



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corporation  
 155 N. Market Suite 700  
 Wichita, Ks. 67202  
 ATTN: Tom Dugeon

**32-29s-24w Ford co.**  
**Marfam 1-32**  
 Job Ticket: 51941 **DST#: 2**  
 Test Start: 2014.03.13 @ 06:27:14

## GENERAL INFORMATION:

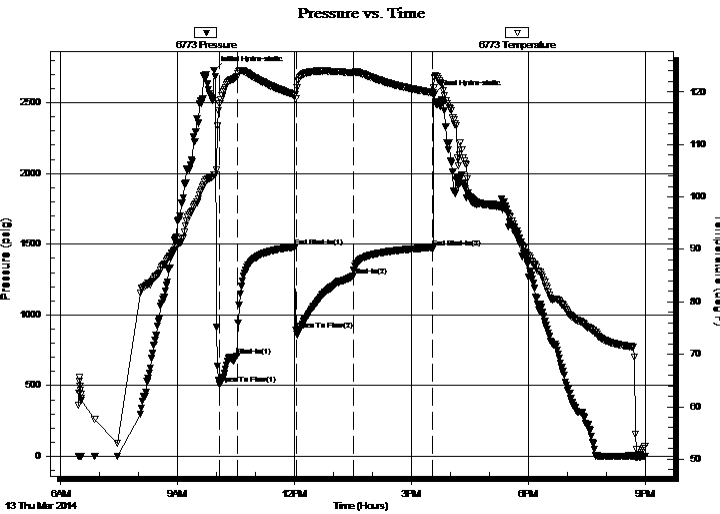
Formation: **Mississippi**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 10:04:29  
 Time Test Ended: 21:00:29  
 Interval: **5274.00 ft (KB) To 5362.00 ft (KB) (TVD)**  
 Total Depth: 5362.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Matt Smith  
 Unit No: 53  
 Reference Elevations: 2581.00 ft (KB)  
 2569.00 ft (CF)  
 KB to GR/CF: 12.00 ft

## Serial #: 6773

**Outside**

Press@RunDepth: 1276.71 psig @ 5275.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.03.13 End Date: 2014.03.13 Last Calib.: 2014.03.13  
 Start Time: 06:27:19 End Time: 21:00:29 Time On Btm: 2014.03.13 @ 09:55:59  
 Time Off Btm: 2014.03.13 @ 15:34:29

**TEST COMMENT:** IF: Strong blow . B.O.B. in 30 secs. GTS in 17 mins. Gauged gas see gas report.  
 IS: Strong blow . Bleed off through 1" choke never died off.  
 FF: Strong blow . B.O.B. in 1 min. GTS immediately. Gauged gas see gas report.  
 FS: Strong blow . Bleeding off through 1" choke. Surface blow at end of shut in.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2728.61	104.22	Initial Hydro-static
9	508.18	117.72	Open To Flow (1)
36	709.73	122.95	Shut-In(1)
125	1481.65	119.42	End Shut-In(1)
126	891.44	118.77	Open To Flow (2)
215	1276.71	123.69	Shut-In(2)
336	1476.93	119.91	End Shut-In(2)
339	2559.03	120.78	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 20%g 24%m 53%o 3% form., sar0.84	
120.00	GOWCM 10%w 15%g 25%o 40%m 10%1.68n., sa	
3825.00	Clear oil 100%o	53.65
	1260 GIP 100%g	

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	20.00	988.96
Last Gas Rate	0.25	11.00	40.30
Max. Gas Rate	1.00	25.00	1132.70



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**FLUID SUMMARY**

Vincent Oil Corporation

**32-29s-24w Ford co.**

155 N. Market Suite 700  
Wichita, Ks. 67202

**Marfam 1-32**

Job Ticket: 51941

**DST#: 2**

ATTN: Tom Dugeon

Test Start: 2014.03.13 @ 06:27:14

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

8000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	GOCM 20%g 24%m 53%o 3% form., sand	0.842
120.00	GOWCM 10%w 15%g 25%o 40%m 10% for	1.683
3825.00	Clear oil 100%o	53.655
	1260 GIP 100%g	

Total Length: 4005.00 ft      Total Volume: 56.180 bbl

Num Fluid Samples: 2

Num Gas Bombs: 2

Serial #: Pratt Matt

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: Gas samples were taken, and not enough water was in tubes to check, and formation sand was in grind out tubes and shut in tool.



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**GAS RATES**

Vincent Oil Corporation

**32-29s-24w Ford co.**

155 N. Market Suite 700  
Wichita, Ks. 67202

**Marfam 1-32**

Job Ticket: 51941

**DST#: 2**

ATTN: Tom Dugeon

Test Start: 2014.03.13 @ 06:27:14

### 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	20	1.00	20.00	988.96
1	30	1.00	25.00	1132.70
2	10	0.50	2.00	110.63
2	20	0.50	2.00	110.63
2	30	0.25	5.00	30.78
2	40	0.25	6.50	33.16
2	50	0.25	9.00	37.12
2	60	0.25	15.00	46.64
2	70	0.25	23.00	59.33
2	80	0.25	12.00	41.88
2	90	0.25	11.00	40.30

