



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Vincent Oil Corp.  
155 N. Market Ste. 700  
Wichita, KS 67202-1821  
ATTN: Ken LeBlanc

**21-28s-23w Ford Co.**  
**Malone 3-21**  
Job Ticket: 52477 **DST#: 1**  
Test Start: 2014.02.25 @ 21:50:18

## GENERAL INFORMATION:

Formation: **Marmaton**  
Deviated: No Whipstock: 0.00 ft (KB)  
Time Tool Opened: 01:38:48  
Time Test Ended: 08:29:03  
Interval: **4970.00 ft (KB) To 5010.00 ft (KB) (TVD)**  
Total Depth: 5010.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Ryan Reynolds  
Unit No: 68  
Reference Elevations: 2499.00 ft (KB)  
2487.00 ft (CF)  
KB to GR/CF: 12.00 ft

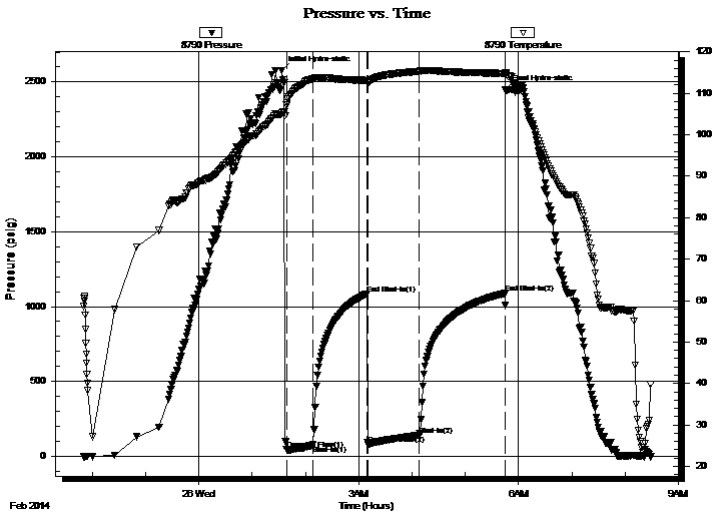
## Serial #: 8790

Inside

Press@RunDepth: 141.06 psig @ 4971.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2014.02.25 End Date: 2014.02.26 Last Calib.: 2014.02.26  
Start Time: 21:50:23 End Time: 08:29:03 Time On Btm: 2014.02.26 @ 01:33:33  
Time Off Btm: 2014.02.26 @ 05:45:18

TEST COMMENT: IF: Strong blow . BOB @ 1min. No GTS.  
IS: Weak surf. BB  
FF: Strong blow . BOB @ 3min. No GTS.  
FS: Fair 4" BB

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2576.36	105.22	Initial Hydro-static
6	44.58	107.63	Open To Flow (1)
35	73.64	113.44	Shut-In(1)
96	1086.23	113.12	End Shut-In(1)
97	80.22	112.67	Open To Flow (2)
155	141.06	115.29	Shut-In(2)
251	1088.43	114.79	End Shut-In(2)
252	2445.92	114.87	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	SLI OCW 2%oil, 98%w tr	0.98
120.00	WMGO 10%w tr, 20%mud, 30%gas, 40%	1.68
90.00	OCM 10%oil, 90%mud	1.26
0.00	920' GIP	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m <sup>3</sup> /d)



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**FLUID SUMMARY**

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**Malone 3-21**

Job Ticket: 52477

**DST#: 1**

ATTN: Ken LeBlanc

Test Start: 2014.02.25 @ 21:50:18

## 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:

63000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
70.00	SLI OCW 2%oil, 98%w tr	0.982
120.00	WMGO 10%w tr, 20%mud, 30%gas, 40%oil	1.683
90.00	OCM 10%oil, 90%mud	1.262
0.00	920' GIP	0.000

Total Length: 280.00 ft

Total Volume: 3.927 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

