

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 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

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	NORTON 1-33
Doc ID	1404237

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	NORTON 1-33
Doc ID	1404237

Tops

Name	Top	Datum
Heebner Shale	4359	(-1773)
Brown Limestone	4492	(-1906)
Lansing	4504	(-1918)
Stark Shale	4863	(-2277)
Pawnee	5076	(-2490)
Cherokee	5121	(-2535)
Base Penn Limestone	5235	(-2649)
Mississippian	5277	(-2691)
RTD	5450	(-2864)

QUALITY WELL SERVICE, INC.

6770

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 <i>12-8-17</i>	Sec. <i>33</i>	Twp. <i>29</i>	Range <i>25</i>	County <i>Ford</i>	State <i>Ks</i>	On Location <i>10:00 AM</i>	Finish <i>12:30</i>
Lease <i>Norton</i>		Well No. <i>1-33</i>		Location			

Contractor <i>Duke I</i>		Owner	
Type Job <i>Surface</i>		To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Hole Size <i>12 1/4</i>	T.D. <i>648</i>	Charge To <i>Vincent</i>	
Csg. <i>8 5/8</i>	Depth <i>647 632'</i>	Street	
Tbg. Size	Depth	City	
Tool	Depth	State	
Cement Left in Csg. <i>20</i>	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.	
Meas Line	Displace <i>39.9 bbls</i>	Cement Amount Ordered <i>125sx MDC 2% Gel 3% cc 1/4 CF</i>	

EQUIPMENT

Pumptrk <i>8</i> No.		<i>150sx Common 2% Gel 3% cc 1/4 CF</i>
Bulktrk <i>7</i> No.		Common <i>150</i>
Bulktrk <i>10</i> No.		Rez-Mix <i>MDC 125</i>
Pickup No.		Gel. <i>11</i>
		Calcium <i>10</i>

JOB SERVICES & REMARKS

Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal <i>66-25</i>
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
<i>Ran 15jts 8 5/8 csg broke circulation</i>	Sand
<i>with Reg Mixed 125sx MDC 2%</i>	Handling <i>27%</i>
<i>Gel 3% cc 1/4 CF - 150 sx Common</i>	Mileage <i>20</i>
<i>2% Gel 3% cc 1/4 CF</i>	

FLOAT EQUIPMENT

<i>Displaced with 39.9 bbls 14 3/8</i>	Guide Shoe
<i>sement did circulate to surface</i>	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch-Down <i>8 5/8 wooden Plug</i>
	<i>LMV 50</i>
	<i>Service Supervisor</i>
	Pumptrk Charge
	Mileage <i>1000</i>

Signature <i>[Signature]</i>	Tax
	Discount
	Total Charge

Quality Well Service, Inc.

Invoice

**PO Box 468
Pratt, KS 67124**

Date	Invoice #
12/6/2017	C-1683

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

Cement Surface CSS.

P.O. No.	Terms	Lease Name
		Norton #1-33

Description	Qty	Rate	Amount
8 5/8 Wooden Plug	1	85.00	85.00T
MDC	125	18.00	2,250.00
Common	150	15.50	2,325.00
Gel	11	22.00	242.00
Calcium	10	60.00	600.00
Flo-Seal	66.25	3.70	245.13
SFC 501-1500'	1	750.00	750.00
Handling	296	2.10	621.60
.08 * sacks * miles	8,500	0.08	680.00
Service Supervisor	1	150.00	150.00
LMV	50	3.75	187.50
Heavy Equipment Mileage	100	8.00	800.00
Customer Discount		-38.25	-38.25
Customer Discount		-3,983.05	-3,983.05
Discount Expires after 30 days from the date of the invoice		0.00	0.00
Norton #1-33 Ford Co.			

Thank You for your business & Happy Holidays!	Subtotal	\$4,914.93
	Sales Tax (7.65%)	\$6.47
	Total	\$4,921.40

QUALITY WELL SERVICE, INC.

