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JUL 23 2008
CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Lotus Operating Co.**

100 S. Main STE.100
Wichita KS. 67202

ATTN: Joe Baker

24/ 29/s 16w

Piester Ranch #3

Start Date: 2008.04.01 @ 15:58:18

End Date: 2008.04.02 @ 03:24:07

Job Ticket #: 30355 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Lotus Operating Co.

Piester Ranch #3

24/ 29/s 16w

DST # 1

Mississippi

2008.04.01



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TESTING, INC.**

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Lotus Operating Co.

100 S. Main STE.100
Wichita KS. 67202

ATTN: Joe Baker

Plester Ranch #3

24/ 29/s 16w

Job Ticket: 30355

DST#:1

Test Start: 2008.04.01 @ 15:58:18

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 20:10:38

Time Test Ended: 03:24:07

Test Type: **Conventional Bottom Hole**

Tester: **Kevin Taylor**

Unit No: **24**

Interval: **4671.00 ft (KB) To 4710.00 ft (KB) (TVD)**

Total Depth: **4710.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2017.00 ft (KB)**

2005.00 ft (CF)

KB to GR/CF: **12.00 ft**

Serial #: 8166

Inside

Press@RunDepth: **63.27 psig @ 4672.00 ft (KB)**

Start Date: **2008.04.01**

End Date:

2008.04.02

Start Time: **15:58:23**

End Time:

03:24:08

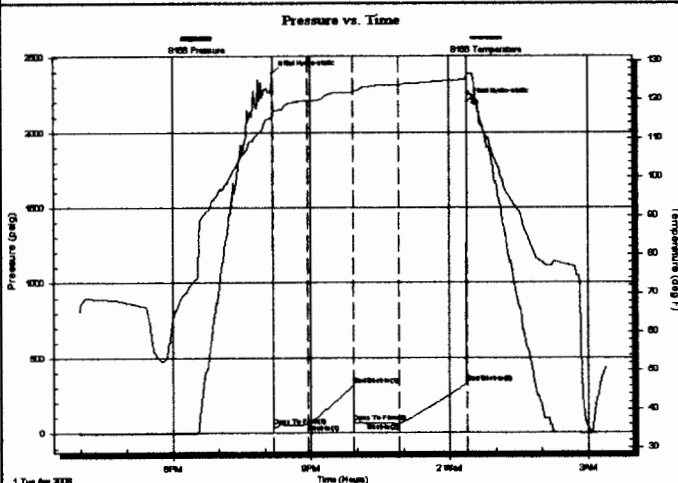
Capacity: **7000.00 psig**

Last Calib.: **2008.04.02**

Time On Btm: **2008.04.01 @ 20:10:18**

Time Off Btm: **2008.04.02 @ 00:22:48**

TEST COMMENT: I.F. Weak Blow Built To 9" in 50 Min
I.S.I. No Blow.
F.F. Weak Blow Built To 8" in 5 Min Died Back To 5" in 50 Min.
F.S.I. No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2389.70	115.89	Initial Hydro-static
1	47.20	115.63	Open To Flow (1)
46	60.36	119.74	Shut-In(1)
105	320.82	121.87	End Shut-In(1)
106	69.08	122.24	Open To Flow (2)
165	63.27	123.70	Shut-In(2)
252	329.64	125.15	End Shut-In(2)
253	2201.94	126.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM (5%O 95%M)	0.22
90.00	MUD	0.66
240.00	GIP	3.06

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

Lotus Operating Co.

