

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED

JUN 29 2010

Test Ticket

NO. 039076 14434

Well Name & No. Murphy 1-24 Test No. 1 Date 6-19-10
 Company Lario Oil & Gas Elevation 3035 KB 3025 GL
 Address 301 S. Market Wichita, KS 67202
 Co. Rep / Geo. Pat Deenihan Rig Duke 4
 Location: Sec. 24 Twp. 11S Rge. 32W Co. Logan State KS

Interval Tested 4072 4098 Zone Tested Lansing B
 Anchor Length 26 Drill Pipe Run 4065 Mud Wt. 8.6
 Top Packer Depth 4067 Drill Collars Run — Vis 48
 Bottom Packer Depth 4072 Wt. Pipe Run — WL 7.2
 Total Depth 4098 Chlorides 1000 ppm System LCM 1

Blow Description IF: 1/4 blow died in 26 min.
IS: No return.
FF: No blow
FS No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>MLW</u>		<u>95</u>	<u>5</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 62 BHT 122 Gravity — API RW 17 @ 98° F Chlorides 29,000 ppm

(A) Initial Hydrostatic 2029
 (B) First Initial Flow 32
 (C) First Final Flow 37
 (D) Initial Shut-In 1224
 (E) Second Initial Flow 42
 (F) Second Final Flow 49
 (G) Final Shut-In 1207
 (H) Final Hydrostatic 1981

☒ Test 1225.00
☐ Jars —
☒ Safety Joint 75.00
☒ Circ Sub N/L
☐ Hourly Standby —
☒ Mileage 96 - 120.00

T-On Location 6:40
 T-Started 7:41
 T-Open 9:45
 T-Pulled 12:45
 T-Out 15:05

Comments —

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

☐ Sampler —
☐ Straddle —
☐ Shale Packer —
☐ Extra Packer —
☐ Extra Recorder —
☐ Day Standby —
☐ Accessibility —

☐ Ruined Shale Packer —
☐ Ruined Packer —
☐ Extra Copies —
 Sub Total 0
 Total 1420

Sub Total 1420

MP/DST Disc't —

Approved By —

Our Representative BT

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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Test Ticket

NO. 039077

RECEIVED
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Well Name & No. Maurath 1-24 Test No. 2 Date 6-19-10
 Company L9510 oil & gas Elevation 3035 KB 3025 GL
 Address 301 S. Market Wichita, KS 67202
 Co. Rep / Geo. Port Deenihan Rig Puke 4
 Location: Sec. 24 Twp. 11S Rge. 32W Co. Logan State KS

Interval Tested 4123 4134 Zone Tested Lmsing D
 Anchor Length 11 Drill Pipe Run 4126 Mud Wt. 9.2
 Top Packer Depth 4118 Drill Collars Run — Vis 54
 Bottom Packer Depth 4123 Wt. Pipe Run — WL 8.0
 Total Depth 4134 Chlorides 1200 ppm System LCM 1

Blow Description IF: surface blow died in 2 min.
IS: No return.
FF: No blow.
FS: No return.

Rec <u>1</u>	Feet of <u>mud</u>	%gas	%oil	%water <u>100</u>	%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 1 BHT 117 Gravity — API RW — @ — °F Chlorides — ppm

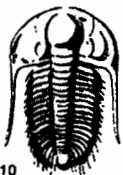
(A) Initial Hydrostatic 2028 ☒ Test 1225.00 T-On Location 23:15
 (B) First Initial Flow 34 ☐ Jars — T-Started 23:59
 (C) First Final Flow 22 ☒ Safety Joint 75.00 T-Open 1:50
 (D) Initial Shut-In 21 ☒ Circ Sub N/C T-Pulled 3:50
 (E) Second Initial Flow 21 ☐ Hourly Standby — T-Out 5:35
 (F) Second Final Flow 20 ☒ Mileage 96-120.00 Comments —
 (G) Final Shut-In 20 ☐ Sampler —
 (H) Final Hydrostatic 2004 ☐ Straddle —