6774

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	12-19-17	Sec.	33	Twp.	29	Range	25	County	Ford	State	Ks	On Location	8:00 AM	Finish	10:30 AM
Lease	Norton			Well No.	1-33			Location							
Contractor	Duke 1							Owner							
Type Job	Rotary Plug							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								T.D.							
Csg.	4 1/2 Drill Pipe							Depth							
Tbg. Size								Depth							
Tool								Depth							
Cement Left in Csg.								Shoe Joint							
Meas Line								Displace							
EQUIPMENT										The above was done to satisfaction and supervision of owner agent or contractor.					
Pumptrk	8	No.								Cement Amount Ordered 1805x 60/40 4% Gel					
Bulktrk	10	No.								1/4 C.F.					
Bulktrk		No.								Common 110					
Pickup		No.								Poz. Mix 70					
JOB SERVICES & REMARKS										Gel. 6					
Rat Hole 305x										Calcium					
Mouse Hole 205x										Hulls					
Centralizers										Salt					
Baskets										Flowseal 45					
D/V or Port Collar										Kol-Seal					
1st Pumped 505x 60/40 4% Gel										Mud CLR 48					
@ 1560'										CFL-117 or CD110 CAF 38					
2nd Pumped 605x 60/40 4% Gel										Sand					
@ 690'										Handling 186					
3rd Pumped 205x 60/40 4% Gel										Mileage 50					
60' to surface										FLOAT EQUIPMENT					
4th Pumped 505x 60/40 4% Gel										Guide Shoe					
in Rat + Mouse hole										Centralizer					
										Baskets					
										AFU Inserts					
										Float Shoe					
										Latch Down					
										LMV 50					
										Savin Suppressor					
										Pumptrk Charge Rotary Plug					
										Mileage 50 x 2					
										Tax					
										Discount					
										Total Charge					
X Signature <i>[Signature]</i>															

Quality Well Service, Inc.

PO Box 468
Pratt, KS 67124

Invoice

Date	Invoice #
12/22/2017	C-1689

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

Rotary Plug.

P.O. No.	Terms	Lease Name
		Norton #1-33

Description	Qty	Rate	Amount
Common	110	15.50	1,705.00T
Poz	70	9.50	665.00T
Gel	6	22.00	132.00T
Flo-Seal	45	3.70	166.50T
Plug	1	950.00	950.00T
Handling	186	2.10	390.60T
.08 * sacks * miles	9,300	0.08	744.00T
Service Supervisor	1	150.00	150.00T
LMV	50	3.75	187.50T
Heavy Equipment Mileage	100	8.00	800.00T
Customer Discount		-2,061.71	-2,061.71
Discount Expires after 30 days from the date of the invoice		0.00	0.00
Norton #1-33			
Ford Co.			
Thank You for your business & Happy Holidays!		Subtotal	\$3,828.89
		Sales Tax (7.65%)	\$292.91
		Total	\$4,121.80



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation
 200 W Douglas Ave #725
 Wichita, Kansas
 67202+3013
 ATTN: Ken LeBlanc

33/29S/25W/Ford

Norton 1-33

Job Ticket: 62098

DST#: 1

Test Start: 2017.12.15 @ 15:50:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:24:17
 Time Test Ended: 23:20:02
 Interval: **5035.00 ft (KB) To 5070.00 ft (KB) (TVD)**
 Total Depth: 5070.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 72 Pratt/164
 Reference Elevations: 2585.00 ft (KB)
 2574.00 ft (CF)
 KB to GR/CF: 11.00 ft

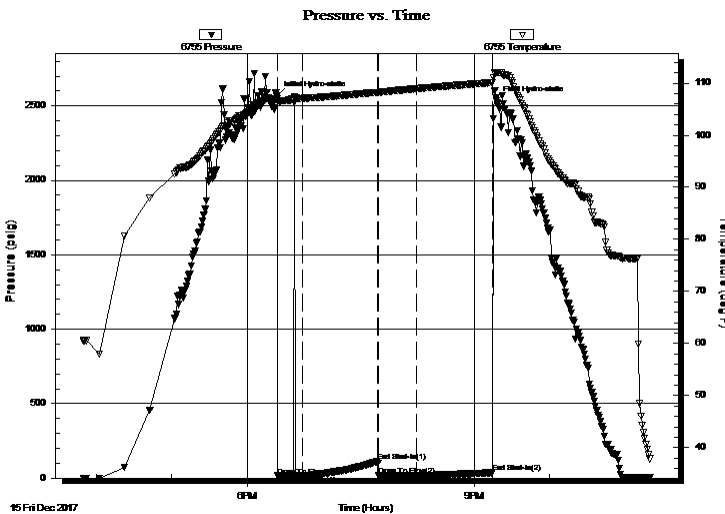
Serial #: 6755

Inside

Press@RunDepth: 17.50 psig @ 5066.00 ft (KB) Capacity: psig
 Start Date: 2017.12.15 End Date: 2017.12.15 Last Calib.: 2017.12.15
 Start Time: 15:50:01 End Time: 23:20:02 Time On Btm: 2017.12.15 @ 18:23:47
 Time Off Btm: 2017.12.15 @ 21:18:02