Piester Ranch #3

100 S. Main STE.100
Wichita KS. 67202

24/ 29/s 16w

Job Ticket: 30355

DST#:1

ATTN: Joe Baker

Test Start: 2008.04.01 @ 15:58:18

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: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM (5%O 95%M)	0.220
90.00	MUD	0.661
240.00	GIP	3.059

Total Length: 360.00 ft

Total Volume: 3.940 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8166

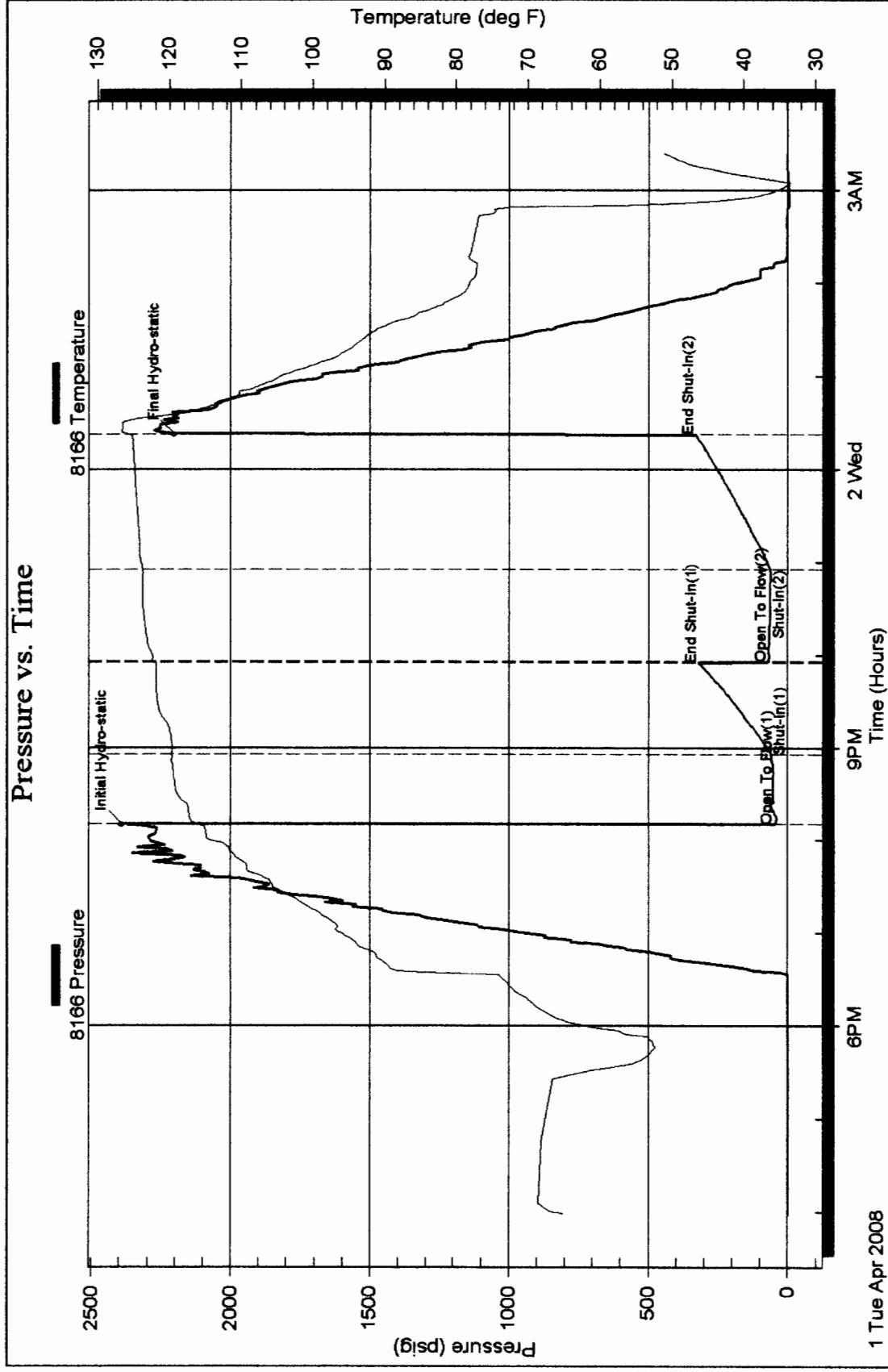
Inside

Lotus Operating Co.

24/ 29/s 16w

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 30355

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