

15-163-23564

18-7s-20w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

PO Box 723
Alma NE 68920

ATTN: Randy Kilian

18 7S 20W Rooks KS

Ida Mae #3

Start Date: 2006.11.08 @ 00:48:26

End Date: 2006.11.08 @ 09:16:05

Job Ticket #: 26042 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**

DRILL STEM TEST REPORT

Bach Oil Production

Ida Mae #3

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18 7S 20W Rooks KS

Job Ticket: 26042

DST#: 1

ATTN: Randy Kilian

Test Start: 2006.11.08 @ 00:48:26

GENERAL INFORMATION:

Formation: **Tor. LKC "C"**

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

Time Tool Opened: 03:05:06

Time Test Ended: 09:16:05

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **22**

Interval: **3290.00 ft (KB) To 3380.00 ft (KB) (TVD)**

Total Depth: **3380.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2126.00 ft (KB)**

2122.00 ft (CF)

KB to GR/CF: **4.00 ft**

Serial #: 6799

Inside

Press@RunDepth: **44.91 psig @ 3291.00 ft (KB)**

Start Date: **2006.11.08**

End Date:

2006.11.08

Capacity: **7000.00 psig**

Last Calib.: **2006.11.08**

Start Time: **00:48:28**

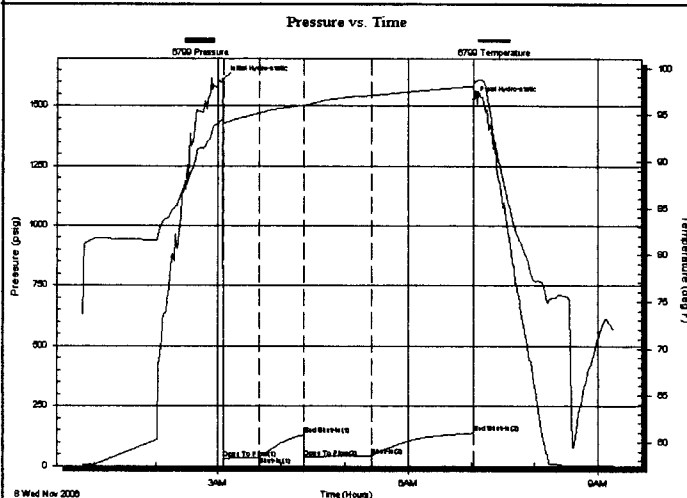
End Time:

09:16:06

Time On Btrr: **2006.11.08 @ 03:04:56**

Time Off Btrr: **2006.11.08 @ 07:02:06**

TEST COMMENT: IF Weak blow built to 2 " in bucket
IS Bled off no blow back
FF Fairly weak blow built to 6 " in bucket
FSI Bled off no blow back



PRESSURE SUMMARY

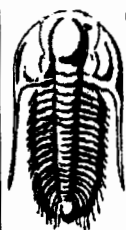
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1606.66	94.48	Initial Hydro-static
1	30.13	94.02	Open To Flow (1)
34	37.21	95.13	Shut-In(1)
77	129.88	95.98	End Shut-In(1)
77	33.80	95.97	Open To Flow (2)
140	44.91	97.07	Shut-In(2)
237	137.54	98.06	End Shut-In(2)
238	1526.48	99.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	OCM 15%O 85%M	0.63
0.00	No GIP	0.00

Gas Rates

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

Bach Oil Production

Ida Mae #3

PO Box 723
Alma NE 68920

18 7S 20W Rooks KS

Job Ticket: 26042

DST#: 1

ATTN: Randy Kilian

Test Start: 2006.11.08 @ 00:48:26

Tool Information

Drill Pipe:	Length: 3276.00 ft	Diameter: 3.80 inches	Volume: 45.95 bbl	Tool Weight:	2500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	lb
		Total Volume:	45.95 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	34000.00 lb
Depth to Top Packer:	3290.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	90.00 ft				
Tool Length:	110.00 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			3275.00	
Hydraulic tool	5.00			3280.00	
Packer	5.00			3285.00	20.00 Bottom Of Top Packer
Packer	5.00			3290.00	
Stubb	1.00			3291.00	
Recorder	0.00	6799	Inside	3291.00	
Perforations	23.00			3314.00	
Blank Spacing	63.00			3377.00	
Recorder	0.00	3354	Outside	3377.00	
Bullnose	3.00			3380.00	90.00 Bottom Packers & Anchor
Total Tool Length:	110.00				



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FLUID SUMMARY

Bach Oil Production

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Job Ticket: 26042

DST#: 1

ATTN: Randy Kilian

Test Start: 2006.11.08 @ 00:48:26

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 0.04 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	OCM 15%O 85%M	0.631
0.00	No GIP	0.000

Total Length: 45.00 ft

Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

18 7S 20W Rocks KS

Bach Oil Production

Inside

Serial #: 6799

Pressure vs. Time

