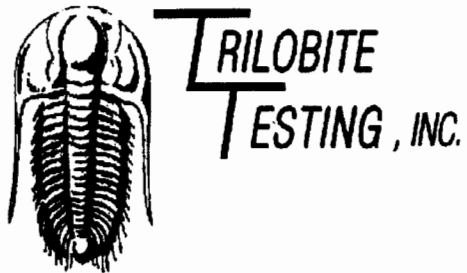


15-165-21821



DRILL STEM TEST REPORT

Prepared For: **Bear Petroleum Inc**

9909 S Meridian
Peck KS 67120

ATTN: Jim Musgrove

30 19S 20W Rush KS

Moran #3

Start Date: 2008.04.23 @ 02:53:38

End Date: 2008.04.23 @ 10:41:38

Job Ticket #: 31095 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Bear Petroleum Inc

9909 S Meridian
Peck KS 67120

ATTN: Jim Musgrove

Moran #3

30 19S 20W Rush KS

Job Ticket: 31095

DST#: 1

Test Start: 2008.04.23 @ 02:53:38

GENERAL INFORMATION:

Formation: **Mississippi-Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:16:38

Time Test Ended: 10:41:38

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **4414.00 ft (KB) To 4422.00 ft (KB) (TVD)**

Total Depth: 4422.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2296.00 ft (KB)

2289.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8360

Inside

Press@RunDepth: 23.14 psig @ 4419.00 ft (KB)

Start Date: 2008.04.23

End Date: 2008.04.23

Start Time: 02:53:40

End Time: 10:41:38

Capacity: 7000.00 psig

Last Calib.: 2008.04.23

Time On Btm: 2008.04.23 @ 05:15:38

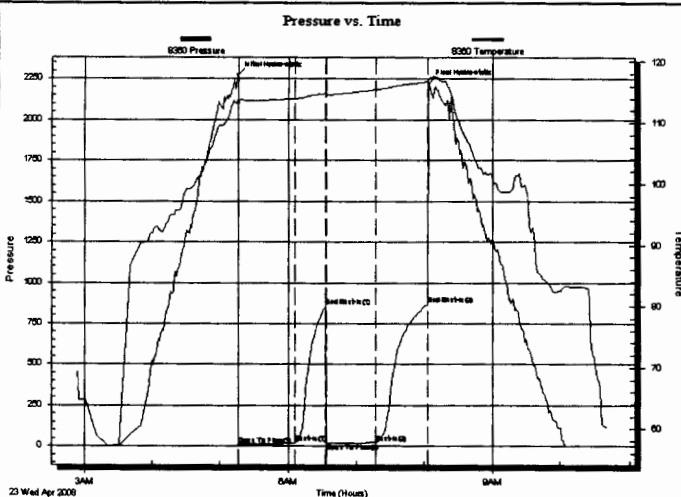
Time Off Btm: 2008.04.23 @ 08:04:08

TEST COMMENT: IFP Weak blow 1/4" died in 25 min.

ISI Dead

FFP Dead

FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2269.41	113.49	Initial Hydro-static
1	9.90	112.52	Open To Flow (1)
50	17.96	113.99	Shut-In(1)
77	853.98	114.83	End Shut-In(1)
78	19.34	114.51	Open To Flow (2)
121	23.14	115.47	Shut-In(2)
168	869.79	116.75	End Shut-In(2)
169	2221.04	117.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	MWw/Oil Scum	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bear Petroleum Inc

Moran #3

9909 S Meridian
Peck KS 67120

30 19S 20W Rush KS

Job Ticket: 31095

DST#: 1

ATTN: Jim Musgrove

Test Start: 2008.04.23 @ 02:53:38

Tool Information

Drill Pipe:	Length: 4109.00 ft	Diameter: 3.80 inches	Volume: 57.64 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 308.00 ft	Diameter: 2.25 inches	Volume: 1.51 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	59.15 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	72000.00 lb
Depth to Top Packer:	4414.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	33.00 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			4394.00	
Shut In Tool	5.00			4399.00	
Hydraulic tool	5.00			4404.00	
Packer	5.00			4409.00	21.00 Bottom Of Top Packer
Packer	5.00			4414.00	
Stubb	1.00			4415.00	
Perforations	4.00			4419.00	
Recorder	0.00	8360	Inside	4419.00	
Recorder	0.00	6719	Outside	4419.00	
Perforations	4.00			4423.00	
Bullnose	3.00			4426.00	12.00 Bottom Packers & Anchor

Total Tool Length: 33.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Bear Petroleum Inc

Moran #3

9909 S Meridian
Peck KS 67120

30 19S 20W Rush KS

Job Ticket: 31095

DST#: 1

ATTN: Jim Musgrove

Test Start: 2008.04.23 @ 02:53:38

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:

20000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	MMw/Oil Scum	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

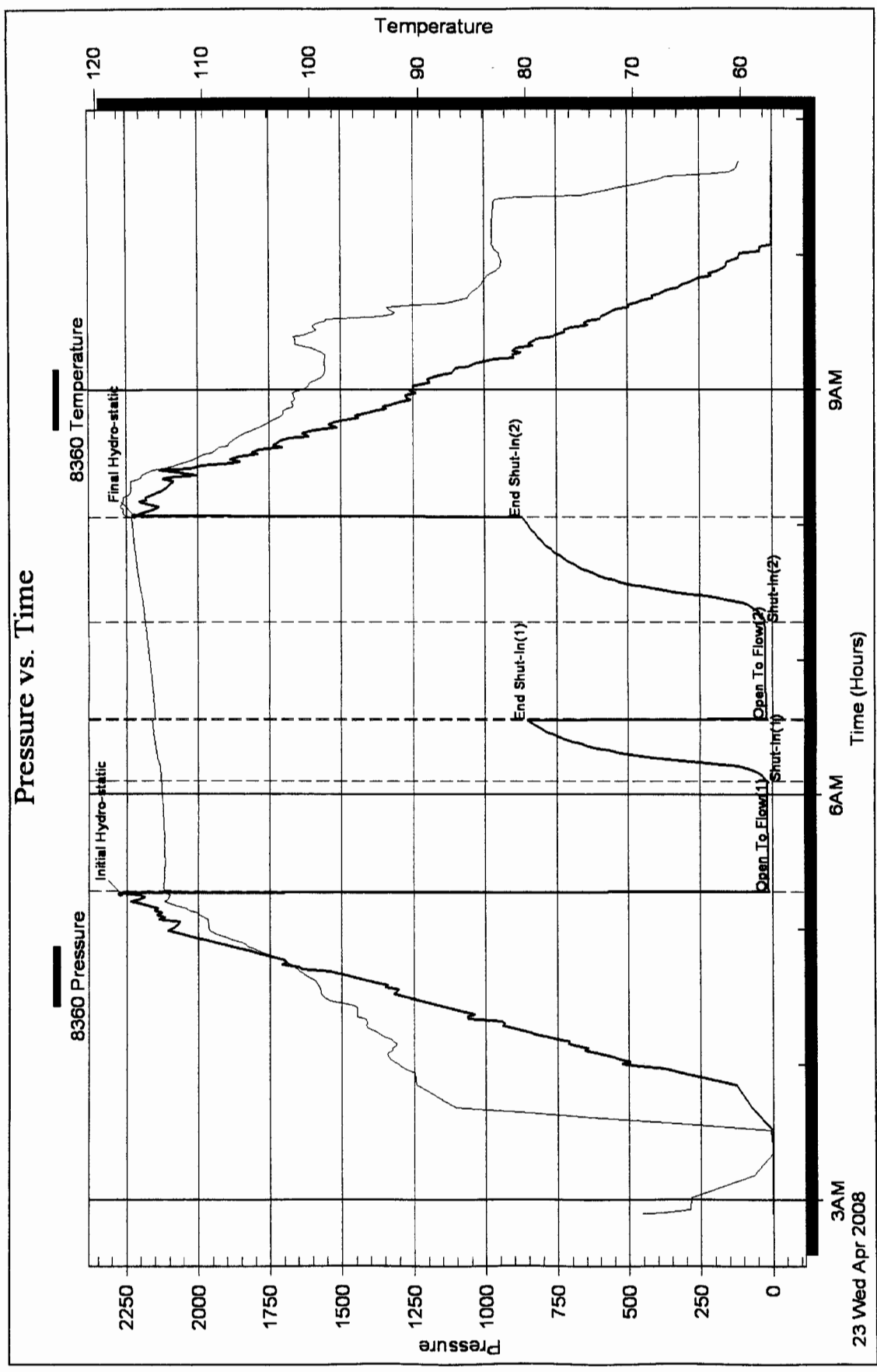
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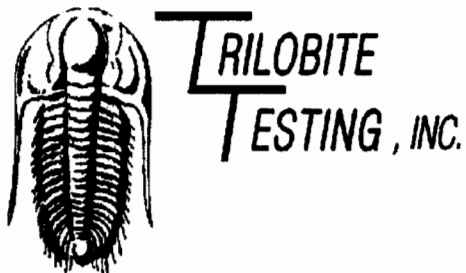
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Bear Petroleum Inc**

