

DRILL STEM TEST REPORT

Prepared For: **Banks Oil Company**

7701 E Kellogg Ste 885 Wichita KS 67207

ATTN: Scott Banks

34-33-28

Freisen 1-34

Start Date: 2003.05.01 @ 14:44:27

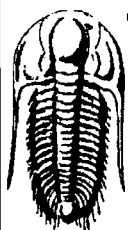
End Date: 2003.05.01 @ 20:58:12

Job Ticket #: 16058 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: 2003.05.01 @ 14:44:27

GENERAL INFORMATION:

Formation: **Council Grove**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:16:27

Time Test Ended: 20:58:12

Test Type: Conventional Bottom Hole

Tester: Blake Wallace

Unit No: 20

Interval: **3086.00 ft (KB) To 3112.00 ft (KB) (TVD)**

Total Depth: 3112.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2465.00 ft (KB)

2460.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3030

Inside

Press@RunDepth: 18.93 psig @ 3089.00 ft (KB)

Start Date: 2003.05.01

End Date:

2003.05.01

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 14:44:31

End Time:

20:58:11

Time On Btm: 2003.05.01 @ 17:15:42

Time Off Btm: 2003.05.01 @ 19:16:42

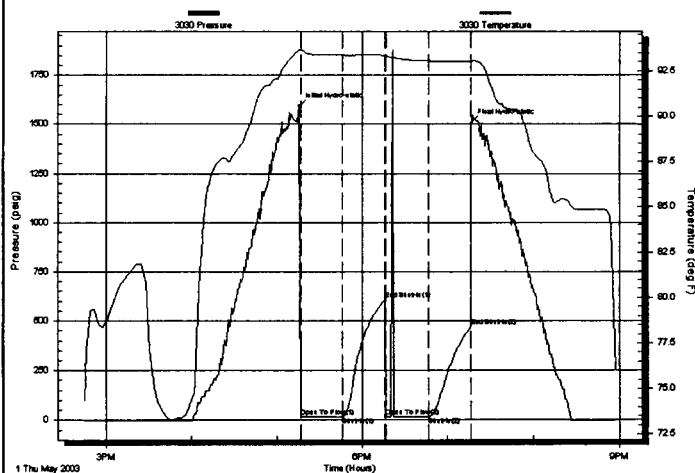
TEST COMMENT: IF-weak surface blow died off after 18 min

IS-no blow back

FF-no blow (flushed tool 5 min into)

FSI-no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1591.98	93.65	Initial Hydro-static
1	14.52	93.66	Open To Flow (1)
30	16.56	93.38	Shut-In(1)
61	605.72	93.35	End Shut-In(1)
61	16.86	93.35	Open To Flow (2)
91	18.93	93.05	Shut-In(2)
121	470.06	93.01	End Shut-In(2)
121	1506.65	93.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100% mud	0.10

Gas Rates

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

Banks Oil Company

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34-33-28

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Test Start: 2003.05.01 @ 14:44:27

Tool Information

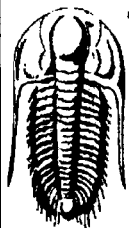
Drill Pipe:	Length: 2696.00 ft	Diameter: 3.80 inches	Volume: 37.82 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 386.00 ft	Diameter: 2.25 inches	Volume: 1.90 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	39.72 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3086.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	48.00 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			3065.00	
S.I. Tool	5.00			3070.00	
HMV	5.00			3075.00	
Safety Joint	2.00			3077.00	
Packer	5.00			3082.00	22.00 Bottom Of Top Packer
Packer	4.00			3086.00	
Stubb	1.00			3087.00	
Perforations	2.00			3089.00	
Recorder	0.00	3030	Inside	3089.00	
Perforations	20.00			3109.00	
Recorder	0.00	11019	Outside	3109.00	
Bullnose	3.00			3112.00	26.00 Bottom Packers & Anchor

Total Tool Length: 48.00



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FLUID SUMMARY

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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: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	100% mud	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:

