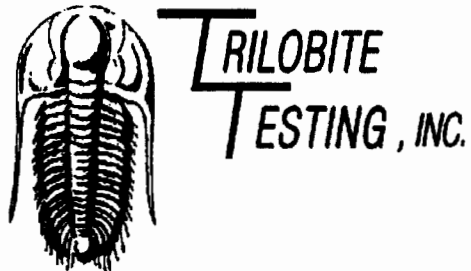


15-007-22464-0001

16-34s-10w



DRILL STEM TEST REPORT

Prepared For: **Val Energy Inc**

200 W Douglas Ste 520
Wichita KS 67202

ATTN: Robert Bayer

16 34S 10W Barber KS

Schrock #1-16 OWWO

Start Date: 2006.12.18 @ 11:39:19

End Date: 2006.12.18 @ 21:37:19

Job Ticket #: 25829 DST #: 1

KCC
JAN 05 2007
CONFIDENTIAL

Trilobite Testing, Inc
PO Box 362 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 KS 67202

ATTN: Robert Bayer

Schrock #1-16 OWWO
16 34S 10W Barber KS
Job Ticket: 25829 **DST#: 1**
Test Start: 2006.12.18 @ 11:39:19

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 14:00:49
Time Test Ended: 21:37:19

Test Type: Conventional Bottom Hole
Tester: Gerald Adams
Unit No: 36

Interval: **4650.00 ft (KB) To 4724.00 ft (KB) (TVD)**
Total Depth: **4724.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **1364.00 ft (KB)**
1354.00 ft (CF)
KB to GR/CF: **10.00 ft**

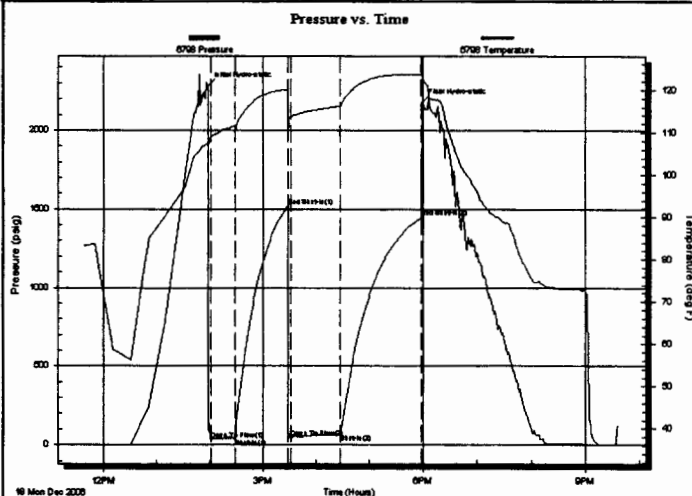
Serial #: 6798

Inside

Press@RunDepth: **66.13 psig @ 4651.00 ft (KB)**
Start Date: **2006.12.18** End Date: **2006.12.18**
Start Time: **11:39:24** End Time: **21:37:19**

Capacity: **7000.00 psig**
Last Calib.: **2006.12.18**
Time On Btm: **2006.12.18 @ 13:57:19**
Time Off Btm: **2006.12.18 @ 17:59:49**

TEST COMMENT: IF Strong blow BOB in 2 mins.
ISI No blow
FF Strong blow BOB immediately GTS in 2 mins. (see gas flow report)
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2281.04	107.28	Initial Hydro-static
4	33.96	109.00	Open To Flow (1)
31	40.11	111.56	Shut-In (1)
91	1517.01	120.01	End Shut-In (1)
94	44.52	113.66	Open To Flow (2)
151	66.13	116.18	Shut-In (2)
242	1450.24	123.58	End Shut-In (2)
243	2175.66	123.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	SGCM 5%G 95%M	1.54
0.00	4485' GIP	0.00
0.00		0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	2.00	6.18
Last Gas Rate	0.13	11.00	9.54
Max. Gas Rate	0.13	11.00	9.54



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy Inc

200 W Douglas Ste 520
Wichita KS 67202

ATTN: Robert Bayer

Schrock #1-16 OWWO

16 34S 10W Barber KS

Job Ticket: 25829

DST#: 1

Test Start: 2006.12.18 @ 11:39:19

Tool Information

Drill Pipe:	Length: 4573.00 ft	Diameter: 3.80 inches	Volume: 64.15 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: 20000.00 lb
Drill Collar:	Length: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume: 64.45 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4650.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	102.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4627.00	
Hydraulic tool	5.00			4632.00	
Jars	5.00			4637.00	
Safety Joint	3.00			4640.00	
Packer	5.00			4645.00	28.00 Bottom Of Top Packer
Packer	5.00			4650.00	
Stubb	1.00			4651.00	
Recorder	0.00	6798	Inside	4651.00	
Perforations	34.00			4685.00	
Change Over Sub	1.00			4686.00	
Blank Spacing	32.00			4718.00	
Change Over Sub	1.00			4719.00	
Perforations	2.00			4721.00	
Recorder	0.00	13249	Outside	4721.00	
Bullnose	3.00			4724.00	74.00 Bottom Packers & Anchor

