

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	FRINK - REYNOLDS 2-33
Doc ID	1461671

All Electric Logs Run

Dual Induction
Density-Neutron
Micro log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	FRINK - REYNOLDS 2-33
Doc ID	1461671

Tops

Name	Top	Datum
Heebner Shale	4313	(-1796)
Brown Limestone	4454	(-1937)
Lansing	4462	(-1945)
Stark Shale	4802	(-2285)
Base Kansas City	4922	(-2405)
Pawnee	5016	(2499)
Cherokee Shale	5063	(-2546)
Base Penn Limestone	5163	(-2646)
Mississippian	5186	(-2669)
RTD	5090	(-2773)

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	FRINK - REYNOLDS 2-33
Doc ID	1461671

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
2	5186	5194			Treated perforations with 500 gal MCA
2	5206	5219			Treated perforations with 500 gal MCA
					Swab test all perfs for 5 hrs rec 42 bbls fluid avg 11.4% Oil, SDFN
					SITP 200#., FL at 3475' - 1675' free oil on top, swab 3hrs, final rate 4.4 bbl/hr 44% oil, SDFN
					SITP 100#, FL at 3550, 500' oil on top; treated all perfs with 2500 Gal 20% NEFE & 1000 lbs rock salt.

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	FRINK - REYNOLDS 2-33
Doc ID	1461671

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
					total load 89 bbls; rigged up to swab, swabbed 3 hrs , recovered 48 bbls of load, SDFN
					SITP 50#, SICP 300#; FL at 3800' with 500' oil on top. Swab 7 hrs, final rate 4.6 bbls/hr 65% Oil, SDFN
					SITP 10#, SICP 650#, FL at 3725' with 1000' oil on top; ran 2.3750" tubing to 5243', with BHP & rods
					Set surface equipment and laid production lines , turned well to production 3/20/2019

QUALITY WELL SERVICE, INC.

7051

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
2-1-19	33	28S	23W	FORO	Ks		
Lease Frank Reynolds		Well No. 2.33		Location Kingsdown, Ks 2N to Wilbourn Rd SW 120			
Contractor Duke Dalg Rig #7				Owner 1/2 N 1/2 E into			
Type Job SURFACE				To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size 12 1/4		T.D. 655'		Charge To Vincent Oil Corp			
Csg. 3 5/8		Depth 653'		Street			
Tbg. Size		Depth		City State			
Tool		Depth		City State			
Cement Left in Csg. 47.31		Shoe Joint 42.31		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace 39.08 Bbls		Cement Amount Ordered 125 sz MDC 3 1/2 CC 1/2' PS			
EQUIPMENT							
Pumptrk 8 No.	15		Common 150 sz				
Bulktrk 7 No.	TODD		Poz. Mix 125 sz				
Bulktrk 10 No.	JALC		Gel. 11				
Pickup No.			Calcium 10				
JOB SERVICES & REMARKS							
Rat Hole				Hulls			
Mouse Hole				Salt			
Centralizers				Flowseal 60.25			
Baskets				Kol-Seal			
D/V or Port Collar				Mud CLR 48			
Run 15 sz 3 5/8 23" csg set @ 653				CFL-117 or CD110 CAF 38			
csg on Bottom hook up to csg & break				Sand			
circ w/ rig				Handling 296			
START Pumping 10 Bbls H2O				Mileage 3500			
START mix: Pump 125 sz MDC L @ 12 1/4" pl				8 5/8 FLOAT EQUIPMENT			
START mix: Pump 150 sz Common @ 14.3 1/4" pl				Guide Shoe Baffle Plate			
SHUT DOWN				Centralizer WOODEN Plug			
REMOVE 3 5/8 WOODEN Plug				Baskets			
START DISP				AFU Inserts			
Plug down 2:45 500"				Float Shoe			
Close valve on csg				Latch Down			
Good circ thru 1003				SERVICE SUPERVISOR			
Circ CMT TO P.T				LMV 1/2			
Thank you				Pumptrk Charge 800			
PLEASE CALL AGAIN				Mileage 120			
TODD IS SURE							
Signature Duke Dalg				Tax			
				Discount			
				Total Charge			

QUALITY WELL SERVICE, INC.

7063

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
2-14-19	33	29S	23W	Foro	Ks		
Lease Frink-Reynolds		Well No. 2-33		Location Kinrossown, Ki. 2 N to Wilburn Rd			
Contractor Duke Delq Rig #7				Owner SW to 120 th Rd 1/2 N E 170			
Type Job 4 1/2 L.S.				To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size 7 7/8		T.D. 5290'					
Csg. 4 1/2 11.6		Depth 5289		Charge To Vincent Oil Corp			
Tbg. Size		Depth		Street			
Tool		Depth		City		State	
Cement Left in Csg. 21.62		Shoe Joint 21.62		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace 91.70		Cement Amount Ordered 225 sx Pro C			
EQUIPMENT				5 1/2 sx ROSEAL 10% SALT			
Pumptrk 9	No.	TJ		Common 225 sx Pro C			
Bulktrk 10	No.	JAKE		Poz. Mix			
Bulktrk	No.			Gel. 4			
Pickup	No.			Calcium			
JOB SERVICES & REMARKS				Hulls			
Rat Hole 30 sx				Salt 24			
Mouse Hole 20 sx				Flowseal			
Centralizers 1-3-5-7-9-11				Kol-Seal 1125 lbs			
Baskets				Mud CLR 48 500 GAL MUD Flush			
D/V or Port Collar				CFL-117 or CD110-GAF-88 CC-1 3 GALS			
Run 129 ft's 4 1/2 11.6' CSG SET @ 5289				Sand			
REG G. SHOE = AFU INSECT 1 ft = 2162				Handling 253			
CSG OP Bottom Drop Ball Hook up to CSG				Mileage			
BREAK CIRC W/ RIG 1 HR				4 1/2 FLOAT EQUIPMENT			
START Pumping 5 Bbls H ₂ O 12 Bbls MF 5 Bbls H ₂ O				Guide Shoe 1 EA			
START Plug R-M Holes				Centralizer 6 EA			
START Mix Pump 175 sx Pro C down CSG				Baskets			
SHUT DOWN wash up tkl: Release TR Plug				AFU Inserts 1 EA			
START DISO 2% KCL				Float Shoe			
69 out Lift ps: 600*				Lath Down 1 EA TOP RUBBER PLUG			
79 out Slow RATE				SERVICE Snp.			
82 out Plug down 1000*				LMU			
PS. up 1200* RELEASE PSI Float HELD				Pumptrk Charge @ 4 1/2 L.S.			
1/2 Bbl Back Good Circ thru JOB				Mileage			
Thank you PLEASE call AGAIN							
Signature <i>[Handwritten Signature]</i>							
				Tax			
				Discount			
				Total Charge			



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation
 200 W Douglas Ave #725
 Wichita, KS 67202
 ATTN: Ken LeBlanc

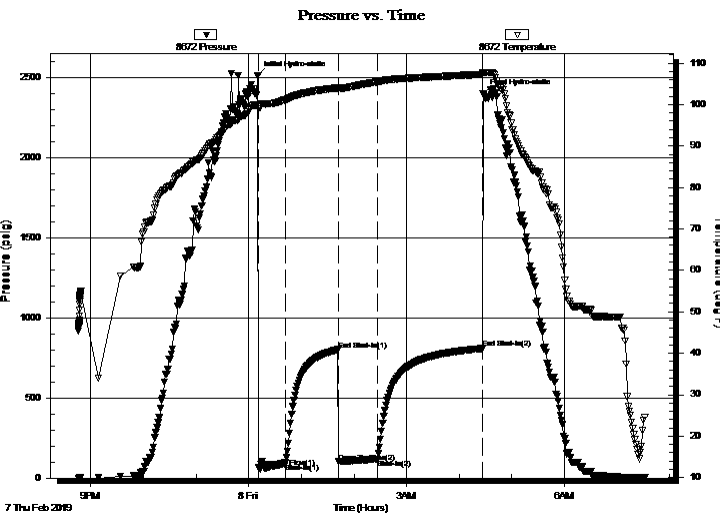
33-28S-23W Ford
Frink Reynolds 2-33
 Job Ticket: 64895 **DST#: 1**
 Test Start: 2019.02.07 @ 20:46:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:11:32
 Time Test Ended: 07:31:47
 Interval: **5000.00 ft (KB) To 5040.00 ft (KB) (TVD)**
 Total Depth: 5040.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2517.00 ft (KB)
 2504.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8672 Inside
 Press@RunDepth: 119.69 psig @ 5001.00 ft (KB) Capacity: psig
 Start Date: 2019.02.07 End Date: 2019.02.08 Last Calib.: 2019.02.08
 Start Time: 20:46:01 End Time: 07:31:47 Time On Btm: 2019.02.08 @ 00:10:17
 Time Off Btm: 2019.02.08 @ 04:27:17

