



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Vincent Oil Corporation

27-28S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Hawes Ranch 3-27

ATTN: Jim Hall

Job Ticket: 51917

DST#: 1

Test Start: 2014.01.14 @ 01:39:26

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:51:26

Time Test Ended: 11:40:11

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 4988.00 ft (KB) To 5022.00 ft (KB) (TVD)

Reference Elevations: 2514.00 ft (KB)

Total Depth: 5022.00 ft (KB) (TVD)

2503.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press@RunDepth: 226.88 psig @ 4989.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.14

End Date:

2014.01.14

Last Calib.:

2014.01.14

Start Time: 01:39:27

End Time:

11:40:11

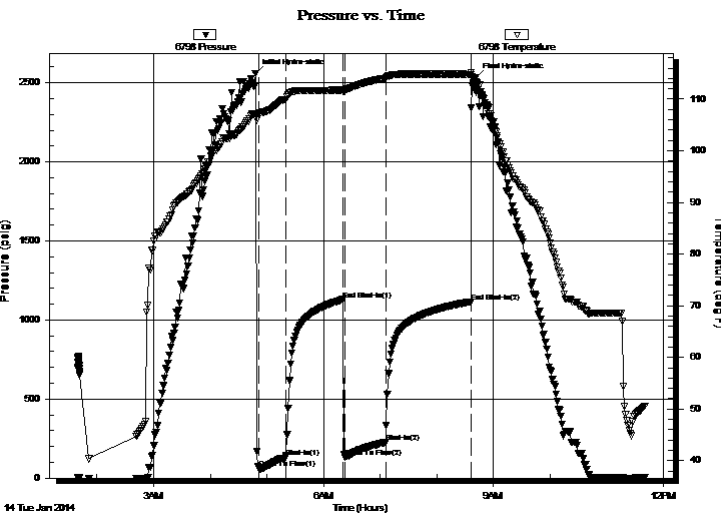
Time On Btm:

2014.01.14 @ 04:47:41

Time Off Btm:

2014.01.14 @ 08:41:56

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds
 IS: GTS 5 minutes into Bleed Off Weak Surface Blow Back
 FF: Strong Blow , BOB in 90 seconds, GTS Immediate, Gauged & Caught Sample
 FS: Weak Surface Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2559.29	106.94	Initial Hydro-static
4	60.00	107.34	Open To Flow (1)
33	130.31	109.97	Shut-In(1)
93	1129.02	111.75	End Shut-In(1)
96	130.89	111.73	Open To Flow (2)
138	226.88	114.04	Shut-In(2)
229	1115.33	114.80	End Shut-In(2)
235	2532.44	113.43	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
0.00	4447 GIP	0.00
93.00	MWCO 5%M 5%W 90%O	1.30
186.00	GSY Oil 15%G 85%O	2.61
256.00	GSY MCO 20%G 20%M 60%O	3.59

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	8.00	35.54
Last Gas Rate	0.25	6.00	32.36
Max. Gas Rate	0.25	8.00	35.54



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 8.79 in³
Resistivity: ohm.m
Salinity: 8000.00 ppm
Filter Cake: 0.02 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 57.6 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4447 GIP	0.000
93.00	MWCO 5%M 5%W 90%O	1.305
186.00	GSY Oil 15%G 85%O	2.609
256.00	GSY MCO 20%G 20%M 60%O	3.591

Total Length: 535.00 ft Total Volume: 7.505 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity w as 58.8 @ 48 degrees



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GAS RATES

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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	15	0.25	8.00	35.54
2	20	0.25	8.00	35.54
2	30	0.25	6.00	32.36
2	40	0.25	6.00	32.36
2	45	0.25	6.00	32.36

