



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

Steinle #1

8411 Preston Road
Suite 800
Dallas, TX. 75225
ATTN: Kitt Noah

16 14s12w Russell KS

Job Ticket: 38077

DST#: 1

Test Start: 2010.02.21 @ 20:49:40

GENERAL INFORMATION:

Formation: Tarkio
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:16:10
Time Test Ended: 02:45:10

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 2264.00 ft (KB) To 2340.00 ft (KB) (TVD)
Total Depth: 2340.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1776.00 ft (KB)
1768.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6755

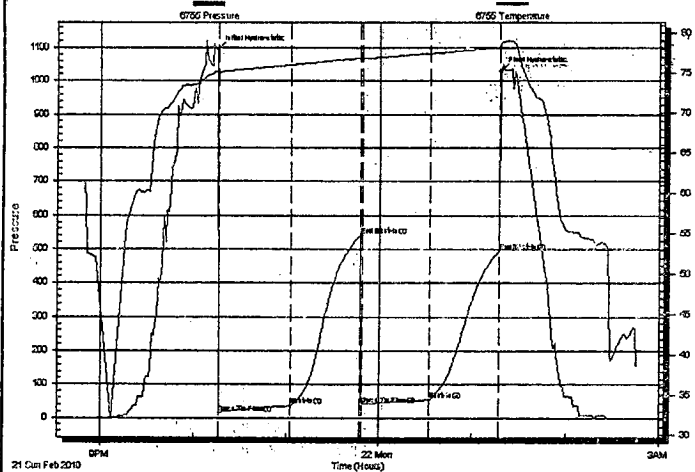
Inside

Press@RunDepth: 53.45 psig @ 2334.00 ft (KB)
Start Date: 2010.02.21 End Date: 2010.02.22
Start Time: 20:49:42 End Time: 02:45:10

Capacity: 8000.00 psig
Last Calib.: 2010.02.22
Time On Btm: 2010.02.21 @ 22:15:40
Time Off Btm: 2010.02.22 @ 01:17:40

TEST COMMENT: IFF-Weak Blow, Built to 4-1/2"
ISI-Dead
FFP-Weak Blow, Built to 2-1/2"
FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1094.80	75.19	Initial Hydro-static
1	14.58	74.94	Open To Flow (1)
47	35.95	76.00	Shut-In(1)
92	540.86	76.85	End Shut-In(1)
93	40.98	76.77	Open To Flow (2)
137	53.45	77.47	Shut-In(2)
182	494.03	78.24	End Shut-In(2)
182	1029.66	78.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
64.00	Drilling Mud	0.31

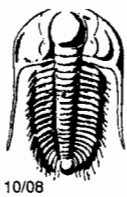
Gas Rates

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

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TRILOBITE TESTING INC.

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MAR 01 2010

Test Ticket

NO. 38077

13952

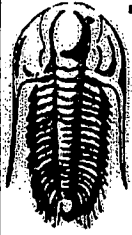
Well Name & No. Steinle #1 BY: _____ Test No. 1 Date 2-21-10
 Company Mai Oil Operations, Inc. Elevation 1776 KB 1768 GL _____
 Address 8411 Preston Road, Suite 800, Dallas, Tx., 75225
 Co. Rep / Geo. Kitt Noah Rig Southwind #3
 Location: Sec. 16 Twp. 14s Rge. 12w Co. Russell State KS

Interval Tested 2264-2340 Zone Tested Tarkio 1st Sand 2nd
 Anchor Length 76' Drill Pipe Run 2127 Mud Wt. 8.8
 Top Packer Depth 2259 Drill Collars Run 122 Vis 65
 Bottom Packer Depth 2264 Wt. Pipe Run 0 WL 7.2
 Total Depth 2340 Chlorides 1,000 ppm System LCM X
 Blow Description IFP- Weak Blow, Built to 4 1/2"
ISI-Dead
FFP- Weak Blow, Built to 2 1/2"
FSI-Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>64</u>	<u>Drilling Mud</u>				
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	<u>64</u>	BHT <u>78°</u>	Gravity _____	API RW _____	@ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1095 Test 1050 T-On Location 18:45
 (B) First Initial Flow 15 Jars _____ T-Started 20:49
 (C) First Final Flow 36 Safety Joint _____ T-Open 22:15
 (D) Initial Shut-In 541 Circ Sub _____ T-Pulled 1:15
 (E) Second Initial Flow 41 Hourly Standby _____ T-Out 2:45
 (F) Second Final Flow 53 Mileage 78 rt Comments _____
 (G) Final Shut-In 494 Sampler _____
 (H) Final Hydrostatic 1030 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1128-
 Sub Total 1128-

Approved By _____ Our Representative Jason McLean
 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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TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