TEST COMMENT: IF: Weak Blow , Built to 3 1/2 inches , Died Off to 2 1/2 inches
 IS: No Blow Back
 FF: Weak Blow , Built to 1 3/4 inch
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2512.85	99.66	Initial Hydro-static
2	68.55	99.05	Open To Flow (1)
31	91.91	101.09	Shut-In(1)
92	802.43	103.98	End Shut-In(1)
92	101.17	103.80	Open To Flow (2)
137	119.69	105.45	Shut-In(2)
257	809.82	107.33	End Shut-In(2)
257	2398.69	107.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
121.00	MCW 10%M 90%W	0.60
63.00	SOCM 2%O 98%M	0.33

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation
200 W Douglas Ave #725
Wichita, KS 67202
ATTN: Ken LeBlanc

33-28S-23W Ford
Frink Reynolds 2-33
Job Ticket: 64895 **DST#: 1**
Test Start: 2019.02.07 @ 20:46:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 64000 ppm	
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5200.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
121.00	MCW 10%M 90%W	0.595
63.00	SOCM 2%O 98%M	0.328

Total Length: 184.00 ft Total Volume: 0.923 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW w as .3 @ 28 degrees

Serial #: 8672

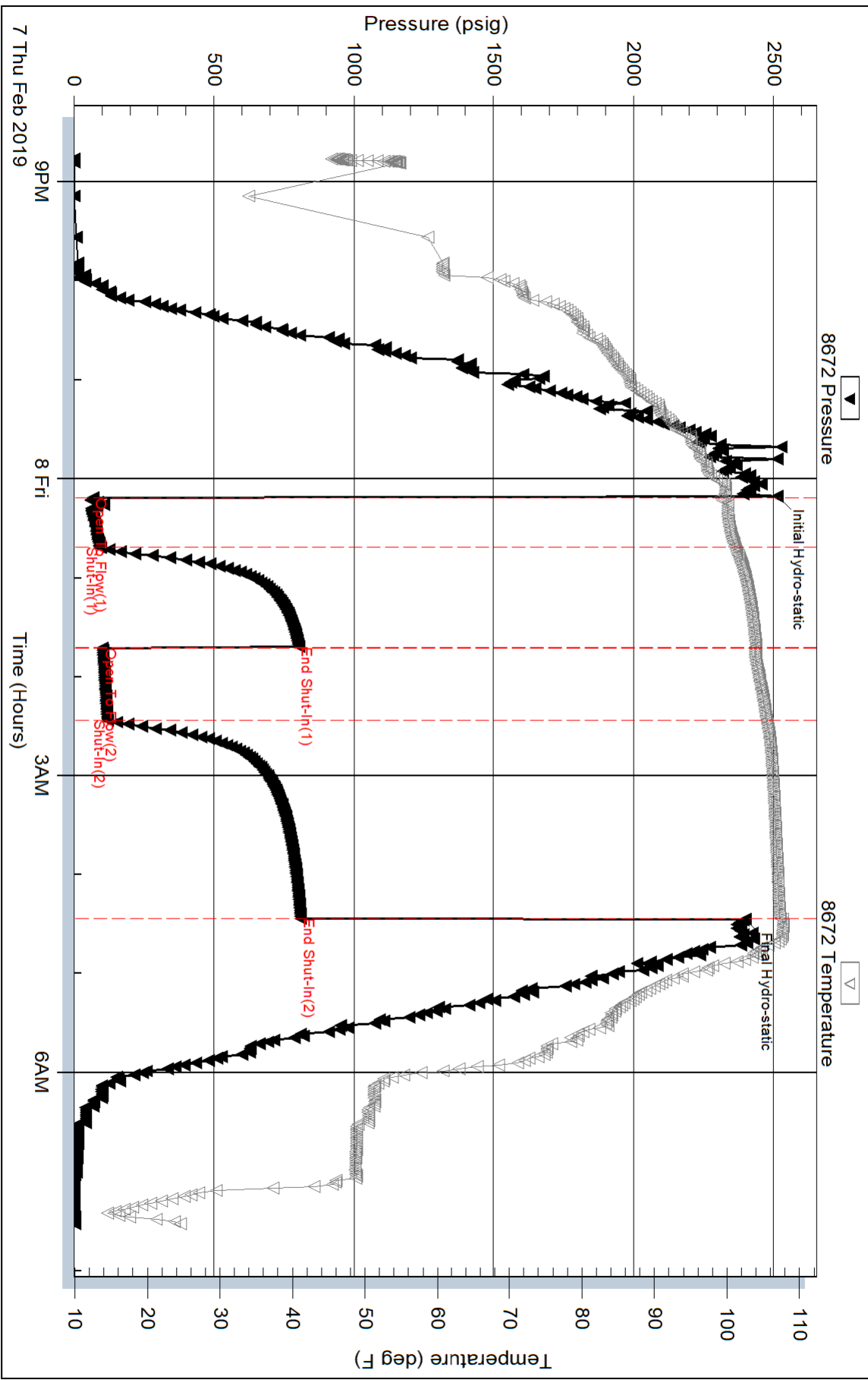
Inside

Vincent Oil Corporation

Fink Reynolds 2-33

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 64895

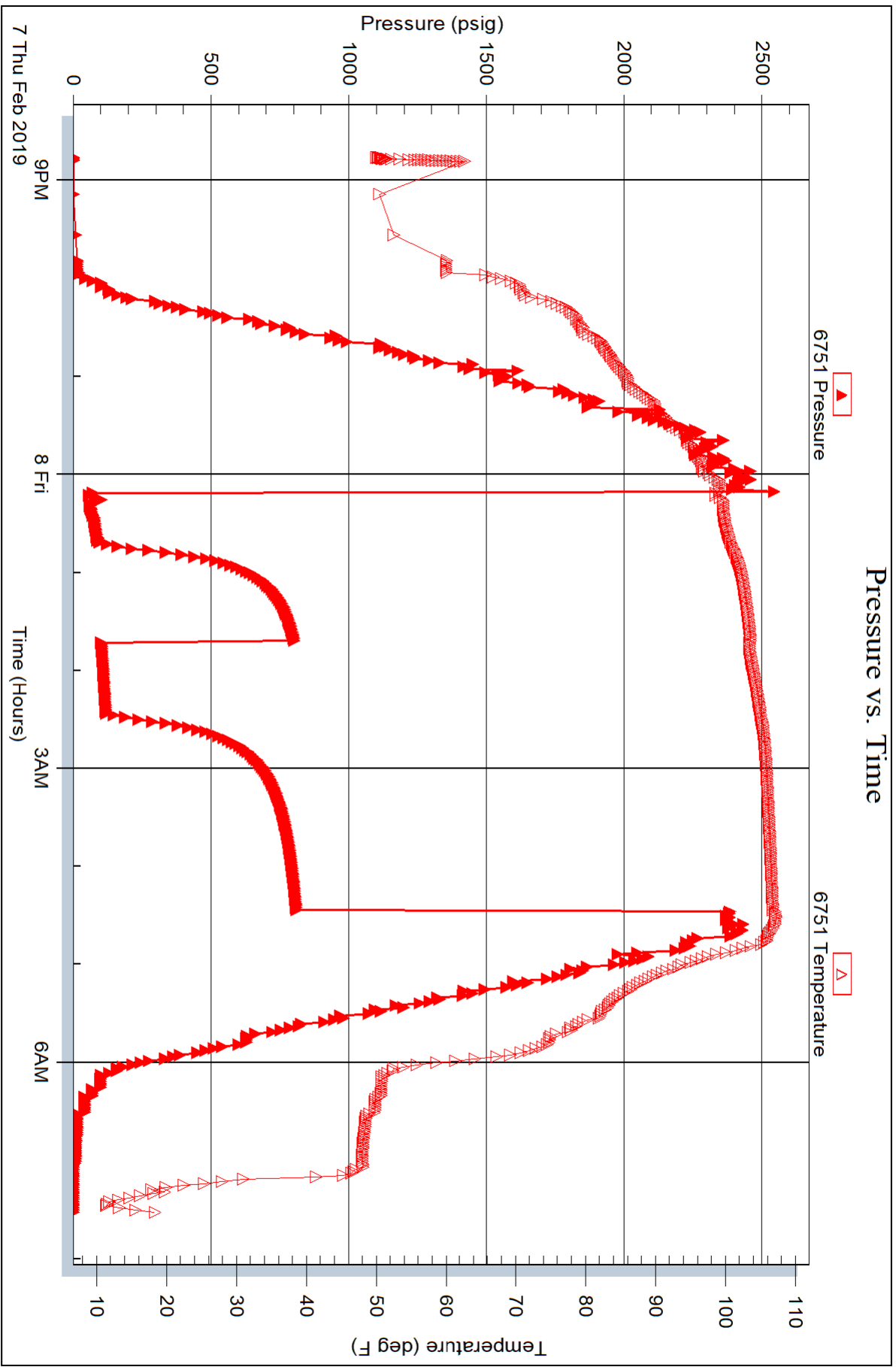
Printed: 2019.02.08 @ 07:56:46

Serial #: 6751

Outside Vincent Oil Corporation

Frink Reynolds 2-33

DST Test Number: 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation
 200 W Douglas Ave #725
 Wichita, KS 67202
 ATTN: Ken LeBlanc

