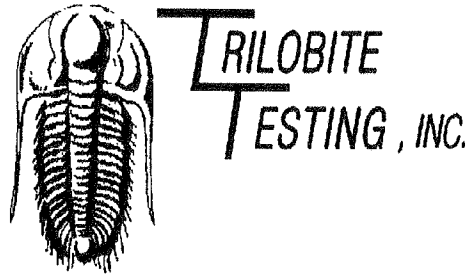


34-20s-13w



### DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum**

PO Box 1913  
Enid OK 73702

ATTN: Jim Musgrove

15-009-25169

**34 20S 13W Barton KS**

**Schneider-Hiss # 1-34**

Start Date: 2008.03.05 @ 15:48:21

End Date: 2008.03.06 @ 00:46:01

Job Ticket #: 31168                      DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Printed: 2008.03.12 @ 14:13:43 Page 1

KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS

Blue Ridge Petroleum

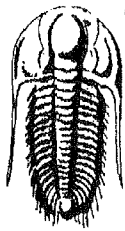
Schneider-Hiss # 1-34

34 20S 13W Barton KS

DST # 1

LKC-A-D

2008.03.05



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

ATTN: Jim Musgrove

Job Ticket: 31168

DST#: 1

Test Start: 2008.03.05 @ 15:48:21

## GENERAL INFORMATION:

Formation: **LKC A-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:38:01

Time Test Ended: 00:46:01

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 24

Interval: **3254.00 ft (KB) To 3315.00 ft (KB) (TVD)**

Reference Elevations: 1889.00 ft (KB)

Total Depth: 3315.00 ft (KB) (TVD)

1878.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8166 Inside**

Press@RunDepth: 655.36 psig @ 3255.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.03.05

End Date: 2008.03.06

Last Calib.: 2008.03.06

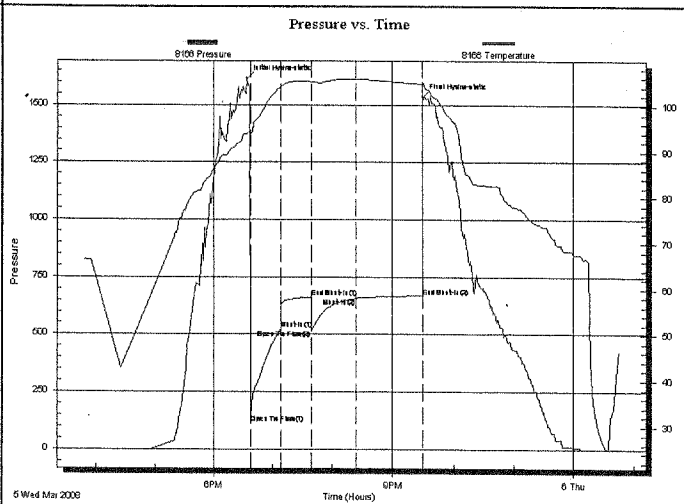
Start Time: 15:48:26

End Time: 00:46:00

Time On Btm: 2008.03.05 @ 18:34:31

Time Off Btm: 2008.03.05 @ 21:28:51

**TEST COMMENT:** IF Strong Blow BOB in 2 min  
ISI Bled Off No Blow back  
FF Weak Blow 5" Died off Completely in 21 min  
FSI No Blow



## PRESSURE SUMMARY

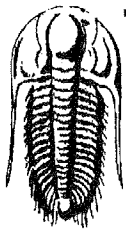
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1612.57	93.84	Initial Hydro-static
4	112.11	93.49	Open To Flow (1)
34	523.20	104.14	Shut-In (1)
65	661.96	105.32	End Shut-In (1)
65	518.99	105.25	Open To Flow (2)
110	655.36	105.90	Shut-In (2)
175	664.16	104.86	End Shut-In (2)
175	1533.05	105.15	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 372 Feet	0.00
930.00	GSYW 8%G 92%W	12.19
496.00	GSYSOMCW 8%G 2%O 30%M 60%W	6.96

## Gas Rates

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



**TRILOBITE**  
**TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

Job Ticket: 31168

**DST#: 1**

ATTN: Jim Musgrove

Test Start: 2008.03.05 @ 15:48:21

## Tool Information

Drill Pipe:	Length: 3160.00 ft	Diameter: 3.80 inches	Volume: 44.33 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: 94.00 ft	Diameter: 2.25 inches	Volume: 0.46 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 44.79 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3254.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

