



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations Inc
8411 Preton Rd
ste 800 Dallas Tx 75225+5520
ATTN: Allen Bangert

Flegler B #4
11-15s-14w-Russell
Job Ticket: 039748 DST#: 1
Test Start: 2011.09.04 @ 08:52:12

GENERAL INFORMATION:

Formation: **Tarkio**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:35:12
Time Test Ended: 15:05:12

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

Interval: **2398.00 ft (KB) To 2450.00 ft (KB) (TVD)**
Total Depth: 2450.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1847.00 ft (KB)
1840.00 ft (CF)
KB to GR/CF: 7.00 ft

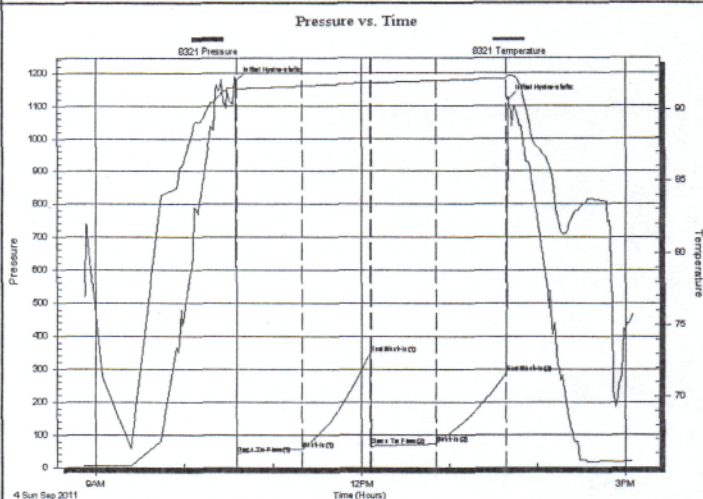
Serial #: 8321

Inside

Press@RunDepth: 72.75 psig @ 2437.00 ft (KB)
Start Date: 2011.09.04 End Date:
Start Time: 08:52:13 End Time:

Capacity: 8000.00 psig
Last Calib.: 2011.09.04
Time On Btm: 2011.09.04 @ 10:34:42
Time Off Btm:

TEST COMMENT: IFP-Good blow BOB in 23 min
ISI-Dead no blow back
FFP-Good blow BOB in 10 min
FSI-Dead no blow back



PRESSURE SUMMARY

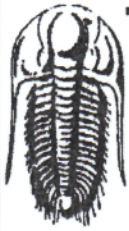
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1176.84	91.67	Initial Hydro-static
1	41.47	91.45	Open To Flow (1)
45	56.02	91.65	Shut-In(1)
91	347.10	91.90	End Shut-In(1)
92	68.57	91.82	Open To Flow (2)
136	72.75	92.00	Shut-In(2)
184	286.98	92.18	End Shut-In(2)
186	1119.91	92.36	Initial Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	VSOOM 3%O97%M	0.15
57.00	OCGM 10%G20%O70%M	0.28
0.00	283 GIP	0.00

Gas Rates

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

Mai Oil Operations Inc
8411 Preton Rd
ste 800 Dallas Tx 75225+5520
ATTN: Allen Bangert

Flegler B #4
11-15s-14w-Russell
Job Ticket: 039749 **DST#: 2**
Test Start: 2011.09.05 @ 21:18:42

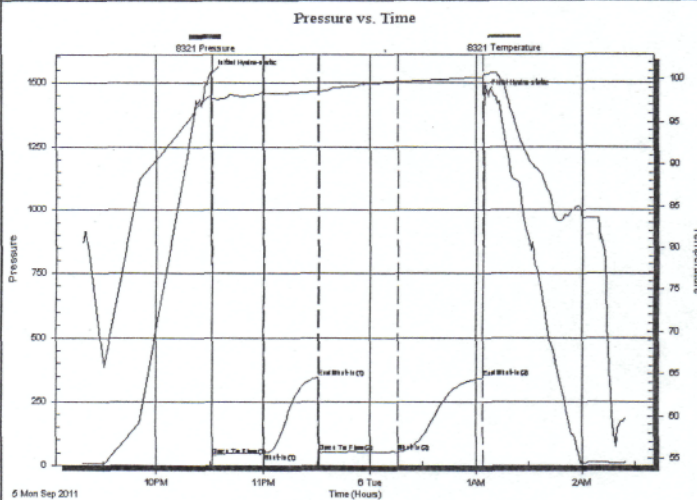
GENERAL INFORMATION:

