DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Mai Oil Operations Inc

8411 Preston Rd
Ste 800
Dallas Texas 75225-5520
ATTN: Allen Bangert

Keil#1

35-16s-15w Barton

Job Ticket: 38201 **DST#: 1**

Test Start: 2010.03.03 @ 00:30:55

GENERAL INFORMATION:

Formation: LKC E-F
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:26:50
Time Test Ended: 05:47:49

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

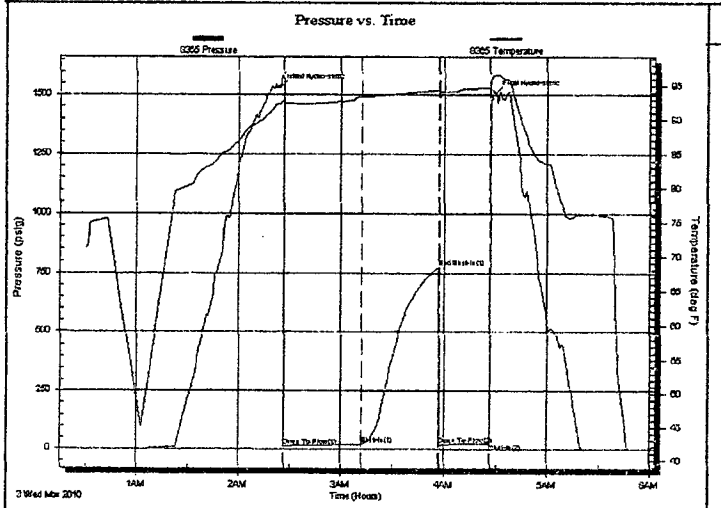
Interval: 3303.00 ft (KB) To 3326.00 ft (KB) (TVD)
Total Depth: 3326.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1986.00 ft (KB)
1978.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8365 Inside
Press@RunDepth: 19.63 psig @ 3304.01 ft (KB)
Start Date: 2010.03.03 End Date: 2010.03.03
Start Time: 00:30:55 End Time: 05:47:49

Capacity: 8000.00 psig
Last Calib.: 2010.03.03
Time On Btm: 2010.03.03 @ 02:23:50
Time Off Btm: 2010.03.03 @ 04:29:50

TEST COMMENT: IFP-w k bl 1/2"to 1"bl
FFP-surface bl , died in 23 min
Times 45-45-30-out



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1530.98	92.23	Initial Hydro-static
3	11.28	92.20	Open To Flow (1)
48	19.63	93.39	Shut-In(1)
93	773.02	94.28	End Shut-In(1)
94	22.29	94.02	Open To Flow (2)
123	25.49	94.72	Shut-In(2)
126	1506.60	96.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM 3%O97%M	0.42

Gas Rates

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

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Mai Oil Operations Inc

8411 Preston Rd
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Dallas Texas 75225-5520
ATTN: Allen Bangert

Keil#1

35-16s-15w Barton

Job Ticket: 38202 **DST#: 2**

Test Start: 2010.03.03 @ 18:30:17

GENERAL INFORMATION:

Formation: LKC H-J
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:01:42
Time Test Ended: 22:17:42

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

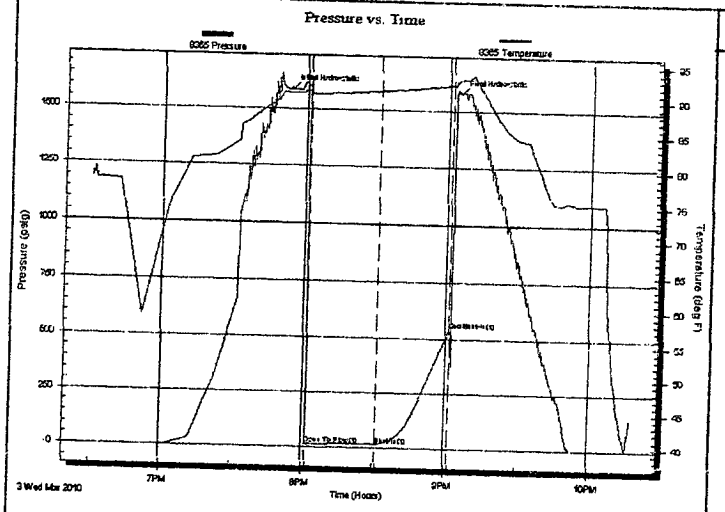
Interval: 3384.00 ft (KB) To 3444.00 ft (KB) (TVD)
Total Depth: 3444.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1986.00 ft (KB)
1978.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8365 **Inside**
Press@RunDepth: 15.17 psig @ 3389.01 ft (KB)
Start Date: 2010.03.03 End Date: 2010.03.03
Start Time: 18:30:17 End Time: 22:17:42