Total Tool Length: 102.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc

Schrock #1-16 OWWO

200 W Douglas Ste 520
Wichita KS 67202

16 34S 10W Barber KS

ATTN: Robert Bayer

Job Ticket: 25829

DST#: 1

Test Start: 2006.12.18 @ 11:39:19

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	SGCM 5%G 95%M	1.539
0.00	4485' GIP	0.000
0.00		0.000

Total Length: 150.00 ft

Total Volume: 1.539 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: GA-2

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

DST Test Number: 1

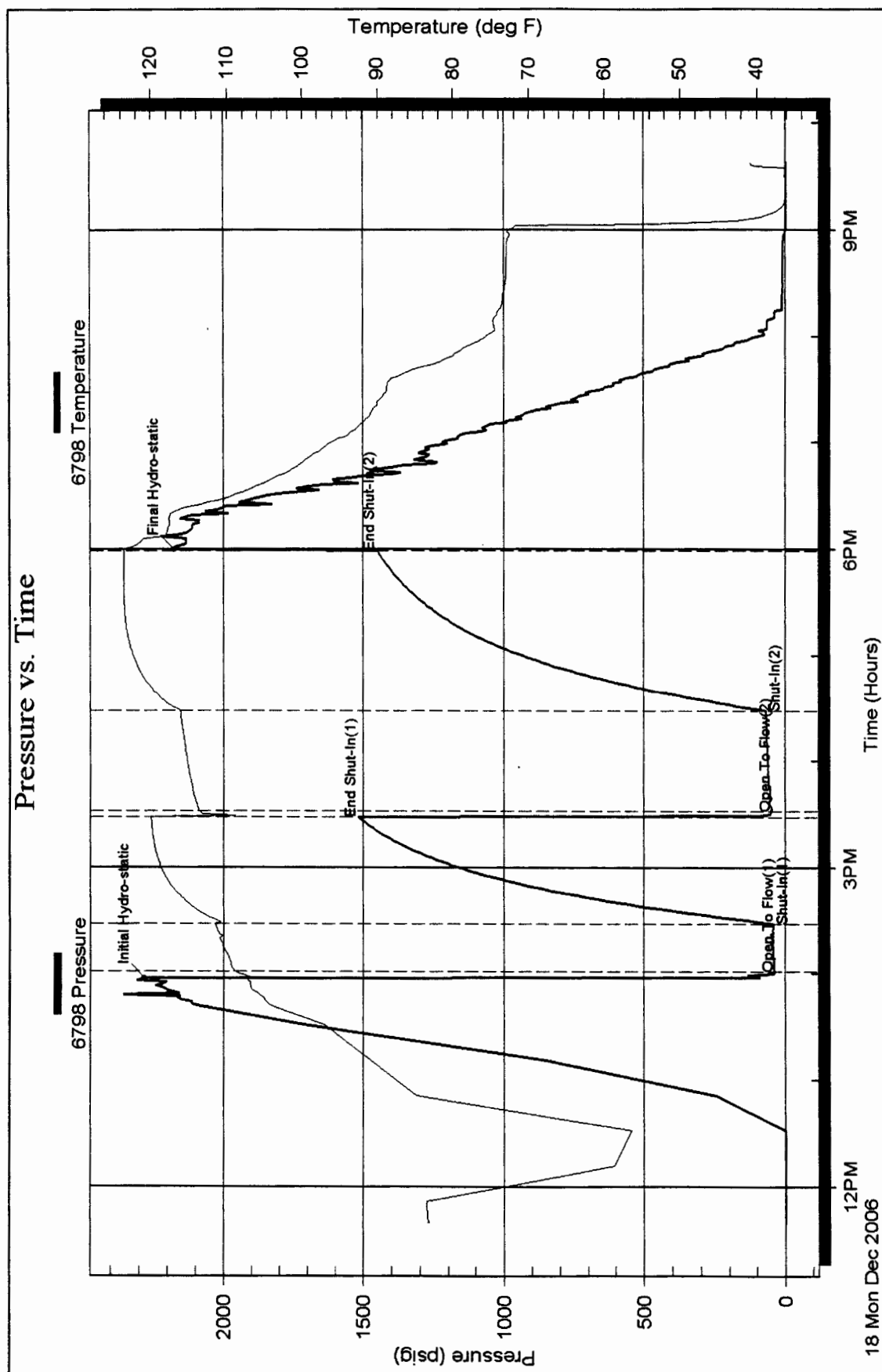
16 34S 10W Barber KS

Val Energy Inc

Inside

Serial #: 6798

Pressure vs. Time



Ref. No: 25829

Trilobite Testing, Inc

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