TEST COMMENT: I.F. 20 Minutes/ Few surges at open then dead/ Flush tool no help
 I.S.I. 60 Minutes/ No blow back
 F.F. 30 Minutes/ Few bubbles at open then dead
 F.S.I. 60 Minutes/ No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2568.38	106.93	Initial Hydro-static
1	14.63	106.55	Open To Flow (1)
21	16.70	107.07	Shut-In(1)
80	112.07	108.24	End Shut-In(1)
81	16.19	108.24	Open To Flow (2)
111	17.50	108.94	Shut-In(2)
171	36.81	110.14	End Shut-In(2)
175	2535.92	112.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

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, Kansas
 67202+3013
 ATTN: Ken LeBlanc

33/29S/25W/Ford

Norton 1-33

Job Ticket: 62098

DST#: 1

Test Start: 2017.12.15 @ 15:50:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:24:17

Time Test Ended: 23:20:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Pratt/164

Interval: 5035.00 ft (KB) To 5070.00 ft (KB) (TVD)

Reference Elevations: 2585.00 ft (KB)

Total Depth: 5070.00 ft (KB) (TVD)

2574.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8322 Outside

Press@RunDepth: 36.37 psig @ 5067.00 ft (KB)

Capacity: psig

Start Date: 2017.12.15

End Date: 2017.12.15

Last Calib.: 2017.12.15

Start Time: 15:50:01

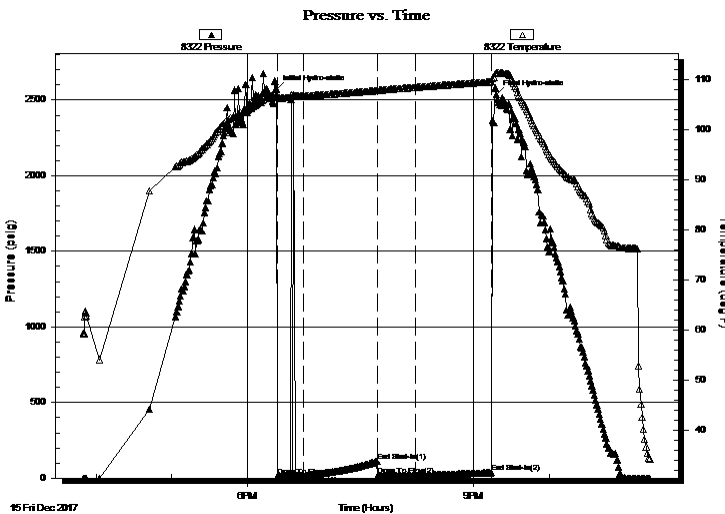
End Time: 23:20:02

Time On Btm: 2017.12.15 @ 18:23:17

Time Off Btm: 2017.12.15 @ 21:18:02

TEST COMMENT: I.F. 20 Minutes/ Few surges at open then dead/ Flush tool no help
 I.S.I. 60 Minutes/ No blow back
 F.F. 30 Minutes/ Few bubbles at open then dead
 F.S.I. 60 Minutes/ No blow back