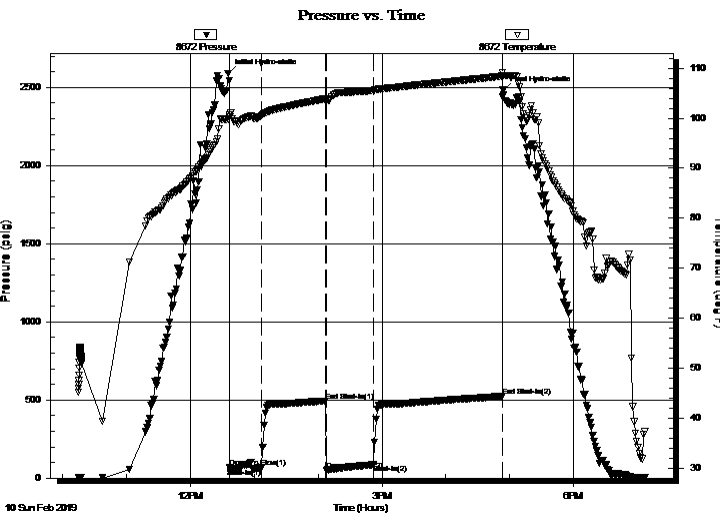
33-28S-23W Ford
Frink Reynolds 2-33
 Job Ticket: 64896 **DST#: 2**
 Test Start: 2019.02.10 @ 10:15:00

GENERAL INFORMATION:

Formation: **Basel penn**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:37:02
 Time Test Ended: 19:07:02
 Interval: **5136.00 ft (KB) To 5190.00 ft (KB) (TVD)**
 Total Depth: 5190.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2517.00 ft (KB)
 2504.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8672 Inside
 Press@RunDepth: 86.60 psig @ 5137.00 ft (KB) Capacity: psig
 Start Date: 2019.02.10 End Date: 2019.02.10 Last Calib.: 2019.02.10
 Start Time: 10:15:01 End Time: 19:07:02 Time On Btm: 2019.02.10 @ 12:35:32
 Time Off Btm: 2019.02.10 @ 16:53:47

TEST COMMENT: IF: Strong Blow , BOB in 3 minutes, Built to 320 inches
 IS: No Blow Back
 FF: Strong Blow , BOB Immediate, GTS in 25 minutes, Gauged & Caught Sample
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2590.29	99.79	Initial Hydro-static
2	66.38	100.29	Open To Flow (1)
32	65.79	100.56	Shut-In(1)
92	493.92	103.87	End Shut-In(1)
93	48.98	103.69	Open To Flow (2)
137	86.60	105.55	Shut-In(2)
258	523.42	108.43	End Shut-In(2)
259	2482.34	108.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	5054 GIP	0.00
70.00	GCM 10%G 90%M	0.34

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	20.00	12.88
Last Gas Rate	0.13	28.00	15.87
Max. Gas Rate	0.13	28.00	15.87



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

33-28S-23W Ford

200 W Douglas Ave #725
Wichita, KS 67202

Frink Reynolds 2-33

Job Ticket: 64896

DST#: 2

ATTN: Ken LeBlanc

Test Start: 2019.02.10 @ 10:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	5054 GIP	0.000
70.00	GCM 10%G 90%M	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corporation
200 W Douglas Ave #725
Wichita, KS 67202
ATTN: Ken LeBlanc

33-28S-23W Ford
Frink Reynolds 2-33
Job Ticket: 64896 **DST#: 2**
Test Start: 2019.02.10 @ 10:15:00

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)
2	30	0.13	20.00	12.88
2	40	0.13	25.00	14.75
2	45	0.13	28.00	15.87