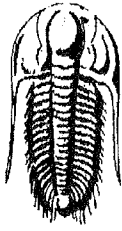
Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			3234.00	
Change Over Sub	1.00			3235.00	
Shut In Tool	5.00			3240.00	
Hydraulic tool	5.00			3245.00	
Packer	5.00			3250.00	21.00 Bottom Of Top Packer
Packer	4.00			3254.00	
Stubb	1.00			3255.00	
Recorder	0.00	8166	Inside	3255.00	
Recorder	0.00	8356	Outside	3255.00	
Perforations	15.00			3270.00	
Drill Pipe	33.00			3303.00	
Perforations	9.00			3312.00	
Bullnose	3.00			3315.00	61.00 Bottom Packers & Anchor

**Total Tool Length: 82.00**

RECEIVED  
KANSAS CORPORATION COMMISSION

**APR 23 2008**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

ATTN: Jim Musgrove

Job Ticket: 31168      **DST#: 1**

Test Start: 2008.03.05 @ 15:48:21

**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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5100.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP 372 Feet	0.000
930.00	GSYW 8%G 92%W	12.189
496.00	GSYSOMCW 8%G 2%O 30%M 60%W	6.958

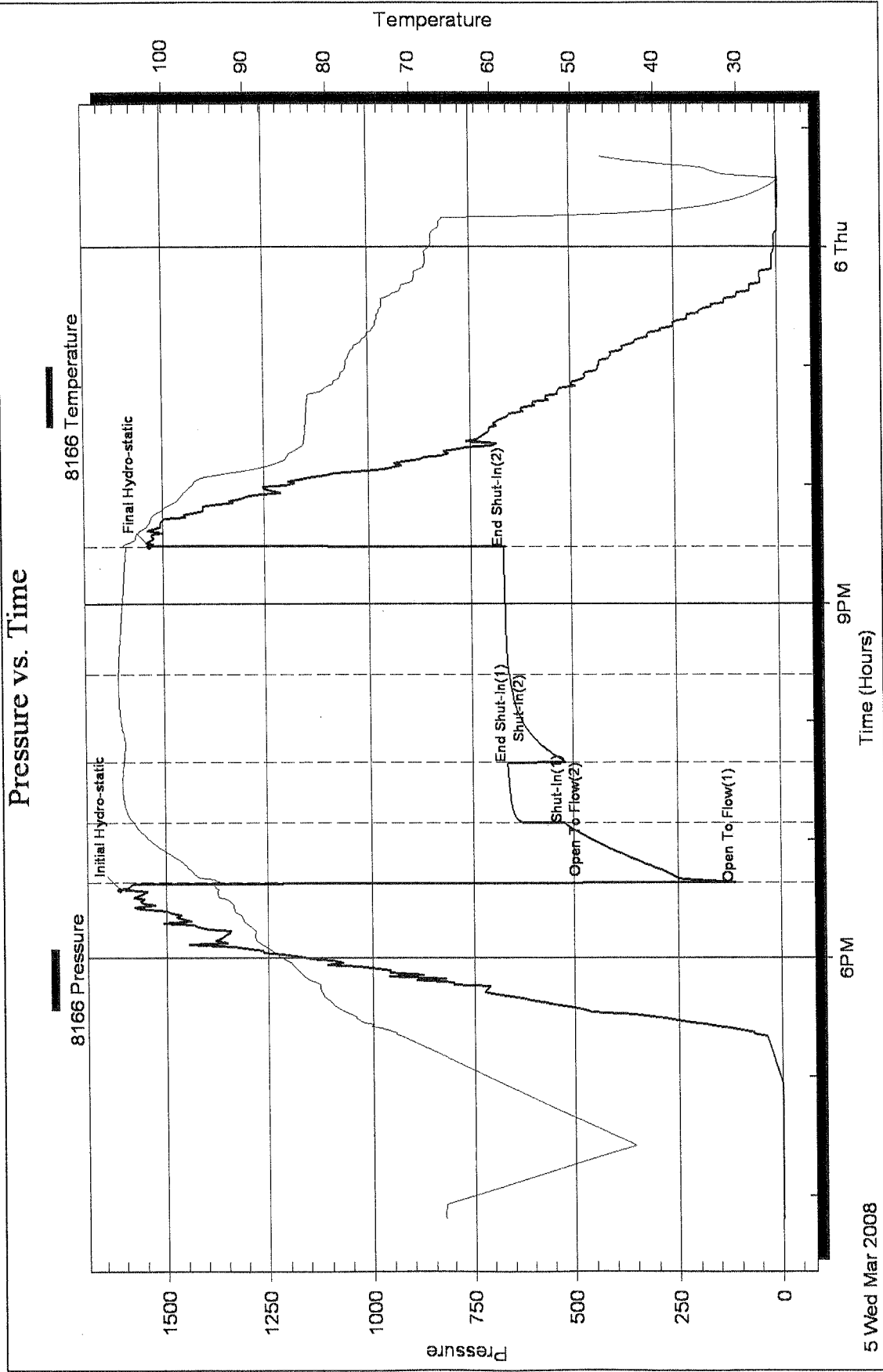
Total Length: 1426.00 ft      Total Volume: 19.147 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

