



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Val Energy, INC

Frazier 1-34

200 W Douglas, AVE Str 520 Wichita, KS 67202

34-225-30W-Finney-KS

ATTN: Wes Hansen

Job Ticket: 042099

DST#: 1

Test Start: 2011.05.16 @ 13:29:34

GENERAL INFORMATION:

Formation: **Chase**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:38:29

Time Test Ended: 19:55:28

Test Type: Conventional Bottom Hole

Tester: Brandon Turley- Jace

Unit No: 35

Interval: **2642.00 ft (KB) To 2684.00 ft (KB) (TVD)**

Reference Elevations: 2797.00 ft (KB)

Total Depth: 2684.00 ft (KB) (TVD)

2787.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373 Inside

Press@RunDepth: 180.47 psig @ 2643.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.16

End Date:

2011.05.16

Last Calib.: 2011.05.16

Start Time: 13:29:34

End Time:

19:55:28

Time On Btm: 2011.05.16 @ 15:37:44

Time Off Btm: 2011.05.16 @ 18:15:58

TEST COMMENT: IF: 1/4 blow BOB in 8 min.

IS: No Return

FF: 1/4 blow BOB in 16 min.

FS: No Return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1281.20	92.21	Initial Hydro-static
1	86.55	91.79	Open To Flow (1)
30	135.91	92.27	Shut-In(1)
76	496.58	93.83	End Shut-In(1)
77	141.33	93.68	Open To Flow (2)
106	180.47	94.23	Shut-In(2)
158	482.04	95.00	End Shut-In(2)
159	1203.68	95.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	mcw 90%w 10%m	1.47
186.00	w cm 10%w 90%m	2.61

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Test Start: 2011.05.16 @ 13:29:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

17000 ppm

Viscosity: 29.00 sec/qt

Cushion Volume:

bbl

Water Loss: 0.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 19000.00 ppm

Filter Cake: 0.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	mcw 90%w 10%m	1.470
186.00	w cm 10%w 90%m	2.609

Total Length: 372.00 ft Total Volume: 4.079 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .38@73=17000

Pressure vs. Time

