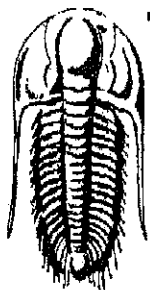


04-30S-01E
C SW NW



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Val Energy Inc.**

P.O. Box 116
Wichita, KS 67201

ORIGINAL

ATTN: Zeb Stewart

C SW NW
4-30s-1e Sumner KS

Wyant #1

Start Date: 2005.04.13 @ 07:10:54

End Date: 2005.04.13 @ 16:50:24

Job Ticket #: 21100 DST #: 1

API 15-191-22450-60-00

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 06 2005

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Val Energy Inc.

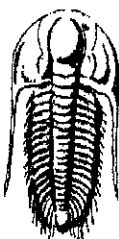
Wyant #1

4-30s-1e Sumner KS

DST # 1

Mississippi

2005.04.13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Val Energy Inc.

P.O. Box 116
Wichita, KS 67201

ATTN: Zeb Stewart

Wyant #1

4-30s-1e Sumner KS

Job Ticket: 21100

DST#: 1

Test Start: 2005.04.13 @ 07:10:54

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 10:47:09

Time Test Ended: 16:50:24

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **19**

Interval: **3350.00 ft (KB) To 3362.00 ft (KB) (TVD)**

Total Depth: **3362.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1261.00 ft (KB)**

1251.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6667 Inside

Press@RunDepth: **68.04 psig @ 3351.00 ft (KB)**

Start Date: **2005.04.13**

End Date:

2005.04.13

Capacity: **7000.00 psig**

Last Calib.: **2005.04.13**

Start Time: **07:10:59**

End Time:

16:50:24

Time On Btm: **2005.04.13 @ 10:45:39**

Time Off Btm: **2005.04.13 @ 13:53:54**

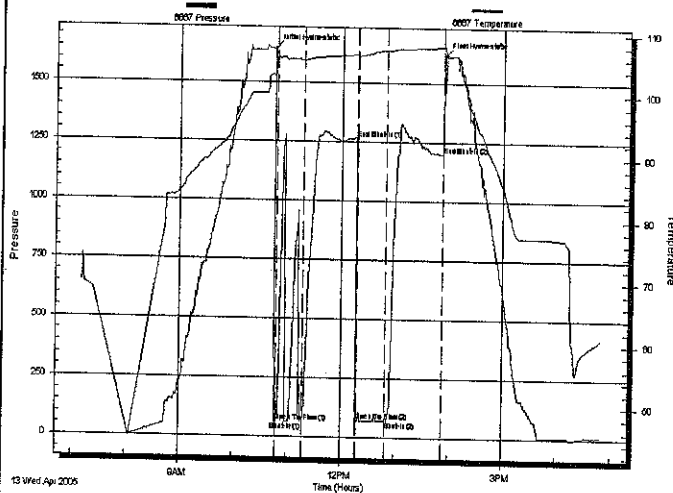
TEST COMMENT: IF: Weak Blow. 3.5" in 1min. Slowly died, blowing on top after 30min.

FF: Bled off. No blow.

FF: No blow.

FSt: No blow back.

Pressure vs. Time



PRESSURE SUMMARY

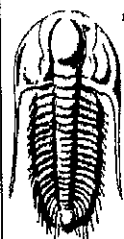
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1642.94	103.23	Initial Hydro-static
2	62.47	106.05	Open To Flow (1)
32	62.21	105.64	Shut-In(1)
91	1263.11	106.60	End Shut-In(1)
92	67.57	106.34	Open To Flow (2)
124	68.04	107.25	Shut-In(2)
188	1196.85	107.90	End Shut-In(2)
189	1613.83	107.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	drilg mud 100% m	0.44

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy Inc.

Wyant #1

P.O. Box 116
Wichita, KS 67201

4-30s-1e Sumner KS

Job Ticket: 21100

DST#: 1

ATTN: Zeb Stewart

Test Start: 2005.04.13 @ 07:10:54

Tool Information

Drill Pipe: Length: 3037.00 ft Diameter: 2.50 inches Volume: 18.44 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 311.00 ft Diameter: 2.25 inches Volume: 1.53 bbl
Total Volume: 19.97 bbl

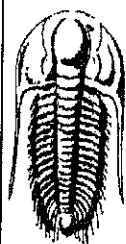
Tool Weight: 2100.00 lb
Weight set on Packer: 20000.00 lb
Weight to Pull Loose: 80000.00 lb
Tool Chased 7.00 ft
String Weight: Initial 50000.00 lb
Final 50000.00 lb

Drill Pipe Above KB: 18.00 ft
Depth to Top Packer: 3350.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 12.00 ft
Tool Length: 32.00 ft
Number of Packers: 1 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3335.00	
Hydraulic tool	5.00			3340.00	
Packer	5.00			3345.00	20.00 Bottom Of Top Packer
Packer	5.00			3350.00	
Stubb	1.00			3351.00	
Recorder	0.00	6667	Inside	3351.00	
Perforations	8.00			3359.00	
Recorder	0.00	6074	Outside	3359.00	
Bullnose	3.00			3362.00	12.00 Bottom Packers & Anchor
Total Tool Length:	32.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc.

