

**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042833 15539

Well Name & No. Shepard Trust #2-25 Test No. 1 Date 3-26-11
 Company Abercrombie Energy, LLC Elevation 2056 KB 2046 GL
 Address 10209 W. Central, Suite 2, Wichita, KS, 67212
 Co. Rep / Geo. Larry Friend Rig Southwind #1
 Location: Sec. 25 Twp. 10s Rge. 18w Co. Rooks State KS

Interval Tested 3241-3310 Zone Tested Toronto - Lansing A
 Anchor Length 69' Drill Pipe Run 3234 Mud Wt. 8.9
 Top Packer Depth 3236 Drill Collars Run 0 Vis 46
 Bottom Packer Depth 3241 Wt. Pipe Run 0 WL 6.8
 Total Depth 3310 Chlorides 7,600 ppm System LCM 2#

Blow Description IFP- Weak Blow, Built to 3/4"
ISI- Dead

FFP- Dead, Flush Tool, Still Dead

FSI- Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</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 10 BHT 96° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1608 ☒ Test 1125' T-On Location 24135

(B) First Initial Flow 32 ☐ Jars _____ T-Started 1:47

(C) First Final Flow 33 ☒ Safety Joint 76' T-Open 4:20

(D) Initial Shut-In 735 ☐ Circ Sub _____ T-Pulled 5:55

(E) Second Initial Flow 33 ☐ Hourly Standby _____ T-Out 7:15

(F) Second Final Flow 36 ☒ Mileage 50RT 62.50 Comments _____

(G) Final Shut-In 376 ☐ Sampler _____

(H) Final Hydrostatic 1540 ☐ Straddle _____

☐ Shale Packer _____

☐ Extra Packer _____

☐ Extra Recorder _____

☐ Day Standby _____

☐ Accessibility _____

Sub Total 1262.50 MP/DST Disc't _____

Initial Open 5

Initial Shut-In 30

Final Flow 30

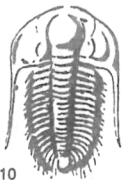
Final Shut-In 30

Approved By Larry Friend

Our Representative Jason Mc Lemmon

Triobite 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.

Thank You



**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042834

4/10

Well Name & No. Shepherd Trust # 2-25 Test No. 2 Date 3-26-11
 Company Abercrombie Energy, LLC Elevation 2056 KB 2046 GL
 Address 10209 W. Central, Suite 2, Wichita, Ks. 67212
 Co. Rep / Geo. Larry Friend Rig Southwind #1
 Location: Sec. 25 Twp. 10s Rge. 18w Co. Rocks State KS

Interval Tested 3304-3355 Zone Tested ~~S-D~~ B-D
 Anchor Length 51' Drill Pipe Run ~~3371~~ 3297 Mud Wt. 9.4
 Top Packer Depth 3299 Drill Collars Run 0 Vis 44
 Bottom Packer Depth 3304 Wt. Pipe Run 0 WL 9.6
 Total Depth 3355 Chlorides 4200 ppm System LCM 2#

Blow Description IFP - Kick on Open, Dead, Cameback with weak surface Blow
IST-Dead
FFP-Dead, Flush Tool, Surge then Dead
FSI-Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</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 10 BHT 94 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1643
 (B) First Initial Flow 32
 (C) First Final Flow 34
 (D) Initial Shut-In 556
 (E) Second Initial Flow 33
 (F) Second Final Flow 36
 (G) Final Shut-In 311
 (H) Final Hydrostatic 1533

☒ Test 1125
☒ Safety Joint 75
☐ Circ Sub _____
☐ Hourly Standby _____
☒ Mileage 50RT 102.50
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
 Sub Total 1262.50

T-On Location 15:22
 T-Started 15:43
 T-Open 17:04
 T-Pulled 18:29
 T-Out 19:45
 Comments _____

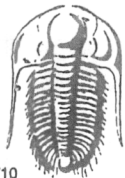
Initial Open 5
 Initial Shut-In 30
 Final Flow 20
 Final Shut-In 30

☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
 Sub Total 8
 Total 1262.50
 MP/DST Disc't _____

Approved By _____

Our Representative Jane McJannet *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 logs 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. 042835

4/10

Well Name & No. Shepherd Trust #2-25 Test No. 3 Date 3-27-11
 Company Abercrombie Energy, LLC Elevation 2056 KB 2046 GL
 Address 10209 W. Central, Suite 2, Wichita, Ks. 67212
 Co. Rep / Geo. Larry Friend Rig Southwind #1
 Location: Sec. 25 Twp. 10S Rge. 18W Co. Rooks State Ks

Interval Tested 3351-3377 Zone Tested E-F
 Anchor Length 26' Drill Pipe Run 3359 Mud Wt. 9.4
 Top Packer Depth 3346 Drill Collars Run 0 Vis 44
 Bottom Packer Depth 3351 Wt. Pipe Run 0 WL 9.6
 Total Depth 3377 Chlorides 4200 ppm System LCM 2nd

Blow Description IFP-Weak Blow, Built to 1/2"
ISI-Dead
FFP-Weak Blow, Built to 2 1/2"
FSI-Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>SOC MW</u>	<u>5</u>	<u>45</u>	<u>50</u>	
<u>10</u>	<u>Watery Mud</u>		<u>30</u>	<u>70</u>	

