

DRILL STEM TEST REPORT

Prepared For: **Bear Petroleum, Inc.**

PO 438
Haysville Ks. 67060

ATTN: Terry Mcleod

23-27S-6W

Endicott#1

Start Date: 2003.03.11 @ 11:04:07

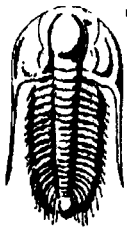
End Date: 2003.03.11 @ 21:21:07

Job Ticket #: 16877 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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TESTING, INC.

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DST#: 1

Test Start: 2003.03.11 @ 11:04:07

GENERAL INFORMATION:

Formation: **Misner sd.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:24:07

Time Test Ended: 21:21:07

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: 4010.00 ft (KB) To 4100.00 ft (KB) (TVD)

Total Depth: 4100.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1457.00 ft (KB)

1452.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 2346

Outside

Press@RunDepth: 385.82 psig @ 4036.00 ft (KB)

Start Date: 2003.03.11

End Date:

2003.03.11

Capacity: 7000.00 psig

Last Calib.: 2003.03.12

Start Time: 11:05:09

End Time:

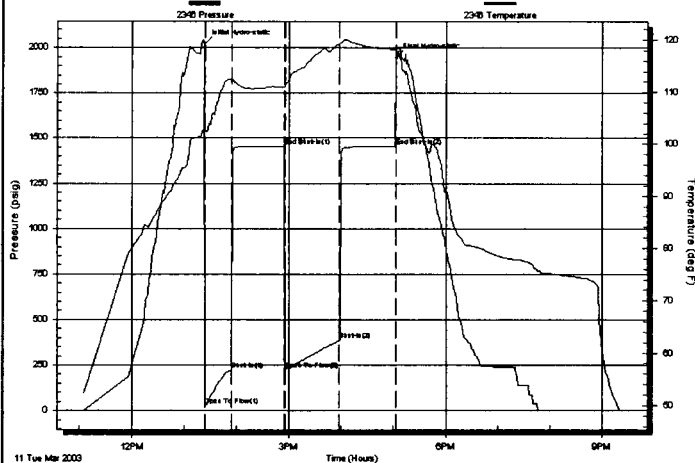
21:21:07

Time On Btm: 2003.03.11 @ 13:23:37

Time Off Btm: 2003.03.11 @ 17:02:52

TEST COMMENT:

Pressure vs. Time



PRESSURE SUMMARY

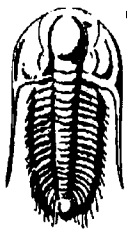
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2023.07	102.60	Initial Hydro-static
1	24.35	102.45	Open To Flow (1)
31	222.40	112.46	Shut-In (1)
92	1455.96	110.96	End Shut-In (1)
92	225.91	111.07	Open To Flow (2)
155	385.82	119.15	Shut-In (2)
219	1455.64	118.12	End Shut-In (2)
220	1947.21	118.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1210.00	153 - Salt Water	13.18
90.00	353 - Mud cut Salt Water	1.26

Gas Rates

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

Bear Petroleum, Inc.

Endicott#1

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23-27S-6W

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Test Start: 2003.03.11 @ 11:04:07

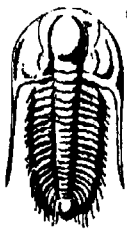
Tool Information

Drill Pipe:	Length: 3569.21 ft	Diameter: 3.80 inches	Volume: 50.07 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: 416.79 ft	Diameter: 2.25 inches	Volume: 2.05 bbl	Weight to Pull Loose: lb
		Total Volume: 52.12 bbl		Tool Chased ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial lb
Depth to Top Packer:	4010.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	119.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			3982.00	
S.I. Tool	5.00			3987.00	
HMV	5.00			3992.00	
Jars	5.00			3997.00	
Safety Joint	3.00			4000.00	
Packer	5.00			4005.00	29.00 Bottom Of Top Packer
Packer	5.00			4010.00	
Stubb	1.00			4011.00	
Recorder	0.00	2346	Inside	4011.00	
Anchor	25.00			4036.00	
Recorder	0.00	2346	Outside	4036.00	
Blank Spacing	61.00			4097.00	
Bullnose	3.00			4100.00	90.00 Bottom Packers & Anchor

Total Tool Length: 119.00



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FLUID SUMMARY

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Job Ticket: 16877

DST#: 1

ATTN: Terry Mcleod

Test Start: 2003.03.11 @ 11:04:07

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1210.00	153 - Salt Water	13.176
90.00	353 - Mud cut Salt Water	1.262

Total Length: 1300.00 ft

Total Volume: 14.438 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 2346

Outside Bear Petroleum, Inc.

23-27S-6W

DST Test Number: 1