Formation: **LKC-A&B**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:31:12
Time Test Ended: 02:25:12
Interval: **3032.00 ft (KB) To 3080.00 ft (KB) (TVD)**
Total Depth: 3080.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44
Reference Elevations: 1847.00 ft (KB)
1840.00 ft (CF)
KB to GRVCF: 7.00 ft

Serial #: 8321 **Inside**
Press@RunDepth: 53.98 psig @ 3067.00 ft (KB)
Start Date: 2011.09.05 End Date: 2011.09.06
Start Time: 21:18:43 End Time: 02:25:12
Capacity: 8000.00 psig
Last Calib.: 2011.09.06
Time On Btm: 2011.09.05 @ 22:30:42
Time Off Btm: 2011.09.06 @ 01:04:42

TEST COMMENT: IFP-Weak blow built to 2 in
IS-Dead no blow back
FFP-Weak blow built to 1 1/2 in
FSI-Dead no blow back



PRESSURE SUMMARY

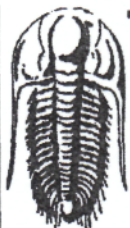
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1534.58	97.96	Initial Hydro-static
1	38.86	97.69	Open To Flow (1)
30	49.51	98.31	Shut-In(1)
60	344.90	98.53	End Shut-In(1)
61	52.13	98.41	Open To Flow (2)
105	53.98	99.65	Shut-In(2)
153	343.26	100.19	End Shut-In(2)
154	1451.88	100.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
33.00	SOOM 5% O95%M	0.46

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations Inc

8411 Preton Rd
ste 800 Dallas Tx 75225+5520

ATTN: Allen Bangert

Flegler B #4

11-15s-14w-Russell

Job Ticket: 039750

DST#: 3

Test Start: 2011.09.06 @ 10:03:57

GENERAL INFORMATION:

Formation: **Lansing-D-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:47:27

Time Test Ended: 16:37:57

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: **3093.00 ft (KB) To 3136.00 ft (KB) (TVD)**

Total Depth: 3136.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1847.00 ft (KB)

1840.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8321

Inside

Press@RunDepth: 108.21 psig @ 3128.00 ft (KB)

Start Date: 2011.09.06

End Date:

2011.09.06

Start Time: 10:03:58

End Time:

16:37:57

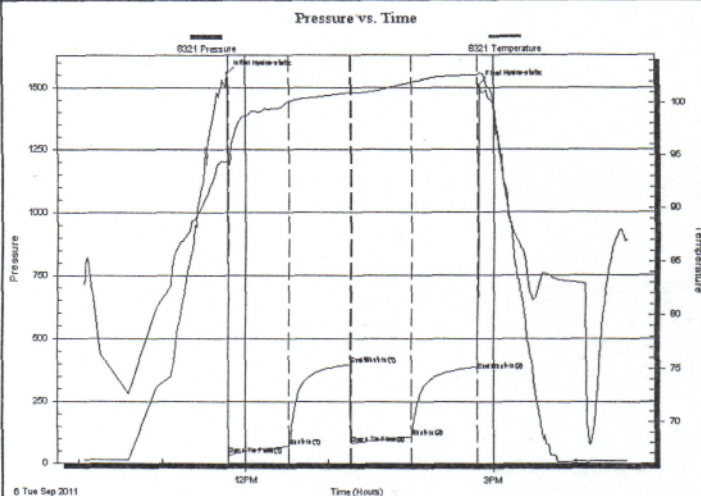
Capacity: 8000.00 psig

Last Calib.: 2011.09.06

Time On Btm: 2011.09.06 @ 11:46:57

Time Off Btm: 2011.09.06 @ 14:49:27

TEST COMMENT: IFF-Strong blow BOB in 3 min
ISI-Weak blow back built to 2 in
FFP-Strong blow BOB in 3 1/2 min
FSI-Weak blow back built to 3 in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1555.36	94.39	Initial Hydro-static
1	34.91	94.08	Open To Flow (1)
45	69.47	100.17	Shut-In(1)
89	397.15	101.02	End Shut-In(1)
90	81.92	100.96	Open To Flow (2)
134	108.21	101.98	Shut-In(2)
182	371.83	102.69	End Shut-In(2)
183	1510.32	102.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MMW with a scum of oil 20%M80%W	0.88
63.00	OOGMMV 10%O10%G30%M50%W	0.88
20.00	OOGVM 20%O10%G2%W68%M	0.28
63.00	HOCGVM 30%O40%G10%W20%M	0.88
0.00	1271 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations Inc

8411 Preton Rd
ste 800 Dallas Tx 75225+5520

ATTN: Allen Bangert

Flegler B #4

11-15s-14w-Russell

Job Ticket: 44626

DST#: 4

Test Start: 2011.09.07 @ 02:02:31

GENERAL INFORMATION:

Formation: LKC-I-J

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:46:31

Time Test Ended: 09:26:31

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3186.00 ft (KB) To 3250.00 ft (KB) (TVD)

Total Depth: 3250.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1847.00 ft (KB)

1840.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8321

Inside

Press@RunDepth: 181.45 psig @ 3223.00 ft (KB)

Start Date: 2011.09.07

End Date:

2011.09.07

Start Time:

02:02:32

End Time:

09:26:31

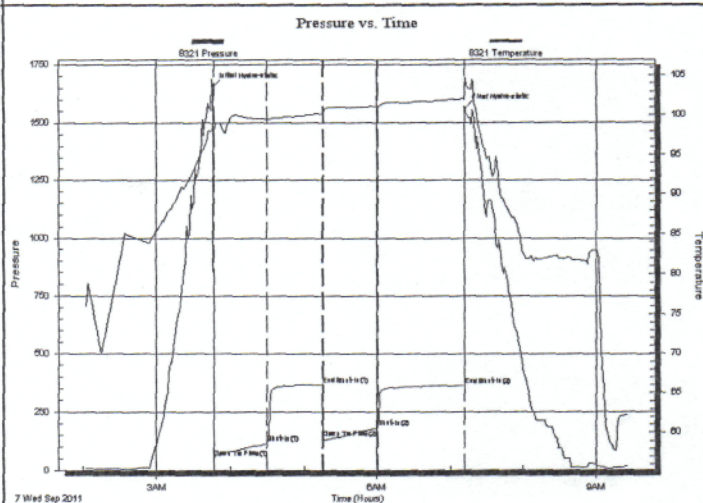
Capacity: 8000.00 psig

Last Calib.: 2011.09.07

Time On Btm: 2011.09.07 @ 03:46:01

Time Off Btm: 2011.09.07 @ 07:12:31

TEST COMMENT: IFF-Strong blow BOB in 4 min
ISI-Fair blow back built to 8 in
FFP-Strong blow BOB in 4 min
FSI-Fair blow back built to 10 in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1655.51	98.45	Initial Hydro-static
1	54.86	98.24	Open To Flow (1)
44	116.27	99.49	Shut-In(1)
90	368.84	100.23	End Shut-In(1)
90	139.39	100.11	Open To Flow (2)
135	181.45	101.14	Shut-In(2)
206	364.11	102.06	End Shut-In(2)
207	1563.40	104.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	OOGM 20%O40%G40%M	0.88
189.00	HOOGM 35%O50%G15%M	2.65
157.00	Gassy Oil 10%G90%O	2.20
0.00	2110 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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8411 Preton Rd
ste 800 Dallas Tx 75225+5520