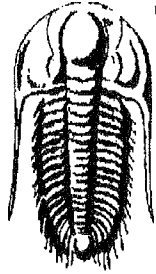
### Pressure vs. Time



RECEIVED  
KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum**

PO Box 1913  
Enid OK 73702

ATTN: Jim Musgrove

**34 20S 13W Barton KS**

**Schneider-Hiss # 1-34**

Start Date: 2008.03.06 @ 08:18:55

End Date: 2008.03.06 @ 15:29:55

Job Ticket #: 31169                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Printed: 2008.03.12 @ 14:14:24 Page 1  
RECEIVED  
KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS

Blue Ridge Petroleum

Schneider-Hiss # 1-34

34 20S 13W Barton KS

DST # 2

LKC E-F

2008.03.06



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

ATTN: Jim Musgrove

Job Ticket: 31169

DST#: 2

Test Start: 2008.03.06 @ 08:18:55

## GENERAL INFORMATION:

Formation: **LKC E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:25:45

Time Test Ended: 15:29:55

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 24

Interval: **3315.00 ft (KB) To 3345.00 ft (KB) (TVD)**

Total Depth: 3345.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1889.00 ft (KB)

1878.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8166**

**Inside**

Press@RunDepth: 116.86 psig @ 3316.00 ft (KB)

Start Date: 2008.03.06

End Date:

2008.03.06

Capacity: 7000.00 psig

Last Calib.: 2008.03.06

Start Time: 08:19:00

End Time:

15:29:54

Time On Btm: 2008.03.06 @ 10:22:25

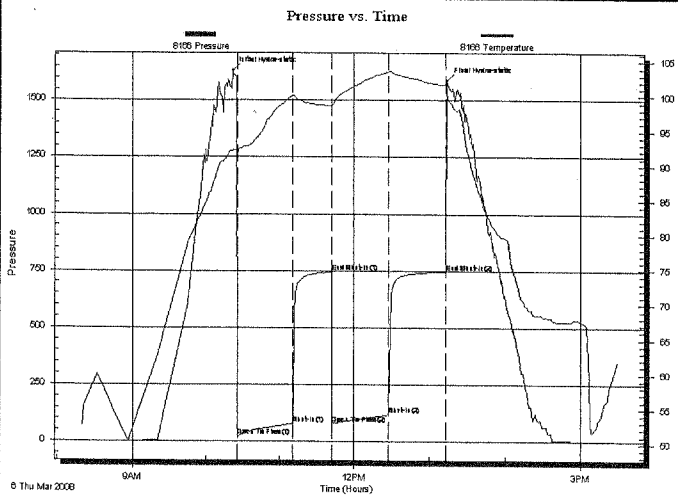
Time Off Btm: 2008.03.06 @ 13:13:45

TEST COMMENT: IF Weak Blow 3 1/2 "

ISI No Blow back

FF Weak Blow 1 1/2 "

FSI No Blow back



## PRESSURE SUMMARY

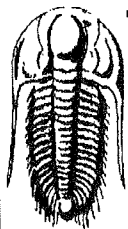
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1629.07	92.24	Initial Hydro-static
4	20.01	91.57	Open To Flow (1)
49	77.91	100.17	Shut-In(1)
80	744.03	98.70	End Shut-In(1)
80	78.58	98.51	Open To Flow(2)
125	116.86	103.58	Shut-In(2)
171	745.00	101.64	End Shut-In(2)
172	1584.73	100.57	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	Water	0.83
65.00	MCW 10%M 90%W	0.91

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

Job Ticket: 31169

**DST#: 2**

ATTN: Jim Musgrove

Test Start: 2008.03.06 @ 08:18:55

## Tool Information

Drill Pipe:	Length: 3223.00 ft	Diameter: 3.80 inches	Volume: 45.21 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: 94.00 ft	Diameter: 2.25 inches	Volume: 0.46 bbl	Weight to Pull Loose: lb
		<b>Total Volume:</b>	<b>45.67 bbl</b>	Tool Chased: ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3315.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

