



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corporation  
 155 N Market Ste 700  
 Wichita, KS 67202  
 ATTN: Jim Hall

**27-28S-23W Ford**  
**Hawes Ranch 3-27**  
 Job Ticket: 51918      **DST#: 2**  
 Test Start: 2014.01.15 @ 12:56:00

## GENERAL INFORMATION:

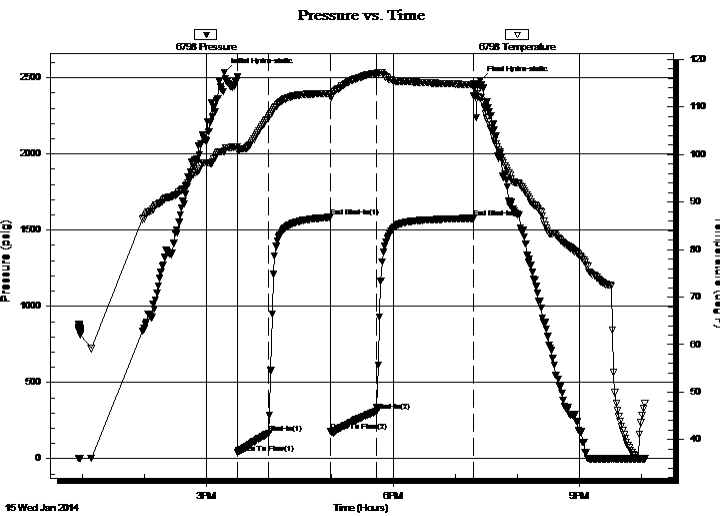
Formation: **Basal Penn**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 15:29:45  
 Tester: Leal Cason  
 Time Test Ended: 22:03:00  
 Unit No: 74  
 Interval: **5040.00 ft (KB) To 5150.00 ft (KB) (TVD)**  
 Reference Elevations: 2514.00 ft (KB)  
 Total Depth: 5150.00 ft (KB) (TVD)  
 2503.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Good  
 KB to GR/CF: 11.00 ft

## Serial #: 6798

Inside

Press @ Run Depth: 313.26 psig @ 5041.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.01.15      End Date: 2014.01.15      Last Calib.: 2014.01.15  
 Start Time: 12:56:01      End Time: 22:03:00      Time On Btm: 2014.01.15 @ 15:16:45  
 Time Off Btm: 2014.01.15 @ 19:24:30

**TEST COMMENT:** IF: Strong Blow , BOB in 3 minutes  
 IS: 1/4 inch Blow Back  
 FF: Strong Blow , BOB in 30 seconds, GTS in 17 minutes, Caught Sample, TSTM  
 FS: 1/2 inch Blow Back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2534.89	100.70	Initial Hydro-static
13	38.10	101.03	Open To Flow (1)
43	167.06	107.80	Shut-In(1)
103	1585.41	112.75	End Shut-In(1)
103	181.69	112.12	Open To Flow (2)
148	313.26	117.03	Shut-In(2)
241	1577.53	114.68	End Shut-In(2)
248	2480.54	111.92	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	4428 GIP	0.00
465.00	MCW 10%M 90%W	6.52
93.00	GMCW 10%G 40%M 50%W	1.30
60.00	GCM 10%G 90%M	0.84

\* Recovery from multiple tests

## Gas Rates

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



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Job Ticket: 51918

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Reference Elevations: 2514.00 ft (KB)

Total Depth: 5150.00 ft (KB) (TVD)

2503.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8367 Outside**

Press @ Run Depth: psig @ 5041.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.15 End Date: 2014.01.15

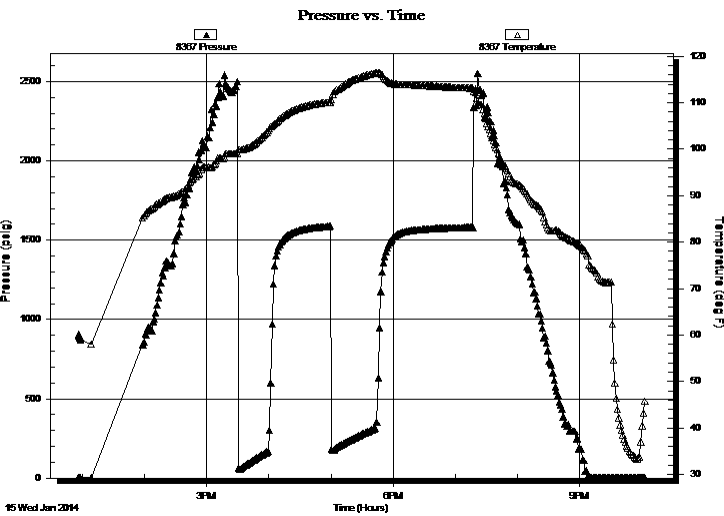
Last Calib.: 2014.01.15

Start Time: 12:56:01 End Time: 22:03:00

Time On Btm:

Time Off Btm:

