xln, dense, scatt fossils, NS

SH, blk, dk. grays, carb.
scatt MS, crm to lt. gray, rare fossils, hard, NS

INFLUX SH, blk, dk. gray, limy in part
MS, crm to tan/brn, f-xln to earthy pcs, soft, chalky, silty, NS

SH, blk, carb., gray
MS, off wht to crm, f-xln to chalky

SH, blocky, blk, dk. gray, blueish-gry, sli. carb.
MS-WS, crm to off wht, chalky to m-xln, oolitic to fossilif. pcs, soft, friable, some Chert, gray, off wht.

+15 UGK, shale gas

SH, grays
MS, off wht to crm, chalky to earthy, sub oolitic in part, rare fossils, NS

SH, blk,grays

SH, grays
MS, crm to gray, chalky to earthy, silty to sandy in part, firm to soft, rare calcite/fossils, NS

60 Vis
9.0 Wt

SH, grays, dk. gray, green

SH, gray to blk
rare MS, tan to crm, f-xln to chalky

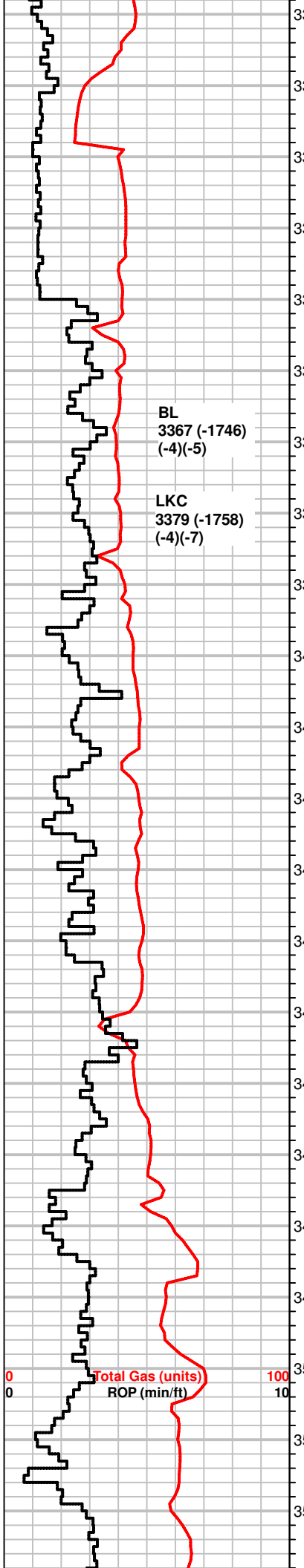
MS, crm to lt. brn, f-xln, to earthy, friable, some fossils, shaly mottled pcs, NS
SH, blk, brn, grays

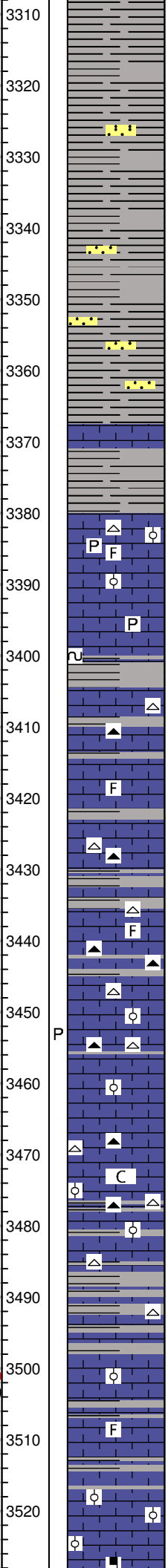
57 Vis
8.6 Wt
2# LCM

SH, blk, brn, gray
MS, brn to crm, f-xln, dense, shaly, NS, dec. amt

SH, blk, grays

SH, blk, gray, green





SH, blk, gray

SH, blk, gray, green, brn, sandy pcs

SH, blk, gray, green, sandy/silty

SH, grays, green, sandy

MS, brn to crm, f-xln, dense, scat fossils, friable, mottled in part, NS

SH, grays, brn, green

MS, crm to tan, f-xln, shaly pcs, fossils throughout, pyrite, Cherty pcs, brn

MS-WS, crm to lt. gray, f-xln, waxy to chalky txt in pt. firm, friable pcs, some sub oolitic, fossilif., glauc, pyrite,
rare SH, gray green