Wyant #1

P.O. Box 116
Wichita, KS 67201

4-30s-1e Sumner KS

Job Ticket: 21100

DST#: 1

ATTN: Zeb Stewart

Test Start: 2005.04.13 @ 07:10:54

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: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 0.04 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	drfg mud 100% m	0.443

Total Length: 90.00 ft

Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

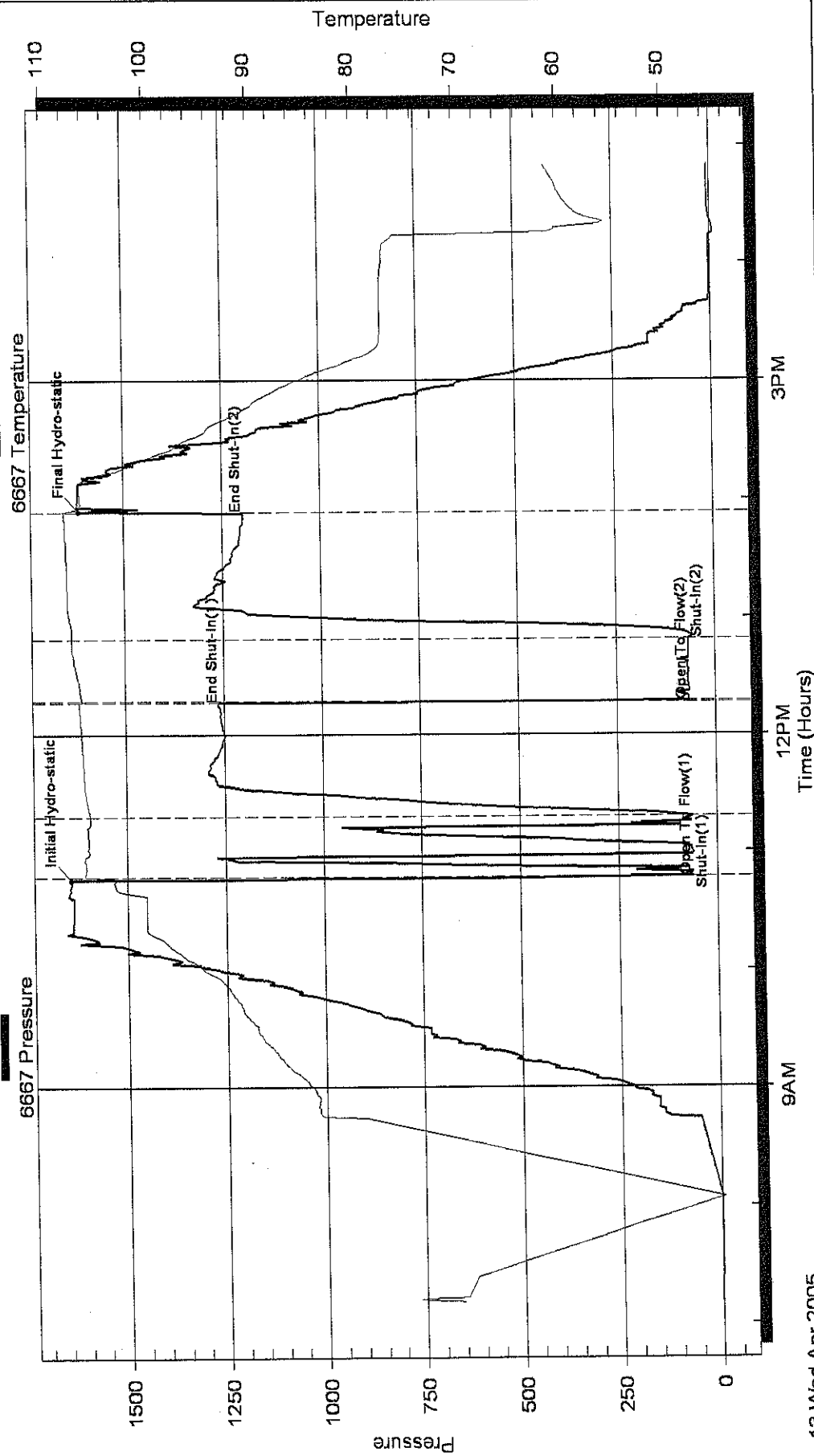
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Val Energy Inc.**

P.O. Box 116
Wichita, KS 67201

ATTN: Zeb Stewart

4-30s-1e Sumner KS

Wyant #1

Start Date: 2005.04.14 @ 03:25:57

End Date: 2005.04.14 @ 14:00:27

Job Ticket #: 20726

DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Val Energy Inc.

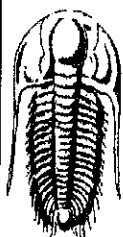
Wyant #1

4-30s-1e Sumner KS

DST # 2

Mississippi

2005.04.14



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Val Energy Inc.