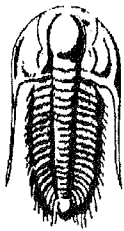
Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			3295.00	
Change Over Sub	1.00			3296.00	
Shut In Tool	5.00			3301.00	
Hydraulic tool	5.00			3306.00	
Packer	5.00			3311.00	21.00 Bottom Of Top Packer
Packer	4.00			3315.00	
Stubb	1.00			3316.00	
Recorder	0.00	8166	Inside	3316.00	
Recorder	0.00	8356	Outside	3316.00	
Perforations	26.00			3342.00	
Bullnose	3.00			3345.00	30.00 Bottom Packers & Anchor

**Total Tool Length: 51.00**

**APR 23 2008**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

ATTN: Jim Musgrove

Job Ticket: 31169

**DST#: 2**

Test Start: 2008.03.06 @ 08:18:55

## 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:

69000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Water	0.827
65.00	MCW 10%M 90%W	0.912

Total Length: 185.00 ft

Total Volume: 1.739 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

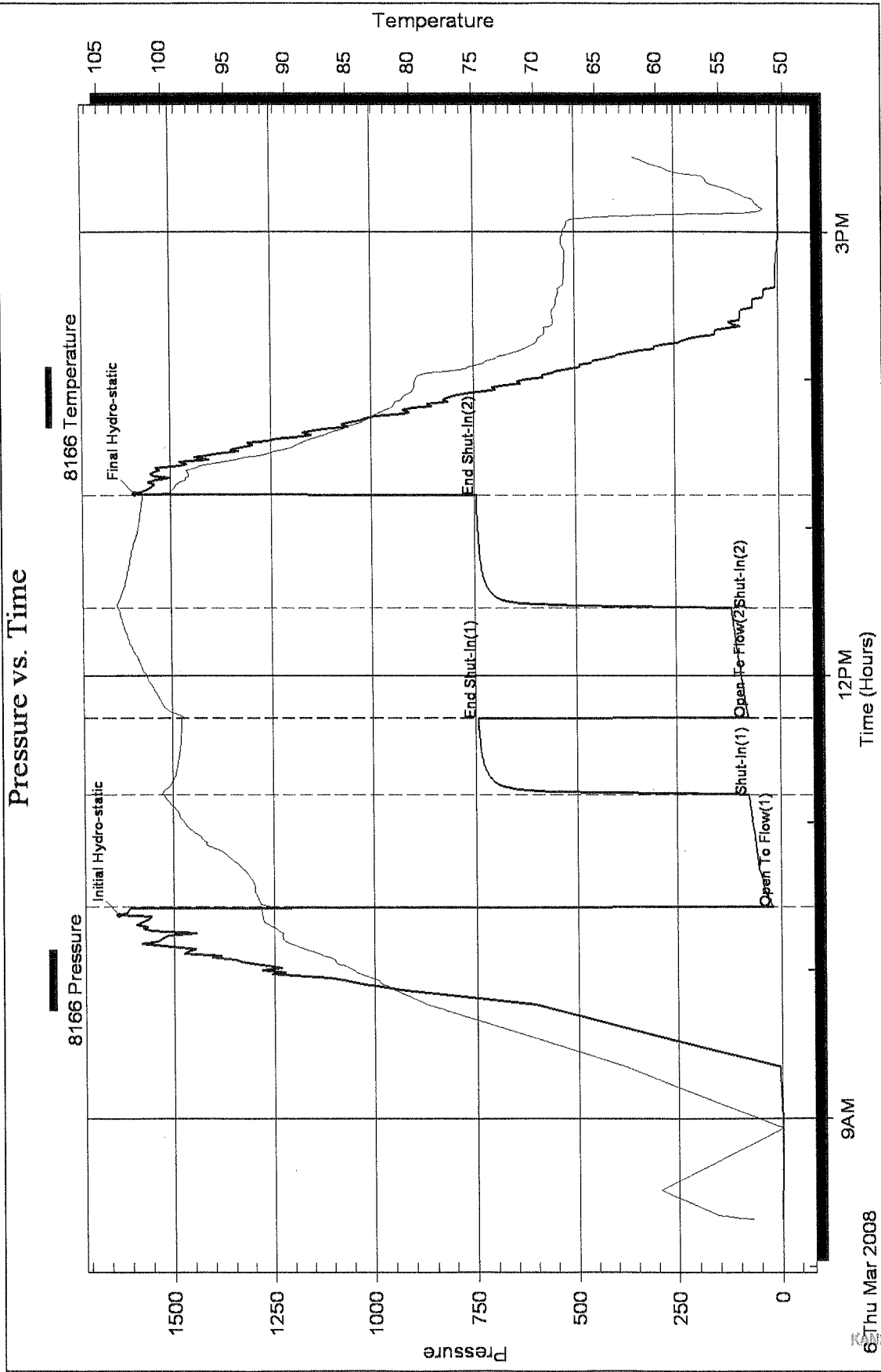
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

