

30-26-10W KGS
15-155-21544-0000 ✓



DRILL STEM TEST REPORT

Prepared For: **Val Energy Inc.**

200 W. Douglas, Ste. 520
Wichita, Kansas 67202

ATTN: Steve VanBuskirk

30 26 10 Reno KS

Branscom # 1

Start Date: 2008.09.11 @ 18:50:33

End Date: 2008.09.12 @ 04:57:33

Job Ticket #: 32906 DST #: 1

Val Energy Inc.

Branscom # 1

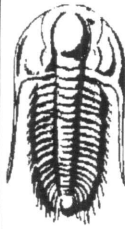
30 26 10 Reno KS

DST # 1

Viola

2008.09.11

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy Inc.
 200 W. Douglas, Ste. 520
 Wichita, Kansas 67202
 ATTN: Steve VanBuskirk

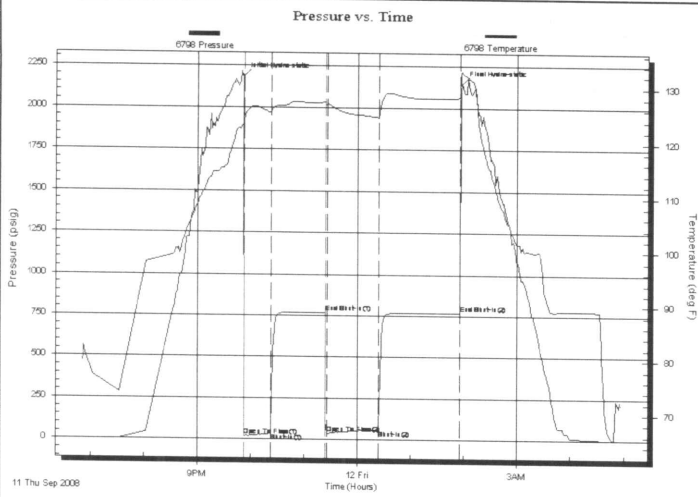
Branscom # 1
30 26 10 Reno KS
 Job Ticket: 32906 **DST#: 1**
 Test Start: 2008.09.11 @ 18:50:33

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 21:52:33 Tester: Jerry Adams
 Time Test Ended: 04:57:33 Unit No: 45
 Interval: **4280.00 ft (KB) To 4295.00 ft (KB) (TVD)** Reference Elevations: 1787.00 ft (KB)
 Total Depth: 4295.00 ft (KB) (TVD) 1777.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 6798 Inside
 Press@RunDepth: 61.84 psig @ 4282.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.09.11 End Date: 2008.09.12 Last Calib.: 2008.09.12
 Start Time: 18:50:34 End Time: 04:57:33 Time On Btm: 2008.09.11 @ 21:51:33
 Time Off Btm: 2008.09.12 @ 01:57:03

TEST COMMENT: IF Strong blow BOB in 45 secs. GTS in 21 mins. (see gas flow rpt)
 ISI Weak blow Built to 1/2"
 FF Strong blow BOB immediately
 FSI Weak blow Built to 1/2"



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.38	123.38	Initial Hydro-static
1	22.19	124.18	Open To Flow (1)
31	34.27	125.44	Shut-In(1)
92	769.86	127.44	End Shut-In(1)
94	35.35	126.96	Open To Flow (2)
152	61.84	124.74	Shut-In(2)
244	769.48	128.32	End Shut-In(2)
246	2139.11	133.16	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
130.00	HG&OCM 30%g 30%o 40%m	1.82
0.00	4130' GIP	0.00

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	2.50	26.81
Last Gas Rate	0.25	10.50	39.50
Max. Gas Rate	0.25	10.50	39.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy Inc.
200 W. Douglas, Ste. 520
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ATTN: Steve VanBuskirk

Branscom # 1
30 26 10 Reno KS
Job Ticket: 32906 **DST#: 1**
Test Start: 2008.09.11 @ 18:50:33

Tool Information

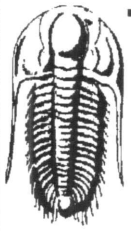
Drill Pipe:	Length: 4259.00 ft	Diameter: 3.80 inches	Volume: 59.74 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 59.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4280.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4257.00	
Hydraulic tool	5.00			4262.00	
Jars	5.00			4267.00	
Safety Joint	3.00			4270.00	
Packer	5.00			4275.00	28.00 Bottom Of Top Packer
Packer	5.00			4280.00	
Stubb	1.00			4281.00	
Perforations	1.00			4282.00	
Recorder	0.00	6798	Inside	4282.00	
Recorder	0.00	8358	Inside	4282.00	
Perforations	10.00			4292.00	
Bullnose	3.00			4295.00	15.00 Bottom Packers & Anchor

Total Tool Length: 43.00



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FLUID SUMMARY

Val Energy Inc.
200 W. Douglas, Ste. 520
Wichita, Kansas 67202
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Branscom # 1
30 26 10 Reno KS
Job Ticket: 32906 **DST#: 1**
Test Start: 2008.09.11 @ 18:50:33

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	HG&OCM 30%g 30%o 40%m	1.824
0.00	4130' GIP	0.000

Total Length: 130.00 ft Total Volume: 1.824 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #: GA-1
 Laboratory Name: Caraway Laboratory Location: Liberal, KS
 Recovery Comments:



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DRILL STEM TEST REPORT

GAS RATES

Val Energy Inc.
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Job Ticket: 32906 **DST#: 1**

ATTN: Steve VanBuskirk

Test Start: 2008.09.11 @ 18:50:33

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	25	0.25	2.50	26.81
1	25	0.25	2.50	26.81
1	25	0.25	2.50	26.81
1	30	0.25	3.00	27.60
2	10	0.25	5.00	30.78
2	20	0.25	8.00	35.54
2	30	0.25	9.00	37.12
2	40	0.25	10.00	38.71
2	50	0.25	10.50	39.50