56 Vis
8.7 Wt
2# LCM

WS-MS, lt. gray to crm, f-xln, fossilif, Cherty frgmts, hard to firm, scatt SH, gray

MS-WS, crm, tan, gray, f-xln to m-xln, fossils, friable, dull fluor, NS

MS, crm to tan, chalky to f-xln, soft to hard pcs, rare fossils, Chert, gray, wht, sli. inc SH, gray, green

MS, crm, lt. gray, tan, f-xln, oolitic to fossilif., rare dense pcs, most chalky in part, soft, NS, Chert, blk, blocky, white

MS, off wht to lt. gray, f-xln, suboolitic, some dense, firm to friable, scatt fossils, Chert, brn, opaque, PP por.

MS, brn to crm, f-xln, dense, chalky to some silty pcs scatt, dull fluor, NS

MS-WS, tan to lt. gray, f-xln mottled pcs, fossilif in part(crinoids, fusilinids), scatt chalky pcs, Cherty pcs, tan, blk

WS-MS, tan to brn, gray, f- to m-xln, fossilif, sub oolitic, NS
SH, gray

MS, crm to brn, gray, f- to mic-xln, massive txt, dense, gritty in part, Chert, opaque, gray, NS
SH, gray

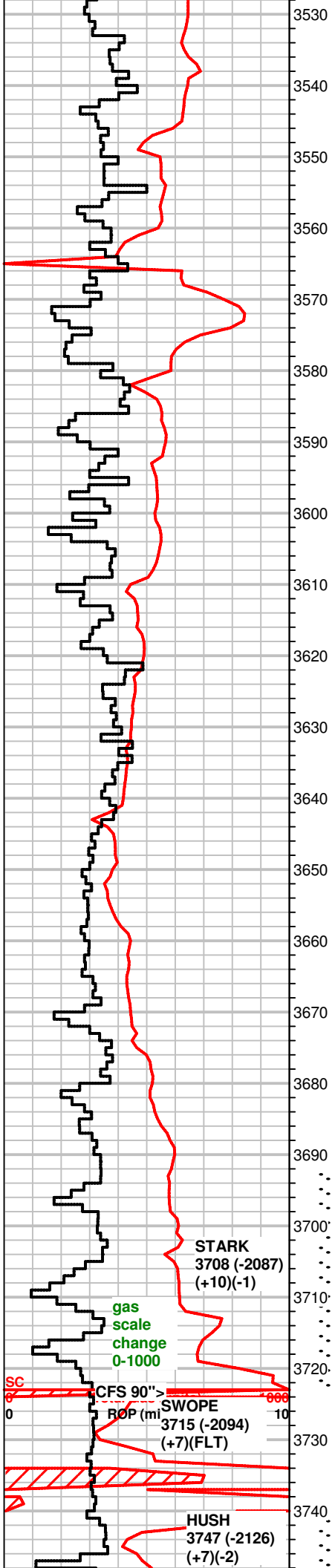
MS-WS, brn to crm, f-xln to vf-xln, dense, some gritty A.A., rare fossils, NS

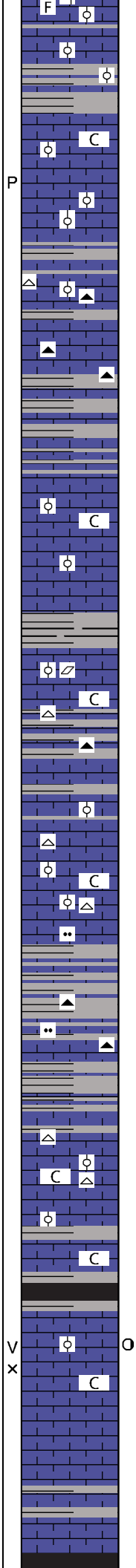
MS, crm, tan, brn, f-xln, hard/dense, some pcs mottled, rare fossils, calcite, NS
rare SH, gray

53 Vis
9.0 Wt
3# LCM

SH, gray, green
MS, gray, crm, tan, vf-xln to chalky, firm, NS

MS, gray to crm, chalky to f-xln, soft to firm pcs, some silty to





sandy, rare fossils, rare mineral inclusions, NS

WS-MS, rare PS tan to crm, f-xln, f-gr oolitic, dark ooids in chalky matrix, fossilif., some pcs dense, NS
scatt SH, gray

Rare WS, A.A., MS, crm to gray, f-xln, gritty, dense

MS, gray to crm, f-xln, hard to firm, silty to mottled txt, dull fluor, NS, rare pp por.