Serial #: 8672

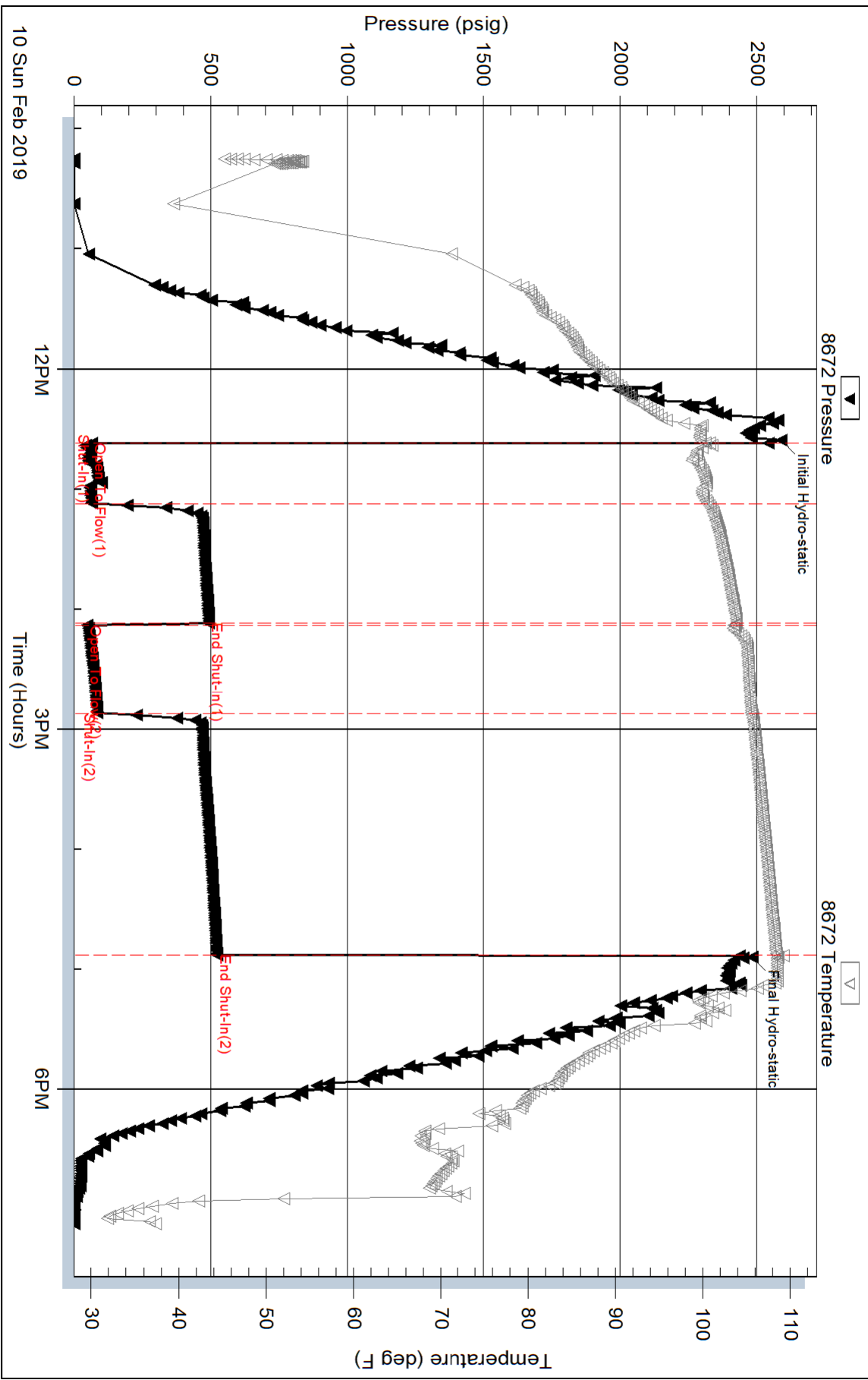
Inside

Vincent Oil Corporation

Frink Reynolds 2-33

DST Test Number: 2

Pressure vs. Time

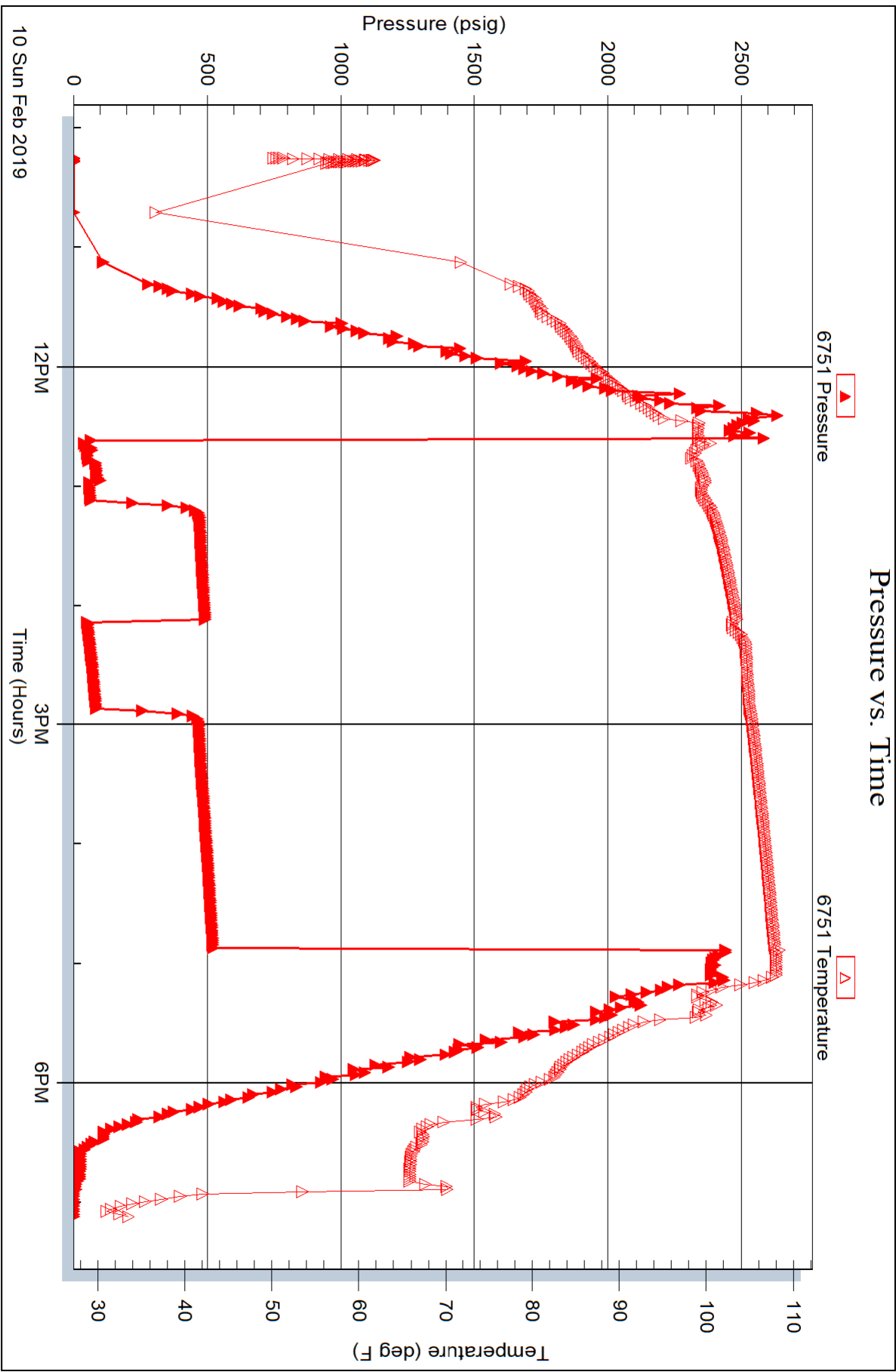


Serial #: 6751

Outside Vincent Oil Corporation

Frink Reynolds 2-33

DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation
 200 W Douglas Ave #725
 Wichita, KS 67202
 ATTN: Ken LeBlanc

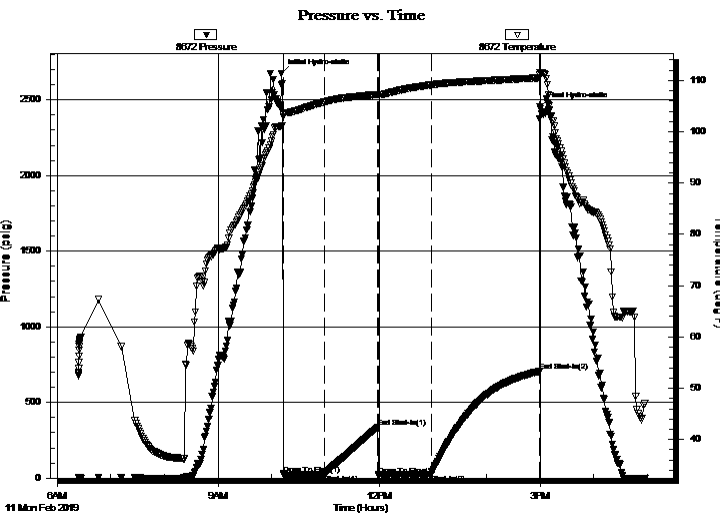
33-28S-23W Ford
Frink Reynolds 2-33
 Job Ticket: 64897 **DST#: 3**
 Test Start: 2019.02.11 @ 06:24:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 10:12:47 Tester: Leal Cason
 Time Test Ended: 16:57:47 Unit No: 74
 Interval: **5200.00 ft (KB) To 5215.00 ft (KB) (TVD)** Reference Elevations: 2517.00 ft (KB)
 Total Depth: 5215.00 ft (KB) (TVD) 2504.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 8672 Inside
 Press@RunDepth: 27.30 psig @ 5201.00 ft (KB) Capacity: psig
 Start Date: 2019.02.11 End Date: 2019.02.11 Last Calib.: 2019.02.11
 Start Time: 06:24:01 End Time: 16:57:47 Time On Btm: 2019.02.11 @ 10:11:02
 Time Off Btm: 2019.02.11 @ 15:00:02

TEST COMMENT: IF: Fair Blow , Built to 9 inches
 IS: No Blow Back
 FF: Fair Blow , BOB in 42 minutes, Built to 15 3/4 inches
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2673.11	101.16	Initial Hydro-static
2	28.11	102.97	Open To Flow (1)
48	25.69	105.81	Shut-In(1)
108	338.81	107.25	End Shut-In(1)
108	15.61	107.21	Open To Flow (2)
168	27.30	109.13	Shut-In(2)
288	704.88	110.56	End Shut-In(2)
289	2455.40	111.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	198 GIP	0.00
20.00	SGCM 2%G 98%M	0.10

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation
 200 W Douglas Ave #725
 Wichita, KS 67202
 ATTN: Ken LeBlanc

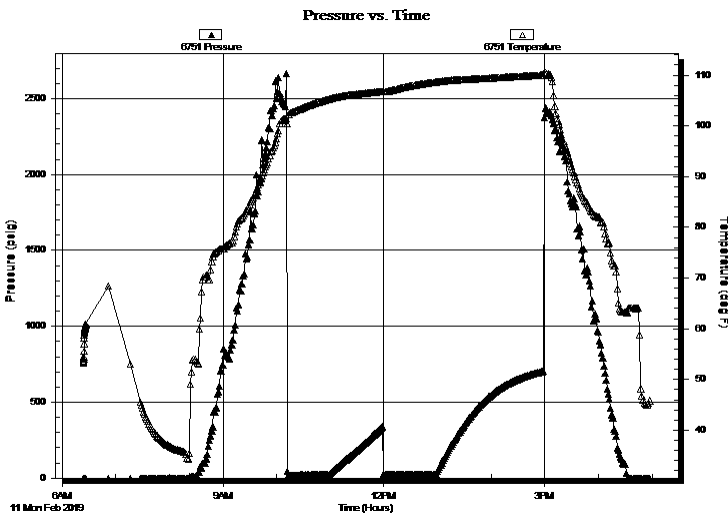
33-28S-23W Ford
Frink Reynolds 2-33
 Job Ticket: 64897 **DST#: 3**
 Test Start: 2019.02.11 @ 06:24:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:12:47
 Time Test Ended: 16:57:47
 Interval: **5200.00 ft (KB) To 5215.00 ft (KB) (TVD)**
 Total Depth: 5215.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2517.00 ft (KB)
 2504.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6751 Outside
 Press@RunDepth: psig @ 5201.00 ft (KB) Capacity: psig
 Start Date: 2019.02.11 End Date: 2019.02.11 Last Calib.: 2019.02.11
 Start Time: 06:24:01 End Time: 16:57:47 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Fair Blow , Built to 9 inches
 IS: No Blow Back
 FF: Fair Blow , BOB in 42 minutes, Built to 15 3/4 inches
 FS: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	198 GIP	0.00
20.00	SGCM 2%G 98%M	0.10

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

33-28S-23W Ford

200 W Douglas Ave #725
Wichita, KS 67202

Frink Reynolds 2-33

Job Ticket: 64897

DST#: 3

ATTN: Ken LeBlanc

Test Start: 2019.02.11 @ 06:24:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	198 GIP	0.000
20.00	SGCM 2%G 98%M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