ATTN: Allen Bangert

Flegler B #4

11-15s-14w-Russell

Job Ticket: 44627

DST#: 5

Test Start: 2011.09.07 @ 16:56:19

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 18:17:19

Time Test Ended: 22:54:49

Test Type: **Conventional Bottom Hole**

Tester: **Jeff Brown**

Unit No: **44**

Interval: **3253.00 ft (KB) To 3290.00 ft (KB) (TVD)**

Total Depth: **3290.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1847.00 ft (KB)**

1840.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 8321

Inside

Press@RunDepth: **556.87 psig @ 3258.00 ft (KB)**

Start Date: **2011.09.07**

End Date:

2011.09.07

Start Time: **16:56:20**

End Time:

22:53:49

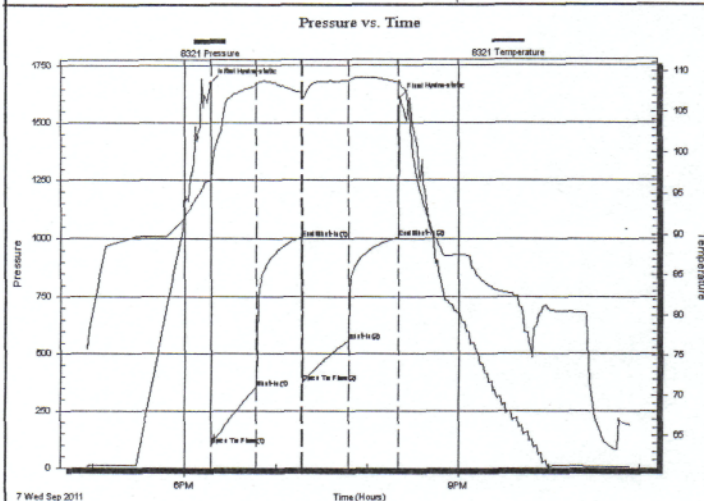
Capacity: **8000.00 psig**

Last Calib.: **2011.09.07**

Time On Btm: **2011.09.07 @ 18:16:49**

Time Off Btm: **2011.09.07 @ 20:21:19**

TEST COMMENT: IFF-Strong blow BOB in 2 min
ISI-Fair blow back built to 4 in
FFP-Strong blow BOB in 1 1/2 min
FSI-Weak surface blow back built to 1/2 in



PRESSURE SUMMARY

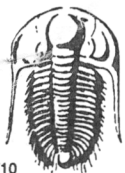
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1673.60	96.70	Initial Hydro-static
1	99.83	96.49	Open To Flow (1)
30	351.78	108.39	Shut-In(1)
60	1002.05	107.46	End Shut-In(1)
60	375.39	107.10	Open To Flow (2)
91	556.87	108.92	Shut-In(2)
124	1005.02	108.72	End Shut-In(2)
125	1609.97	108.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	OOGM 10%O20%G70%M	0.88
283.00	MCOG 5%M30%G65%O	3.97
1134.00	Gassy Oil 40%G60%O	15.91
0.00	157 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
SEP 08 2011

Test Ticket

NO. 039748

16304

BY: _____

Well Name & No. Flegler B #4 Test No. 1 Date 9-4-11
Company Maj Oil Operations INC Elevation 1847 KB 1840 GL
Address 8411 Preston RD Ste 800 Dallas TX 75225 + 5520
Co. Rep / Geo. JIM Masgove Rig South Wind Rig #3
Location: Sec. 11 Twp. 15 S Rge. 14 W Co. Russell State KS

Interval Tested 2398-2450 Zone Tested Tarkio
Anchor Length 52 Drill Pipe Run 2246 Mud Wt. 9.0
Top Packer Depth 2393 Drill Collars Run 118 Vis 6.7
Bottom Packer Depth 2398 Wt. Pipe Run 0 WL 8.8
Total Depth 2450 Chlorides 1200 ppm System LCM NA

Blow Description FP GOOD Blow BOB IN 23 min
ISI- Dead No Blow Back
FP GOOD Blow BOB IN 10 min
ISI- Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
31	VSOCM	3		97	
57	OCCM	10	20		70
	283 GIP				