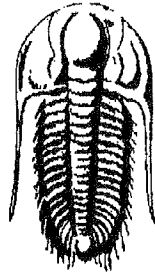
### Pressure vs. Time



RECEIVED  
KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum**

PO Box 1913  
Enid OK 73702

ATTN: Jim Musgrove

**34 20S 13W Barton KS**

**Schneider-Hiss # 1-34**

Start Date: 2008.03.07 @ 00:04:31

End Date: 2008.03.07 @ 05:16:31

Job Ticket #: 31170                      DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Printed: 2008.03.12 @ 14:14:45 Page: 1  
RECEIVED  
KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS

Blue Ridge Petroleum

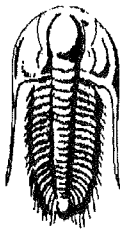
Schneider-Hiss # 1-34

34 20S 13W Barton KS

DST # 3

LKC

2008.03.07



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

ATTN: Jim Musgrove

Job Ticket: 31170

**DST#: 3**

Test Start: 2008.03.07 @ 00:04:31

## GENERAL INFORMATION:

Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:40:01

Time Test Ended: 05:16:31

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 24

**Interval: 3345.00 ft (KB) To 3356.00 ft (KB) (TVD)**

Total Depth: 3356.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1889.00 ft (KB)

1878.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8166**

**Inside**

Press@RunDepth: 80.69 psig @ 3346.00 ft (KB)

Start Date: 2008.03.07

End Date:

2008.03.07

Capacity: 7000.00 psig

Last Calib.: 2008.03.07

Start Time: 00:04:36

End Time:

05:16:30

Time On Btm: 2008.03.07 @ 01:37:01

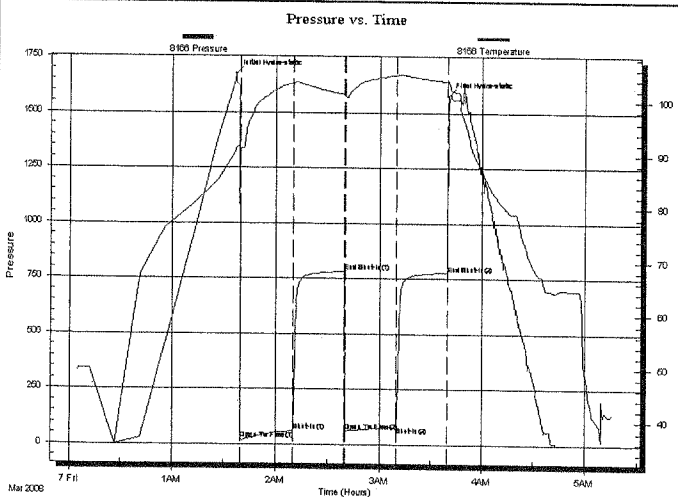
Time Off Btm: 2008.03.07 @ 03:40:11

**TEST COMMENT:** IF Weak Blow 1 1/2 "

ISI No Blow back

FF Weak Blow 1 "

FSI No Blow back



## PRESSURE SUMMARY

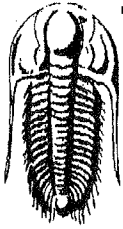
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1673.90	91.14	Initial Hydro-static
3	18.22	91.29	Open To Flow (1)
33	59.44	103.47	Shut-In (1)
63	781.89	101.38	End Shut-In (1)
63	60.72	101.11	Open To Flow (2)
93	80.69	104.93	Shut-In (2)
123	770.84	103.76	End Shut-In (2)
124	1577.11	103.89	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
125.00	MCW 25%M 75%W	0.90

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

Job Ticket: 31170

**DST#: 3**

ATTN: Jim Musgrove

Test Start: 2008.03.07 @ 00:04:31

**Tool Information**

Drill Pipe:	Length: 3255.00 ft	Diameter: 3.80 inches	Volume: 45.66 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: 94.00 ft	Diameter: 2.25 inches	Volume: 0.46 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 46.12 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3345.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	32.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

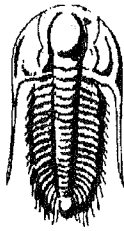
Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			3325.00	
Change Over Sub	1.00			3326.00	
Shut In Tool	5.00			3331.00	
Hydraulic tool	5.00			3336.00	
Packer	5.00			3341.00	21.00 Bottom Of Top Packer
Packer	4.00			3345.00	
Stubb	1.00			3346.00	
Recorder	0.00	8166	Inside	3346.00	
Recorder	0.00	8356	Outside	3346.00	
Perforations	7.00			3353.00	
Bullnose	3.00			3356.00	11.00 Bottom Packers & Anchor

