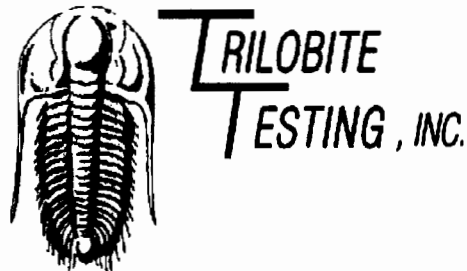


15-163-23757

16-7s-20w

KS



DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P.O. Box 723
Alma, NE 88920-0723

ATTN: Randy Kilian

~~16-7-20~~ Rooks KS 16-07s-20w

Ross Unit #2

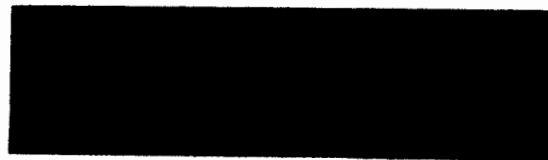
Start Date: 2008.09.10 @ 10:24:30

End Date: 2008.09.10 @ 16:18:30

Job Ticket #: 32241

DST #: 1

E2E2NE NE
L610FNL 260FEL



Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Bach Oil Production

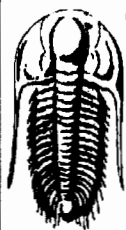
Ross Unit #2

16 7 20 Rooks KS

DST # 1

Toronto - LKC "C"

2008.09.10



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Bach Oil Production
P.O. Box 723
Alma, NE 68920-0723
ATTN: Randy Kilian

Ross Unit #2
16 7 20 Rooks KS
Job Ticket: 32241 **DST#: 1**
Test Start: 2008.09.10 @ 10:24:30

GENERAL INFORMATION:

Formation: **Toronto - LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:16:00

Time Test Ended: 16:18:30

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 36

Interval: **3263.00 ft (KB) To 3358.00 ft (KB) (TVD)**

Total Depth: 3358.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2086.00 ft (KB)

2081.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8366

Inside

Press@RunDepth: 27.43 psig @ 3264.00 ft (KB)

Start Date: 2008.09.10

End Date: 2008.09.10

Capacity: 7000.00 psig

Last Calib.: 2008.09.10

Start Time: 10:24:35

End Time: 16:18:29

Time On Btm: 2008.09.10 @ 12:15:30

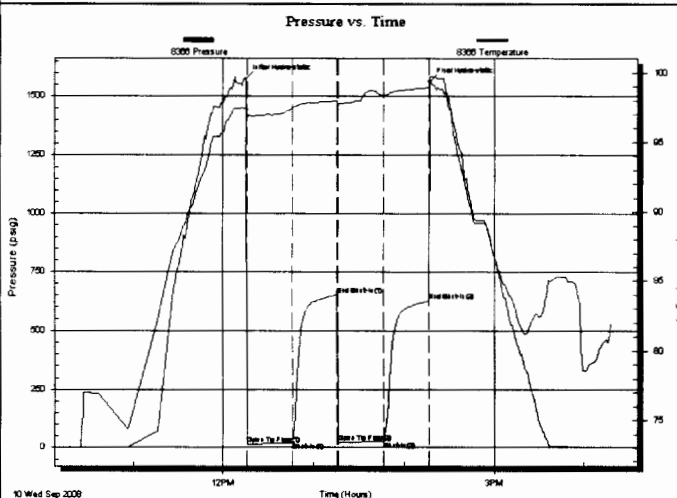
Time Off Btm: 2008.09.10 @ 14:16:30

TEST COMMENT: IF Very weak blow, built to 1 1/2" (tool set about 3' high)

ISI Bled off, No blow back

FF At 3 min blow started and built to 3/4"

FSI Bled off, No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1574.71	97.40	Initial Hydro-static
1	12.80	96.63	Open To Flow (1)
31	20.58	97.40	Shut-In(1)
60	652.91	97.95	End Shut-In(1)
61	21.21	97.66	Open To Flow (2)
91	27.43	98.38	Shut-In(2)
121	625.61	98.93	End Shut-In(2)
121	1563.91	99.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100%	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bach Oil Production

Ross Unit #2

P.O. Box 723
Alma, NE 68920-0723

16 7 20 Rooks KS

Job Ticket: 32241

DST#: 1

ATTN: Randy Kilian

Test Start: 2008.09.10 @ 10:24:30

Tool Information

Drill Pipe:	Length: 3249.00 ft	Diameter: 3.80 inches	Volume: 45.57 bbl	Tool Weight:	1700.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	32000.00 lb
		Total Volume:	45.57 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	24000.00 lb
Depth to Top Packer:	3263.00 ft			Final	24000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	95.00 ft				
Tool Length:	115.00 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			3248.00	
Hydraulic tool	5.00			3253.00	
Packer	5.00			3258.00	20.00 Bottom Of Top Packer
Packer	5.00			3263.00	
Stubb	1.00			3264.00	
Recorder	0.00	8366	Inside	3264.00	
Recorder	0.00	8320	Inside	3264.00	
Perforations	24.00			3288.00	
Blank Spacing	65.00			3353.00	
Perforations	2.00			3355.00	
Bullnose	3.00			3358.00	95.00 Bottom Packers & Anchor

Total Tool Length: 115.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Production

Ross Unit #2

P.O. Box 723
Alma, NE 68920-0723

16 7 20 Rooks KS

Job Ticket: 32241

DST#: 1

ATTN: Randy Kilian

Test Start: 2008.09.10 @ 10:24:30

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 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
30.00	Mud 100%	0.421

Total Length: 30.00 ft

Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