Rec Total 88 BHT 92 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic	<u>1177</u>	☒ Test	<u>1125</u>	T-On Location	<u>7:59</u>
(B) First Initial Flow	<u>44 41</u>	☐ Jars		T-Started	<u>8:52</u>
(C) First Final Flow	<u>347 54</u>	☐ Safety Joint		T-Open	<u>10:35</u>
(D) Initial Shut-In	<u>5 347</u>	☐ Circ Sub		T-Pulled	<u>13:35</u>
(E) Second Initial Flow	<u>49</u>	☐ Hourly Standby		T-Out	<u>15:05</u>
(F) Second Final Flow	<u>73</u>	☒ Mileage	<u>70 RT 98</u>	Comments	
(G) Final Shut-In	<u>287</u>	☐ Sampler			
(H) Final Hydrostatic	<u>1120</u>	☐ Straddle		☐ Ruined Shale Packer	

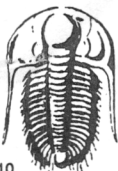
Initial Open	<u>45</u>	☐ Shale Packer	☐ Ruined Packer
Initial Shut-In	<u>45</u>	☐ Extra Packer	☐ Extra Copies
Final Flow	<u>45</u>	☐ Extra Recorder	Sub Total <u>200.04</u>
Final Shut-In	<u>45</u>	☒ Day Standby <u>1 day + 6 hrs</u>	Total <u>1423.04</u>
		☐ Accessibility	MP/DST Disc't _____
		Sub Total <u>1223</u>	

Approved By _____

Our Representative

Jeff Brown

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED

SEP 08 2011

Test Ticket

NO. 039749

Well Name & No.

Flegler B #4

Test No.

2

Date

9-5-11

Company

Maj OIT Operations INC

Elevation

1847

KB

1840

GL

Address

8411 Preston Rd Ste 800 Dallas TX 75225-5520

Co. Rep / Geo.

JIM M49grove

Rig

Southwind Rig #3

Location: Sec.

11

Twp.

15S

Rge.

14W

Co.

Russell

State

KS

Interval Tested

3032-3080

Zone Tested

LANSING-A+B

Anchor Length

48

Drill Pipe Run

3021

Mud Wt.

9.2

Top Packer Depth

3027

Drill Collars Run

0

Vis

6.0

Bottom Packer Depth

3032

Wt. Pipe Run

0

WL

9.2

Total Depth

3080

Chlorides

3000

ppm System

LCM

NA

Blow Description

FP-Weak Blow BUILT TO 2 IN

BI-Dead No Blow Back

FP-Weak Blow BUILT TO 1 1/2 IN

BI-Dead No Blow Back

Rec

33

Feet of

SOC M

%gas

5

%oil

%water

95%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

33

BHT

100

Gravity

API RW

@

°F

Chlorides

ppm

(A) Initial Hydrostatic

1535

☒ Test

1125

T-On Location

21:06

(B) First Initial Flow

39

☐ Jars

T-Started

21:18

(C) First Final Flow

50

☐ Safety Joint

T-Open

22:30

(D) Initial Shut-In

345

☐ Circ Sub

T-Pulled

1:00

(E) Second Initial Flow

52

☐ Hourly Standby

T-Out

2:24

(F) Second Final Flow

54

☒ Mileage

70 RT 98

Comments

(G) Final Shut-In

343

☐ Sampler

(H) Final Hydrostatic

1452

☐ Straddle

☐ Ruined Shale Packer

Initial Open

30

☐ Shale Packer

☐ Ruined Packer

Initial Shut-In

30

☐ Extra Packer

☐ Extra Copies

Final Flow

45

☐ Extra Recorder

Sub Total

0

Final Shut-In

45

☐ Day Standby

Total

1223

☐ Accessibility

MP/DST Disc't

Sub Total

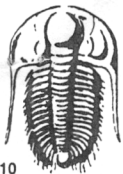
1223

Approved By

Our Representative

Jeff Brown

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
SEP 08 2011

Test Ticket

NO. 039750

BY: _____

Well Name & No. Flegler B #4 Test No. 3 Date 9-2-11
 Company Mai Oil Operations INC Elevation 1347 KB 1340 GL
 Address 8411 Preston RD Ste 800 Dallas TX 75225 + 5520
 Co. Rep / Geo. Jim Mysgrove Rig SOUTHWIND #3
 Location: Sec. 11 Twp. 15 S Rge. 14 W Co. Russell State KS

