

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 04003415253

Well Name & No. Hegke #4 #6-1 Test No. 1 Date 1-11-11
 Company Maralex Resources Elevation 2566 KB 2562 GL
 Address 285 Goddard Ave P.O. Box 336 Ingando Co 81137
 Co. Rep / Geo. Clayton Erickson Rig American Eagle
 Location: Sec. 6 Twp. 7 Rge. 25W Co. Franklin State KS

Interval Tested 3702 3735 Zone Tested LK-C-C
 Anchor Length 33 Drill Pipe Run _____ Mud Wt. 9.0
 Top Packer Depth 3697 Drill Collars Run 0 Vis 58
 Bottom Packer Depth 3702 Wt. Pipe Run 0 WL 7.2
 Total Depth 3735 Chlorides 700 ppm System LCM 2

Blow Description IF: Fair blow built to B.O.B over 10 mins.
ISI: Bled off, blow back after 5 mins, weak surface, died in 20 mins
FF: weak blow, built to 3 in over 15 mins. started to die, died to 2 1/2 movers.
FST: Bled off, NO blow back over 100 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>124</u>	<u>WCM</u>			<u>15</u>	<u>85</u>
<u>676</u>	<u>MCW</u>			<u>90</u>	<u>10</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 800 BHT _____ Gravity _____ API RW 40 °F Chlorides 30,000 ppm
 (A) Initial Hydrostatic 1827 ☒ Test 1125 T-On Location 18:20
 (B) First Initial Flow 23 ☒ Jars 250 T-Started 17:25
 (C) First Final Flow 145 ☒ Safety Joint 75 T-Open 20:05
 (D) Initial Shut-In 1198 ☐ Circ Sub _____ T-Pulled 23:55
 (E) Second Initial Flow 148 ☐ Hourly Standby 2 1/4 hrs 225 T-Out 305
 (F) Second Final Flow 346 ☒ Mileage 52 x 2 = 104 x 1.25 = 130 Comments _____
 (G) Final Shut-In 1199 ☐ Sampler _____
 (H) Final Hydrostatic 1746 ☐ Straddle _____

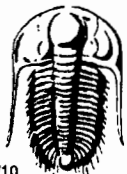
Initial Open 25
 Initial Shut-In 50
 Final Flow 50
 Final Shut-In 100

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 1805
 MP/DST Disc't _____
 Sub Total 1805

Approved By _____

Our Representative Chris [Signature]

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

Test Ticket

NO. 040035

Well Name & No. Heslett #6-1 Test No. 2 Date 1-12-11
 Company Maralex Resources Elevation 2566 KB 2562 GL
 Address 785 Gaddard Ave P.O. BOX 338 Ingancio Co. 81137
 Co. Rep / Geo. Clayton Erickson Rig American Eagle 3
 Location: Sec. 6 Twp. 7 Rge. 25W Co. Grant State KS

Interval Tested 3750 3783 Zone Tested LKC-E-6
 Anchor Length 33 Drill Pipe Run 3712 Mud Wt. 9.0
 Top Packer Depth 3745 Drill Collars Run 30 Vis 54
 Bottom Packer Depth 3750 Wt. Pipe Run - 0 - WL 7.4
 Total Depth 3783 Chlorides 900 ppm System LCM 2#

Blow Description FFi Fair Blow, Built to B.O.B in 13 mins.

ISI: No blow back over 30 mins

FFi Weak surface, didn't blow thru 30mins

FSI: No blow back over 60mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>wcm</u>			<u>10</u>	<u>90</u>
<u>124</u>	<u>wcm</u>			<u>50</u>	<u>50</u>
<u>92</u>	<u>mcw</u>			<u>80</u>	<u>20</u>

Rec Total 246 BHT 113 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1863
 (B) First Initial Flow 19
 (C) First Final Flow 76
 (D) Initial Shut-In 1221
 (E) Second Initial Flow 79
 (F) Second Final Flow 147
 (G) Final Shut-In 1223
 (H) Final Hydrostatic 1826

☒ Test 1125
☒ Jars 250
☒ Safety Joint 75
☐ Circ Sub _____
☐ Hourly Standby _____
☒ Mileage 52 x 2 = 104 x 1.25
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
 Sub Total 1580

T-On Location 16:50
 T-Started 18:45
 T-Open 20:09
 T-Pulled 22:22
 T-Out 00:40

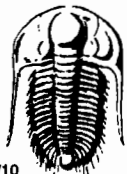
Comments 130

☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
 Sub Total 0
 Total 1580
 MP/DST Disc't _____

Initial Open 15
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 60

Approved By _____ Our Representative Chuck Perry

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Test Ticket

NO. 040036

Well Name & No. Maralex Resources Heskett #6-1 Test No. 3 Date 04-13-11
 Company Maralex Resources Elevation 2566 KB 2562 GL
 Address 785 Goddard Ave P.O. Box 338 Englewood Co. 81131
 Co. Rep / Geo. Clayton Erickson Rig American Eagle #3
 Location: Sec. 6 Twp. 7 Rge. 25W Co. Grant State KS