PRESSURE SUMMARY



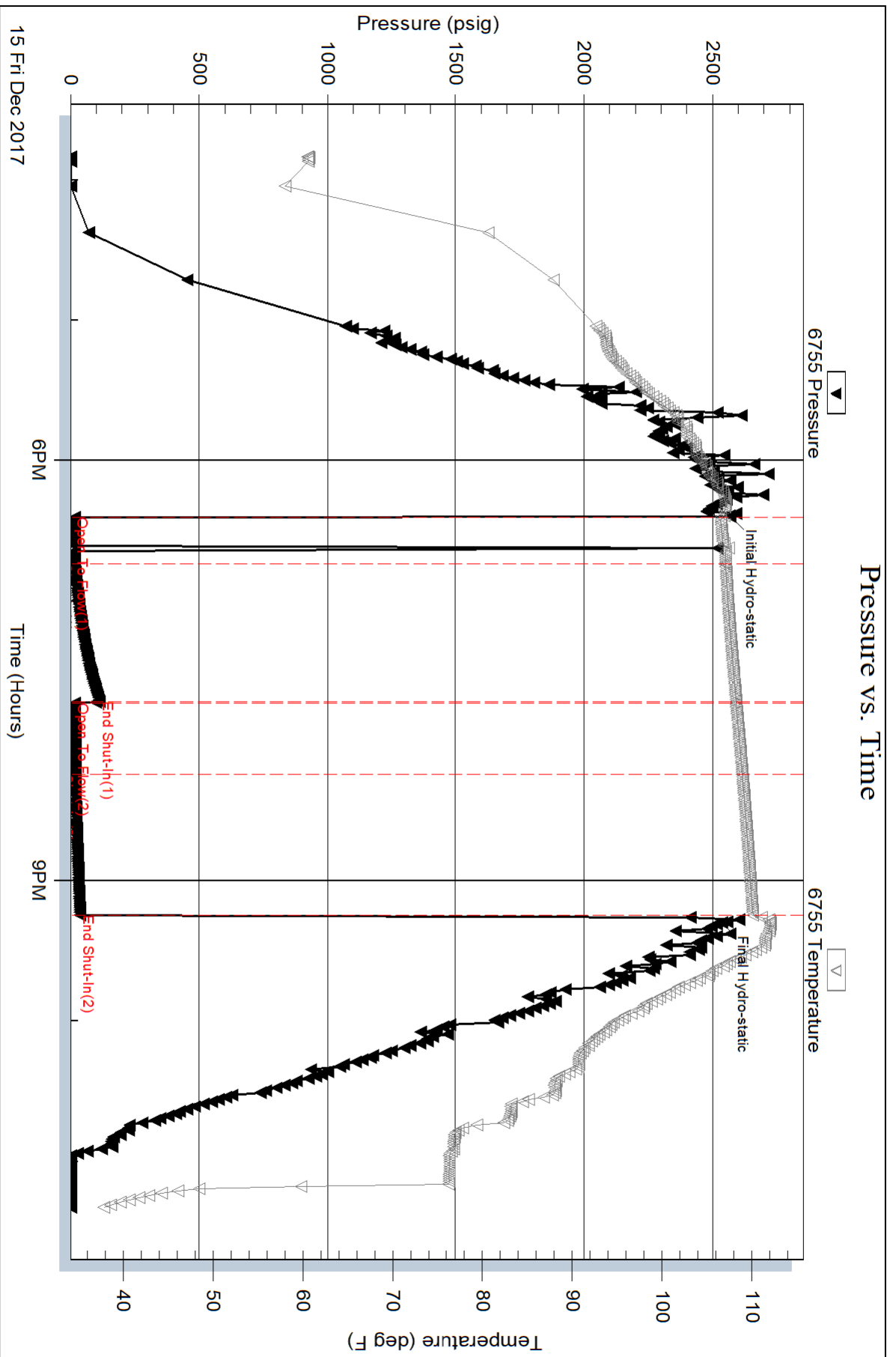
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2571.65	106.71	Initial Hydro-static
1	14.28	106.30	Open To Flow (1)
22	16.57	106.70	Shut-In(1)
80	112.71	107.78	End Shut-In(1)
81	16.11	107.80	Open To Flow (2)
111	17.75	108.42	Shut-In(2)
171	36.37	109.54	End Shut-In(2)
175	2535.75	111.37	Final Hydro-static