P.O. Box 116
Wichita, KS 67201

ATTN: Zeb Stewart

Wyant #1

4-30s-1e Sumner KS

Job Ticket: 20726

DST#: 2

Test Start: 2005.04.14 @ 03:25:57

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: ft (KB)

Time Tool Opened: 06:41:12

Time Test Ended: 14:00:27

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 19

Interval: **3350.00 ft (KB) To 3410.00 ft (KB) (TVD)**

Total Depth: **3410.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **1261.00 ft (KB)**

1251.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6667 **Inside**

Press@RunDepth: **308.51 psig @ 3351.00 ft (KB)**

Start Date: **2005.04.14**

End Date:

2005.04.14

Capacity: **7000.00 psig**

Last Calib.: **2005.04.14**

Start Time: **03:26:02**

End Time:

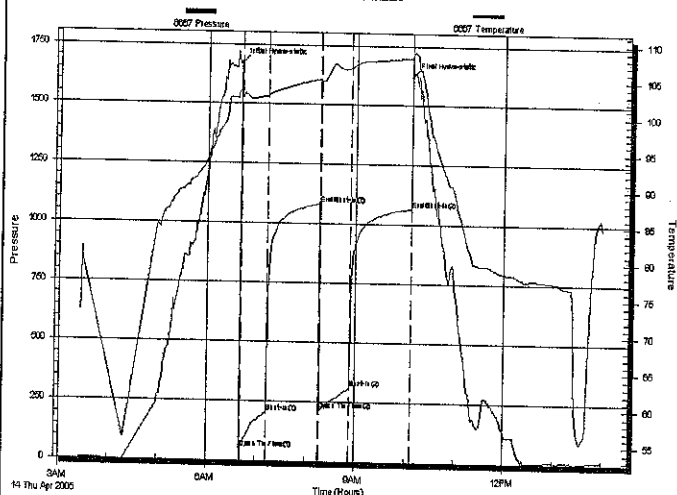
14:00:27

Time On Btm: **2005.04.14 @ 06:40:57**

Time Off Btm: **2005.04.14 @ 10:07:12**

TEST COMMENT: IF: Fair blow, BOB 15min.
IS: Bled off, no blow back.
FF: Weak blow @ 10" after 30min.
FS: Bled off, no blow back.

Pressure vs. Time



PRESSURE SUMMARY

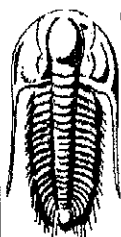
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1672.28	103.43	Initial Hydro-static
1	50.20	103.00	Open To Flow (1)
32	205.16	102.67	Shut-In(1)
96	1080.45	105.06	End Shut-In(1)
96	218.14	104.84	Open To Flow (2)
132	308.51	106.54	Shut-In(2)
206	1063.87	108.05	End Shut-In(2)
207	1618.91	108.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Mdy Wtr 50%m 50%w	0.74
150.00	MCW 20%m 80%w	0.76
220.00	MCW 15%m 85%w	1.34
60.00	GCMtryM 6%g 26%w 68%m	0.36
0.00	400' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy Inc.

P.O. Box 116
Wichita, KS 67201

ATTN: Zeb Stewart

Wyant #1

4-30s-1e Sumner KS

Job Ticket: 20726

DST#: 2

Test Start: 2005.04.14 @ 03:25:57

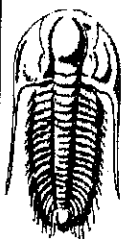
Tool Information

Drill Pipe:	Length: 3068.00 ft	Diameter: 2.50 inches	Volume: 18.63 bbl	Tool Weight:	2100.00 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: 280.00 ft	Diameter: 2.25 inches	Volume: 1.38 bbl	Weight to Pull Loose:	64000.00 lb
			Total Volume: 20.01 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3350.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	60.00 ft				
Tool Length:	80.00 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			3335.00	
Hydraulic tool	5.00			3340.00	
Packer	5.00			3345.00	20.00 Bottom Of Top Packer
Packer	5.00			3350.00	
Stubb	1.00			3351.00	
Recorder	0.00	6667	Inside	3351.00	
Perforations	10.00			3361.00	
Change Over Sub	1.00			3362.00	
Blank Spacing	31.00			3393.00	
Change Over Sub	1.00			3394.00	
Perforations	13.00			3407.00	
Recorder	0.00	6074	Outside	3407.00	
Bullnose	3.00			3410.00	60.00 Bottom Packers & Anchor

Total Tool Length: 80.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc.

Wyant #1

P.O. Box 116
Wichita, KS 67201

4-30s-1e Sumner KS

Job Ticket: 20726

DST#: 2

ATTN: Zeb Stewart

Test Start: 2005.04.14 @ 03:25:57

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 1200.00 ppm

Filter Cake: 0.04 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	Mdy Wtr 50%m 50%w	0.738
150.00	MCW 20%m 80%w	0.761
220.00	MCW 15%m 85%w	1.336
60.00	GCMtryM 6%g 26%w 68%m	0.364
0.00	400' GIP	0.000

Total Length: 580.00 ft

Total Volume: 3.199 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

