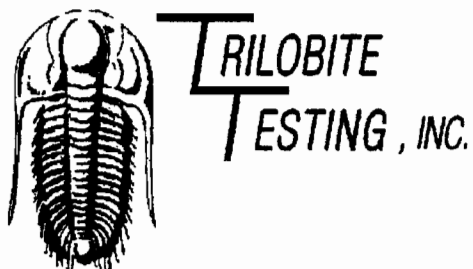


16-7-20 W

15-163-23694



DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

PO Box 723
Alma NE 68920

ATTN:

16 7 20 Rooks KS

Eugene Unit # 1

Start Date: 2008.03.06 @ 01:11:06

End Date: 2008.03.06 @ 09:33:36

Job Ticket #: 30316 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

Bach Oil Production

Eugene Unit # 1

PO Box 723
Alma NE 68920

16 7 20 Rooks KS

Job Ticket: 30316

DST#: 1

ATTN:

Test Start: 2008.03.06 @ 01:11:06

GENERAL INFORMATION:

Formation: **Toronto/C**

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole

Time Tool Opened: 03:36:06

Tester: Dan Bangle

Time Test Ended: 09:33:36

Unit No: 38

Interval: **3290.00 ft (KB) To 3375.00 ft (KB) (TVD)**

Reference Elevations: 2104.00 ft (KB)

Total Depth: 3375.00 ft (KB) (TVD)

2099.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8368

Outside

Press@RunDepth: 149.91 psig @ 3293.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.03.06

End Date:

2008.03.06

Last Calib.: 2008.03.06

Start Time: 01:11:07

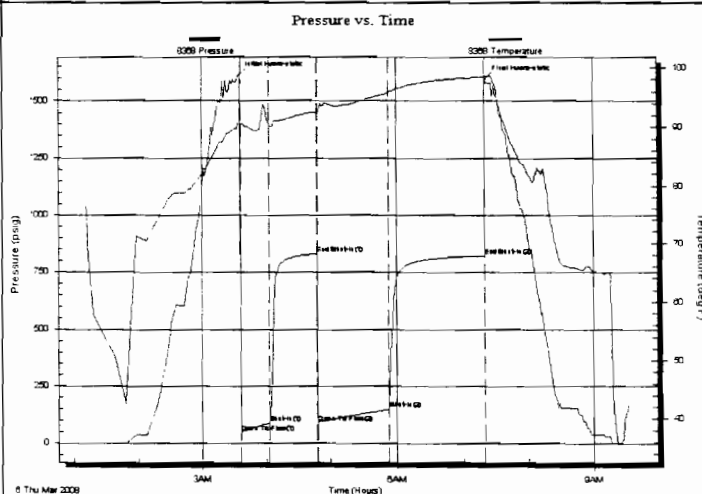
End Time:

09:33:36

Time On Btm: 2008.03.06 @ 03:35:36

Time Off Btm: 2008.03.06 @ 07:21:06

TEST COMMENT: IF Strong BB in 27 min
FF Weak building to 5 "



PRESSURE SUMMARY

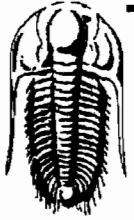
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1611.75	90.84	Initial Hydro-static
1	48.39	90.31	Open To Flow (1)
28	87.60	90.49	Shut-In(1)
72	829.79	92.64	End Shut-In(1)
73	89.35	92.49	Open To Flow (2)
137	149.91	95.80	Shut-In(2)
224	822.62	98.44	End Shut-In(2)
226	1592.57	98.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	OCCsyM 5%G 30%O 65%M	1.75
62.00	MCCsyO 5%O 75%O 20%M	0.87
62.00	CGsyO 5%G 95%O	0.87
0.00	248 GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bach Oil Production

Eugene Unit # 1

PO Box 723
Alma NE 68920

16 7 20 Rooks KS

Job Ticket: 30316

DST#: 1

ATTN:

Test Start: 2008.03.06 @ 01:11:06

Tool Information

Drill Pipe:	Length: 3279.00 ft	Diameter: 3.80 inches	Volume: 46.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			Total Volume: 46.00 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3290.00 ft			Final 31000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	106.00 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			3270.00	
Shut In Tool	5.00			3275.00	
Hydraulic tool	5.00			3280.00	
Packer	5.00			3285.00	21.00 Bottom Of Top Packer
Packer	5.00			3290.00	
Stubb	1.00			3291.00	
Perforations	1.00			3292.00	
Change Over Sub	1.00			3293.00	
Recorder	0.00	8372	Inside	3293.00	
Recorder	0.00	8368	Outside	3293.00	
Drill Pipe	60.00			3353.00	
Change Over Sub	1.00			3354.00	
Perforations	18.00			3372.00	
Bullnose	3.00			3375.00	85.00 Bottom Packers & Anchor

Total Tool Length: 106.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Production

Eugene Unit # 1

PO Box 723
Alma NE 68920

16 7 20 Rooks KS

Job Ticket: 30316

DST#: 1

ATTN:

Test Start: 2008.03.06 @ 01:11:06

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	OCGsyM 5%G 30%O 65%M	1.753
62.00	MCGsyO 5%O 75%O 20%M	0.870
62.00	CGsyO 5%G 95%O	0.870
0.00	248 GIP	0.000

Total Length: 249.00 ft

Total Volume: 3.493 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

