

KGS LIBRARY

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Rupe Oil**

111 S. Whittier, Ste. 1000
Wichita KS 67278

ATTN: Terry Mcleod

15-047-21586

~~15-163-23670-0000~~

14 26s18w Edwards Ks

Meade#1-14

Start Date: 2009.05.07 @ 20:23:42

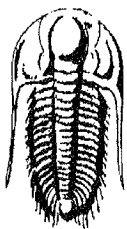
End Date: 2009.05.08 @ 04:53:57

Job Ticket #: 35062 DST #: 1

Trilobite Testing, Inc

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ATTN: Terry Mcleod

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Job Ticket: 35062

DST#: 1

Test Start: 2009.05.07 @ 20:23:42

GENERAL INFORMATION:

Formation: **Kinderhook**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:23:27

Time Test Ended: 04:53:57

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **4502.00 ft (KB) To 4572.00 ft (KB) (TVD)**

Total Depth: 4572.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2173.00 ft (KB)

2163.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8167

Inside

Press@RunDepth: 20.80 psig @ 4503.00 ft (KB)

Start Date: 2009.05.07

End Date:

2009.05.08

Start Time: 20:23:47

End Time:

04:53:56

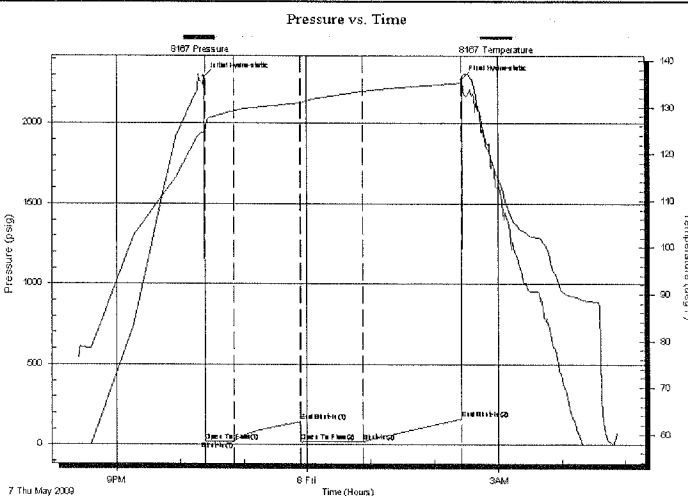
Capacity: 7000.00 psig

Last Calib.: 2009.05.08

Time On Btm: 2009.05.07 @ 22:22:12

Time Off Btm: 2009.05.08 @ 02:26:11

TEST COMMENT: IF: Strong blow . B.O.B. in 2 mins.
IS: No blow .
FF: Strong blow . B.O.B. in 22 mins.
FSI: No blow .



PRESSURE SUMMARY

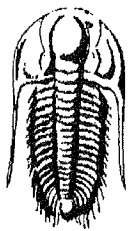
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2290.25	124.69	Initial Hydro-static
2	21.31	124.41	Open To Flow (1)
28	19.61	129.25	Shut-In (1)
92	144.65	130.94	End Shut-In (1)
92	18.43	130.92	Open To Flow (2)
151	20.80	133.43	Shut-In (2)
244	162.32	135.24	End Shut-In (2)
244	2275.46	136.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drilg.mud	0.42
0.00	430 ft.of GIP	0.00

Gas Rates

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

Rupe Oil

Meade#1-14

111 S. Whittier, Ste. 1000
Wichita KS 67278

14 26s18w Edwards Ks

Job Ticket: 35062

DST#: 1

ATTN: Terry Mcleod

Test Start: 2009.05.07 @ 20:23:42

Tool Information

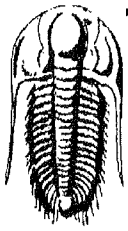
Drill Pipe:	Length: 4505.00 ft	Diameter: 3.80 inches	Volume: 63.19 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 2400.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 63000.00 lb
			Total Volume: 63.19 bbl	Tool Chased 3.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	4502.00 ft			Final 43500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4480.00	
Shut In Tool	5.00			4485.00	
Hydraulic tool	5.00			4490.00	
Safety Joint	3.00			4493.00	
Packer	4.00			4497.00	23.00 Bottom Of Top Packer
Packer	5.00			4502.00	
Stubb	1.00			4503.00	
Recorder	0.00	8167	Inside	4503.00	
Recorder	0.00	8370	Inside	4503.00	
Perforations	2.00			4505.00	
Change Over Sub	1.00			4506.00	
Blank Spacing	60.00			4566.00	
Change Over Sub	1.00			4567.00	
Bullnose	5.00			4572.00	70.00 Bottom Packers & Anchor

