



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corporation

**21-28S-23W Ford**

155 N Market Ste 700  
Wichita, KS 67202

**Malone 5-21**

Job Ticket: 59751

**DST#: 2**

ATTN: Ken LeBlanc

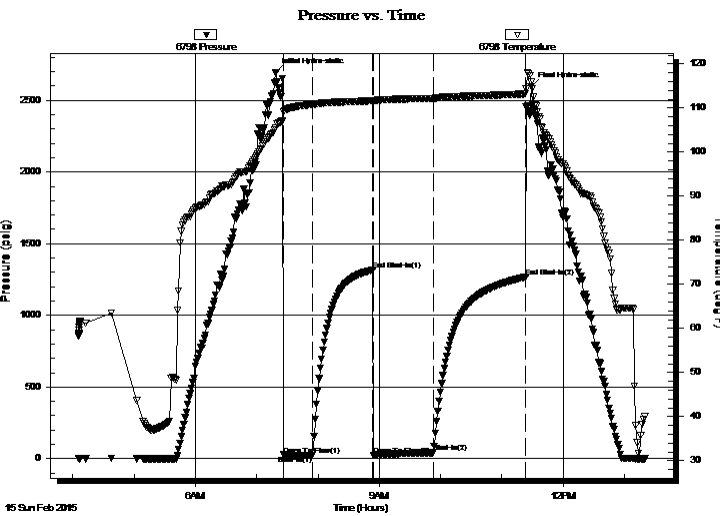
Test Start: 2015.02.15 @ 04:05:37

## GENERAL INFORMATION:

Formation: **Penn**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 07:26:07  
 Time Test Ended: 13:20:22  
 Interval: **5065.00 ft (KB) To 5082.00 ft (KB) (TVD)**  
 Total Depth: 5085.00 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: 2444.00 ft (KB)  
 2432.00 ft (CF)  
 KB to GR/CF: 12.00 ft

**Serial #: 6798 Inside**  
 Press @ Run Depth: 42.16 psig @ 5063.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.02.15 End Date: 2015.02.15 Last Calib.: 2015.02.15  
 Start Time: 04:05:38 End Time: 13:20:22 Time On Btm: 2015.02.15 @ 07:18:37  
 Time Off Btm: 2015.02.15 @ 11:28:37

**TEST COMMENT:** IF: Strong Blow , BOB in 1 minute  
 IS: 5 inch Blow Back  
 FF: Strong Blow , BOB in 10 seconds, GTS in 20 minutes, Gauged & Caught Sample  
 FS: No Blow Back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2694.17	105.53	Initial Hydro-static
8	27.06	109.06	Open To Flow (1)
37	26.13	110.75	Shut-In(1)
95	1317.15	111.64	End Shut-In(1)
96	23.25	111.51	Open To Flow (2)
155	42.16	112.16	Shut-In(2)
245	1268.59	113.21	End Shut-In(2)
250	2597.30	115.88	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	5026 GIP	0.00
45.00	SGCM 2%G 98%M	0.63

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	12.00	41.88
Last Gas Rate	0.25	18.00	51.40
Max. Gas Rate	0.25	18.00	51.40

\* Recovery from multiple tests



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## FLUID SUMMARY

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**DST#: 2**

ATTN: Ken LeBlanc

Test Start: 2015.02.15 @ 04:05:37

### 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: 75.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	5026 GIP	0.000
45.00	SGCM 2%G 98%M	0.631

Total Length: 45.00 ft      Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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## DRILL STEM TEST REPORT

**GAS RATES**

Vincent Oil Corporation

**21-28S-23W Ford**

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**Malone 5-21**

Job Ticket: 59751

**DST#: 2**

ATTN: Ken LeBlanc

Test Start: 2015.02.15 @ 04:05:37

### 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	20	0.25	12.00	41.88
2	30	0.25	14.00	45.05
2	40	0.25	16.00	48.23
2	50	0.25	17.00	49.81
2	60	0.25	18.00	51.40

# Pressure vs. Time