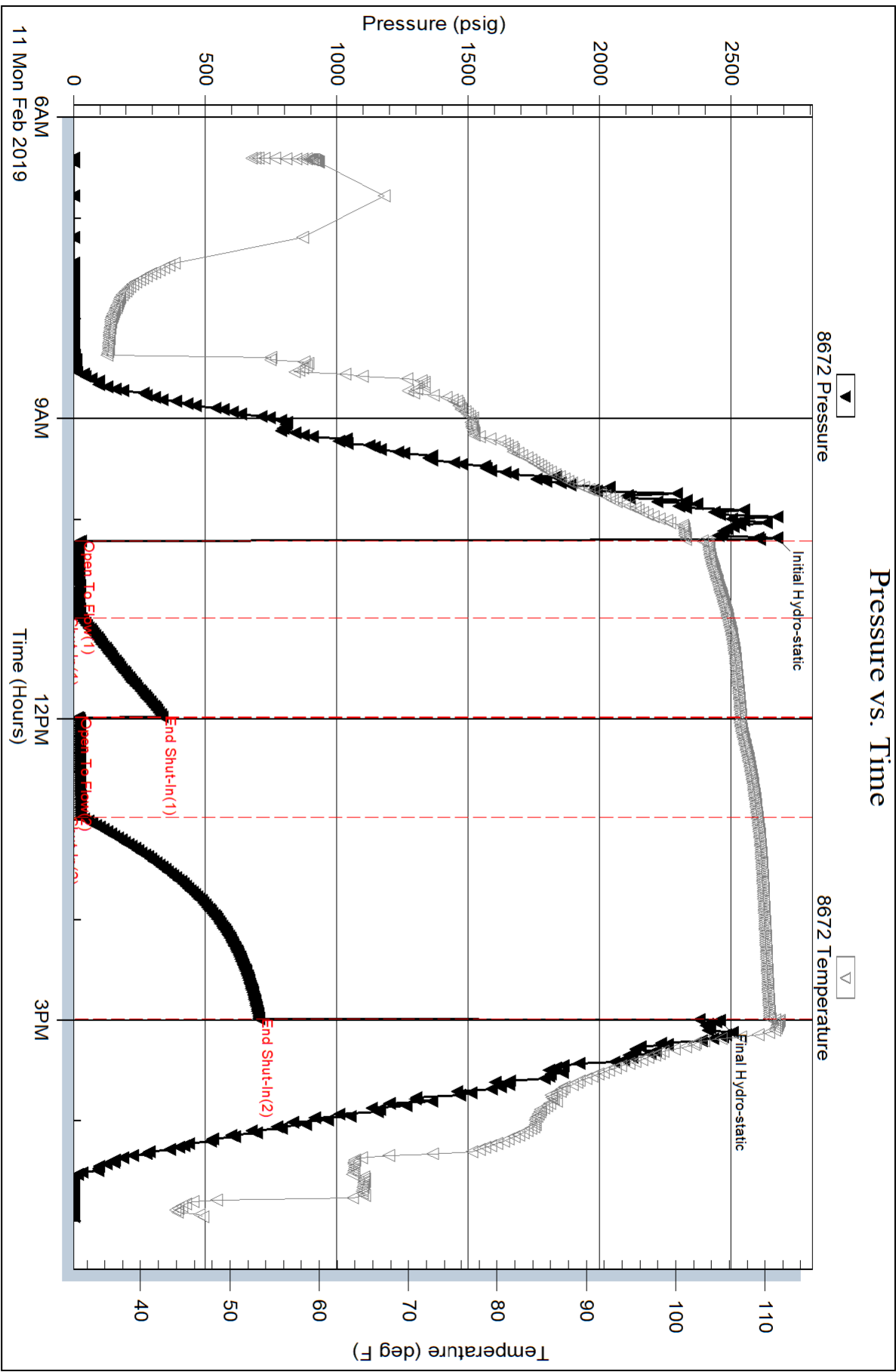
Serial #: 8672

Inside

Vincent Oil Corporation

Frink Reynolds 2-33

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 64897

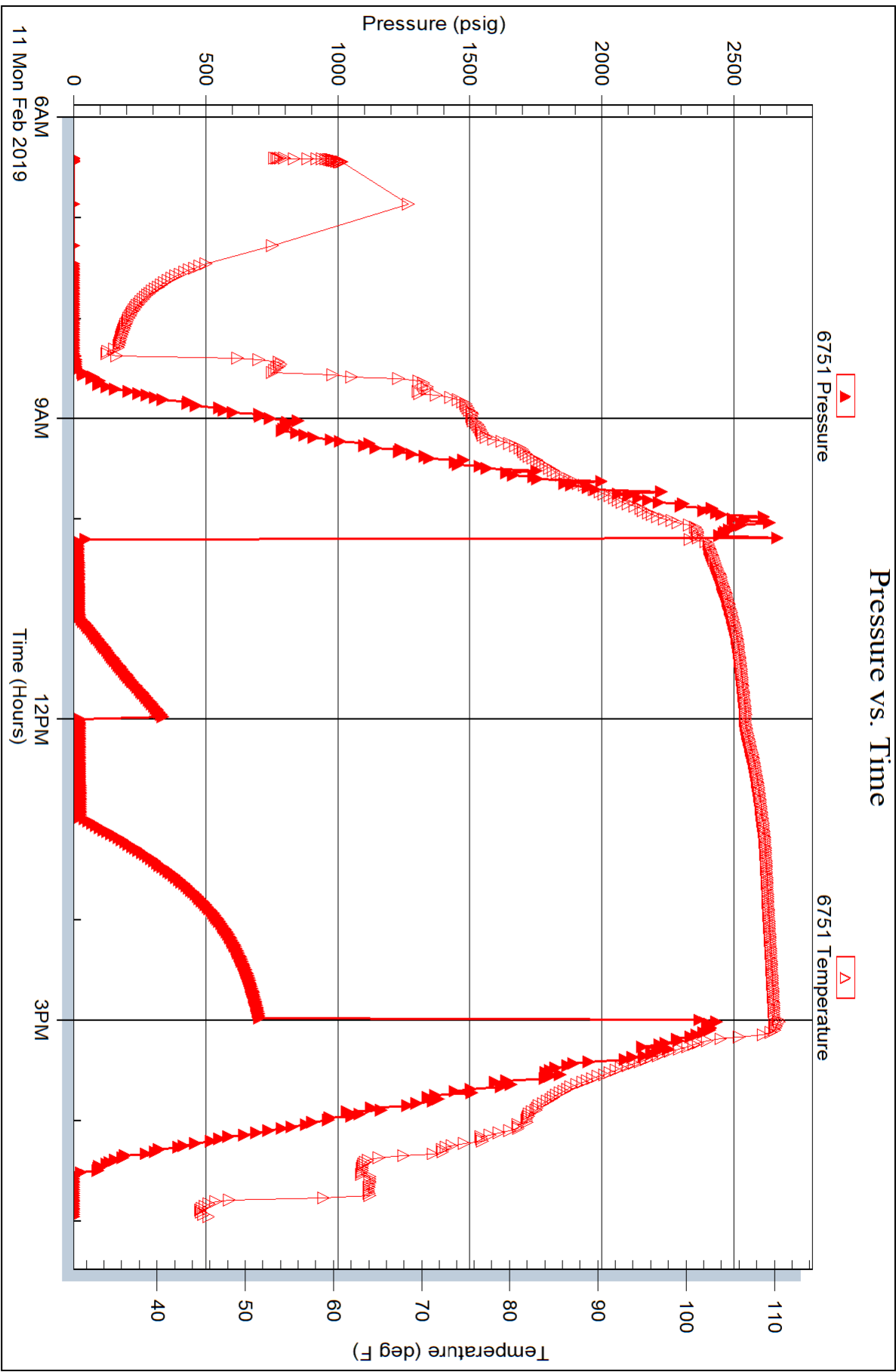
Printed: 2019.02.11 @ 17:10:10

Serial #: 6751

Outside Vincent Oil Corporation

Frink Reynolds 2-33

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 64897

Printed: 2019.02.11 @ 17:10:10



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation
 200 W Douglas Ave #725
 Wichita, KS 67202
 ATTN: Ken LeBlanc

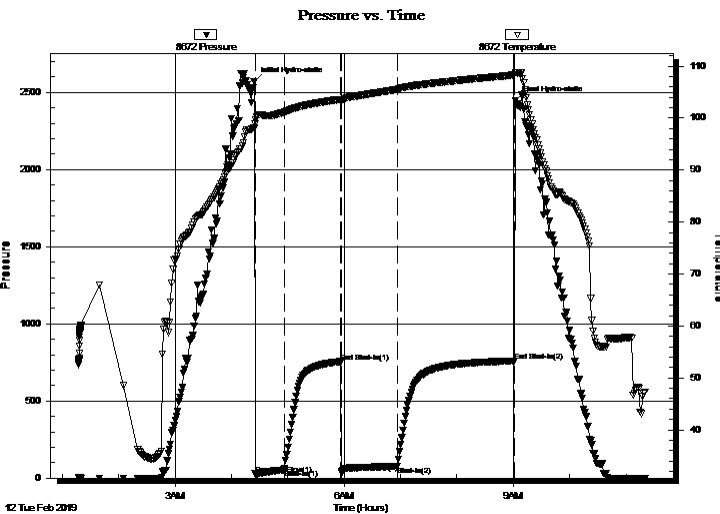
33-28S-23W Ford
Frink Reynolds 2-33
 Job Ticket: 64898 **DST#: 4**
 Test Start: 2019.02.12 @ 01:17:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:25:17
 Time Test Ended: 11:20:47
 Interval: **5215.00 ft (KB) To 5225.00 ft (KB) (TVD)**
 Total Depth: 5225.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2517.00 ft (KB)
 2504.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8672 Inside
 Press@RunDepth: 78.25 psig @ 5216.00 ft (KB) Capacity: psig
 Start Date: 2019.02.12 End Date: 2019.02.12 Last Calib.: 2019.02.12
 Start Time: 01:17:01 End Time: 11:20:47 Time On Btm: 2019.02.12 @ 04:23:47
 Time Off Btm: 2019.02.12 @ 09:02:32

