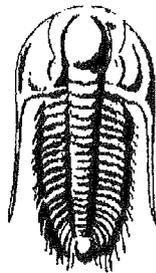


15-007-23293

12-34s-12w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Company LLC**

125 N Market Ste1000
Wichita KS 67202

ATTN: Curtis Covey

12 34S 12W Barber KS

Diel ' C ' # 1

Start Date: 2008.06.04 @ 05:08:30

End Date: 2008.06.04 @ 15:02:30

Job Ticket #: 29312 DST #: 1

**KCC
SEP 24 2008
CONFIDENTIAL**

**RECEIVED
KANSAS CORPORATION COMMISSION**

SEP 24 2008

**CONSERVATION DIVISION
WICHITA, KS**

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Woolsey Operating Company LLC

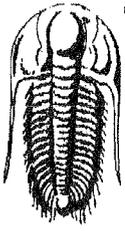
Diel ' C ' # 1

12 34S 12W Barber KS

DST # 1

Mississippi

2008.06.04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Woolsey Operating Company LLC

Diel ' C ' # 1

125 N Market Ste1000
Wichita KS 67202

12 34S 12W Barber KS

ATTN: Curtis Covey

Job Ticket: 29312

DST#: 1

Test Start: 2008.06.04 @ 05:08:30

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:10:30

Time Test Ended: 15:02:30

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **4646.00 ft (KB) To 4734.00 ft (KB) (TVD)**

Total Depth: 4734.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1499.00 ft (KB)

1490.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **6798** Inside

Press@RunDepth: 32.30 psig @ 4653.00 ft (KB)

Start Date: 2008.06.04

End Date:

2008.06.04

Start Time: 05:08:31

End Time:

15:02:30

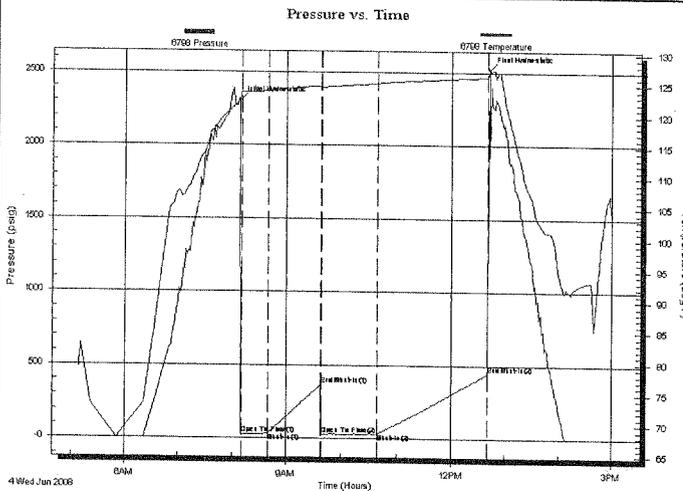
Capacity: 7000.00 psig

Last Calib.: 2008.06.04

Time On Btm: 2008.06.04 @ 08:08:30

Time Off Btm: 2008.06.04 @ 12:42:30

TEST COMMENT: IF Fair blow BOB in 6 mins.
ISI No blow
FF Strong blow BOB in 10 secs.
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2304.36	122.08	Initial Hydro-static
2	28.27	123.73	Open To Flow (1)
32	32.21	123.93	Shut-In(1)
90	368.04	124.81	End Shut-In(1)
91	27.58	124.62	Open To Flow(2)
151	32.30	125.21	Shut-In(2)
272	445.24	126.29	End Shut-In(2)
274	2519.58	127.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	DM 100%M	0.49
0.00	475' GIP	0.00
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Company LLC

Diel 'C' # 1

125 N Market Ste1000
Wichita KS 67202

12 34S 12W Barber KS

ATTN: Curtis Covey

Job Ticket: 29312

DST#: 1

Test Start: 2008.06.04 @ 05:08:30

Tool Information

Drill Pipe:	Length: 4622.00 ft	Diameter: 3.80 inches	Volume: 64.83 bbl	Tool Weight: 2600.00 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: 120000.0 lb
			Total Volume: 64.83 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4646.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	116.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4623.00	
Hydraulic tool	5.00			4628.00	
Jars	5.00			4633.00	
Safety Joint	3.00			4636.00	
Packer	5.00			4641.00	28.00 Bottom Of Top Packer
Packer	5.00			4646.00	
Stubb	1.00			4647.00	
Perforations	5.00			4652.00	
Change Over Sub	1.00			4653.00	
Recorder	0.00	6798	Inside	4653.00	
Recorder	0.00	8358	Inside	4653.00	
Blank Spacing	64.00			4717.00	
Change Over Sub	1.00			4718.00	
Perforations	13.00			4731.00	
Bullnose	3.00			4734.00	88.00 Bottom Packers & Anchor

