



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Vincent Oil Corp.  
 155 N. Market, Ste. 700  
 Wichita Ks. 67202  
 ATTN: Ken LeBlanc

**21-28s-23w Ford Ks**  
**Malone #4-21**  
 Job Ticket: 59921 **DST#: 2**  
 Test Start: 2014.11.05 @ 02:17:04

## GENERAL INFORMATION:

Formation: **Penn. Chert.**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 05:08:34  
 Time Test Ended: 13:25:04  
 Interval: **5054.00 ft (KB) To 5075.00 ft (KB) (TVD)**  
 Total Depth: 5075.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ryan Reynolds  
 Unit No: 68  
 Reference Elevations: 2443.00 ft (KB)  
 2431.00 ft (CF)  
 KB to GR/CF: 12.00 ft

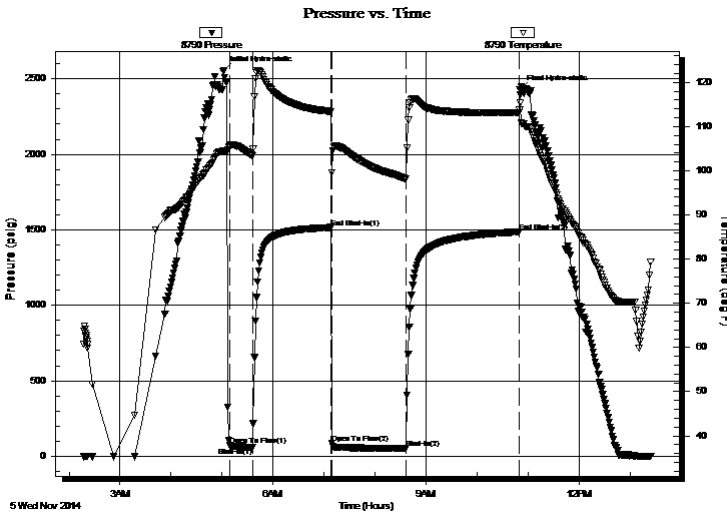
## Serial #: 8790

Inside

Press@RunDepth: 52.69 psig @ 5055.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.11.05 End Date: 2014.11.05 Last Calib.: 2014.11.05  
 Start Time: 02:17:09 End Time: 13:25:04 Time On Btm: 2014.11.05 @ 05:01:49  
 Time Off Btm: 2014.11.05 @ 10:50:04

TEST COMMENT: IF: Strong blow . BOB immed. GTS @ 6 1/2min.  
 IS: No blow  
 FF: Strong blow . BOB immed. Guaged gas.  
 FS: Weak surf. BB.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2555.50	104.45	Initial Hydro-static
7	71.85	105.25	Open To Flow (1)
35	59.27	103.41	Shut-In(1)
127	1515.54	113.42	End Shut-In(1)
128	86.98	99.63	Open To Flow (2)
215	52.69	98.16	Shut-In(2)
348	1487.07	113.13	End Shut-In(2)
349	2428.38	113.74	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	V SLI O spkd M trc%o, 99+%m	0.70

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	22.00	249.59
Last Gas Rate	0.50	16.00	209.12
Max. Gas Rate	0.50	23.00	256.34



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**Malone #4-21**  
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 Test Start: 2014.11.05 @ 02:17:04

## GENERAL INFORMATION:

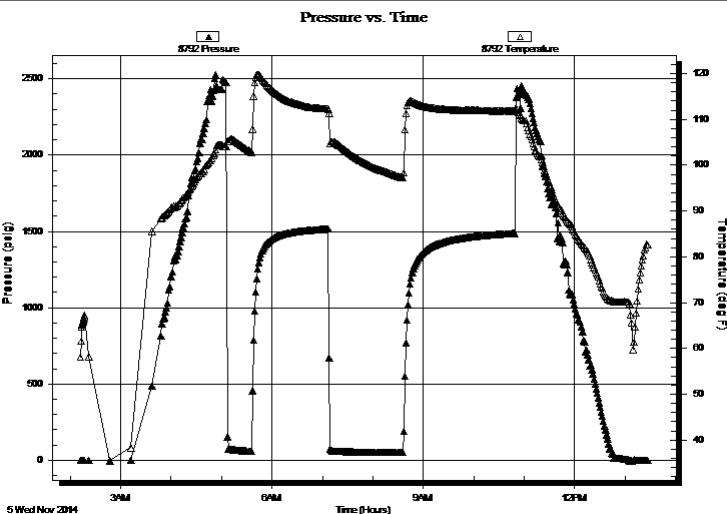
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 Total Depth: 5075.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ryan Reynolds  
 Unit No: 68  
 Reference Elevations: 2443.00 ft (KB)  
 2431.00 ft (CF)  
 KB to GR/CF: 12.00 ft

## Serial #: 8792

**Outside**

Press@RunDepth: psig @ 5055.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.11.05 End Date: 2014.11.05 Last Calib.: 2014.11.05  
 Start Time: 02:12:27 End Time: 13:27:07 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF: Strong blow . BOB immed. GTS @ 6 1/2min.  
 IS: No blow  
 FF: Strong blow . BOB immed. Guaged gas.  
 FS: Weak surf. BB.



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	V SLI O spkd M trc%o, 99+%m	0.70

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	22.00	249.59
Last Gas Rate	0.50	16.00	209.12
Max. Gas Rate	0.50	23.00	256.34

\* Recovery from multiple tests



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Corp.