TEST COMMENT: IF: Strong Blow , BOB in 5 minutes, Built to 55 inches
 IS: No Blow Back
 FF: Strong Blow , BOB Immediate, Built to 137 inches
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2570.67	98.09	Initial Hydro-static
2	24.98	99.63	Open To Flow (1)
33	53.71	101.16	Shut-In(1)
93	754.94	103.61	End Shut-In(1)
94	34.58	103.43	Open To Flow (2)
153	78.25	105.55	Shut-In(2)
278	760.06	108.34	End Shut-In(2)
279	2445.98	108.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	125 GIP	0.00
63.00	GOMCW 10%G 20%O 24%M 46%W	0.31
121.00	GMCO 10%G 40%M 50%O	0.61
1.00	Clean Oil	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

33-28S-23W Ford

200 W Douglas Ave #725
Wichita, KS 67202

Frink Reynolds 2-33

Job Ticket: 64898

DST#: 4

ATTN: Ken LeBlanc

Test Start: 2019.02.12 @ 01:17:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

58000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	125 GIP	0.000
63.00	GOMCW 10%G 20%O 24%M 46%W	0.310
121.00	GMCO 10%G 40%M 50%O	0.613
1.00	Clean Oil	0.014

Total Length: 185.00 ft Total Volume: 0.937 bbl

Num Fluid Samples: 0

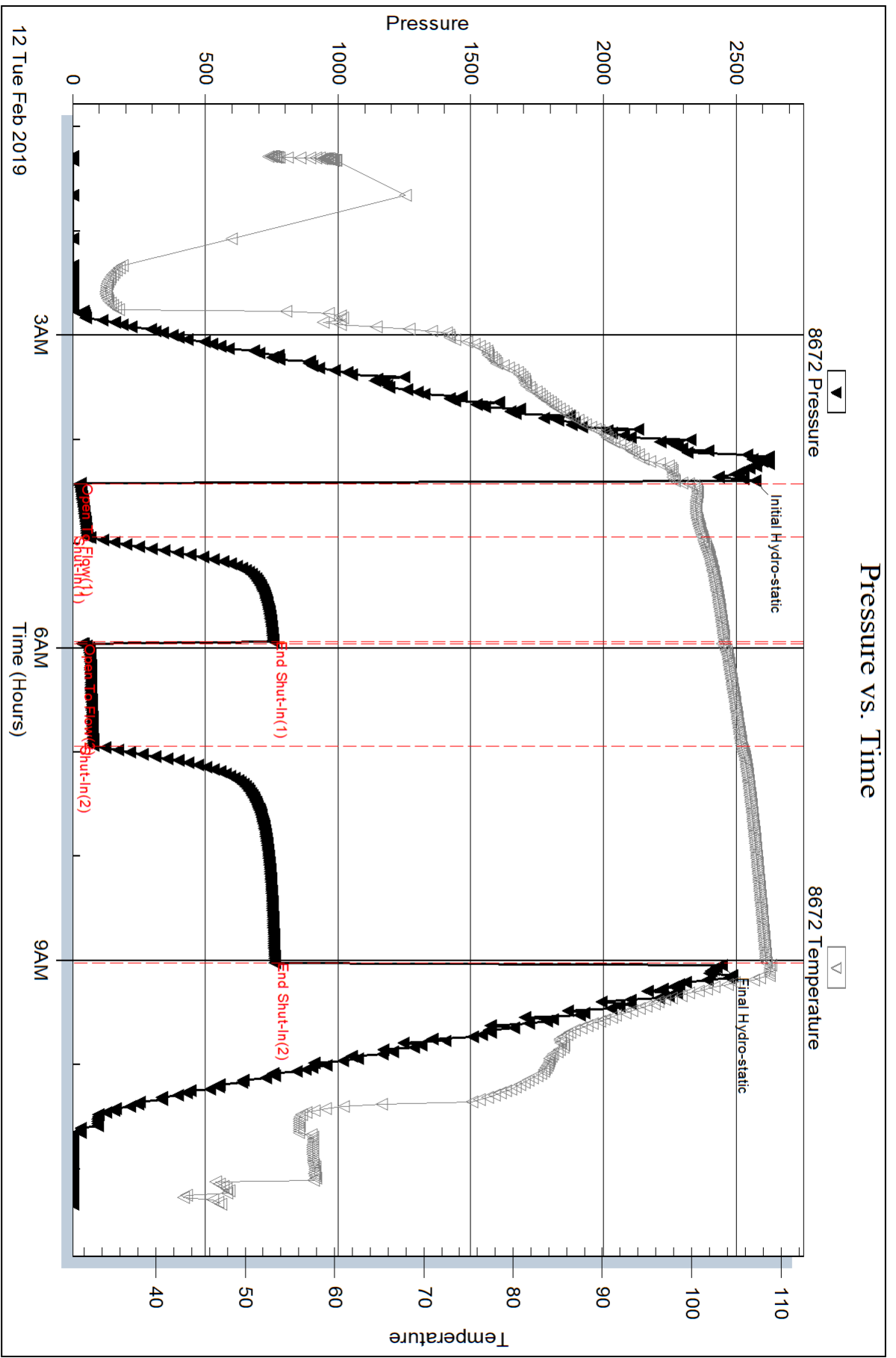
Num Gas Bombs: 0

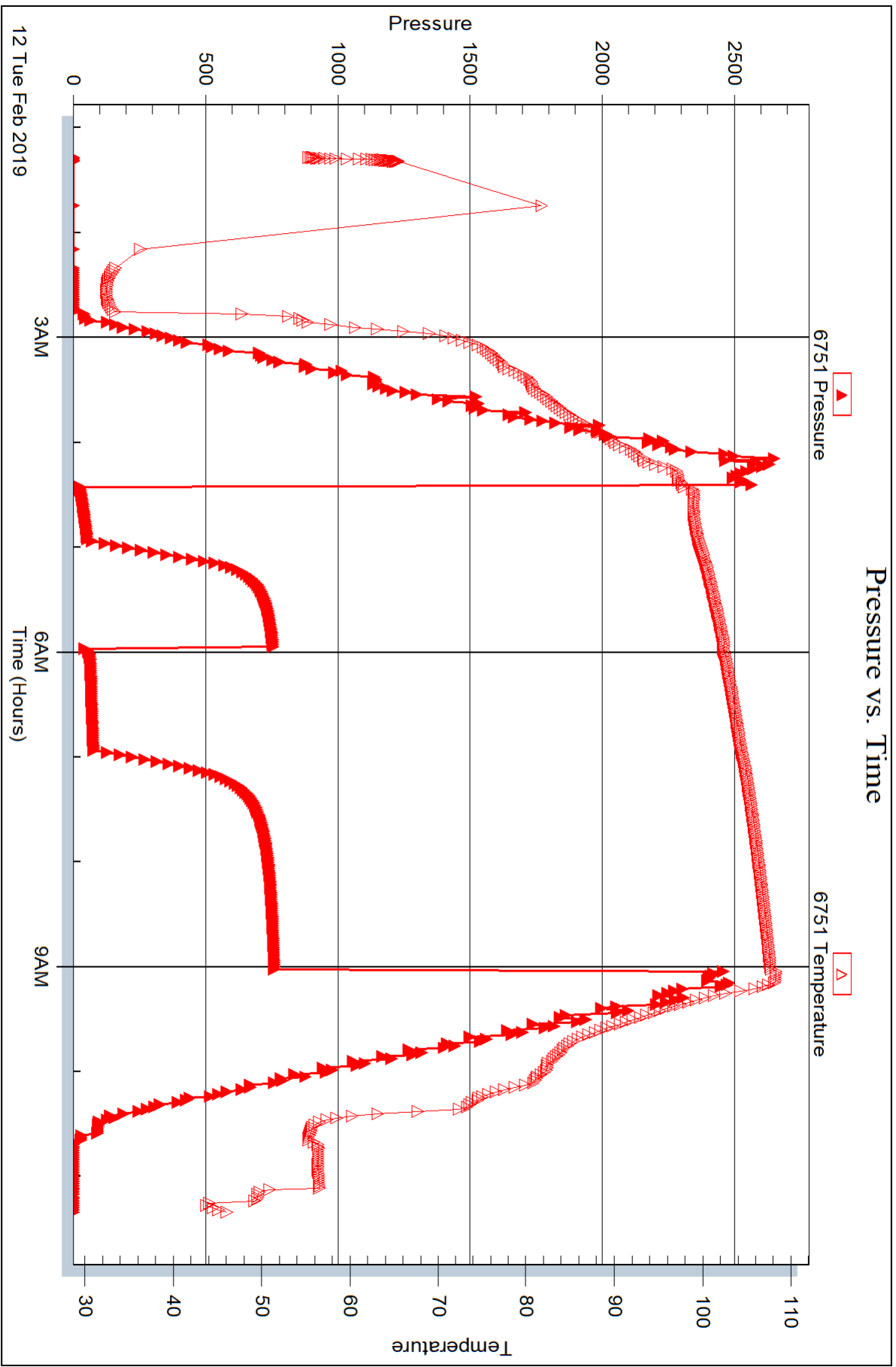
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .23 @ 40 degrees