Working on Kelly rollers @ 3556

Bit Trip @ 3566'

MS, crm to tan, gray, f-xln, gritty pcs, friable, some chalky, Chert, gray, wht, fossilif.
some SH, gray, green

MS, crm to gray, f-xln, firm, rare fossils, rare gray Dolo, vf-xln, sugary txt, tite, NS, Chert, brn, gray, fossilif.

MS, crm to tan, f-xln, soft, crm pcs chalky, some hard, rare sandy pcs, NS
scatt SH, gray

55 Vis
9.0 Wt
2# LCM

MS, crm to tan, rare gray, f-xln, friable pcs, most dense, scatt chalky, rare fossils, NS

MS, lt. gray to crm, f-xln, firm to hard, some pcs massive txt, dense, silty in pt.

MS, gray to tan, f-xln, hard, some suboolitic pcs, scatt fossils, rare calcite
rare SH, blk

MS, gray to crm, mic-xln, waxy looking, dense to chalky, soft/friable, fractured? Chert, white, gray

DST #1 3692-3723
SWOPE
30-60-60-90
SB BOB/3min
NBB
SB BOB/immed
GTS/33min, TSTM
WBB/surf blow
3584' GIP
Rec: 100' GOCM
(20g,20o,60m)
IH 1788#
IF 22-37#
ISIP 1186#
FF 50-58#
FSIP 1122#
FH 1776#
Temp 116*F

MS-WS, crm to tan, f-xln, chalky matrix, fossils, friable Chert, wht.

MS, gray, scatt crm, f-xln, gritty txt, dense to brittle rare Chert frgmts, tan, NS, rare SH, gray(shaly lime)

MS, A.A., mostly gray, some shaly, scatt mottled pcs, fossils Chert, brn

SH, grays,
MS, brn to gray, f-xln to massive txt, some pcs gritty, NS

MS, gray to brn, chalky to dense, fossillif., SH, gray
Chert, white, tan

SH, blk, grays, gas bubbles
MS-WS, brn to crm, gray, m-xln, silty to sandy, fossils, chalky

+15 UGK, shale gas

MS-WS, crm to brn, chalky to f-xln, brittle, fossils, **scatt bright fluor, no odor, live oil droplets in tray, rare bright fluor in tray, slow milky cut(1pc), resid. ring cut(2pcs)**, lt. stn in dry, vuggy to int-xln por.