Total Tool Length: 93.00



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FLUID SUMMARY

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DST#: 1

ATTN: Terry Mcleod

Test Start: 2009.05.07 @ 20:23:42

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

5500 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 14.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Drig.mud	0.421
0.00	430 ft.of GIP	0.000

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

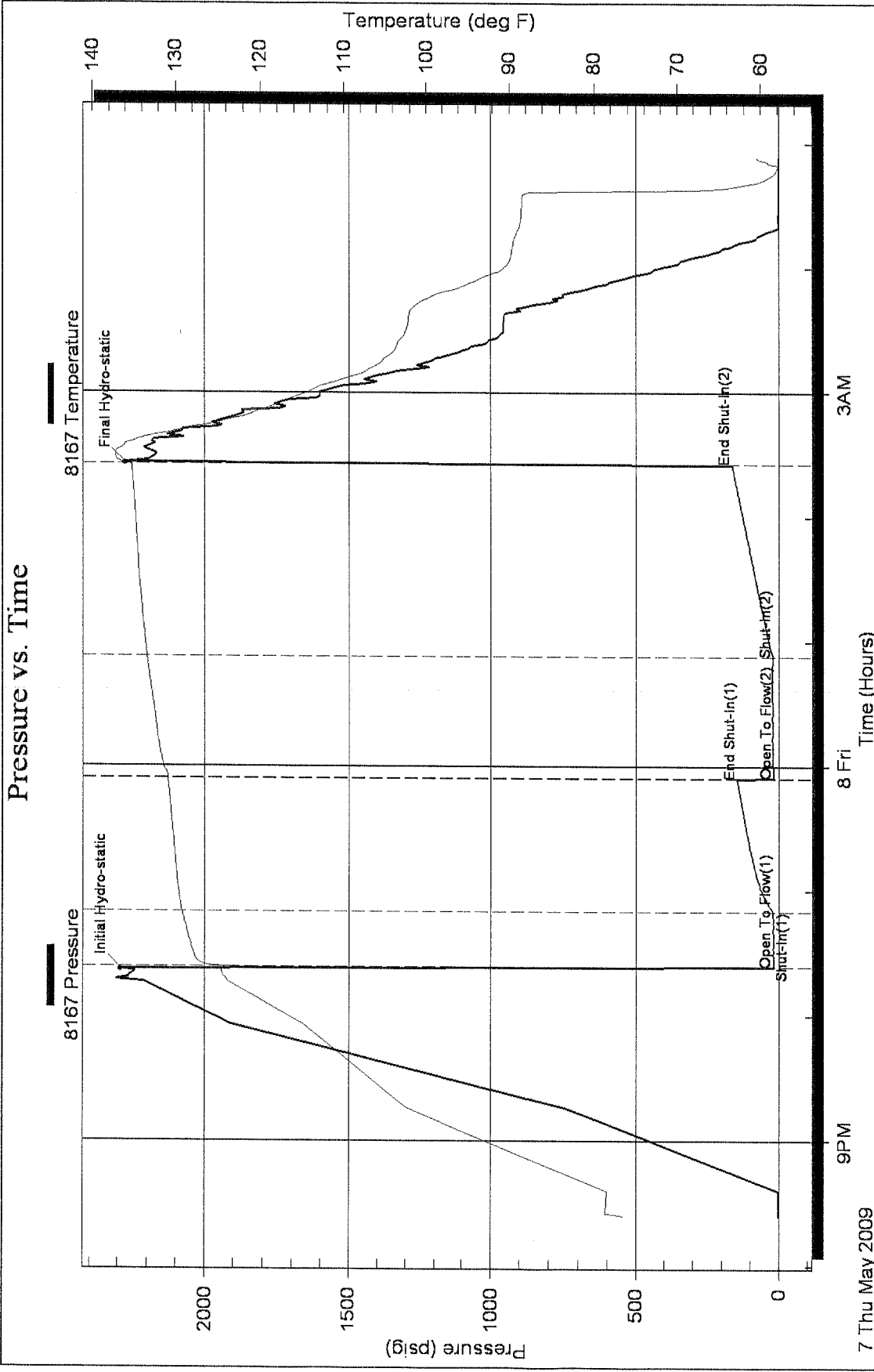
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



206063