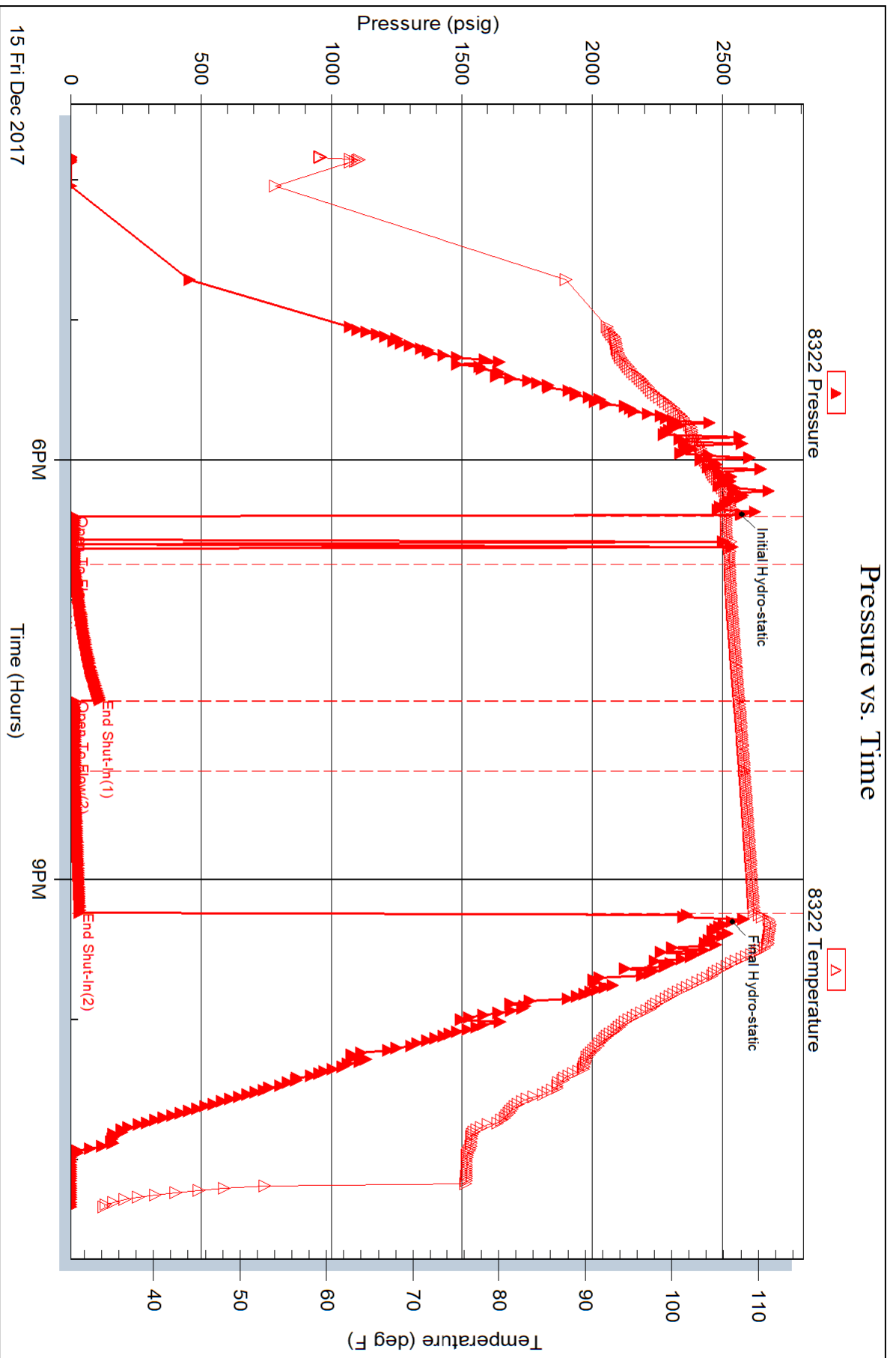
Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

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, Kansas
 67202+3013
 ATTN: Ken LeBlanc

33/29S/25W/Ford

Norton 1-33

Job Ticket: 62099

DST#: 2

Test Start: 2017.12.17 @ 09:45:00

GENERAL INFORMATION:

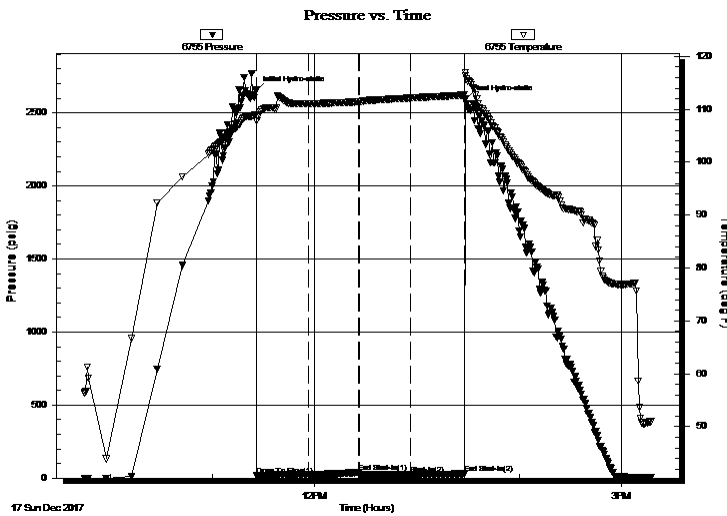
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:26:02
 Time Test Ended: 15:17:02
 Interval: **5243.00 ft (KB) To 5300.00 ft (KB) (TVD)**
 Total Depth: 5300.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 72 Pratt/164
 Reference Elevations: 2585.00 ft (KB)
 2574.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6755