+35 UGK, +17 UGK recycle

MS, crm to gray, f-xln to mic-xln, dense, scatt fossils, NS

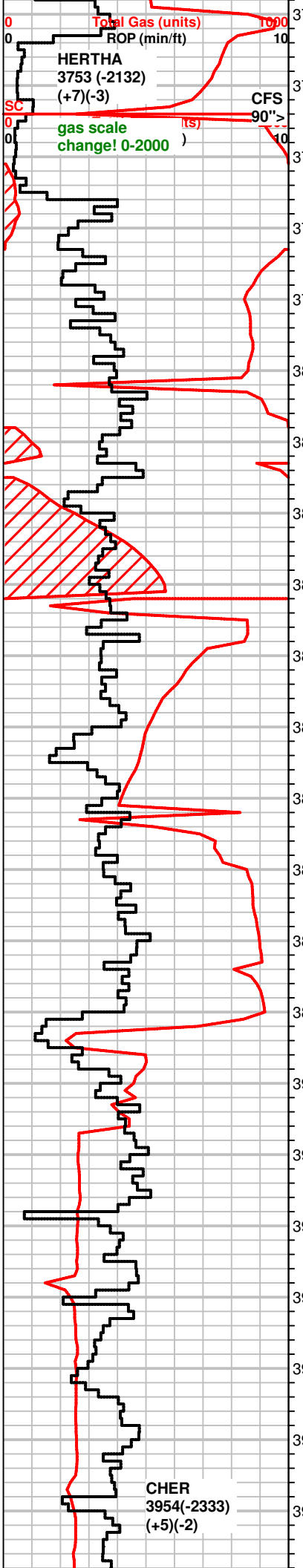
PIPE STRAP 1.33' LONG NO CORRECTION

MS, gray to brn, mic-xln, dense, hard, rare fossils,

59 Vis
9.4 Wt
2# LCM

MS, gray, mic-xln, dense, some pcs sandy, NS

SH, blk, gray, silty in part, some pcs bleeding gas



3750'
3760'
3770
3780
3790
3800
3810
3820
3830
3840
3850
3860
3870
3880
3890
3900
3910
3920
3930
3940
3950
3960

WS-PS, crm to brn, f-xln, firm, suboolitic to oolitic, friable, some pcs chalky, moldic por., **strong odor in bag and when pcs broken, gd spty to even stn, bleeding oil, inst. streaming cut,** Chert, brn, wht, fossils

MS-WS, gray to crm/brn, f-xln, some pcs chalky, fossils, rare moldic pcs(carrying?)
SH, grays, green

Influx SH, gray, blk, platy, WS-MS, brn to crm, f- to mic-xln, massive, dense, scatt oolitic pcs, Chert, milky white, NS

SH, gray, green, silty
WS, crm to brn, m-xln, chalky matrix, oolitic, NS

MS to rare WS, crm to gray, f-xln, friable, chalky in part, oolitic/moldic, scatt dark ooids in tite matrix, NS

MS-WS, brn to gray, f-xln, massive txt, oolitic/moldic pcs scatt (carrying?), some pcs shaly to sandy, rare Chert, lt. gray

MS, gray to brn, vf-xln, massive, dense, tite, rare fossils, NS, some SH, grays, limey

MS, brn to dk. gray, f-xln, dense, scatt fossils/oolites

SH, blk, gray, limey pcs
MS, crm to gray, f-xln, dense, scatt fossils, NS

MS, tan to brn, scatt gray pcs, mic to f-xln, dense, scatt oolitic pcs, partly chalky, NS

SH, gray,, green, waxy
MS, crm to tan, f-xln to chalky, some fossils, sub oolitic pcs, NS

MS-WS, gray to crm, f-xln, dense to soft, chalky in part, mineral spces/mottled pcs, some SH, sea green, grays

MS, ctm to tan, f-xln, massive, brittle pcs, gritty txt in part, scatt fossils, NS, Chert, tan, fossils

MS, gray, f-xln, dense, scatt Chert frgmts(tan), in dense matrix, calcite rare, NS, some SH, brn

MS-WS, crm to gray, f-xln, soft to dense, chalky pcs, scatt fossils, NS, some SH, blk, grays, fissile pcs

MS-WS, crm to gray, A.A., NS
SH, gray, silty

MS-WS, brn to gray, f-xln, chalky, mottles pcs, fossils, some pcs oolitic, dense, NS, scatt SH, gray

MS, crm to gray, vf-xln, to chalky txt, soft to dense pcs, some oolitic, sandy in part, NS