Rec Total 15 BHT 97° Gravity _____ API RW 383 @ 33 °F Chlorides 55,000 ppm

(A) Initial Hydrostatic 1660
 (B) First Initial Flow 14
 (C) First Final Flow 17
 (D) Initial Shut-In 588
 (E) Second Initial Flow 18
 (F) Second Final Flow 32
 (G) Final Shut-In 560
 (H) Final Hydrostatic 1553

☒ Test 1125
☐ Jars _____
☒ Safety Joint 75
☐ Circ Sub _____
☐ Hourly Standby _____
☒ Mileage 50 RT 62.50
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
 Sub Total 1262.50

T-On Location 2:02
 T-Started 2:28
 T-Open 4:06
 T-Pulled 7:41
 T-Out 9:20
 Comments _____
☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
 Sub Total 8
 Total 1262.50
 MP/DST Disc't _____

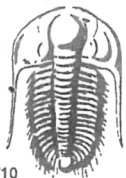
Initial Open 5
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 120

Approved By _____

Our Representative _____

Jason Abercrombie

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. 042836

4/10

Well Name & No. Shepherd Trust #2-25 Test No. 4 Date 3-27-11
 Company Abercrombie Energy, LLC Elevation 2056 KB 2046 GL
 Address 10209 W Central, Suite 2, Wichita, KS. 67212
 Co. Rep / Geo. Larry Friend Rig Southwind #1
 Location: Sec. 25 Twp. 10S Rge. 18W Co. Rooks State KS

Interval Tested 3407-3470 Zone Tested "H-I-J"
 Anchor Length 63' Drill Pipe Run 3393 Mud Wt. 9.2
 Top Packer Depth 3402 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3407 Wt. Pipe Run 0 WL 7.8
 Total Depth 3470 Chlorides 4500 ppm System LCM 2[#]

Blow Description IFP - Fair Blow, Built to 1 3/4"
ISI - Dead
FFP - Good Blow, BOB in 50 min.
FSI - Dead

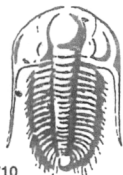
Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Free Oil</u>				
<u>63</u>	<u>Gassy HOCM</u>	<u>20</u>	<u>35</u>	<u>45</u>	
	<u>60' GIP</u>				
Rec Total	<u>65</u>	BHT <u>98°</u>	Gravity <u>36</u>	API RW @ <u>°F</u>	Chlorides <u>ppm</u>

(A) Initial Hydrostatic	<u>1709</u>	☒ Test	<u>1125"</u>	T-On Location	<u>19:19</u>
(B) First Initial Flow	<u>33</u>	☐ Jars		T-Started	<u>19:45</u>
(C) First Final Flow	<u>36</u>	☒ Safety Joint	<u>75"</u>	T-Open	<u>21:18</u>
(D) Initial Shut-In	<u>704</u>	☐ Circ Sub		T-Pulled	<u>24:53</u>
(E) Second Initial Flow	<u>37</u>	☐ Hourly Standby		T-Out	<u>21:30</u>
(F) Second Final Flow	<u>55</u>	☒ Mileage	<u>50 RT 60.50</u>	Comments	
(G) Final Shut-In	<u>692</u>	☐ Sampler			
(H) Final Hydrostatic	<u>1588</u>	☐ Straddle			

Initial Open 5
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 120

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 8
 Total 1262.50
 MP/DST Disc't
 Sub Total 1262.50

Approved By _____ Our Representative Jason McInerney
 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. 042837

Well Name & No. Shepherd Trust #2-25 Test No. 5 Date 3-28-16
 Company Abercrombie Energy, LLC Elevation 2056 KB 2046 GL
 Address 10209 W. Central, Suite 2, Wichita, Ks. 67212
 Co. Rep / Geo. Larry Friend Rig Southwind #1
 Location: Sec. 25 Twp. 10s Rge. 18w Co. Rooks State Ks

Interval Tested 3468-3497 Zone Tested 'K'
 Anchor Length 29' Drill Pipe Run _____ Mud Wt. 9.2
 Top Packer Depth 3463 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3468 Wt. Pipe Run 0 WL 7.8
 Total Depth 3497 Chlorides 4,500 ppm System LCM 2#
 Blow Description IFP- Weak Blow, Built to 1"
ISI- Dead
FFP- Weak Blow, Built to 4 3/4"
FSI- Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Free Oil</u>				
<u>5</u>	<u>Muddy Oil</u>	<u>80</u>		<u>20</u>	

Rec Total 15' BHT 96° Gravity 33 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1719
 (B) First Initial Flow 14
 (C) First Final Flow 13
 (D) Initial Shut-In 741
 (E) Second Initial Flow 16
 (F) Second Final Flow 22
 (G) Final Shut-In 724
 (H) Final Hydrostatic 1637

Initial Open 5
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 120

☒ Test 1125-
☐ Jars _____
☒ Safety Joint 75-
☐ Circ Sub _____
☐ Hourly Standby _____
☒ Mileage 50RT 162.50
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
 Sub Total 1262.50

T-On Location 8:03
 T-Started 8:14
 T-Open 10:25
 T-Pulled 14:00
 T-Out 15:30
 Comments _____
☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
 Sub Total 0
 Total 1262.50
 MP/DST Disc't _____

Approved By _____ Our Representative Jason McLenore

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.