Interval Tested 3093 - 3134 Zone Tested LANSING-D-G
 Anchor Length 43 Drill Pipe Run 3084 Mud Wt. 9.2
 Top Packer Depth 3088 Drill Collars Run 0 Vis 58
 Bottom Packer Depth 3093 Wt. Pipe Run 0 WL 9.2
 Total Depth 3134 Chlorides 5000 ppm System LCM 1/4

Blow Description FP-Strong Blow Bob IN 3 min
ISI-Weak Blow Back Built To 2 IN
FP-Strong Blow Bob IN 3 1/2 min
ISI-Weak Blow Back Built To 3 IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>Lo3</u>	<u>MW WITH A SCUM OF oil</u>			<u>80</u>	<u>20</u>
<u>Lo3</u>	<u>OCCGMW</u>	<u>10</u>	<u>10</u>	<u>50</u>	<u>30</u>
<u>20</u>	<u>OCCGM</u>	<u>10</u>	<u>20</u>	<u>2</u>	<u>68</u>
<u>Lo3</u>	<u>HOCGM</u>	<u>40</u>	<u>30</u>	<u>10</u>	<u>20</u>
<u>Rec</u>	<u>Feet of 1271 GIP</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>

Rec Total 209 BHT 103 Gravity _____ API RW 1161 @ 87.4 °F Chlorides 36,000 ppm

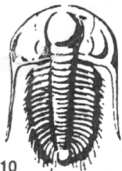
(A) Initial Hydrostatic 1555 ☒ Test 1125 T-On Location 9:12
 (B) First Initial Flow 35 ☐ Jars _____ T-Started 10:03
 (C) First Final Flow 69 ☐ Safety Joint _____ T-Open 11:40
 (D) Initial Shut-In 397 ☐ Circ Sub _____ T-Pulled 14:40
 (E) Second Initial Flow 82 ☐ Hourly Standby _____ T-Out 16:37
 (F) Second Final Flow 108 ☒ Mileage TORT 98 Comments _____
 (G) Final Shut-In 372 ☐ Sampler _____
 (H) Final Hydrostatic 1510 ☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____

Initial Open 45 Sub Total 0
 Initial Shut-In 45 Total 1223
 Final Flow 45 MP/DST Disc't _____
 Final Shut-In 45

Sub Total 1223

Approved By _____ Our Representative Jeff Brown

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
SEP 08 2011

Test Ticket

NO. 44626

Well Name & No. Flegler B #4 BY: _____ Test No. 4 Date 9-7-11
Company Maj Oil Operations INC Elevation 1847 KB 1840 GL
Address 8411 Preston Rd Ste 800 Dallas TX 75225+5520
Co. Rep / Geo. Jim Musgrove Rig Southwind #3
Location: Sec. 11 Twp. 15S Rge. 14W Co. Russell State KS

Interval Tested 3186-3250 Zone Tested LKC-I+J
Anchor Length 64 Drill Pipe Run 3177 Mud Wt. 9.2
Top Packer Depth 3181 Drill Collars Run 0 Vis 58
Bottom Packer Depth 3186 Wt. Pipe Run 0 WL 9.2
Total Depth 3250 Chlorides 5000 ppm System LCM 1/4