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corporation
200 W Douglas Ave #725
Wichita, KS 67202
ATTN: Ken LeBlanc

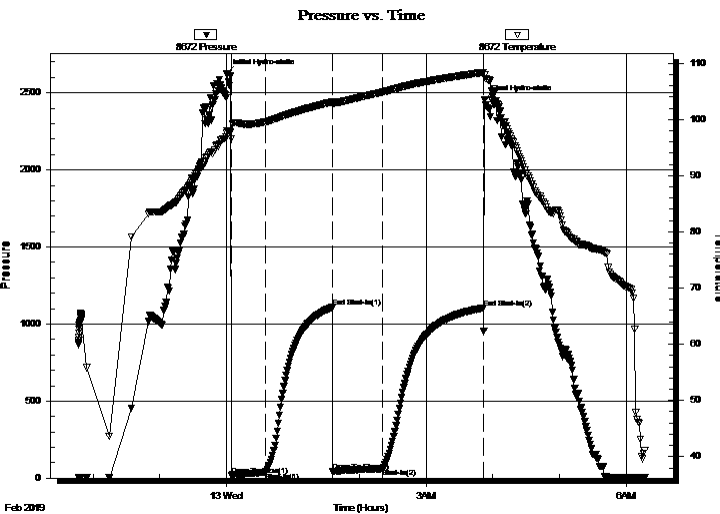
33-28S-23W Ford
Frink Reynolds 2-33
Job Ticket: 64899 **DST#: 5**
Test Start: 2019.02.12 @ 21:47:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:04:47
Time Test Ended: 06:17:02
Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74
Interval: **5228.00 ft (KB) To 5240.00 ft (KB) (TVD)**
Reference Elevations: 2517.00 ft (KB)
Total Depth: 5240.00 ft (KB) (TVD) 2504.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 8672 Inside
Press@RunDepth: 61.98 psig @ 5229.00 ft (KB) Capacity: psig
Start Date: 2019.02.12 End Date: 2019.02.13 Last Calib.: 2019.02.13
Start Time: 21:47:01 End Time: 06:17:02 Time On Btm: 2019.02.13 @ 00:00:32
Time Off Btm: 2019.02.13 @ 03:52:47

TEST COMMENT: IF: Weak Blow , Built to 5 1/2 inches
IS: No Blow Back
FF: Weak Blow , Built to 7 inches
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2626.42	97.61	Initial Hydro-static
5	18.57	96.58	Open To Flow (1)
35	36.99	99.55	Shut-In(1)
95	1107.93	103.06	End Shut-In(1)
96	41.34	102.80	Open To Flow (2)
141	61.98	104.86	Shut-In(2)
231	1104.72	108.35	End Shut-In(2)
233	2455.04	107.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	SOMCW 2%O 38%M 60%W	0.34

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation
200 W Douglas Ave #725
Wichita, KS 67202
ATTN: Ken LeBlanc

33-28S-23W Ford
Frink Reynolds 2-33
Job Ticket: 64899 **DST#: 5**
Test Start: 2019.02.12 @ 21:47:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	61000 ppm
Viscosity: 72.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 9100.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

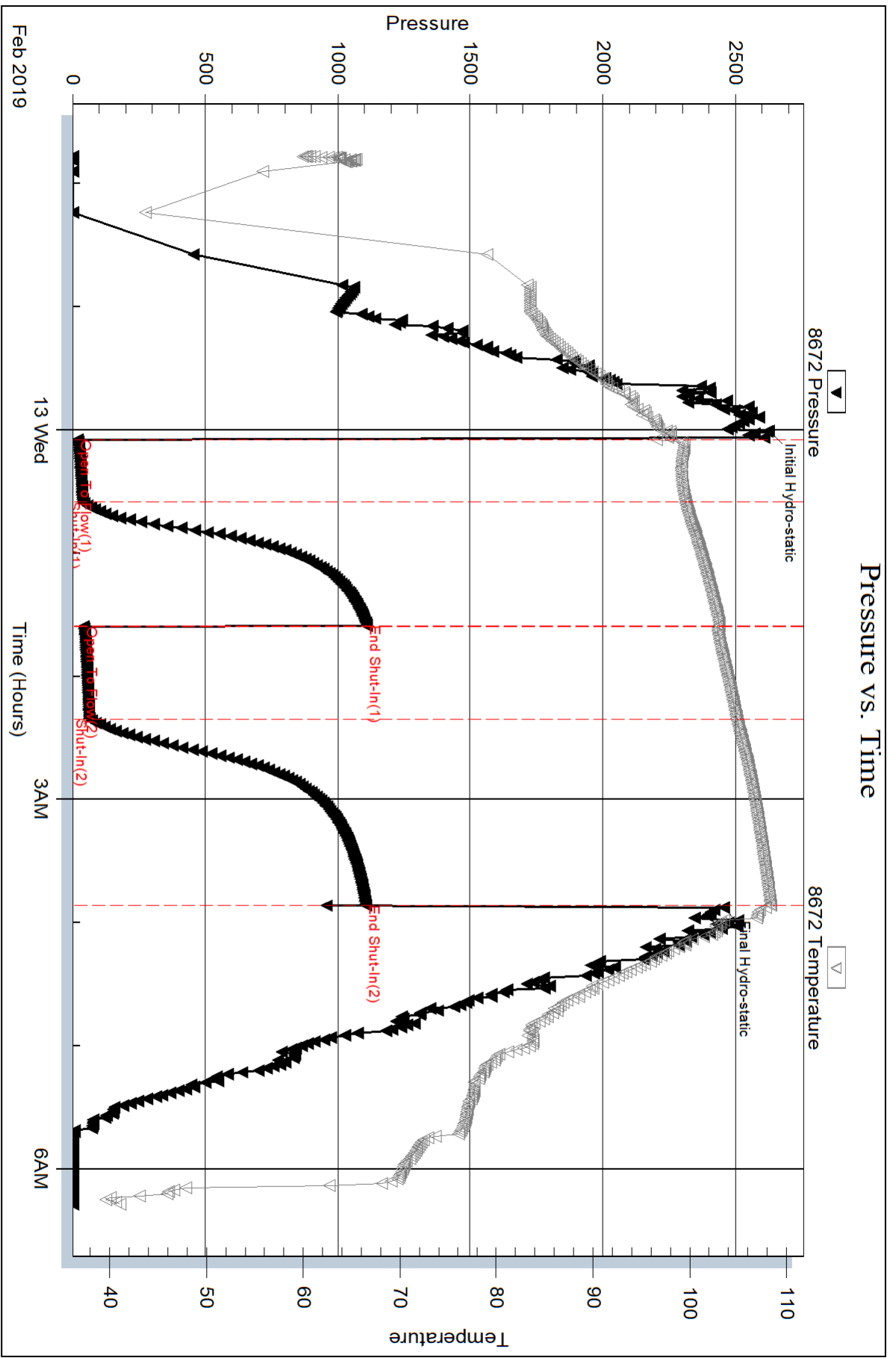
Length ft	Description	Volume bbl
70.00	SOMCW 2%O 38%M 60%W	0.344

