

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
SEP 19 2011

Test Ticket

NO. 43774 116319

4/10

Well Name & No. Kemper #4 Test No. 1 Date 9-10-11
Company Pioneer Resources Elevation 2191 KB 2183 GL
Address 80 Windmill Dr. Phillipsburg, KS 67661
Co. Rep / Geo. Randy Kilian Rig Discovery #1
Location: Sec. 23 Twp. 5S Rge. 21W Co. Norton State KS

Interval Tested 3284-3330 Zone Tested Top Plattsburgh
Anchor Length 46' Drill Pipe Run 3265' Mud Wt. 8.8
Top Packer Depth 3280 Drill Collars Run 30' Vis 62
Bottom Packer Depth 3284 Wt. Pipe Run Ø WL 6.4
Total Depth 3330 Chlorides 700 ppm System LCM 2#

Blow Description IF-BoB in 5 min.
IS-Weak surface Return started @ 5 min.
FF-BoB in 6 1/2 min.
FS-No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>164</u>	<u>MW</u>		<u>50</u>	<u>50</u>	
<u>248</u>	<u>MW</u>				
<u>50</u>	<u>MW</u>		<u>Ø</u>	<u>20</u>	
<u>12</u>	<u>Mud (heavy)</u>			<u>100</u>	

Rec Total 474 BHT 603 Gravity — API RW .24 @ 82° F Chlorides 2200 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>1558</u>	<u>51</u>	<u>85</u>	<u>1195</u>	<u>85</u>	<u>241</u>	<u>1149</u>	<u>1562</u>

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

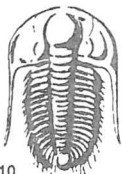
☒ Test 1125'
☐ Jars
☐ Safety Joint
☒ Circ Sub N/C
☐ Hourly Standby
☒ Mileage 1280 179.20
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total 1304.20

T-On Location 8:20 AM
T-Started 8:44 AM
T-Open 10:33 AM
T-Pulled 1:08 PM
T-Out 3:05 PM
Comments
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total Ø
Total 1304.20
MP/DST Disc't

Approved By

Our Representative

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. 43775

RECEIVED
SEP 19 2011

Well Name & No. Kemper #4 BY: _____ Test No. 2 Date 9-10-11
Company Pioneer Resources Elevation 2191 KB 2183 GL
Address 80 Windmill Dr. Phillipsburg, KS 67661
Co. Rep / Geo. Randy Kilian Rig Discovery #1
Location: Sec. 23 Twp. 5S Rge. 21W Co. Norton State KS

Interval Tested 3319 - 3393 Zone Tested Toronto - LKC "A"
Anchor Length 74' Drill Pipe Run 3300 Mud Wt. 8.8
Top Packer Depth 3315 Drill Collars Run 30' Vis 62
Bottom Packer Depth 3319 Wt. Pipe Run 8 WL 6.4
Total Depth 3393 Chlorides 700 ppm System LCM 2#

Blow Description IF- 1/4" Blow built to 1"

IS - No Return

FF - No Blow

FS - No Return

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

(A) Initial Hydrostatic 1585 ☒ Test 1125

(B) First Initial Flow 13 ☐ Jars

(C) First Final Flow 23 ☐ Safety Joint

(D) Initial Shut-In 1052 ☒ Circ Sub N/C

(E) Second Initial Flow 25 ☐ Hourly Standby

(F) Second Final Flow 28 ☒ Mileage 179.20 128 RT

(G) Final Shut-In 909 ☐ Sampler

(H) Final Hydrostatic 1582 ☐ Straddle

☐ Shale Packer

☐ Extra Packer

☐ Extra Recorder

☐ Day Standby

☐ Accessibility

Sub Total 1304.20

T-On Location 10:30 PM

T-Started 10:43 PM

T-Open 12:27 AM

T-Pulled 3:48 AM

T-Out 5:30 AM

Comments Could not get slips
to set on tool joint. Had to

pull off bottom between IF-25
to add 50 slips 50 slips would be

☐ Ruined Shale Packer

☐ Ruined Packer

☐ Extra Copies

Sub Total 8

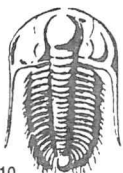
Total 1304.20

MP/DST Disc't

Approved By _____

Our Representative [Signature]

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TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
SEP 19 2011
BY: _____

Test Ticket

NO. 043051

Well Name & No. Q Kemper #4 Test No. 3 Date 9-11-11
Company Pioneer Resources Elevation 2191 KB 2183 GL
Address 80 Windmill Dr. Phillipsburg, KS 67661
Co. Rep / Geo. Randy Kilian Rig Discovery #1
Location: Sec. 23 Twp. 5s Rge. 21w Co. Norton State Ks

Interval Tested 3389-3425 Zone Tested LKC "C, D"
Anchor Length 36' Drill Pipe Run 3358 Mud Wt. 8.9
Top Packer Depth 3385 Drill Collars Run 30 Vis 55
Bottom Packer Depth 3389 Wt. Pipe Run 0 WL 6.4
Total Depth 3425 Chlorides 800 ppm System LCM 2#

Blow Description IF-BoB in 2 1/2 min.
IS-Weak surface return started at 5 min built to 1/2" then died back to 1/4"
FF-BoB in 3 min.
FS-No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>129</u>	<u>WAM (oil spots)</u>	<u>(spots)</u>	<u>40</u>	<u>60</u>	
<u>372</u>	<u>MW</u>		<u>70</u>	<u>30</u>	
<u>484</u>	<u>MW</u>		<u>95</u>	<u>5</u>	
<u>10</u>	<u>Mud (heavy)</u>			<u>100</u>	

Rec Total 995 BHT 102 Gravity — API RW 17 @ 90 ° F Chlorides 35,000 ppm

(A) Initial Hydrostatic 1621 ☒ Test 1125-
(B) First Initial Flow 53 ☐ Jars
(C) First Final Flow 132 ☐ Safety Joint
(D) Initial Shut-In 112 ☒ Circ Sub N/C
(E) Second Initial Flow 143 ☐ Hourly Standby
(F) Second Final Flow 485 ☒ Mileage 179.20 128 RT
(G) Final Shut-In 1090 ☐ Sampler
(H) Final Hydrostatic 1592 ☐ Straddle

Initial Open 5 ☐ Shale Packer
Initial Shut-In 60 ☐ Extra Packer
Final Flow 30 ☐ Extra Recorder
Final Shut-In 45 ☒ Day Standby 27.4 hrs covered tools 8:30 PM 9-12-11
☐ Accessibility
Sub Total 1304.20

T-On Location 10:43 AM
T-Started 11:25 AM
T-Open 12:58 PM
T-Pulled 3:18 PM
T-Out 5:10 PM

Comments
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 800-
Total 2104.20
MP/DST Disc't

Approved By _____

Our Representative _____

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