Interval Tested 3826 3857 Zone Tested UKC-5
 Anchor Length 31 Drill Pipe Run 0 Mud Wt. 9.0
 Top Packer Depth 3821 Drill Collars Run 30 Vis 54
 Bottom Packer Depth 3826 Wt. Pipe Run 0 WL 7.4
 Total Depth 3857 Chlorides 900 ppm System LCM 24

Blow Description IF: Weak surface blow over 15 mins

ISI: No blow back over 30 mins

FF: No blow over 15 mins

FSI: No blow back over 30 mins

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud with oil specs</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 15 BHT 107 Gravity 11.25 API RW 250 @ 75 °F Chlorides 1830 ppm

(A) Initial Hydrostatic 1900

(B) First Initial Flow 16

(C) First Final Flow 21

(D) Initial Shut-In 1248

(E) Second Initial Flow 22

(F) Second Final Flow 27

(G) Final Shut-In 1247

(H) Final Hydrostatic 1837

☒ Test 11.25

☒ Jars 250

☒ Safety Joint 75

☐ Circ Sub

☐ Hourly Standby 2 1/2 hrs 250

☒ Mileage 52 x 2 = 104 x 1.25 = 130

☐ Sampler

☐ Straddle

☐ Shale Packer

☐ Extra Packer

☐ Extra Recorder

☐ Day Standby

☐ Accessibility

Sub Total 1830

T-On Location 11:30

T-Started 17:35

T-Open 19:22

T-Pulled 20:55

T-Out 23:07

Comments waited on rig for

6 hours. Before starting

test. Rig Problems

☐ Ruined Shale Packer

☐ Ruined Packer

☐ Extra Copies

Sub Total 28

Total 1830

MP/DST Disc't

Initial Open 15

Initial Shut-In 30

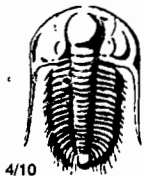
Final Flow 15

Final Shut-In 30

Approved By _____

Our Representative _____

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Test Ticket

NO. 040031

BY: _____

Well Name & No. <u>Heskest # 6-1</u>	Test No. <u>4</u>	Date <u>01-14-11</u>
Company <u>Maralex Resources</u>	Elevation <u>2566</u>	KB <u>2562</u> GL
Address <u>785 Goddard Ave. P.O. Box 338 Ingando Co. 81137</u>		
Co. Rep / Geo. <u>Clyton Erickson</u>	Rig <u>American Eagle #3</u>	
Location: Sec. <u>6</u> Twp. <u>7</u> Rge. <u>25W</u> Co. <u>Crawk</u> State <u>KS</u>		

Interval Tested <u>3855</u> <u>3880</u>	Zone Tested <u>LK-H</u>	
Anchor Length <u>25</u>	Drill Pipe Run <u>3837</u>	Mud Wt. <u>9.0</u>
Top Packer Depth <u>3850</u>	Drill Collars Run <u>30</u>	Vis <u>51</u>
Bottom Packer Depth <u>3855</u>	Wt. Pipe Run <u>0-</u>	WL <u>7.4</u>
Total Depth <u>3880</u>	Chlorides <u>900</u> ppm System	LCM <u>2#</u>

Blow Description IF: Weak surface blow, over 15 mins

FSI: No blow back over 30 mins

FE: Weak surface blow after 10 mins. Never built after 15 mins

FSI: No blow back over 30 mins

Rec <u>10</u>	Feet of <u>mud with oil specs</u>	%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 10 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1969</u>	☒ Test <u>1125</u>	T-On Location <u>5:45</u>
(B) First Initial Flow <u>16</u>	☒ Jars <u>250</u>	T-Started <u>8:15</u>
(C) First Final Flow <u>21</u>	☒ Safety Joint <u>75</u>	T-Open <u>7:57</u>
(D) Initial Shut-In <u>1231</u>	☐ Circ Sub _____	T-Pulled <u>9:25</u>
(E) Second Initial Flow <u>23</u>	☐ Hourly Standby _____	T-Out <u>11:36</u>
(F) Second Final Flow <u>27</u>	☒ Mileage <u>52x2 = 104</u> <u>125 = 130</u>	Comments _____
(G) Final Shut-In <u>1221</u>	☐ Sampler _____	
(H) Final Hydrostatic <u>1845</u>	☐ Straddle _____	

Initial Open <u>15</u>	☐ Shale Packer _____	☐ Ruined Shale Packer _____
Initial Shut-In <u>30</u>	☐ Extra Packer _____	☐ Ruined Packer _____
Final Flow <u>15</u>	☐ Extra Recorder _____	Extra Copies _____
Final Shut-In <u>30</u>	☐ Day Standby _____	Sub Total <u>0</u>
	☐ Accessibility _____	Total <u>1580</u>
	Sub Total <u>1580</u>	MP/DST Disc't _____

Approved By _____ Our Representative Chris M...

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