Inside

Press@RunDepth: 23.21 psig @ 5244.00 ft (KB) Capacity: psig
 Start Date: 2017.12.17 End Date: 2017.12.17 Last Calib.: 2017.12.17
 Start Time: 09:45:01 End Time: 15:17:02 Time On Btm: 2017.12.17 @ 11:25:32
 Time Off Btm: 2017.12.17 @ 13:28:32

TEST COMMENT: I.F. 30 Minutes/ Surface blow died in 4 min/Flush tool/Surface blow died in 2 min.
 I.S.I. 30 Minutes/ No blow back
 F.F. 30 Minutes/ Surface blow died in 2 min
 F.S.I. 30 Minutes/ No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2654.58	108.93	Initial Hydro-static
1	17.86	107.80	Open To Flow (1)
31	23.97	111.06	Shut-In(1)
61	37.91	111.42	End Shut-In(1)
61	23.45	111.42	Open To Flow (2)
91	23.21	112.13	Shut-In(2)
122	29.80	112.71	End Shut-In(2)
123	2590.37	116.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.21

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, Kansas
 67202+3013
 ATTN: Ken LeBlanc

33/29S/25W/Ford

Norton 1-33

Job Ticket: 62099

DST#: 2

Test Start: 2017.12.17 @ 09:45:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:26:02

Time Test Ended: 15:17:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Pratt/164

Interval: 5243.00 ft (KB) To 5300.00 ft (KB) (TVD)

Reference Elevations: 2585.00 ft (KB)

Total Depth: 5300.00 ft (KB) (TVD)

2574.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8322 Outside

Press@RunDepth: 31.32 psig @ 5245.00 ft (KB)

Capacity: psig

Start Date: 2017.12.17

End Date:

2017.12.17

Last Calib.:

2017.12.17

Start Time: 09:45:01

End Time:

15:17:02

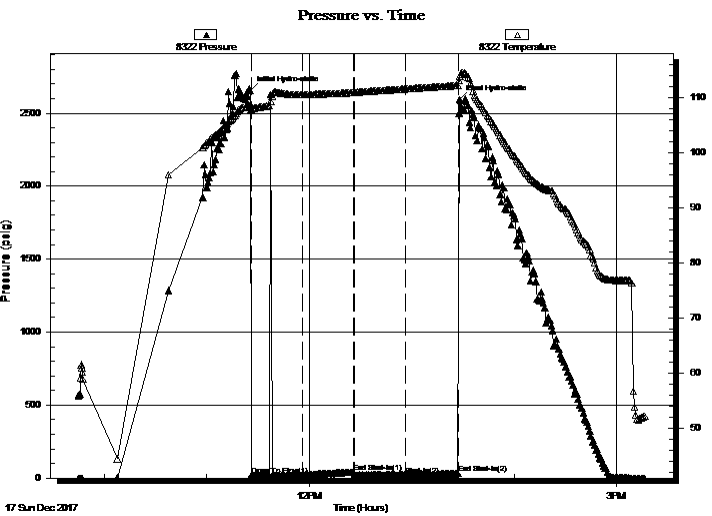
Time On Btm:

2017.12.17 @ 11:25:32

Time Off Btm:

2017.12.17 @ 13:28:17

TEST COMMENT: I.F. 30 Minutes/ Surface blow died in 4 min/Flush tool/Surface blow died in 2 min.
 I.S.I. 30 Minutes/ No blow back
 F.F. 30 Minutes/ Surface blow died in 2 min
 F.S.I. 30 Minutes/ No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2653.00	108.50	Initial Hydro-static
1	17.28	107.86	Open To Flow (1)
31	21.05	110.58	Shut-In(1)
61	39.91	110.97	End Shut-In(1)
61	21.71	110.97	Open To Flow (2)
91	22.00	111.64	Shut-In(2)
122	31.32	112.30	End Shut-In(2)
123	2593.09	113.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

33/29S/25W/Ford

200 W Douglas Ave #725

Norton 1-33

Wichita, Kansas

Job Ticket: 62099

DST#: 2

67202+3013

Test Start: 2017.12.17 @ 09:45:00

ATTN: Ken LeBlanc

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100%	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