9909 S Meridian
Peck KS 67120

ATTN: Jim Musgrove

30 19S 20W Rush KS

Moran #3

Start Date: 2008.04.24 @ 04:13:48

End Date: 2008.04.24 @ 11:01:48

Job Ticket #: 30916 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Bear Petroleum Inc

9909 S Meridian
Peck KS 67120

ATTN: Jim Musgrove

Moran #3

30 19S 20W Rush KS

Job Ticket: 30916

DST#: 2

Test Start: 2008.04.24 @ 04:13:48

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 06:26:18

Time Test Ended: 11:01:48

Test Type: **Conventional Straddle**

Tester: **Dan Bangle**

Unit No: **38**

Interval: **4398.00 ft (KB) To 4433.00 ft (KB) (TVD)**

Total Depth: **4475.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2296.00 ft (KB)**

2289.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 8372 **Inside**

Press@RunDepth: **41.10 psig @ 4399.00 ft (KB)**

Start Date: **2008.04.24** End Date: **2008.04.24**

Start Time: **04:13:49** End Time: **11:01:48**

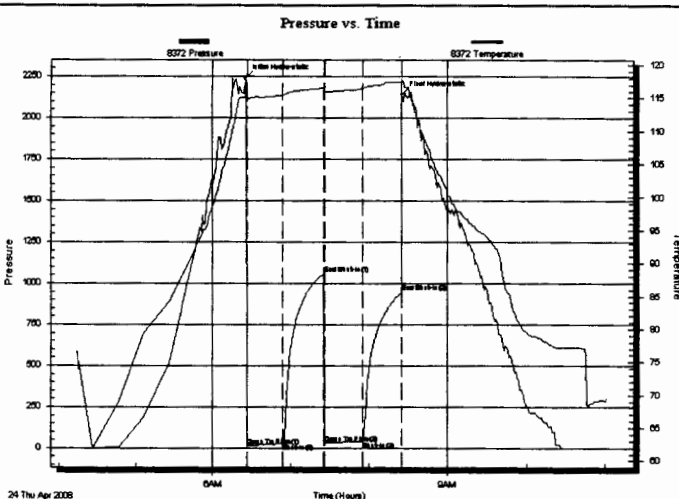
Capacity: **7000.00 psig**

Last Calib.: **2008.04.24**

Time On Btm: **2008.04.24 @ 06:24:48**

Time Off Btm: **2008.04.24 @ 08:24:48**

TEST COMMENT: IF Weak steady surface blow
FF Weak steady surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2236.79	115.12	Initial Hydro-static
2	13.53	114.41	Open To Flow (1)
29	27.72	115.45	Shut-In(1)
61	1056.68	116.47	End Shut-In(1)
61	30.77	116.00	Open To Flow (2)
90	41.10	116.46	Shut-In(2)
120	945.03	117.42	End Shut-In(2)
120	2140.67	117.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mw /few Oil spots	0.10

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bear Petroleum Inc

Moran #3

9909 S Meridian
Peck KS 67120

30 19S 20W Rush KS

Job Ticket: 30916

DST#: 2

ATTN: Jim Musgrove

Test Start: 2008.04.24 @ 04:13:48

Tool Information

Drill Pipe:	Length: 3954.00 ft	Diameter: 3.80 inches	Volume: 55.46 bbl	Tool Weight:	2000.00 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: 431.00 ft	Diameter: 2.25 inches	Volume: 2.12 bbl	Weight to Pull Loose:	90000.00 lb
		Total Volume:	57.58 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	4398.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	4433.00 ft				
Interval between Packers:	35.00 ft				
Tool Length:	98.00 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			4378.00	
Shut In Tool	5.00			4383.00	
Hydraulic tool	5.00			4388.00	
Packer	5.00			4393.00	21.00 Bottom Of Top Packer
Packer	5.00			4398.00	
Stubb	1.00			4399.00	
Recorder	0.00	8372	Inside	4399.00	
Perforations	30.00			4429.00	
Recorder	0.00	13254		4429.00	
Blank Off Sub	1.00			4430.00	
Blank Spacing	3.00			4433.00	35.00 Tool Interval
Packer	2.00			4435.00	
Stubb	1.00			4436.00	
Perforations	1.00			4437.00	
Change Over Sub	1.00			4438.00	
Recorder	0.00	8368	Outside	4438.00	
Drill Pipe	31.00			4469.00	
Perforations	3.00			4472.00	
Bullnose	3.00			4475.00	42.00 Bottom Packers & Anchor

Total Tool Length: 98.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Bear Petroleum Inc

Moran #3

9909 S Meridian
Peck KS 67120

30 19S 20W Rush KS

Job Ticket: 30916

DST#: 2

ATTN: Jim Musgrove

Test Start: 2008.04.24 @ 04:13:48

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mw/few Oil spots	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