MS, crm to gray, f-xln, firm, shaly pcs, fossils, NS
SH, grays, green, sandy

MS, crm to gray, mic to f-xln, dense, some A.A., NS, Chert, wht, SH, gray

MS, brn to crm, f-xln, dense, rare fossils, dull fluor, NS

+120 UGK, shale gas

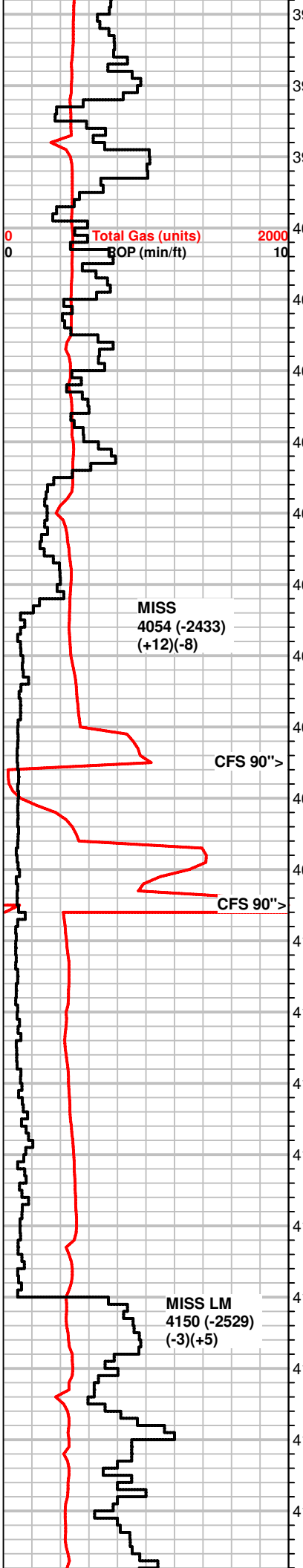
+500 UGK, +400 UGK recycle

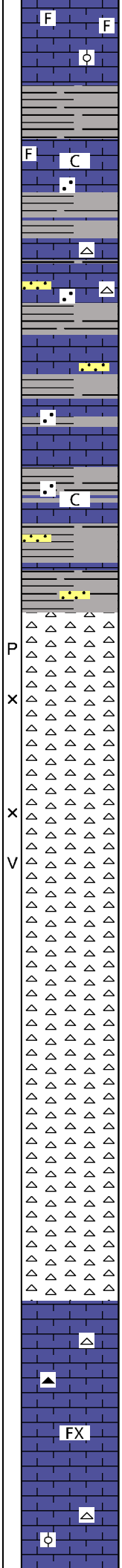
68 Vis
9.1 Wt
2# LCM

DST #2 3740-3765
HERTHA
30-60-30-90
SB BOB/30sec, GTS
17/min
Ga on 1/4in choke
9.518 MCF/20"
11.105 MCF/30"
3in BB
SB BOB/immed
Ga on 1/4in choke
9.518 MCF/10"
11.105 MCF/20"
11.105 MCF/30"
2in BB
3337' GIP
Rec:282' GMCO
(30g,50o,20m)
126' GCO
(10g,90o)
IH 1839#
IF 142-118#
ISIP 943#
FF 150-166#
FSIP 936#
FH 1851#
Temp 120*F
Grav. 46.2 API

Jet #1 Pit @ 3840, Run Premix

53 Vis
8.3 Wt





MS, brn to crm, f-xln, dense, rare fossils, dull fluor, NS
SH, gray

MS-WS, crm to brn, f-xln, dense, some brittle, fossils, SH, dk. gray, gray, green

SH, blk, gray, MS, crm to gray, f-xln, dense, scatt fossils, some pcs chalky

MS, crm to gray, f-xln, sandy, fossils, Chert frgmts, tan/white, NS
SH, gray, green, sandy

SH, gray, dk. gray, sandy, MS, crm to brn, mic to f-xln, sandy to shaly pcs, some dense/massive, NS

Scatt MS, crm to tan, f-xln, snad to chalky, soft, NS

SH, gray, green, veri-colored, sandy, co-gr qtz grs
MS, crm to tan, mic to f-xln, dense to chalky, firm, NS

SH, blk, gray, gree, sandy in part
MS, crm, f-zln, dense looking, chalky matrix

SH, grays, green, brn, blk,

Chert, tan, brn, white, tripolitic/wthrd, NS, sample dominated by LS and SH

Chert, white, tan, green, wthrd white pcs, some fresh, faint odor in bag, tan stn, no cut, no fluor

Chert, white, tan, pale green, opaque, fresh(very few pcs) to wthrd pcs, tan stn, flash odor when broken, no fluor, no cut, rare vuggy por, int-xln por.