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FS: 1/2 inch Blow Back



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	4428 GIP	0.00
465.00	MCW 10%M 90%W	6.52
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Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

\* Recovery from multiple tests



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**FLUID SUMMARY**

Vincent Oil Corporation

**27-28S-23W Ford**

155 N Market Ste 700  
Wichita, KS 67202

**Hawes Ranch 3-27**

Job Ticket: 51918

**DST#: 2**

ATTN: Jim Hall

Test Start: 2014.01.15 @ 12:56:00

## 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: 126000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

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	4428 GIP	0.000
465.00	MCW 10%M 90%W	6.523
93.00	GMCW 10%G 40%M 50%W	1.305
60.00	GCM 10%G 90%M	0.842

Total Length: 618.00 ft      Total Volume: 8.670 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .11 @ 41 degrees

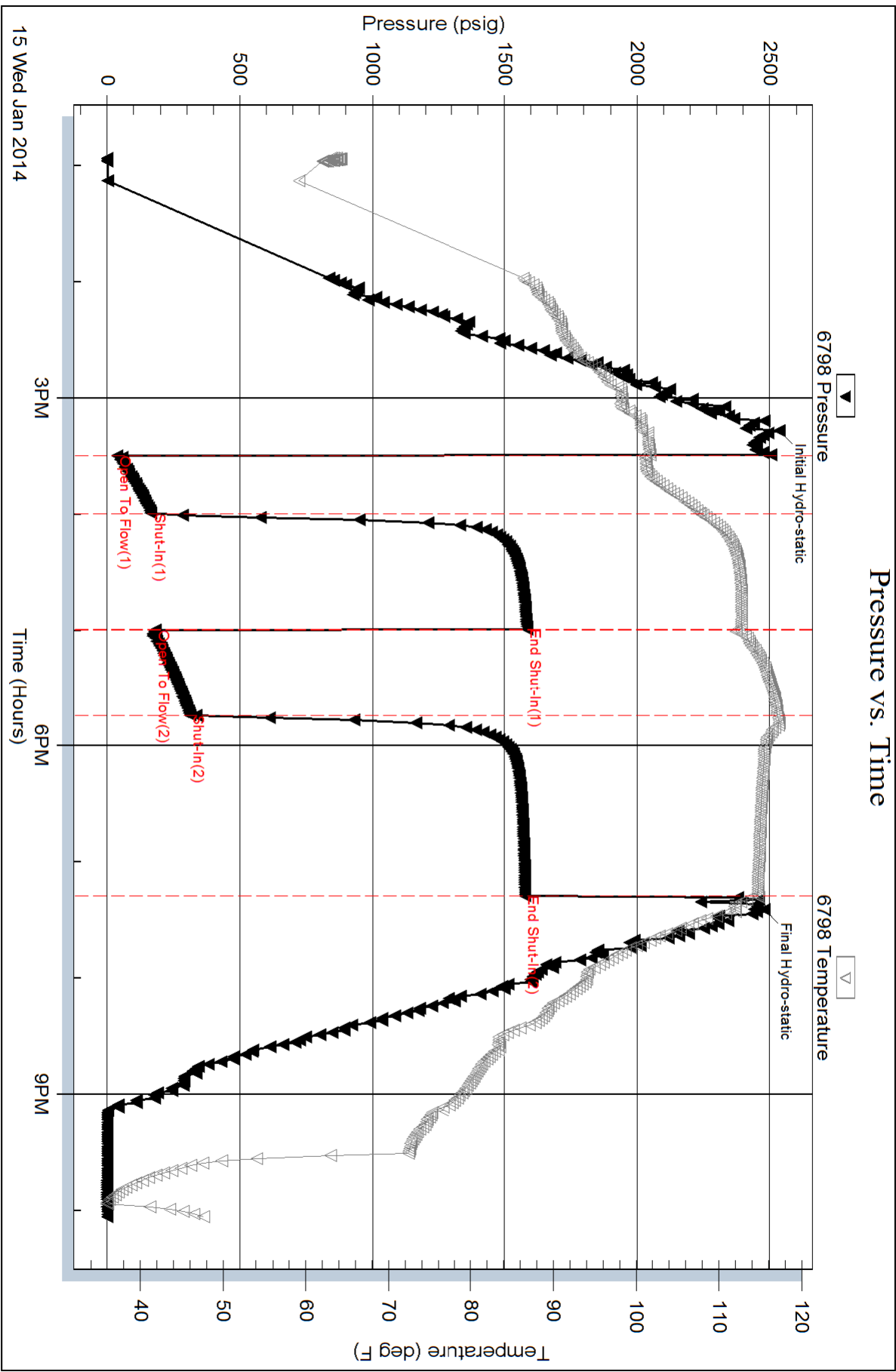
Serial #: 6798

Inside

Vincent Oil Corporation

Hawes Ranch 3-27

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 51918

Printed: 2014.01.15 @ 22:31:11

Serial #: 8367

Outside Vincent Oil Corporation

Hawes Ranch 3-27

DST Test Number: 2

