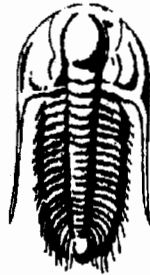


18-9s-20w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Bowman Oil Co**

805 Codell Rd
Codell KS 67663

ATTN: Mike Davignon

18 9S 20W Rooks KS

Towns Estate #6

Start Date: 2008.04.11 @ 14:36:34

End Date: 2008.04.11 @ 18:51:34

Job Ticket #: 30516 DST #: 1

SW NW SE NE
1725 FNL 1000 FEL
15-163-23705

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Bowman Oil Co

805 Codell Rd
Codell KS 67663

ATTN: Mike Davignon

Towns Estate #6

18 9S 20W Rooks KS

Job Ticket: 30516

DST#: 1

Test Start: 2008.04.11 @ 14:36:34

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:19:34

Time Test Ended: 18:51:34

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: 3750.00 ft (KB) To 3785.00 ft (KB) (TVD)

Total Depth: 3785.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2245.00 ft (KB)

2240.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8374

Inside

Press@RunDepth: 28.86 psig @ 3761.00 ft (KB)

Start Date: 2008.04.11

End Date:

2008.04.11

Start Time:

14:36:35

End Time:

18:51:34

Capacity: 7000.00 psig

Last Calib.: 2008.04.11

Time On Btm: 2008.04.11 @ 16:19:04

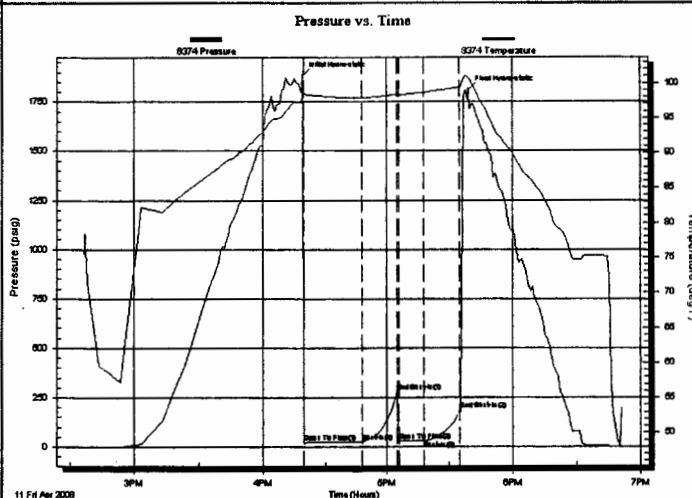
Time Off Btm: 2008.04.11 @ 17:39:34

TEST COMMENT: IFP Weak surface blow built to 3/4 "

ISI No blow back

FFP Weak surface blow died in 13 min

FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1884.26	98.40	Initial Hydro-static
1	22.79	98.29	Open To Flow (1)
29	25.69	97.88	Shut-In(1)
46	277.81	98.38	End Shut-In(1)
47	28.49	98.25	Open To Flow (2)
59	28.86	98.63	Shut-In(2)
77	185.17	99.39	End Shut-In(2)
81	1811.69	100.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM 20%O 80%M	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bowman Oil Co

805 Codell Rd
Codell KS 67663

ATTN: Mike Davignon

Towns Estate #6

18 9S 20W Rooks KS

Job Ticket: 30516

DST#: 1

Test Start: 2008.04.11 @ 14:36:34

Tool Information

Drill Pipe:	Length: 3613.00 ft	Diameter: 3.82 inches	Volume: 51.22 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	50000.00 lb
		Total Volume:	51.82 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3750.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	35.00 ft				
Tool Length:	56.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3730.00	
Shut In Tool	5.00			3735.00	
Hydraulic tool	5.00			3740.00	
Packer	5.00			3745.00	21.00 Bottom Of Top Packer
Packer	5.00			3750.00	
Stubb	1.00			3751.00	
Perforations	10.00			3761.00	
Recorder	0.00	8374	Inside	3761.00	
Recorder	0.00	8367	Inside	3761.00	
Perforations	21.00			3782.00	
Bullnose	3.00			3785.00	35.00 Bottom Packers & Anchor

Total Tool Length: 56.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Bowman Oil Co