Initial Open 30 ☐ Ruined Shale Packer —
 Initial Shut-In 30 ☐ Ruined Packer —
 Final Flow 30 ☐ Extra Copies —
 Final Shut-In 30 ☐ Extra Recorder — Sub Total 0
☐ Day Standby — Total 1420
☐ Accessibility — MP/DST Disc't —
 Sub Total 1420

Approved By Patrick J. Deenihan

Our Representative [Signature]

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RECEIVED
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Test Ticket

NO. 039078

Well Name & No. Maurgth 1-24 Test No. 3 Date 6-20-10
 Company LORD OIL & GAS Elevation 3035 KB 3025 GL
 Address 301 S. Market Wichita, KS 67202
 Co. Rep / Geo. Pat Deenihan Rig Duke 4
 Location: Sec. 24 Twp. 11S Rge. 32W Co. Logan State KS

Interval Tested 4186 4255 Zone Tested Lansing H-I
 Anchor Length 69 Drill Pipe Run 4191 Mud Wt. 9.2
 Top Packer Depth 4181 Drill Collars Run — Vis 55
 Bottom Packer Depth 4186 Wt. Pipe Run — WL 8.8
 Total Depth 4255 Chlorides 2000 ppm System LCM 1
 Blow Description IF: 1/4 blow died in 8 min.
IS: No return.
FF: NO blow.
FS: No return.

Rec <u>20</u>	Feet of <u>mud oil spots</u>	%gas	%oil	%water	<u>100%</u> 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 20 BHT 120 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2076 ☒ Test 1225.00
 (B) First Initial Flow 35 ☐ Jars —
 (C) First Final Flow 29 ☒ Safety Joint 75.00
 (D) Initial Shut-In 1060 ☒ Circ Sub N/C
 (E) Second Initial Flow 32 ☐ Hourly Standby —
 (F) Second Final Flow 32 ☒ Mileage 96-120.00
 (G) Final Shut-In 952 ☐ Sampler —
 (H) Final Hydrostatic 2047 ☐ Straddle —

T-On Location 20:00
 T-Started 20:15
 T-Open 22:07
 T-Pulled 1:07
 T-Out 3:10
 Comments —

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

☐ Shale Packer —
☐ Extra Packer —
☐ Extra Recorder —
☐ Day Standby —
☐ Accessibility —
 Sub Total 1420

☐ Ruined Shale Packer —
☐ Ruined Packer —
☐ Extra Copies —
 Sub Total 0
 Total 1420
 MP/DST Disc't —

Approved By —

Our Representative —

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P.O. Box 1733 • Hays, Kansas 67601

BY: _____

Test Ticket

NO. 039079

JUN 29 2010

Well Name & No. Maurath 1-24 Test No. 4 Date 6-20-10
 Company Lrio oil & Gas Elevation 3035 KB 3025 GL
 Address 301 S. Market Wichita, KS 67202
 Co. Rep / Geo. Pat Deenihan Rig Duke 4
 Location: Sec. 24 Twp. 11S Rge. 32W Co. Logan State KS

Interval Tested 4245 4280 Zone Tested Lmsing J
 Anchor Length 35 Drill Pipe Run 4253 Mud Wt. 9.2
 Top Packer Depth 4240 Drill Collars Run — Vis 55
 Bottom Packer Depth 4245 Wt. Pipe Run — WL 8.8
 Total Depth 4280 Chlorides 2000 ppm System LCM 1
 Blow Description IF: Packer failed & open.