Blow Description FF-Strong Blow BOB IN 4min
ISI-Fair Blow Built To 8 IN
FF-Strong Blow BOB IN 4min
ISI-Fair Blow Built To 10 IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>63</u>	<u>OCCm</u>	<u>40</u>	<u>20</u>	<u>40</u>	<u>0</u>
<u>139</u>	<u>HOCm</u>	<u>50</u>	<u>35</u>	<u>15</u>	<u>0</u>
<u>157</u>	<u>CASSY oil</u>	<u>10</u>	<u>90</u>	<u>0</u>	<u>0</u>
Rec	Feet of <u>2110-GIP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 509 BHT 102 Gravity 42 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic	(B) First Initial Flow	(C) First Final Flow	(D) Initial Shut-In	(E) Second Initial Flow	(F) Second Final Flow	(G) Final Shut-In	(H) Final Hydrostatic
<u>11654</u>	<u>55</u>	<u>116</u>	<u>369</u>	<u>139</u>	<u>181</u>	<u>364</u>	<u>1563</u>

☒ Test 1125
☐ Jars _____
☐ Safety Joint _____
☐ Circ Sub _____
☐ Hourly Standby _____
☒ Mileage 70 RT 98
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
Sub Total 1223

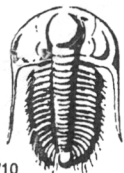
T-On Location 1:23
T-Started 2:02
T-Open 3:46
T-Pulled 7:01
T-Out 9:26
Comments _____
☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
Sub Total 0
Total 1223
MP/DST Disc't _____

Initial Open 45
Initial Shut-In 45
Final Flow 45
Final Shut-In 60

Approved By _____

Our Representative Jeff Brown

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
SEP 08 2011

Test Ticket

NO. 44627

4/10

BY: _____

Well Name & No. Fleaker B #4 Test No. 5 Date 9-7-11
Company Mai Oil Operations INC Elevation 1847 KB 1840 GL
Address 8411 Preston RD ste 300 Dallas TX 75225+5520
Co. Rep / Geo. Jim Musgrave Rig Southwind Rig #3
Location: Sec. 11 Twp. 15S Rge. 14W Co. Russell State KS

Interval Tested 3253-3290 Zone Tested AR Buckle
Anchor Length 37 Drill Pipe Run 3241 Mud Wt. 9.4
Top Packer Depth 3248 Drill Collars Run 0 Vis 5L
Bottom Packer Depth 3253 Wt. Pipe Run 0 WL 8.8
Total Depth 3290 Chlorides 5000 ppm System LCM 1/4

Blow Description IFP Strong Blow BOB IN 2 min
ISI - Fair Blow Back Built TO 4 IN
IFP Strong Blow BOB IN 1 1/2 min
FSI - Weak Surface Blow Back Built TO 1/2 IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>63</u>	<u>OCGM</u>	<u>20</u>	<u>10</u>	<u>70</u>	<u></u>
<u>283</u>	<u>MC GO</u>	<u>30</u>	<u>65</u>	<u>5</u>	<u></u>
<u>1134</u>	<u>CASSY O.I</u>	<u>70</u>	<u>60</u>	<u></u>	<u></u>
<u></u>	<u>157-GIP</u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

Rec Total 1480 BHT 109 Gravity 320 API RW @ °F Chlorides ppm

Test	Value	Test	Value
(A) Initial Hydrostatic	<u>14674</u>	☒ Test	<u>1125</u>
(B) First Initial Flow	<u>100</u>	☐ Jars	<u></u>
(C) First Final Flow	<u>352</u>	☐ Safety Joint	<u></u>
(D) Initial Shut-In	<u>1002</u>	☐ Circ Sub	<u></u>
(E) Second Initial Flow	<u>375</u>	☐ Hourly Standby	<u></u>
(F) Second Final Flow	<u>557</u>	☒ Mileage	<u>70 RT 98</u>
(G) Final Shut-In	<u>1005</u>	☐ Sampler	<u></u>
(H) Final Hydrostatic	<u>1610</u>	☐ Straddle	<u></u>

T-On Location 16:17
T-Started 16:56
T-Open 18:17
T-Pulled 20:17
T-Out 22:54
Comments

Initial Open 30
Initial Shut-In 30
Final Flow 30
Final Shut-In 30

Sub Total 1223 MP/DST Disc't

Approved By _____ Our Representative Jeff Brown

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