**Total Tool Length: 32.00**

RECEIVED

APR 23 2008



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

Job Ticket: 31170                      DST#: 3

ATTN: Jim Musgrove

Test Start: 2008.03.07 @ 00:04:31

**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:	85000 ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.17 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8500.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
125.00	MCW 25%M 75%W	0.897

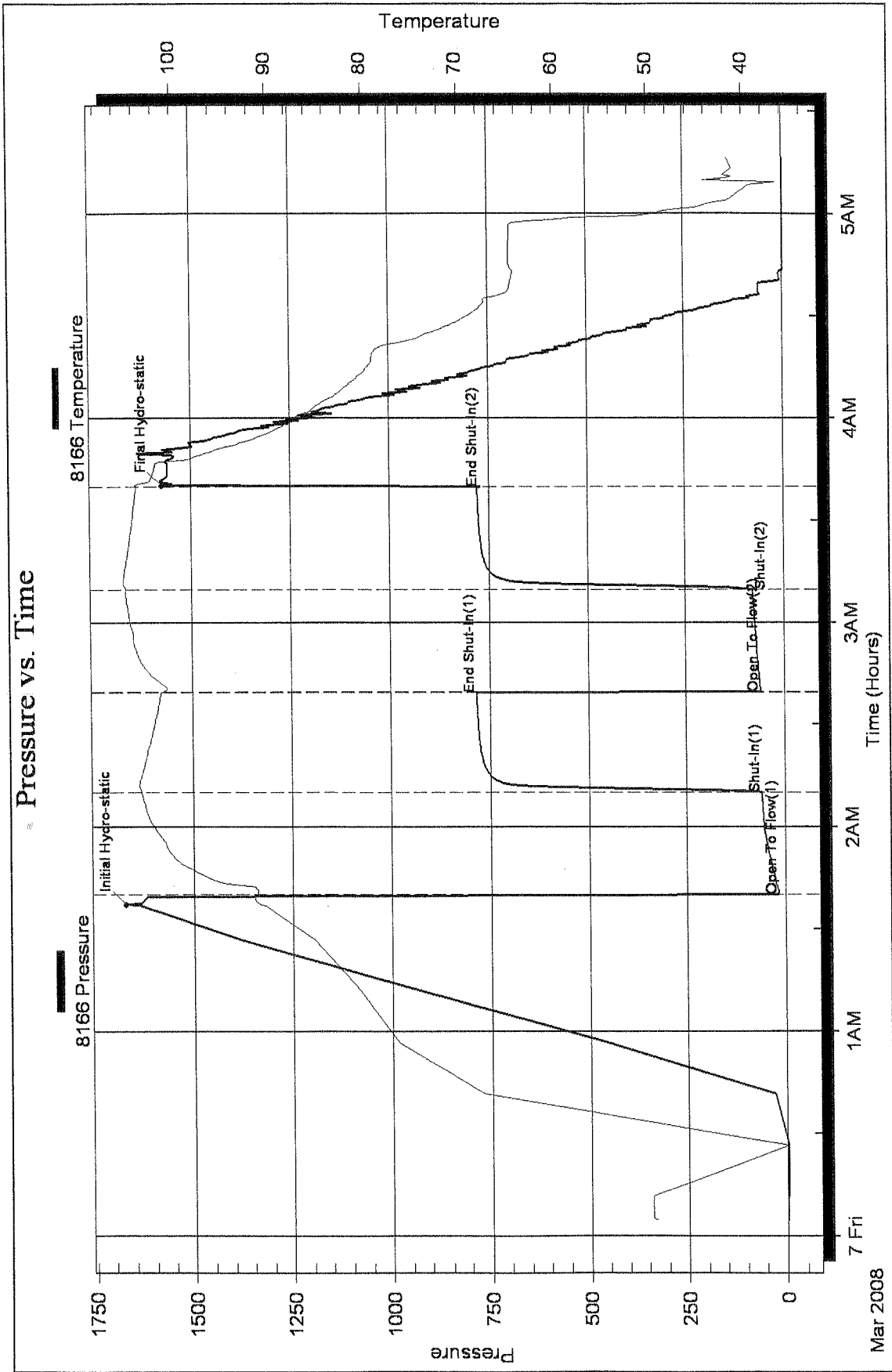
Total Length: 125.00 ft                      Total Volume: 0.897 bbl

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

Laboratory Name:                      Laboratory Location:

Recovery Comments:

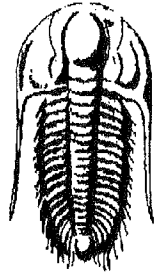
### Pressure vs. Time



RECEIVED  
KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum**

PO Box 1913  
Enid OK 73702

ATTN: Jim Musgrove

**34 20S 13W Barton KS**

**Schneider-Hiss # 1-34**

Start Date: 2008.03.07 @ 21:09:44

End Date: 2008.03.08 @ 02:49:44

Job Ticket #: 31171                      DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Printed: 2008.03.12 @ 14:15:00 Page 1

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION

Blue Ridge Petroleum

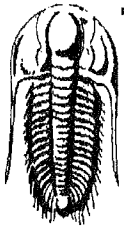
Schneider-Hiss # 1-34

34 20S 13W Barton KS

DST # 4

LKC H I J

2008.03.07



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

ATTN: Jim Musgrove

Job Ticket: 31171

**DST#: 4**

Test Start: 2008.03.07 @ 21:09:44

## GENERAL INFORMATION:

Formation: **LKC HI J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:04:14

Time Test Ended: 02:49:44

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 24

Interval: **3401.00 ft (KB) To 3482.00 ft (KB) (TVD)**

Total Depth: 3482.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1889.00 ft (KB)

1878.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8166**

**Inside**

Press@RunDepth: 41.10 psig @ 3402.00 ft (KB)

Start Date: 2008.03.07

End Date:

2008.03.08

Capacity: 7000.00 psig

Last Calib.: 2008.03.08

Start Time: 21:09:49

End Time:

02:49:43

Time On Btm: 2008.03.07 @ 23:00:14

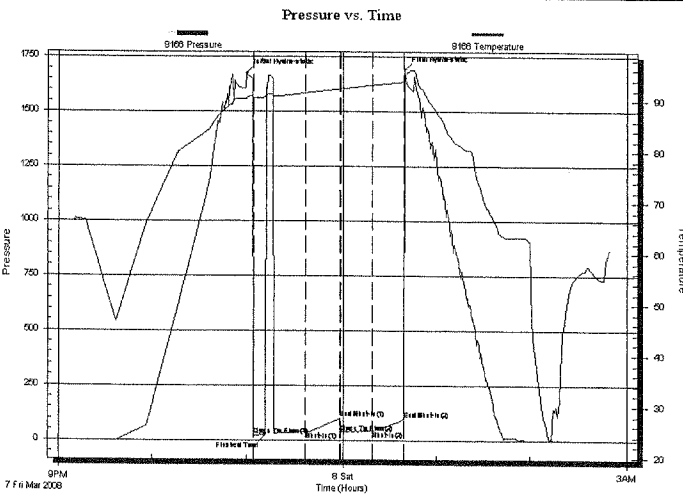
Time Off Btm: 2008.03.08 @ 00:39:54

TEST COMMENT: IF No Blow, Flushed Tool Still No Blow

ISI No Blow back

FF No Blow

FSI No Blow back



## PRESSURE SUMMARY

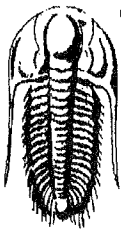
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1676.23	90.49	Initial Hydro-static
4	19.81	90.56	Open To Flow (1)
12	24.48	90.74	Flushed Tool
37	36.28	91.59	Shut-In(1)
58	98.18	92.43	End Shut-In(1)
58	34.96	92.42	Open To Flow(2)
79	41.10	93.14	Shut-In(2)
99	95.00	93.80	End Shut-In(2)
100	1690.25	94.57	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCM 4%O 96%M	0.30

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

ATTN: Jim Musgrove

Job Ticket: 31171

**DST#: 4**

Test Start: 2008.03.07 @ 21:09:44

### Tool Information

Drill Pipe:	Length: 3314.00 ft	Diameter: 3.80 inches	Volume: 46.49 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: 94.00 ft	Diameter: 2.25 inches	Volume: 0.46 bbl	Weight to Pull Loose: 80000.00 lb
			<b>Total Volume: 46.95 bbl</b>	Tool Chased ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3401.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	81.00 ft			
Tool Length:	102.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

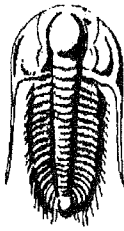
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			3381.00	
Change Over Sub	1.00			3382.00	
Shut In Tool	5.00			3387.00	
Hydraulic tool	5.00			3392.00	
Packer	5.00			3397.00	21.00 Bottom Of Top Packer
Packer	4.00			3401.00	
Stubb	1.00			3402.00	
Recorder	0.00	8166	Inside	3402.00	
Recorder	0.00	8356	Outside	3402.00	
Perforations	7.00			3409.00	
Drill Pipe	64.00			3473.00	
Perforations	6.00			3479.00	
Bullnose	3.00			3482.00	81.00 Bottom Packers & Anchor

