

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baber Oil Co LLC**

320 S Boston Ste 1115
Tulsa OK 74103

CONFIDENTIAL
SEP 02 2008
KCC

ATTN: Steve Murphy

4 33S 12W Barber KS

Sherry # 1-4

Start Date: 2008.05.22 @ 10:58:42

End Date: 2008.05.22 @ 20:17:27

Job Ticket #: 31751 DST #: 1

Baber Oil Co LLC

Sherry # 1-4

4 33S 12W Barber KS

DST # 1

Miss.

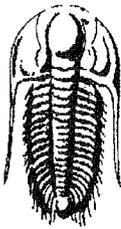
2008.05.22

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 04 2008

CONSERVATION DIVISION
WICHITA, KS

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baber Oil Co LLC
 320 S Boston Ste 1115
 Tulsa OK 74103
 ATTN: Steve Murphy

Sherry # 1-4
4 33S 12W Barber KS
 Job Ticket: 31751 DST#: 1
 Test Start: 2008.05.22 @ 10:58:42

GENERAL INFORMATION:

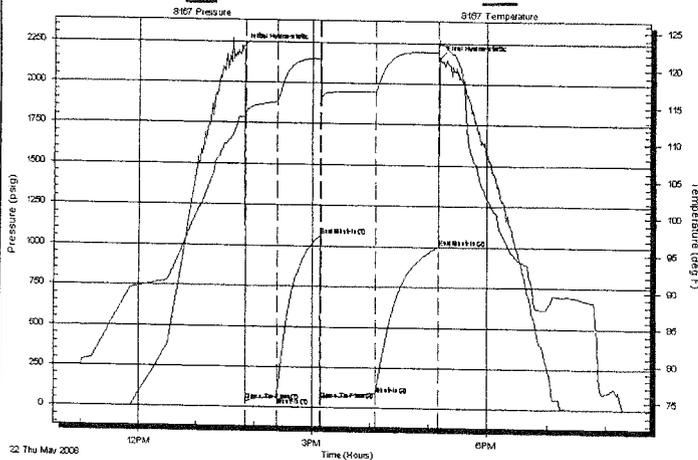
Formation: **Miss.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:51:12
 Time Test Ended: 20:17:27
 Interval: **4498.00 ft (KB) To 4530.00 ft (KB) (TVD)**
 Total Depth: 4530.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole
 Tester: Gary Pevoteaux
 Unit No: 39
 Reference Elevations: 1598.00 ft (KB)
 1592.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8167 Inside
 Press@RunDepth: 86.57 psig @ 4499.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.05.22 End Date: 2008.05.22 Last Calib.: 2008.05.22
 Start Time: 10:58:47 End Time: 20:17:27 Time On Btm: 2008.05.22 @ 13:47:57
 Time Off Btm: 2008.05.22 @ 17:11:42

TEST COMMENT: IF Strong blow BOB in 1 min.
 ISI GTS in 40 secs. weak blow 1/2 - 2 "
 FF Strong blow see gas flow report
 FSI No blow

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Pressure vs. Time



PRESSURE SUMMARY

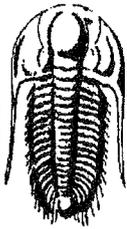
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.23	113.36	Initial Hydro-static
4	37.34	114.04	Open To Flow (1)
36	61.04	115.45	Shut-in(1)
80	1061.60	121.21	End Shut-in(1)
82	51.72	116.07	Open To Flow (2)
138	86.57	116.92	Shut-in(2)
202	1001.02	122.35	End Shut-in(2)
204	2153.97	123.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 15%G 26%O 59%M	0.30
120.00	GOCM 18%G 21%O 61%M	0.59
80.00	GOCM 8%G 6%O 86%M	0.39

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	5.50	31.57
Last Gas Rate	0.25	4.00	29.19
Max. Gas Rate	0.25	5.50	31.57



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Baber Oil Co LLC
320 S Boston Ste 1115
Tulsa OK 74103
ATTN: Steve Murphy

Sherry # 1-4
4 33S 12W Barber KS
Job Ticket: 31751 **DST#: 1**
Test Start: 2008.05.22 @ 10:58:42

Tool Information

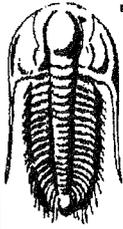
Drill Pipe:	Length: 4234.00 ft	Diameter: 3.80 inches	Volume: 59.39 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 265.00 ft	Diameter: 2.25 inches	Volume: 1.30 bbl	Weight to Pull Loose: 66000.00 lb
		Total Volume:	60.69 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4498.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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KEO

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4471.00	
Shut in Tool	5.00			4476.00	
Hydraulic tool	5.00			4481.00	
Jars	5.00			4486.00	
Safety Joint	3.00			4489.00	
Packer	4.00			4493.00	28.00 Bottom Of Top Packer
Packer	5.00			4498.00	
Stubb	1.00			4499.00	
Recorder	0.00	8167	Inside	4499.00	
Recorder	0.00	8357	Inside	4499.00	
Perforations	26.00			4525.00	
Bullnose	5.00			4530.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Baber Oil Co LLC
320 S Boston Ste 1115
Tulsa OK 74103
ATTN: Steve Murphy