8411 Preston Road
Suite 800
Dallas, TX. 75225
ATTN: Kitt Noah

Steinle #1

16 14s12w Russell KS

Job Ticket: 38078

DST#: 2

Test Start: 2010.02.23 @ 17:49:05

GENERAL INFORMATION:

Formation: LKC-"B"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:18:05
Time Test Ended: 23:45:05

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 2930.00 ft (KB) To 2948.00 ft (KB) (TVD)
Total Depth: 2948.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1776.00 ft (KB)
1768.00 ft (CF)
KB to GR/CF: 8.00 ft

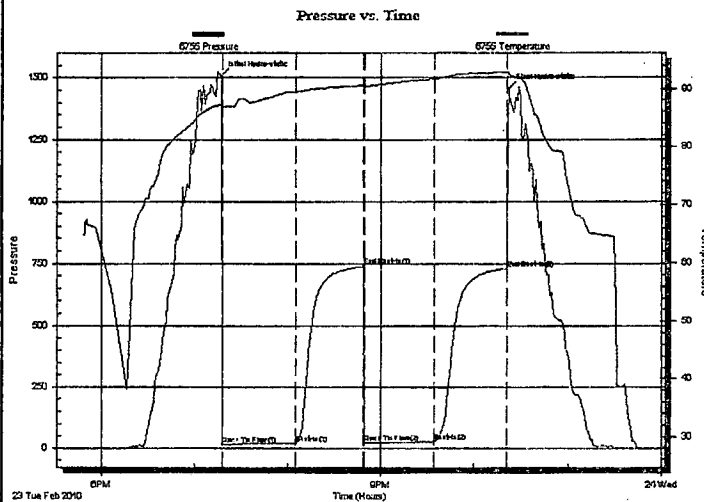
Serial #: 6755

Inside

Press@RunDepth: 26.41 psig @ 2936.00 ft (KB)
Start Date: 2010.02.23 End Date: 2010.02.23
Start Time: 17:49:07 End Time: 23:45:05

Capacity: 8000.00 psig
Last Calib.: 2010.02.23
Time On Btm: 2010.02.23 @ 19:17:05
Time Off Btm: 2010.02.23 @ 22:22:05

TEST COMMENT: IFP-Weak Blow ,Built to 1-1/2" in 15 Min, then died back
ISI-Dead
FFP-Weak Surface Blow Throughout
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1507.82	87.31	Initial Hydro-static
1	16.02	86.87	Open To Flow (1)
48	20.40	89.46	Shut-In(1)
92	739.23	90.57	End Shut-In(1)
93	21.61	90.30	Open To Flow (2)
138	26.41	91.78	Shut-In(2)
184	730.42	92.79	End Shut-In(2)
185	1456.40	92.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Muddy Water-75%W-25%M	0.42

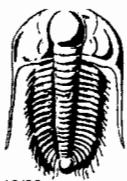
Gas Rates

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

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Test Ticket

NO. 38078

10/08

BY:

Well Name & No. Steink #1 Test No. 2 Date 2-23-10
 Company Mail Oil Operations, Inc. Elevation _____ KB _____ GL _____
 Address 874 Preston Road, Suite 800, Dallas, TX 75225
 Co. Rep / Geo. Kitt Noah Rig Southwind #3
 Location: Sec. 16 Twp. 14s Rge. 12w Co. Russell State Ks

Interval Tested 2930 - 2948 Zone Tested LKC B
 Anchor Length 18' Drill Pipe Run _____ Mud Wt. 8.8
 Top Packer Depth 2925 Drill Collars Run 0 Vis 65
 Bottom Packer Depth 2930 Wt. Pipe Run 0 WL 7.2
 Total Depth 2948 Chlorides 1,000 ppm System LCM 0
 Blow Description IFP - Weak Blow, Built to 1 1/2", Dried Back,
ISI - Dead
FFP - Weak Surface Blow Throughout
FSI - Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>Muddy water</u>		<u>75</u>	<u>25</u>	
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 93° Gravity _____ API RW 403 @ 19° °F Chlorides 70,000 ppm

(A) Initial Hydrostatic <u>1508</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>14:15</u>
(B) First Initial Flow <u>16</u>	<input type="checkbox"/> Jars _____	T-Started <u>17:49</u>
(C) First Final Flow <u>20</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>19:10</u>
(D) Initial Shut-In <u>739</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>22:10</u>
(E) Second Initial Flow <u>22</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>23:35</u>
(F) Second Final Flow <u>26</u>	<input checked="" type="checkbox"/> Mileage <u>78 RT</u>	Comments _____
(G) Final Shut-In <u>730</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1456</u>	<input type="checkbox"/> Straddle _____	_____
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1128</u>
	Sub Total <u>1128</u>	

Approved By _____ Our Representative Jason Mc Lemore
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

8411 Preston Road
Suite 800
Dallas, TX. 75225
ATTN: Kitt Noah

Steinle #1

16 14s12w Russell KS

Job Ticket: 38079

DST#: 3

Test Start: 2010.02.24 @ 05:01:34

GENERAL INFORMATION:

Formation: LKC-"C"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:14:34

Time Test Ended: 11:31:04

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: 2954.00 ft (KB) To 2965.00 ft (KB) (TVD)

Total Depth: 2965.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1776.00 ft (KB)

1768.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6755

Inside

Press@RunDepth: 26.09 psig @ 2960.00 ft (KB)

Start Date: 2010.02.24

End Date:

2010.02.24

Capacity: 8000.00 psig

Last Calib.: 2010.02.24

Start Time: 05:01:36

End Time:

11:31:04

Time On Btm: 2010.02.24 @ 07:13:34

Time Off Btm: 2010.02.24 @ 10:14:34

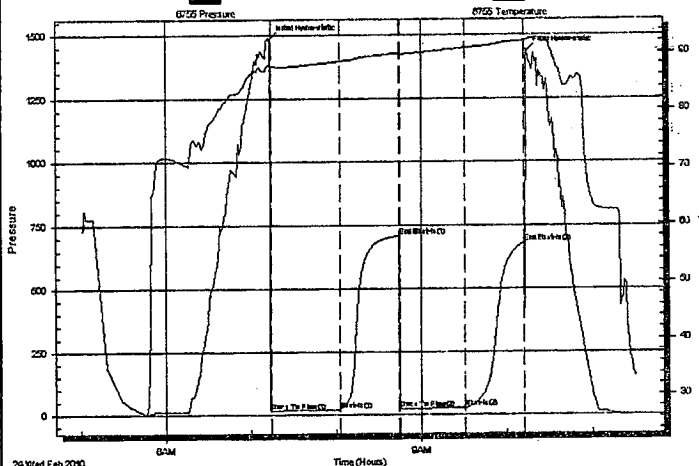
TEST COMMENT: IFP-Weak Blow, Built to 3-1/2"

ISI-Dead

FFP-Weak Blow, Built to 2"

FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1484.13	87.85	Initial Hydro-static
1	15.81	87.48	Open To Flow (1)
49	20.16	88.40	Shut-In(1)
91	709.06	89.88	End Shut-In(1)
92	20.50	89.61	Open To Flow (2)
138	26.09	90.76	Shut-In(2)
179	679.84	91.96	End Shut-In(2)
181	1435.27	92.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Clean Oil	0.01
5.00	MW W/Oil Specks-95%W-5%M	0.07
24.00	Muddy Water-85%W-15%M	0.34

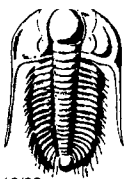
Gas Rates

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

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P.O. Box 1733 • Hays, Kansas 67601

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MAR 01 2010

Test Ticket

NO. 38079

10/08

BY: _____

Well Name & No. Steinle #1 Test No. 3 Date 2-24-10
 Company Mai Oil Operations, Inc. Elevation 1776 KB 1768 GL
 Address 8411 Preston Road, Suite 800, Dallas, TX 75225
 Co. Rep / Geo. Kitt Noah Rig Southwind #3
 Location: Sec. 16 Twp. 14s Rge. 12w Co. Russell State KS

Interval Tested 2954-2965 Zone Tested LKC - "C"
 Anchor Length 11' Drill Pipe Run 2943 Mud Wt. 9.5
 Top Packer Depth 2949 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 2954 Wt. Pipe Run 0 WL 8.8
 Total Depth 2965 Chlorides 4,000 ppm System LCM /
 Blow Description IFP-Weak Blow, Built to 3 1/2"
IST-Dead
FFP-Weak Blow, Built to 2"
FST-Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Clear Oil</u>				
<u>5</u>	<u>MW w/oil specks</u>	<u><1</u>	<u>95</u>	<u>5</u>	
<u>24</u>	<u>Muddy Water</u>		<u>85</u>	<u>15</u>	

Rec Total 30 BHT 92° Gravity _____ API RW 295 @ 38° F Chlorides 74,000 ppm

(A) Initial Hydrostatic 1484 Test 1050- T-On Location 4:41
 (B) First Initial Flow 16 Jars _____ T-Started 5:01
 (C) First Final Flow 20 Safety Joint _____ T-Open 7:14
 (D) Initial Shut-In 709 Circ Sub _____ T-Pulled ~~11:32~~ 10:14
 (E) Second Initial Flow 21 Hourly Standby _____ T-Out 11:32
 (F) Second Final Flow 26 Mileage 78 RT Comments _____
 (G) Final Shut-In 680 Sampler _____
 (H) Final Hydrostatic 1435 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 45 Day Standby _____ Sub Total 0
 Initial Shut-In 45 Accessibility _____ Total 1128-
 Final Flow 45
 Final Shut-In 45
 Sub Total 1128-

Approved By _____ Our Representative Jenna McLenon *Thank You!*
 Tritobite 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.