**21-28s-23w Ford Ks**

155 N. Market, Ste. 700  
Wichita Ks. 67202

**Malone #4-21**

Job Ticket: 59921

**DST#: 2**

ATTN: Ken LeBlanc

Test Start: 2014.11.05 @ 02:17:04

## 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:

6700 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6300.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	V SLI O spkd M trc%o, 99+%m	0.701

Total Length: 50.00 ft

Total Volume: 0.701 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: RR-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

Vincent Oil Corp.

**21-28s-23w Ford Ks**

155 N. Market, Ste. 700  
Wichita Ks. 67202

**Malone #4-21**

Job Ticket: 59921

**DST#: 2**

ATTN: Ken LeBlanc

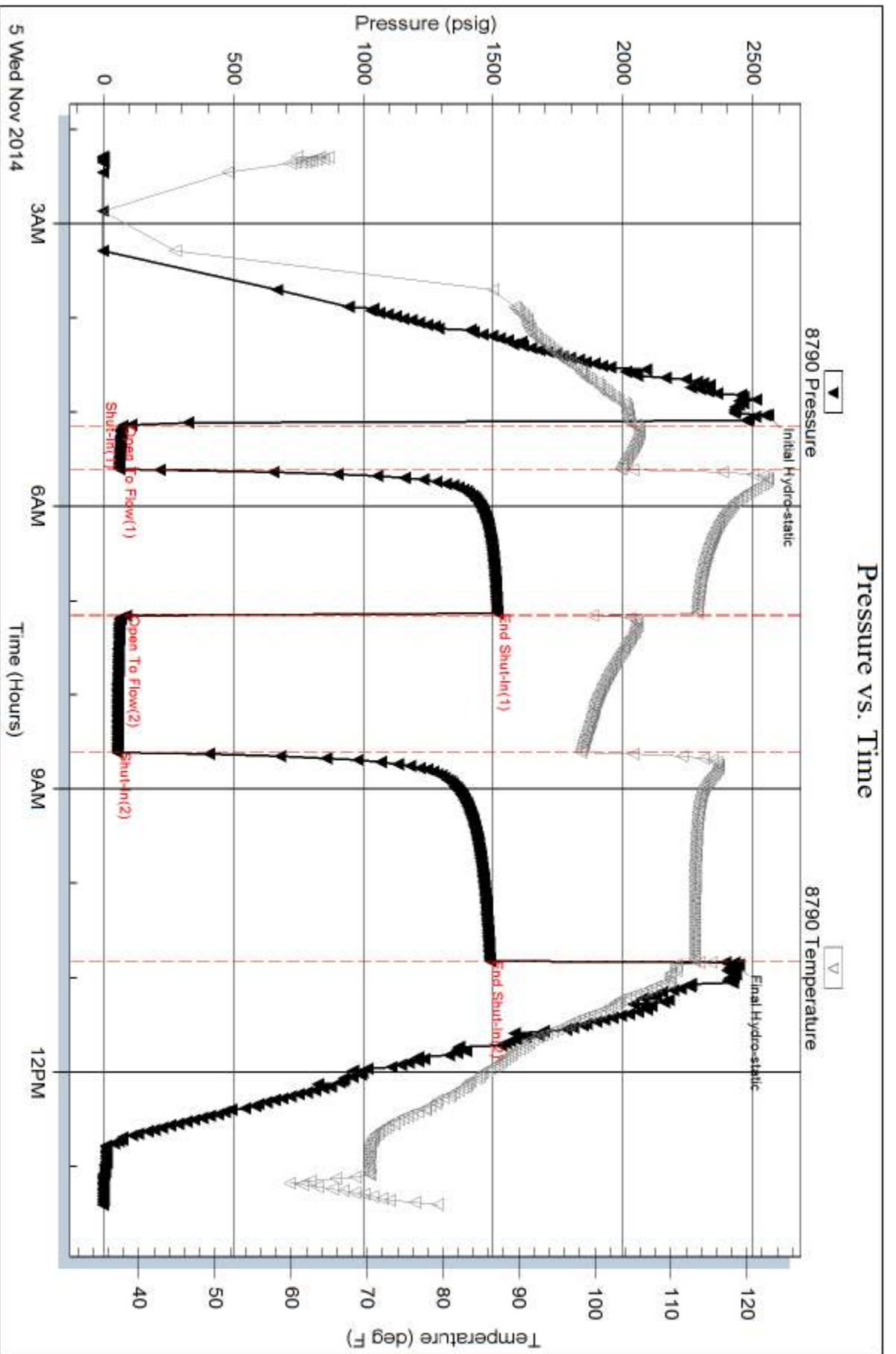
Test Start: 2014.11.05 @ 02:17:04

### 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	10	0.50	22.00	249.59
1	20	0.50	19.00	229.35
1	30	0.50	18.00	222.61
2	10	0.50	23.00	256.34
2	20	0.50	21.00	242.84
2	30	0.50	20.00	236.10
2	40	0.50	19.00	229.35
2	50	0.50	17.00	215.86
2	60	0.50	17.00	215.86
2	70	0.50	16.00	209.12
2	80	0.50	16.00	209.12
2	90	0.50	16.00	209.12



Serial #: 8792

Outside Vincent Oil Corp.

Malone #4-21

DST Test Number: 2