Total Tool Length: 116.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Company LLC

Diel ' C ' # 1

125 N Market Ste1000
Wichita KS 67202

12 34S 12W Barber KS

Job Ticket: 29312

DST#: 1

ATTN: Curtis Covey

Test Start: 2008.06.04 @ 05:08:30

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	DM 100%M	0.491
0.00	475' GIP	0.000
0.00		0.000

Total Length: 35.00 ft

Total Volume: 0.491 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

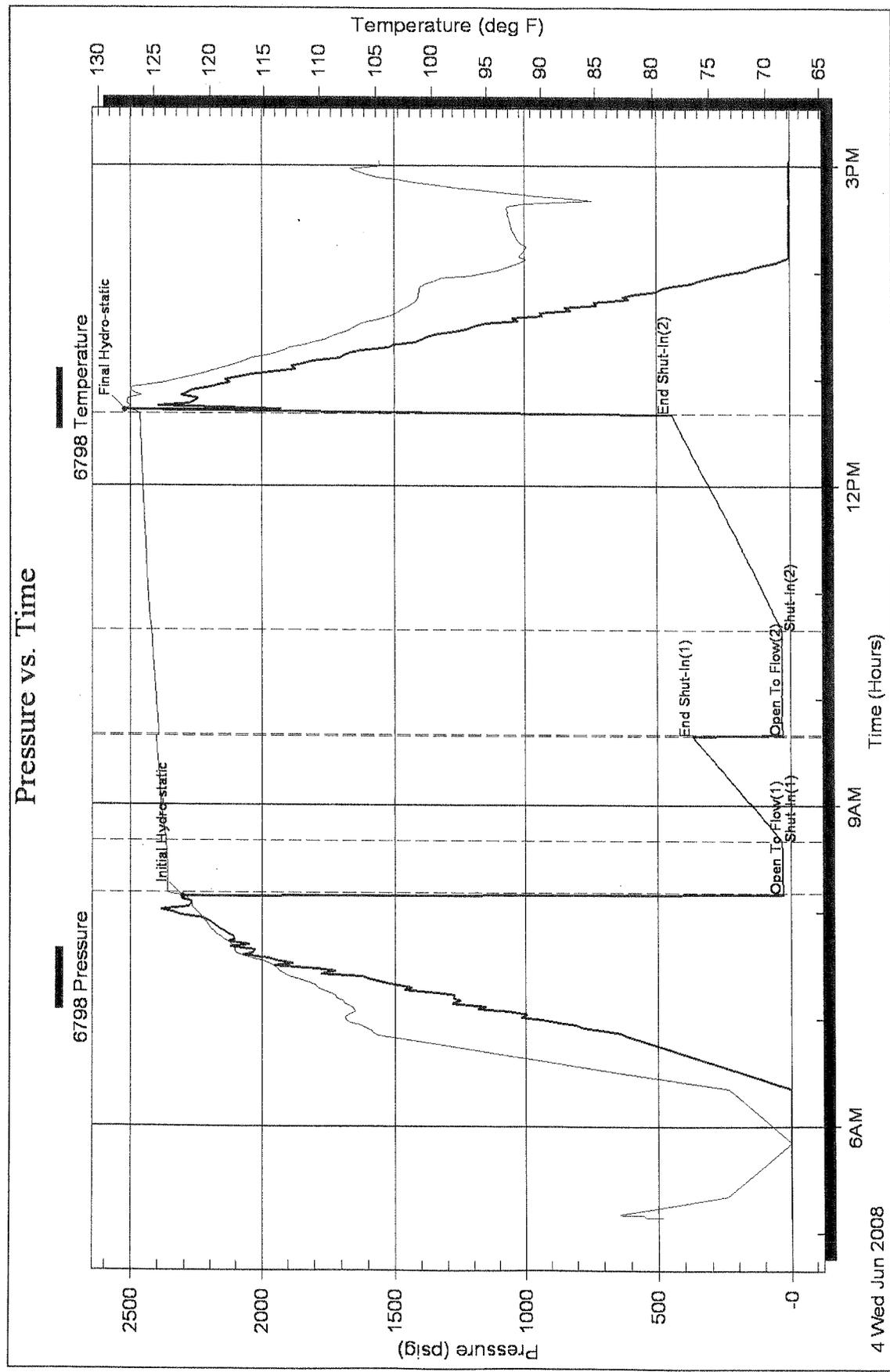
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



4 Wed Jun 2008

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