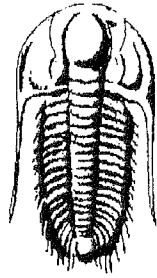


18-20s-11w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Buffalo Creek Exploration Inc**

PO Box 251
Ellinwood KS 67526

ATTN: Todd Morgenstern

18 20 11W Barton KS

Seifers #1

Start Date: 2008.01.31 @ 15:18:37

End Date: 2008.01.31 @ 22:53:07

Job Ticket #: 29842 DST #: 1

15-009-25148

NE SE NW

1650 FNL 2310 FWL

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

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JUN 16 2008

CONSERVATION DIVISION
WICHITA, KS

Buffalo Creek Exploration Inc

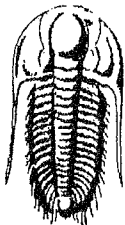
Seifers #1

18 20 11W Barton KS

DST # 1

Arbuckle

2008.01.31



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Buffalo Creek Exploration Inc

Seifers #1

PO Box 251
Ellinwood KS 67526

18 20 11W Barton KS

Job Ticket: 29842

DST#: 1

ATTN: Todd Morgenstern

Test Start: 2008.01.31 @ 15:18:37

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:58:37

Time Test Ended: 22:53:07

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **3309.00 ft (KB) To 3344.00 ft (KB) (TVD)**

Total Depth: 3344.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1783.00 ft (KB)

1775.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: **6668**

Inside

Press@RunDepth: 45.86 psig @ 3309.00 ft (KB)

Start Date: 2008.01.31

End Date:

2008.01.31

Capacity: 7000.00 psig

Last Calib.: 2008.01.31

Start Time: 15:18:42

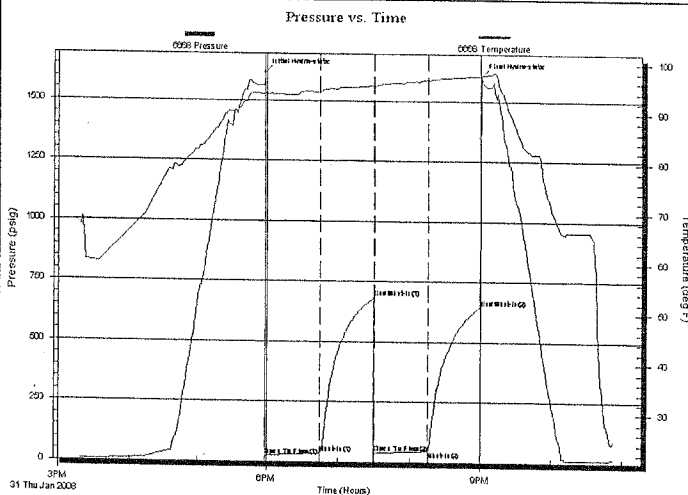
End Time:

22:53:06

Time On Btm: 2008.01.31 @ 17:58:07

Time Off Btm: 2008.01.31 @ 21:00:07

TEST COMMENT: IF Weak blow building to 1" in 45 mins.
ISI Bled off no blow back
FF Opened tool no blow
FSI Bled off no blow back



PRESSURE SUMMARY

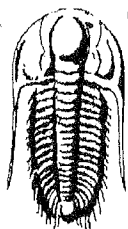
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1617.10	93.82	Initial Hydro-static
1	24.44	93.67	Open To Flow (1)
47	34.60	94.15	Shut-In (1)
92	682.97	95.46	End Shut-In (1)
93	37.33	95.27	Open To Flow (2)
138	45.86	96.66	Shut-In (2)
182	642.12	97.51	End Shut-In (2)
182	1603.07	97.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	WM 99% M 1% W	0.15

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Buffalo Creek Exploration Inc

Seifers #1

PO Box 251
Ellinwood KS 67526

18 20 11W Barton KS

Job Ticket: 29842 DST#: 1

ATTN: Todd Morgenstern

Test Start: 2008.01.31 @ 15:18:37

Tool Information

Drill Pipe:	Length: 3259.00 ft	Diameter: 3.80 inches	Volume: 45.72 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: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 45000.00 lb
			Total Volume: 46.02 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3309.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

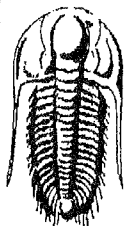
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3294.00	
Hydraulic tool	5.00			3299.00	
Packer	5.00			3304.00	20.00 Bottom Of Top Packer
Packer	5.00			3309.00	
Recorder	0.00	8359	Inside	3309.00	
Recorder	0.00	6668	Inside	3309.00	
Perforations	32.00			3341.00	
Bullnose	3.00			3344.00	35.00 Bottom Packers & Anchor

Total Tool Length: 55.00

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WICHITA, KS



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Buffalo Creek Exploration Inc

Seifers #1

PO Box 251
Ellinwood KS 67526

18 20 11W Barton KS

Job Ticket: 29842

DST#: 1

ATTN: Todd Morgenstern

Test Start: 2008.01.31 @ 15:18:37

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 6500.00 ppm

Filter Cake: 0.20 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
30.00	WM 99%M 1%W	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Not enough Water to check resistivity.