Towns Estate #6

805 Codell Rd
Codell KS 67663

18 9S 20W Rooks KS

Job Ticket: 30516

DST#: 1

ATTN: Mike Davignon

Test Start: 2008.04.11 @ 14:36:34

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: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OCM 20%O 80%M	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

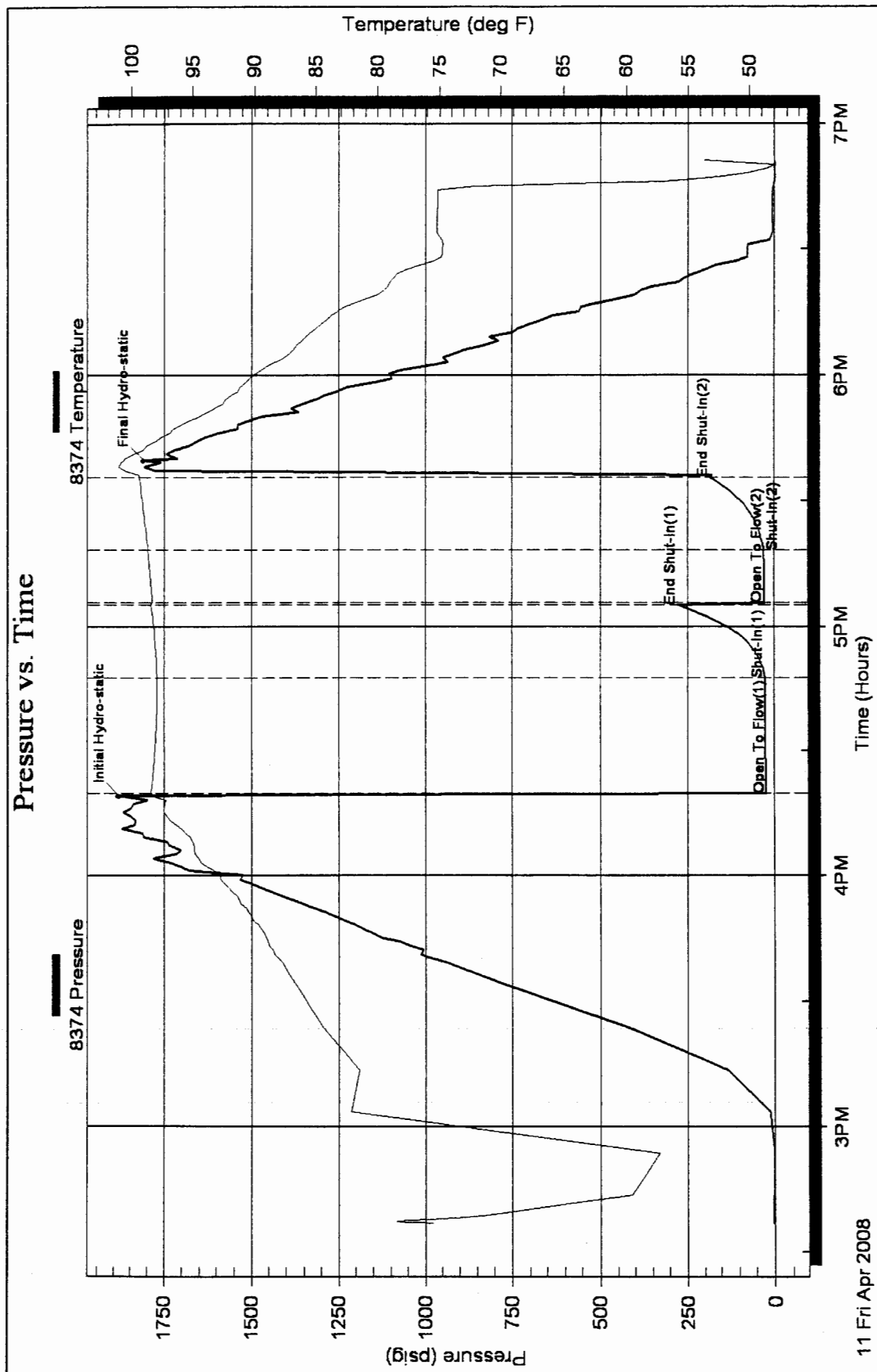
DST Test Number: 1

18 9S 20W Rooks KS

Inside Bow main Oil Co

Serial #: 8374

Pressure vs. Time



Ref. No: 30516

Trilobite Testing, Inc

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