Sherry # 1-4
4 33S 12W Barber KS
Job Ticket: 31751 **DST#: 1**
Test Start: 2008.05.22 @ 10:58:42

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 9.58 in³
Resistivity: 0.00 ohm.m
Salinity: 5000.00 ppm
Filter Cake: 0.20 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 5000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM 15%G 26%O 59%M	0.295
120.00	GOCM 18%G 21%O 61%M	0.590
80.00	GOCM 8%G 6%O 86%M	0.393

Total Length: 260.00 ft Total Volume: 1.278 bbl

Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #: gp-1
Laboratory Name: Caraway Laboratory Location: Liberal, KS
Recovery Comments:

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DRILL STEM TEST REPORT

GAS RATES

Baber Oil Co LLC
320 S Boston Ste 1115
Tulsa OK 74103

Sherry # 1-4

4 33S 12W Barber KS

Job Ticket: 31751

DST#: 1

ATTN: Steve Murphy

Test Start: 2008.05.22 @ 10:58:42

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.25	5.50	31.57
2	10	0.25	5.50	31.57
2	20	0.25	5.00	30.78
2	30	0.25	4.00	29.19
2	40	0.25	4.00	29.19
2	60	0.25	4.00	29.19

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DST Test Number: 1

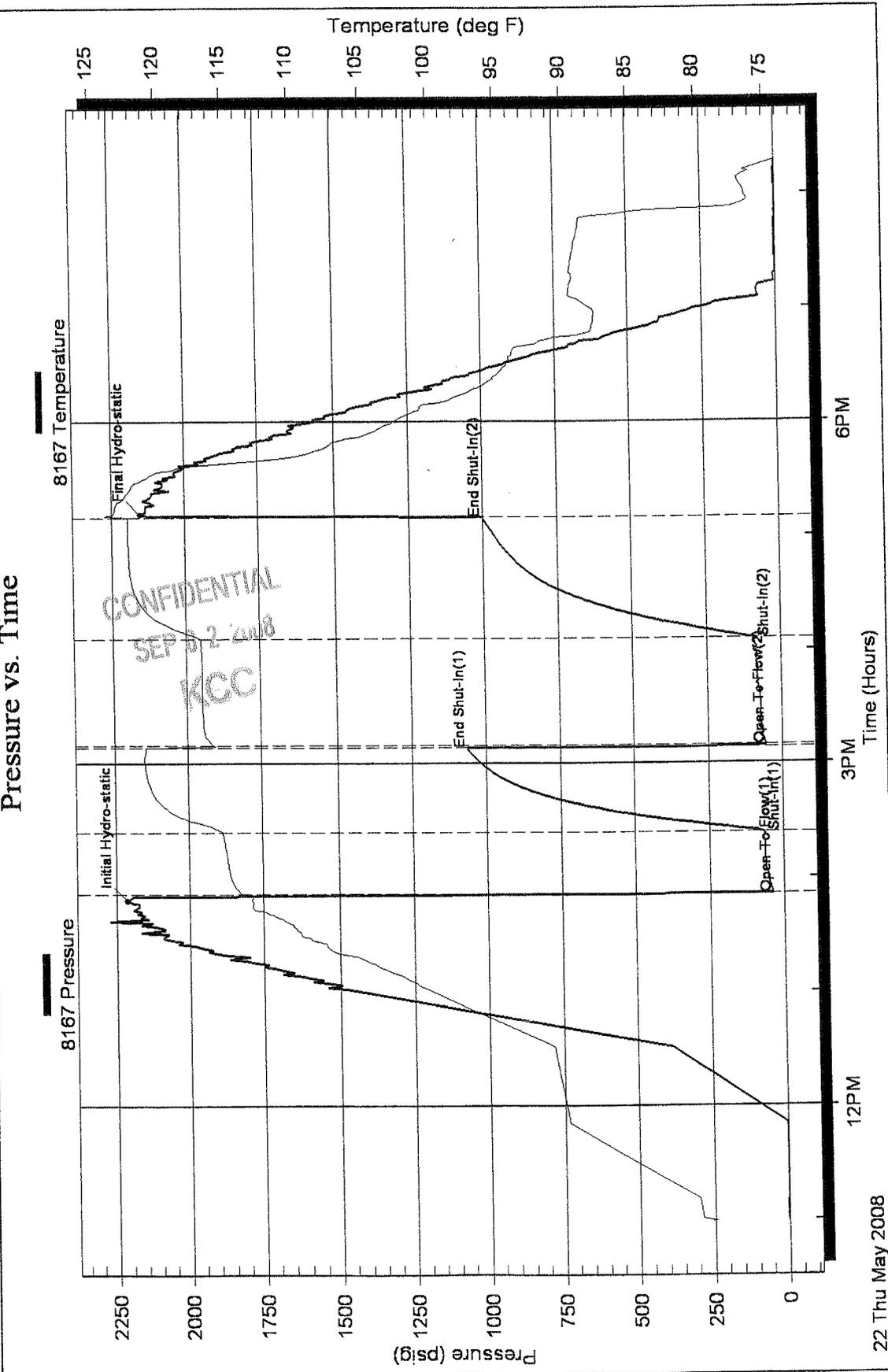
4 33S 12W Barber KS

Baber Oil Co LLC

Inside

Serial #: 8167

Pressure vs. Time



22 Thu May 2008

Ref. No: 31751

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