



**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: 59752

**DST#: 3**

ATTN: Ken LeBlanc

Test Start: 2015.02.16 @ 00:17:18

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:06:48

Time Test Ended: 09:30:48

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

**Interval: 5092.00 ft (KB) To 5115.00 ft (KB) (TVD)**

Reference Elevations: 2444.00 ft (KB)

Total Depth: 5115.00 ft (KB) (TVD)

2432.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

**Serial #: 6798**

**Inside**

Press@RunDepth: 299.65 psig @ 5093.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.16

End Date:

2015.02.16

Last Calib.:

2015.02.16

Start Time: 00:17:19

End Time:

09:30:48

Time On Btm:

2015.02.16 @ 02:50:18

Time Off Btm:

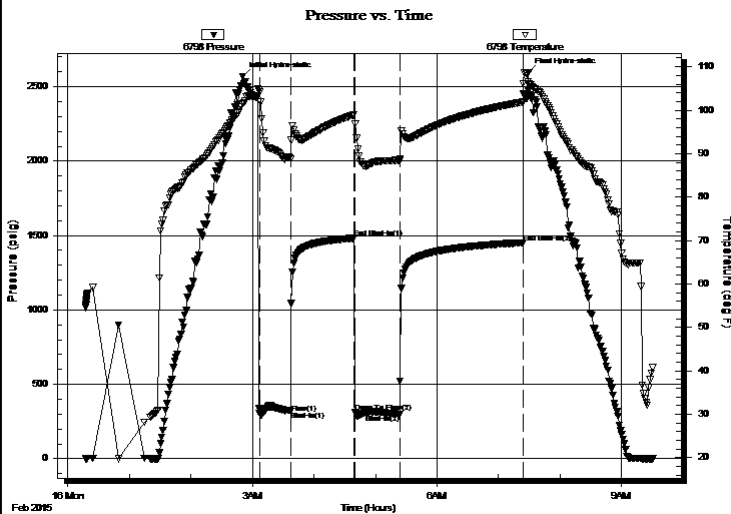
2015.02.16 @ 07:29:18

**TEST COMMENT:** IF: Strong Blow , BOB in 10 seconds, GTS in 5 minutes, Gauged & Caught Sample, Orange Flame

IS: 1/4 inch Blow Back

FF: Strong Blow , BOB & GTS Immediate, Gauged Gas

FS: No Blow Back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2568.36	101.59	Initial Hydro-static
17	306.36	104.17	Open To Flow (1)
47	320.56	88.73	Shut-In(1)
109	1482.51	98.95	End Shut-In(1)
110	310.01	96.95	Open To Flow (2)
154	299.65	88.47	Shut-In(2)
274	1452.10	101.88	End Shut-In(2)
279	2596.11	106.17	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	5052 GIP	0.00
50.00	GCM 5%G 95%M	0.70

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	175.00	1277.63
Last Gas Rate	0.75	60.00	1162.12
Max. Gas Rate	0.50	175.00	1277.63



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**FLUID SUMMARY**

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Test Start: 2015.02.16 @ 00:17:18

## 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:

ppm

Viscosity: 48.00 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 bbl
0.00	5052 GIP	0.000
50.00	GCM 5%G 95%M	0.701

Total Length: 50.00 ft      Total Volume: 0.701 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**

155 N Market Ste 700  
Wichita, KS 67202

**Malone 5-21**

Job Ticket: 59752

**DST#: 3**

ATTN: Ken LeBlanc

Test Start: 2015.02.16 @ 00:17:18

### 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	175.00	1277.63
1	20	0.75	100.00	1786.91
1	30	0.75	100.00	1786.91
2	10	0.75	50.00	1005.92
2	20	0.75	50.00	1005.92
2	30	0.75	60.00	1162.12
2	40	0.75	60.00	1162.12
2	45	0.75	60.00	1162.12

Serial #: 6798

Inside

Vincent Oil Corporation

Malone 5-21

DST Test Number: 3