Rec	Feet of	%gas	%oil	%water	%mud
<u>112</u>	<u>mud</u>			<u>100</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

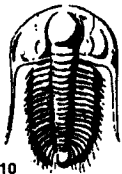
Rec Total 112 BHT 115 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2130</u>	☒ Test <u>1025.00</u>	T-On Location <u>9:30</u>
(B) First Initial Flow <u>1950</u>	☐ Jars	T-Started <u>10:02</u>
(C) First Final Flow	☒ Safety Joint <u>75.00</u>	T-Open <u>11:50</u>
(D) Initial Shut-In	☒ Circ Sub <u>N/C</u>	T-Pulled <u>12:00</u>
(E) Second Initial Flow	☐ Hourly Standby	T-Out <u>14:10</u>
(F) Second Final Flow	☒ Mileage <u>96-120.00</u>	Comments
(G) Final Shut-In	☐ Sampler	
(H) Final Hydrostatic <u>2129</u>	☐ Straddle	

Initial Open <u>—</u>	☐ Shale Packer	☐ Ruined Shale Packer
Initial Shut-In <u>—</u>	☐ Extra Packer	☐ Ruined Packer
Final Flow <u>—</u>	☐ Extra Recorder	☐ Extra Copies
Final Shut-In <u>—</u>	☐ Day Standby	Sub Total <u>0</u>
	☐ Accessibility	Total <u>1220</u>
	Sub Total <u>1220</u>	MP/DST Disc't

Approved By _____ Our Representative [Signature]

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TESTING INC.**

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RECEIVED
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Test Ticket

NO. 039080

Well Name & No. Maurerth 1-24 Test No. 5 Date 6-21-10
Company Lorio oil & Gas Elevation 3035 KB 3025 GL
Address 301 S. Market Wichita, KS 67202
Co. Rep / Geo. Pat Deenihan Rig Duke 4
Location: Sec. 24 Twp. 11S Rge. 32W Co. Logan State KS

Interval Tested 4233 4280 Zone Tested Lmsing J
Anchor Length 47 Drill Pipe Run 4222 Mud Wt. 9.2
Top Packer Depth 4228 Drill Collars Run — Vis 55
Bottom Packer Depth 4233 Wt. Pipe Run — WL 8.8
Total Depth 4280 Chlorides 2000 ppm System LCM 1

Blow Description IF: 1/4 blow built to 4 in 30 min.
IS: No return.
FF: Surface blow built to 4 in 45 min.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>236</u>	<u>MLW Trace of oil</u>		<u>85</u>	<u>15</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 236 BHT 123 Gravity — API RW .1 @ 80 °F Chlorides 58,000 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>2154</u>	<u>36</u>	<u>54</u>	<u>1119</u>	<u>64</u>	<u>85</u>	<u>131</u>	<u>2080</u>

Test	Jars	Safety Joint	Circ Sub	Hourly Standby	Mileage	Sampler	Straddle	Shale Packer	Extra Packer	Extra Recorder	Day Standby	Accessibility
<u>1225.00</u>		<u>75.00</u>	<u>N/L</u>		<u>—</u>							

T-On Location	T-Started	T-Open	T-Pulled	T-Out
<u>9:30</u>	<u>14:24</u>	<u>15:48</u>	<u>19:33</u>	<u>21:35</u>

Initial Open 30
Initial Shut-In 60
Final Flow 45
Final Shut-In 90

Comments —
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 1300
MP/DST Disc't —
Sub Total 1300

Approved By

Patrick Deenihan

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Test Ticket

No. 039081

JUN 29 2010

Well Name & No. Maurath 1-24 Test No. 6 Date 6-23-10
 Company Lario Oil & Gas Elevation 3035 KB 3025 GL
 Address 301 S. Market Wichita, KS 67202
 Co. Rep / Geo. Pat Deenihan Rig Duke 4
 Location: Sec. 24 Twp. 11S Rge. 32W Co. Logan State KS

Interval Tested 4475 4542 Zone Tested Fr. Scott
 Anchor Length 67 Drill Pipe Run 4473 Mud Wt. 9.3
 Top Packer Depth 4470 Drill Collars Run — Vis 57
 Bottom Packer Depth 4475 Wt. Pipe Run — WL 8.0
 Total Depth 4542 Chlorides 2000 ppm System LCM 1