Serial #: 6668

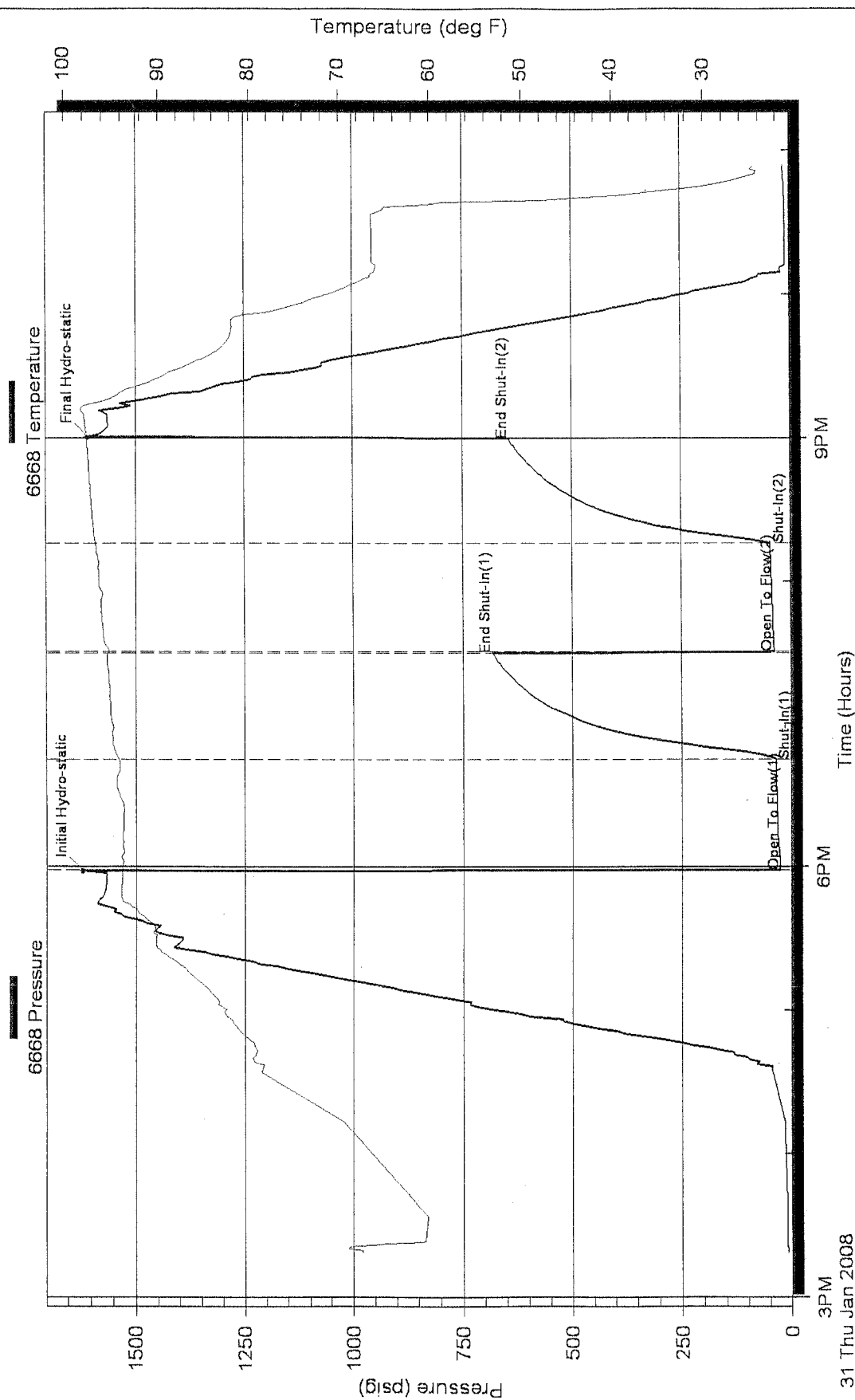
Inside

Buffalo Creek Exploration Inc

18 20 11W Barton KS

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 29842

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