VERY LITTLE SAMPLE RECOVERY AFTER DST #4

Chert, white to bone white, most fresh, some scatt wthrd pcs, some w/ tan stn, no odor, no cut, no fluor, NS

VERY LITTLE SAMPLE RECOVERY AFTER DST#4

Chert, white, bone white, scatt blue-ish opaque pcs, majority fresh, scatt wthrd pcs, scatt tan stn, NS

MS, crm to brn, f-xln, dense, hard/brittle, scat sub oolitic to micro oolitic pcs, gritty looking, NS
Chert, brn

MS-WS, brn to crm, f-xln, hard to dense, scatt fossils, chalky in

DST #3 3978-4075
MISSISSIPPIAN
30-60-60-120
SB BOB/2min GTS/19 min
GA on 1/4in choke
15.864 MCF/20"
19.037 MCF/30"
FBB 2 inches
SB BOB/Immed
GTS/immed GA on 1/4 in choke
50.765 MCF/10"
63.456 MCF/20"
71.388 MCF/30"
76147 MCF/40"
82.493 MCF/50"
88.839 MCF/60"
FBB 3 inches
3825' GIP
Rec: 140' GCM
IH 2027#
IF 123-98#
ISIP 1147#
FF 92-160#
FSIP 1158#
FH 1967#
Temp 124*F

74 Vis
9.1 Wt
1#

+80 UGK

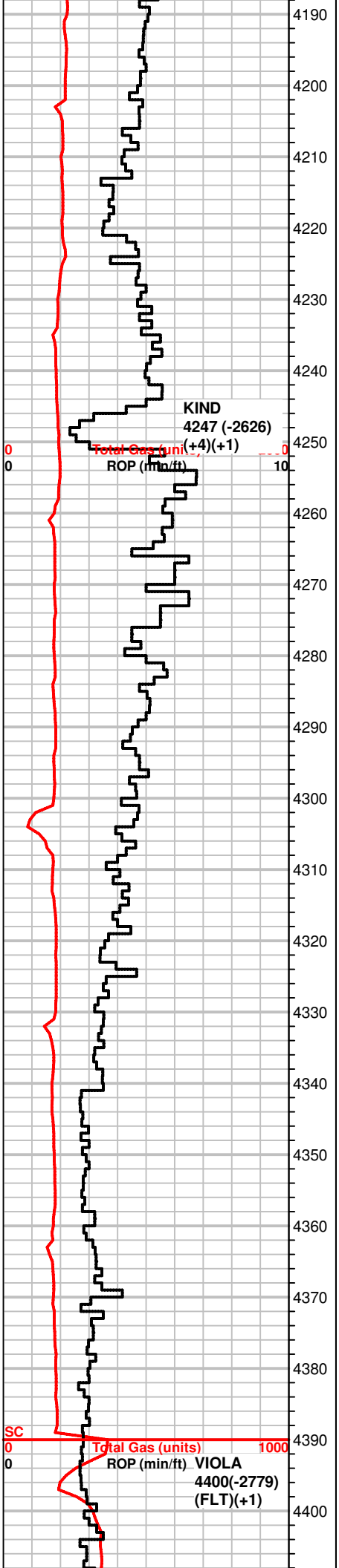
+460 UGK

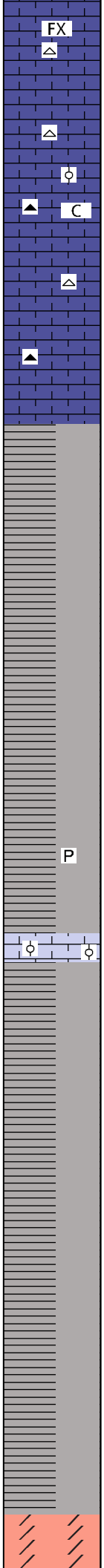
+400 UGK followed by GAS IN SYSTEM RECYCLING FROM DST #3

63 Vis
9.0 Wt
2# LCM

DST #4 4073-4095
MISSISSIPPIAN
30-60-60-120
SB BOB/30sec
GTS/22min, TSTM
WBB/ 1 inch
SB BOB/immed GTS/ immed, TSTM
WBB/1 inch
3623' GIP
Rec:
121' GMCW (5g,75w,20m)
315' Water
Temp 129*F
API Rw .15 @ 41*F
Cl 90,000ppm

59 Vis
8.8 Wt
2# LCM





MS-WS, brn to crm, f-xln, hard to dense, scatt fossils, chalky in part, Chert, gray, white, fossils