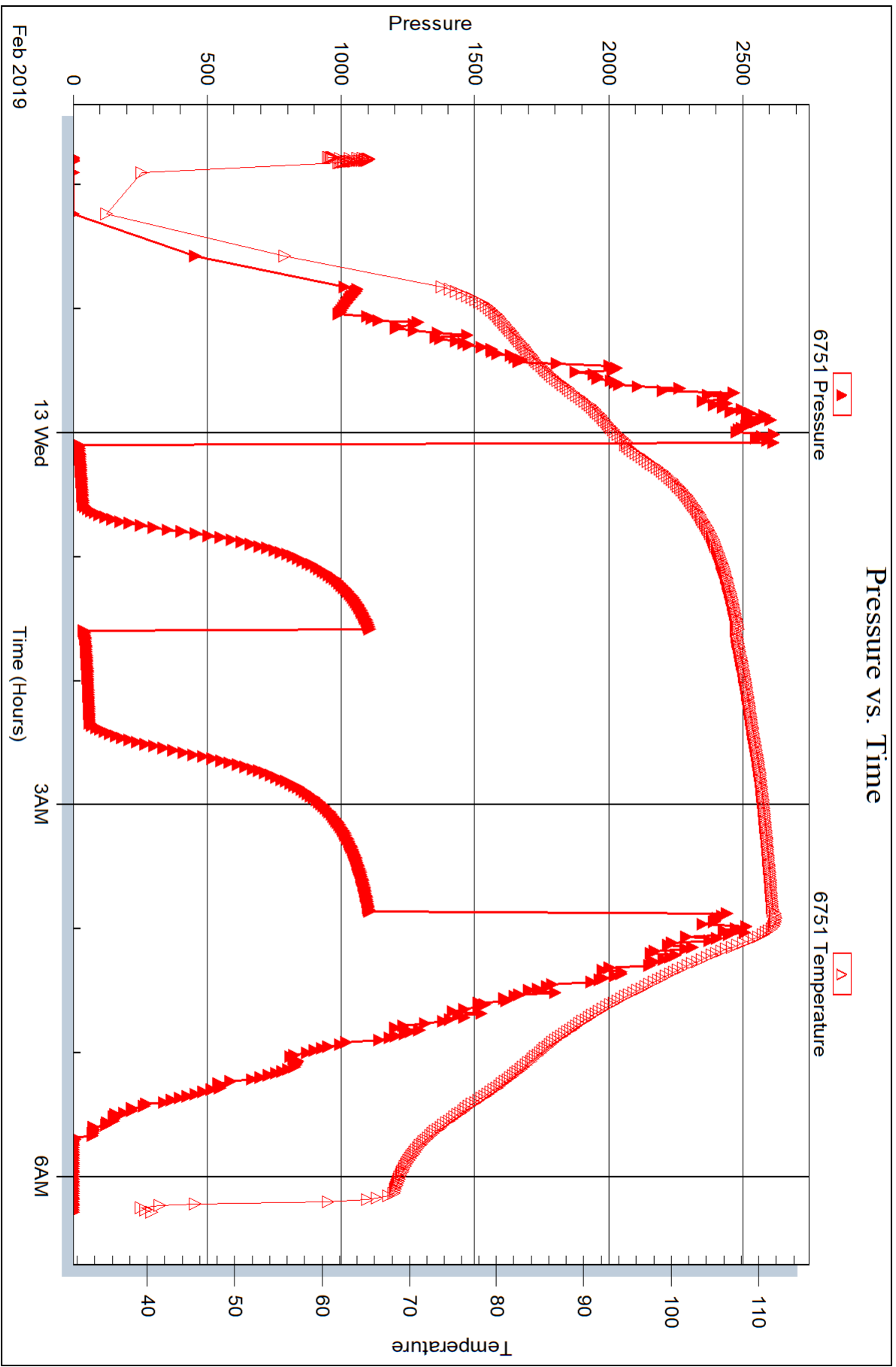
Total Length: 70.00 ft Total Volume: 0.344 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW w as .25 @ 35 degrees





FIELD (First Look) REPORT

Lithology Legend

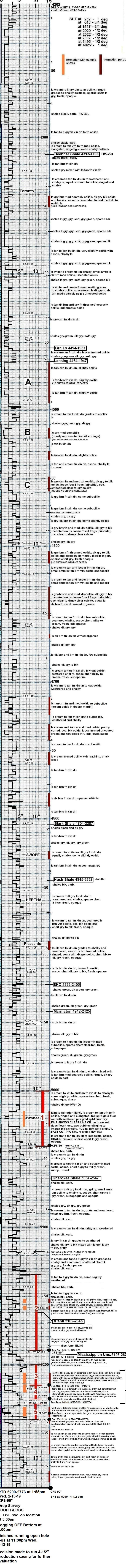
- limestone
- dolomite
- sandstone
- chert
- shales gray
- black shales
- shales maroon
- shales green

MUD-CO at 550'
WT: 9.95, VIS: 54
WL: NC, CHL: 600
LCM: 5#

MUD-CO at 1178'
WT: 9.3, VIS: 32
WL: NC, CHL: 55,200
LCM: 5#

MUD-CO at 3274'
WT: 9.4, VIS: 29,
WL: NC, CHL: 48,000
LCM: 2#

MUD-CO at 3940'
WT: 8.75, VIS: 51
WL: 6.4, CHL: 2,800
LCM: 0#



MUD-CO at 4588'
WT: 9.1, VIS: 54,
WL: 7.2, CHL: 4,500
LCM: TRACE

MUD-CO at 5030'
WT: 9.3, VIS: 48
WL: 8.4, CHL: 5,200
LCM: 3#

Short Trip 30 Stands
=PULLED TITE=
(30K-50K over string weight)

CTCH - 60"
SHT at 5040' - 2 deg
Strap Out F/DST 1

MUD-CO at 5118'
WT: 9.3, VIS: 42
WL: 7.2, CHL: 6,900
LCM: 2#

MUD-CO at 5190'
WT: 9.0, VIS: 51
WL: 8.4, CHL: 7,200
LCM: 3#

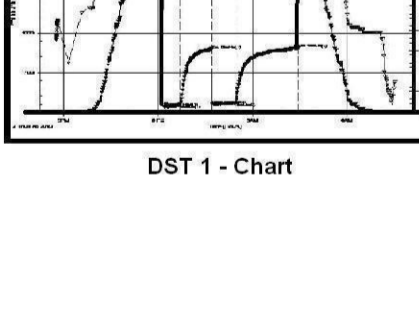
MUD-CO at 5215'
WT: 9.1, VIS: 49
WL: 9.6, CHL: 8,000
LCM: 2#

MUD-CO at 5225'
WT: 9.0, VIS: 52,
WL: 9.2, CHL: 9,100
LCM: 3#

MUD-CO at 5240'
WT: 9.0, VIS: 52,
WL: 9.2, CHL: 9,800
LCM: 3#

DST 1) 5000-5040 (Pawnee Ls)
[30-60-45-120]
Rec: NO GAS to SURFACE
63' Slightly Oil Cut Mud
(2% o, 98% w)
121' Mud Cut Water
(90% w, 10% m)

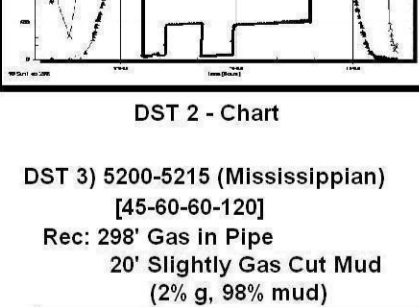
184' - Total Fluid - ALL In DC
IFP: 68-92, FFP: 101-120
BHP: 802-810



DST 1 - Chart

DST 2) 5136-5190 (BPenn Ls)
[30-60-45-120]
Rec: GTS/25' 2nd open
12.8 MCFG to 15.8 MCFG/45'
70' Gas Cut Mud
(10% g, 90% m)

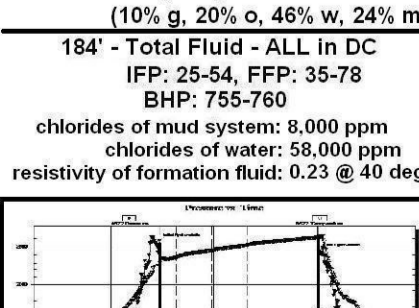
70' - Total Fluid ALL In DC
IFP: 66-86, FFP: 49-87
BHP: 494-523



DST 2 - Chart

DST 3) 5200-5215 (Mississippian)
[45-60-120]
Rec: 29# Gas In Pipe
20' Slightly Gas Cut Mud
(2% g, 98% mud)

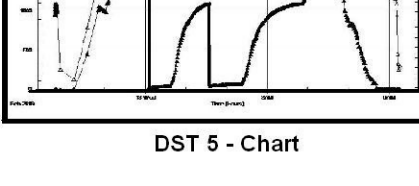
10" - Total Fluid - ALL In DC
IFP: 28-26, FFP: 35-78
BHP: 755-760



DST 3 - Chart

DST 4) 5215-5225 (Mississippian)
[30-60-60-120]
Rec: NO GAS to Surface
125' Gas In Pipe
1' Clean Oil (100% o)
121' Gassy Oil Cut Mud
(10% g, 50% o, 40% m)
63' Gassy Oily Mud Cut Water
(10% g, 20% o, 46% w, 24% m)

184' - Total Fluid - ALL In DC
IFP: 25-54, FFP: 35-78
BHP: 755-760



DST 4 - Chart

DST 5) 5228-5240 (Mississippian)
[30-60-45-90]
Rec: 70' Slightly Oil Cut Muddy Water
(2% o, 60% w, 38% mud)

70' - Total Fluid - ALL In DC
IFP: 19-37, FFP: 41-62
BHP: 1108-1105

DST 5 - Chart

RTD 5290-2773 at 1:55pm
Wed. 2-13-19
CFS-90"
Drop Survey
TOOH F/LOGS
ELI WL Svc. on location
at 5:30pm
Logging OFF Bottom at
7:00pm
Finished running open hole
logs at 11:30pm Wed.
2-13-19
Decision made to run 4-1/2"
production casing for further
evaluation