Capacity: 8000.00 psig
Last Calib.: 2010.03.03
Time On Btm: 2010.03.03 @ 19:53:42
Time Off Btm: 2010.03.03 @ 21:04:42

TEST COMMENT: IFP-surface bl died in 15 min
Times 30-30-out



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1587.33	90.94	Initial Hydro-static
8	13.42	90.64	Open To Flow (1)
38	15.17	91.25	Shut-In(1)
68	535.82	92.17	End Shut-In(1)
71	1578.78	92.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.07

Gas Rates

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

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TRILOBITE TESTING, INC

Mai Oil Operations Inc

8411 Preston Rd
Ste 800
Dallas Texas 75225-5520
ATTN: Allen Bangert

Keil#1

35-16s-15w Barton

Job Ticket: 38203 **DST#: 3**

Test Start: 2010.03.04 @ 06:04:24

GENERAL INFORMATION:

Formation: LKC K-L
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:47:49
Time Test Ended: 10:01:19

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

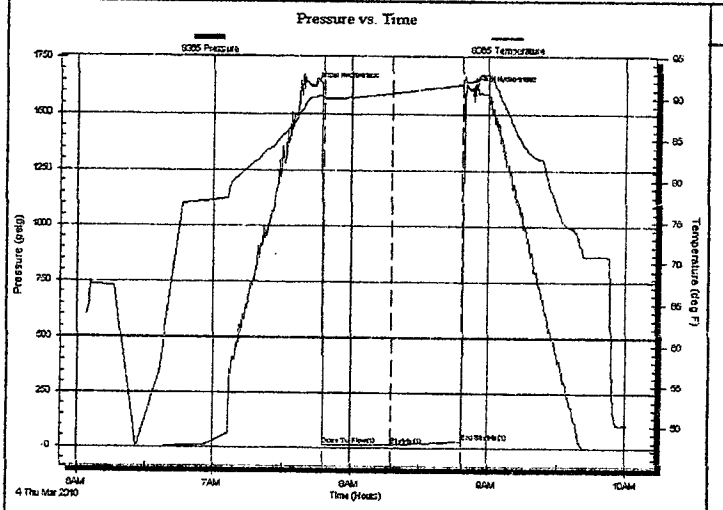
Interval: **3440.00 ft (KB) To 3480.00 ft (KB) (TVD)**
Total Depth: 3480.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1986.00 ft (KB)
1978.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8365 Inside
Press@RunDepth: 14.72 psig @ 3451.01 ft (KB)
Start Date: 2010.03.04 End Date: 2010.03.04
Start Time: 06:04:24 End Time: 10:01:19

Capacity: 8000.00 psig
Last Calib.: 2010.03.04
Time On Btm: 2010.03.04 @ 07:43:19
Time Off Btm: 2010.03.04 @ 08:52:19

TEST COMMENT: IFP-surface bl died in 20 min
Times 30-30-out



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1625.52	90.13	Initial Hydro-static
5	13.91	89.96	Open To Flow (1)
35	14.72	90.66	Shut-In(1)
66	31.42	91.69	End Shut-In(1)
69	1608.33	92.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud w/show of oil	0.03

Gas Rates

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

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BY:

Test Ticket

NO. 38201 ✓ 13982

Well Name & No. Keil #1 Test No. 1 Date 3-2-10

Company MAI Oil Operations Inc Elevation 1986 KB 1978 GL

Address 8411 Preston Rd. Ste 800 Dallas, Texas 75225-5520

Co. Rep / Geo. Kitt Noah Rig Southwind rig 3

Location: Sec. 35 Twp. 16S Rge. 15W Co. Barton State Ks

Interval Tested 3303-3326 Zone Tested LKC E-F

Anchor Length 23 Drill Pipe Run 3289 Mud Wt. 8.9

Top Packer Depth 3298 Drill Collars Run — Vis 51

Bottom Packer Depth 3303 Wt. Pipe Run — WL 7.2

Total Depth 3326 Chlorides 2800 ppm System LCM 1#

Blow Description IFP - Weak Blow ½" To 1" Blow

FFP - Surface Blow, died in 22 min

Rec 30	Feet of 50CM	%gas 3	%oil	%water 97	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	