**Total Tool Length: 102.00**

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Blue Ridge Petroleum

**Schneider-Hiss # 1-34**

PO Box 1913  
Enid OK 73702

**34 20S 13W Barton KS**

ATTN: Jim Musgrove

Job Ticket: 31171

**DST#: 4**

Test Start: 2008.03.07 @ 21:09:44

## 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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 15.18 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 12000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SOCM 4%O 96%M	0.295

Total Length: 60.00 ft      Total Volume: 0.295 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

DST Test Number: 4

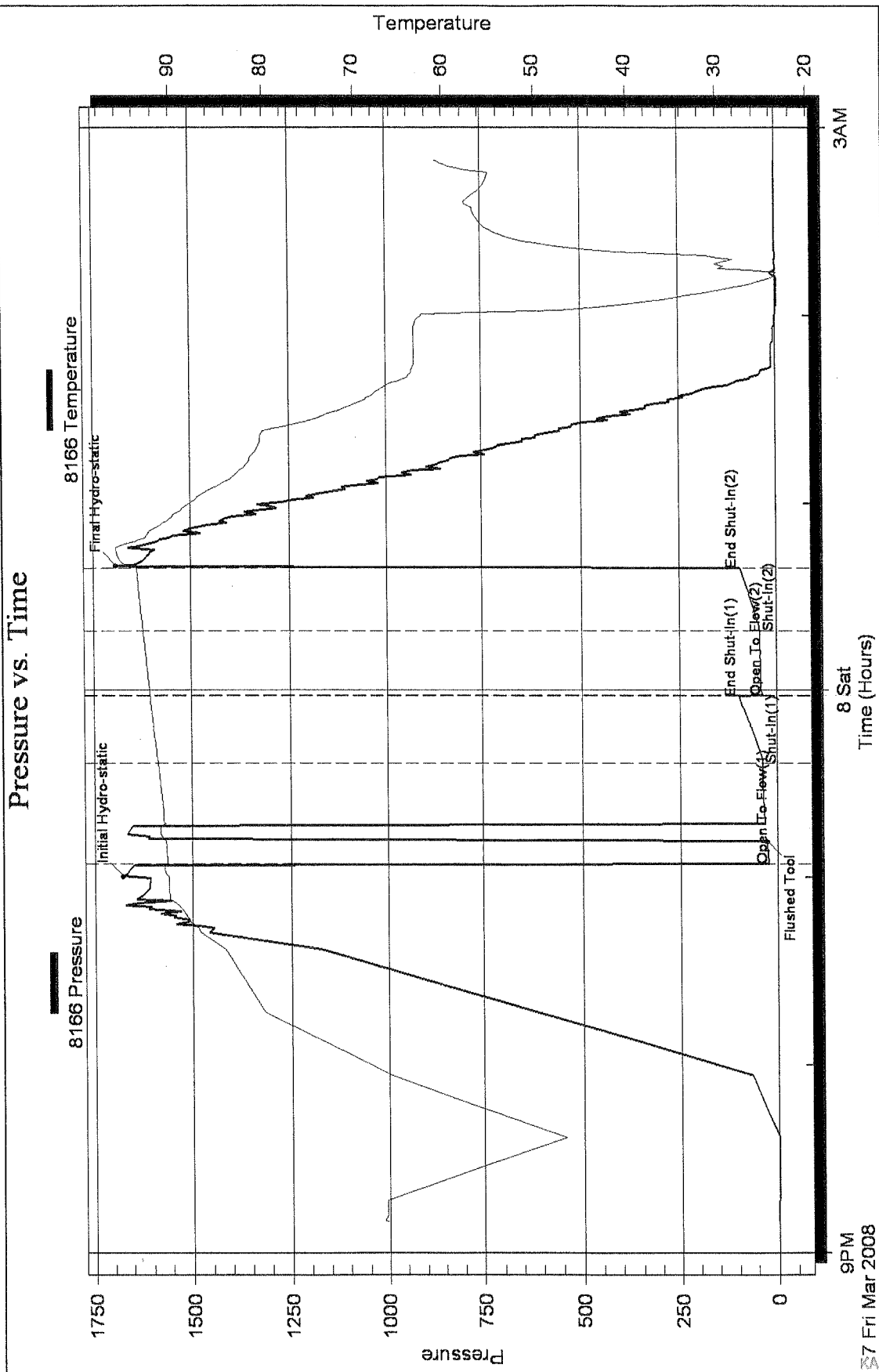
34 20S 13W Barton KS

Blue Ridge Petroleum

Inside

Serial #: 8166

### Pressure vs. Time



APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS

RECEIVED  
KANSAS CORPORATION COMMISSION