Blow Description #F: Surface blow died in 4 min.
IS: No return.
FF: NO blow.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</u>			<u>100</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 5 BHT 121 Gravity — API RW — @ — °F Chlorides — ppm

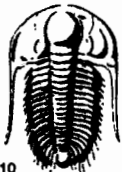
(A) Initial Hydrostatic	<u>2236</u>	☒ Test	<u>1225.00</u>	T-On Location	<u>1:20</u>
(B) First Initial Flow	<u>34</u>	☐ Jars		T-Started	<u>1:49</u>
(C) First Final Flow	<u>32</u>	☒ Safety Joint	<u>75.00</u>	T-Open	<u>3:28</u>
(D) Initial Shut-In	<u>522</u>	☒ Circ Sub	<u>N/C</u>	T-Pulled	<u>5:28</u>
(E) Second Initial Flow	<u>35</u>	☐ Hourly Standby		T-Out	<u>7:25</u>
(F) Second Final Flow	<u>30</u>	☒ Mileage	<u>96-120.00</u>	Comments	
(G) Final Shut-In	<u>332</u>	☐ Sampler			
(H) Final Hydrostatic	<u>2230</u>	☐ Straddle		☐ Ruined Shale Packer	

Initial Open	<u>30</u>	☐ Shale Packer		☐ Ruined Packer	
Initial Shut-In	<u>30</u>	☐ Extra Packer		☐ Extra Copies	
Final Flow	<u>30</u>	☐ Extra Recorder		Sub Total	<u>8</u>
Final Shut-In	<u>30</u>	☐ Day Standby		Total	<u>1420</u>
		☐ Accessibility		MP/DST Disc't	
		Sub Total	<u>1420.00</u>		

Approved By Patrick J. Deenihan

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Test Ticket

No. 039082

JUN 29 2010

BY:

Well Name & No. Maurath 1-24 Test No. 7 Date 6-23-10
 Company Lario Oil & Gas Elevation 3035 KB 3025 GL
 Address 301 S. Market Wichita, KS 67202
 Co. Rep / Geo. Pat Deenihan Rig Duke 4
 Location: Sec. 24 Twp. 11S Rge. 32W Co. Logan State KS

Interval Tested 4599 4622 Zone Tested Johnson
 Anchor Length 23 Drill Pipe Run 4596 Mud Wt. 9.4
 Top Packer Depth 4594 Drill Collars Run — Vis 50
 Bottom Packer Depth 4599 Wt. Pipe Run — WL 8.8
 Total Depth 4622 Chlorides 2500 ppm System LCM 1

Blow Description IF: 1/4 blow died in 11 min.

IS: No return.

FF: No blow.

FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud oil spot</u>			<u>100</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 5 BHT 120 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2281 ☒ Test 1225.00
 (B) First Initial Flow 36 ☐ Jars —
 (C) First Final Flow 25 ☒ Safety Joint 75.00
 (D) Initial Shut-In 27 ☒ Circ Sub N/L
 (E) Second Initial Flow 25 ☐ Hourly Standby —
 (F) Second Final Flow 22 ☒ Mileage 96-120.00
 (G) Final Shut-In 23 ☐ Sampler —
 (H) Final Hydrostatic 2243 ☐ Straddle —

T-On Location 20:00
 T-Started 20:55
 T-Open 22:44
 T-Pulled 00:44
 T-Out 2:35

Comments —

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

☐ Shale Packer —
☐ Extra Packer —
☐ Extra Recorder —
☐ Day Standby —
☐ Accessibility —

☐ Ruined Shale Packer —
☐ Ruined Packer —
☐ Extra Copies —
 Sub Total 0
 Total 1420
 MP/DST Disc't —

Sub Total 1420

Approved By Patricia Deenihan

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