Rec Total 30 BHT 94 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1530	☑ Test 1050	T-On Location 2200	
(B) First Initial Flow 11	☐ Jars	T-Started 0030	
(C) First Final Flow 19	☐ Safety Joint	T-Open 0230	
(D) Initial Shut-In 773	☐ Circ Sub	T-Pulled 0430	
(E) Second Initial Flow 22	☐ Hourly Standby	T-Out 0547	
(F) Second Final Flow 25	☑ Mileage 100 RT	Comments	
(G) Final Shut-In —	☐ Sampler		
(H) Final Hydrostatic 1506	☐ Straddle		
	☐ Shale Packer	☐ Ruined Shale Packer	
Initial Open 45	☐ Extra Packer	☐ Ruined Packer	
Initial Shut-In 45	☐ Extra Recorder	☐ Extra Copies	
Final Flow 30	☐ Day Standby	Sub Total 0	
Final Shut-In —	☐ Accessibility	Total 1150	
	Sub Total 1150		

Approved By Kitt Noah Our Representative Ray Schwager Thank you

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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BY:

Test Ticket
NO. 38202

Well Name & No. Keil #1 Test No. 2 Date 3-3-10

Company MAI Oil Operations Inc Elevation 1986 KB 1978 GL

Address 8411 Preston Rd. Ste 800 Dallas, Texas 75225-5520

Co. Rep / Geo. Kit Noah Rig Southwind rig 3

Location: Sec. 35 Twp. 16 S Rge. 15 W Co. Barton State Ks

Interval Tested 3384-3444 Zone Tested LKC H-J

Anchor Length 60 Drill Pipe Run 3384 Mud Wt. 9

Top Packer Depth 3379 Drill Collars Run — Vis 51

Bottom Packer Depth 3384 Wt. Pipe Run — WL 8

Total Depth 3444 Chlorides 4800 ppm System LCM 1#

Blow Description IFP - Surface Blow died in 15 min

~~FFP~~ -

Rec 5	Feet of Mud	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 92 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1587

(B) First Initial Flow 13

(C) First Final Flow 15

(D) Initial Shut-In 535

(E) Second Initial Flow —

(F) Second Final Flow —

(G) Final Shut-In —

(H) Final Hydrostatic 1578

Initial Open 30

Initial Shut-In 30

Final Flow —

Final Shut-In —

- ☑ Test 1080-
- ☐ Jars
- ☐ Safety Joint
- ☐ Circ Sub
- ☐ Hourly Standby
- ☑ Mileage 100 RT
- ☐ Sampler
- ☐ Straddle
- ☐ Shale Packer
- ☐ Extra Packer
- ☐ Extra Recorder
- ☐ Day Standby
- ☐ Accessibility

Sub Total 1160-

T-On Location 1800

T-Started 1830

T-Open 2005

T-Pulled 2105

T-Out 2217

Comments

- ☐ Ruined Shale Packer
- ☐ Ruined Packer
- ☐ Extra Copies

Sub Total 0

Total 1160-

Approved By Kit Noah Our Representative Ray Schwager Thank you

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

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MAR 0 5 2010
BY:

Test Ticket

NO. 38203

Well Name & No. Keil #1 Test No. 3 Date 3-4-10

Company MAI Oil Operations Inc Elevation 1986 KB 1978 GL

Address 8411 Preston Rd, Ste 800 Dallas, Texas 75225-5520

Co. Rep / Geo. Kitt Noah Rig Southwind rig 3

Location: Sec. 35 Twp. 16S Rge. 15W Co. Barton State Ks

Interval Tested 3440 - 3480 Zone Tested LKC K-L

Anchor Length 40 Drill Pipe Run 3447 Mud Wt. 8.8

Top Packer Depth 3435 Drill Collars Run — Vis 55

Bottom Packer Depth 3440 Wt. Pipe Run — WL 8

Total Depth 3480 Chlorides 4800 ppm System LCM 1#

Blow Description IFP - surface blow, died in 20 min

		%gas	%oil	%water	%mud
Rec 2	Feet of Mud w/show of oil				
Rec	Feet of				
Rec	Feet of				
Rec	Feet of				
Rec	Feet of				

Rec Total 2 BHT 91 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	1625	☑ Test	1060
(B) First Initial Flow	13	☐ Jars	
(C) First Final Flow	14	☐ Safety Joint	
(D) Initial Shut-In	31	☐ Circ Sub	
(E) Second Initial Flow	—	☐ Hourly Standby	
(F) Second Final Flow	—	☑ Mileage	100RT
(G) Final Shut-In	—	☐ Sampler	
(H) Final Hydrostatic	1608	☐ Straddle	
		☐ Shale Packer	
Initial Open	30	☐ Extra Packer	
Initial Shut-In	30	☐ Extra Recorder	
Final Flow	—	☐ Day Standby	
Final Shut-In	—	☐ Accessibility	
		Sub Total	1160

T-On Location 0545

T-Started 0604

T-Open 0750

T-Pulled 0850

T-Out 1001

Comments

☐ Ruined Shale Packer

☐ Ruined Packer

☐ Extra Copies

Sub Total 8

Total 1160

Approved By Kitt Noah Our Representative Ray Schwager

Thank you

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