MS, brn to crm, f-xln, dense to massive mic-xln pcs, scatt gitty pcs, dull fluor, NS
Chert, white, brn, gray, fossils

MS-WS, brn to crn, f-xln, dense, hard, fossils, sub oolitic in part., dark ooids in dense matrix, NS, Chert, brn, wht

SH, gray, dk. gray, fissile to platy

SH, gray, to scatt dk. gray, purple(lavendar), striated pcs, blocky

SH, gray, lt. gray, pale green, mustard yellow, maroon

SH, varicolored, mostly lt. gray to gray

62 Vis
8.9 Wt
2# LCM

SH, grays., lt. green, Pyrite

SH, dk. gray, grays, rare blk, green, brn,
rare
rare PS, crm, f-xln, m-gr oolitic, tite calcite matrix, NS

SH, gray to lt. gray, vari colored pcs throughout, silty in part,

SH, grays, maroon, silty,

69 Vis
9.0+ Wt
1.5 # LCM

SH, gray, varicolored, silty pcs, rare fissile

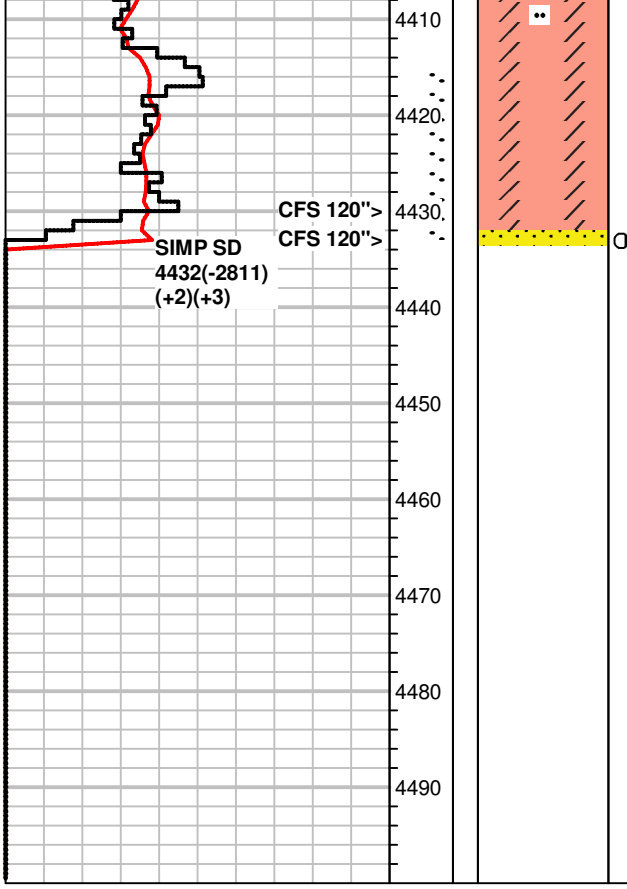
DST #5 4415-4433
VIOLA/SIMP SD
30-60-30-60
WB/1inch
NBB
WB/1inch
NBB
20' MCW (70w,20m)
IH 2205#
IF 17-24#
ISIP 1581#
FF 22-41#
FSIP 1566#
FH 2163#
Temp 126*F
Cl 62,000ppm
API Rw .13 @ 66*F

SH, dk. gray, gray, purple, brn, silty in pt.

SH, dk. to lt. gray, platy, silty pcs throughout

SH, dk. gray, gray, brn, lt. gray, green, Pyrite, sandy
rare SS clusters, vf-gr, well sorted, rnded, chalky,

Carrying SH
Very poor sample representation, Poor returns.
Rare Dolo(1pc), lt. gray, vf-xln, gritty txt, hard, NS



Rare Dolo(1pc), lt. gray, vf-xln, gritty txt, hard, NS

Dolo, brn, vf-xln, vf-sucrosic txt, some pcs f-xln, sandy looking, hard, tite, no fluor, no cut, **faint odor in bag**

+50 UGK, 20 UGK recycle

rare SS Clusters, clear to gray, vf to f-gr, well sorted, tite calcitic cement, hard, 1 pc w/ bright fluor, inst cut

+40 UGK,

Jet #1 @ 4400, Run Premix
57 Vis
9.1 Wt
2# LCM