



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 12 2010

Test Ticket

NO. 37256

141007

BY: _____

Well Name & No. Younkin #2 Test No. 1 Date 4-7-10

Company Empire Exploration Elevation 3012 KB 3007 GL

Address 1205 2nd Damar, KS 67632

Co. Rep / Geo. Scott Alberg Rig Anderson

Location: Sec. 15 Twp. 12^s Rge. 32^w Co. Logan State KS

Interval Tested 4144 - 4235 Zone Tested LKC "H-S"

Anchor Length 91 Drill Pipe Run 4147 Mud Wt. 9.1

Top Packer Depth 4139 Drill Collars Run — Vis 56

Bottom Packer Depth 4144 Wt. Pipe Run — WL 8.0

Total Depth 4235 Chlorides 1000 ppm System LCM

Blow Description IFP - BOB in 12 min

ISI - weak surface blow back died in 42 min

FFP - BOB in 14.5 min

FSI - weak surface blow back throughout

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>CO</u>				
<u>480</u>	<u>OCWM</u>		<u>10</u>	<u>10</u>	<u>80</u>
<u>150</u>	<u>MW</u>			<u>70</u>	<u>30</u>
<u>210</u>	<u>GIP</u>				
Rec Total <u>690</u>	BHT <u>120</u>	Gravity <u>36</u>	API RW <u>.25</u>	@ <u>55</u> °F	Chlorides <u>3600</u> ppm

(A) Initial Hydrostatic 2060 Test 1150 T-On Location 9:53

(B) First Initial Flow 23 Jars _____ T-Started 10:53

(C) First Final Flow 148 Safety Joint _____ T-Open 13:20

(D) Initial Shut-In 1317 Circ Sub _____ T-Pulled 16:50

(E) Second Initial Flow 146 Hourly Standby _____ T-Out 19:16

(F) Second Final Flow 344 Mileage 80RT Comments _____

(G) Final Shut-In 1295 Sampler _____

(H) Final Hydrostatic 2038 Straddle _____

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____

Initial Shut-In 60 Extra Packer _____ Ruined Packer _____

Final Flow 60 Extra Recorder _____ Extra Copies _____

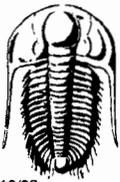
Final Shut-In 60 Day Standby _____ Sub Total Ø

Accessibility _____ Total 1230

Sub Total 1230

Approved By _____ Our Representative [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

RECEIVED Test Ticket
APR 12 2010 NO. 37257

Well Name & No. Younkin #2 Test No. 2 Date 4-9-10
 Company Empire Exploration Elevation 3012 KB 3007 GL
 Address _____
 Co. Rep / Geo. Scott Alberg Rig Anderson
 Location: Sec. 15 Twp. 12^s Rge. 32^w Co. Logan State KS

Interval Tested 4520 - 4585 Zone Tested Johnson
 Anchor Length 65 Drill Pipe Run 4521 Mud Wt. 9.3
 Top Packer Depth 4515 Drill Collars Run — Vis 48
 Bottom Packer Depth 4520 Wt. Pipe Run — WL 8.8
 Total Depth 4585 Chlorides 2300 ppm System LCM _____

Blow Description IFP - weak surface blow throughout
ISI - no blow back
FFP - no blow - flushed tool - weak surface surge died
FSI - no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud w/ scum of oil</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

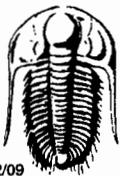
Rec Total 10 BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2281 Test 1150 T-On Location 7:33
 (B) First Initial Flow 19 Jars _____ T-Started 9:15
 (C) First Final Flow 20 Safety Joint _____ T-Open 11:19
 (D) Initial Shut-In 88 Circ Sub _____ T-Pulled 13:19
 (E) Second Initial Flow 20 Hourly Standby _____ T-Out 15:37
 (F) Second Final Flow 22 Mileage 80RT Comments _____
 (G) Final Shut-In 44 Sampler _____
 (H) Final Hydrostatic 2248 Straddle _____

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Extra Copies _____
 Final Shut-In 30 Day Standby _____ Sub Total 0
 Sub Total 1230 Accessibility _____ Total 1230

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

APR 18 2010

Test Ticket

No. 38858

Well Name & No. Younkin #2 Test No. 3 Date 4-10-10
 Company Empire Exploration Elevation 3012 KB 3008 GL
 Address _____
 Co. Rep / Geo. _____ Rig Anderson
 Location: Sec. 15 Twp. 12 Rge. 32 Co. Logan State KS

Interval Tested 4584-4650 Zone Tested Morrow
 Anchor Length Le6 Drill Pipe Run 4584 Mud Wt. 9.5
 Top Packer Depth 4580 Drill Collars Run 0 Vis 47
 Bottom Packer Depth 4584 Wt. Pipe Run 0 WL 8.8
 Total Depth 4650 Chlorides 1200 ppm System LCM 1

Blow Description IF: Built to 6" Blow
IS: Bled off NO Return Blow
FF: Built to 4" Blow
FS: Bled off NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>FO</u>	<u>100</u>			
<u>25</u>	<u>MCGO</u>	<u>5</u>	<u>92</u>	<u>3</u>	
<u>60</u>	<u>GCDWM</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>85</u>

Rec Total 90 BHT 122 Gravity 30 API RW 1150.00 @ 180 °F Chlorides _____ ppm

(A) Initial Hydrostatic 2324 Test 1150.00 T-On Location 03:20
 (B) First Initial Flow 16 Jars _____ T-Started 04:27
 (C) First Final Flow 36 Safety Joint _____ T-Open 06:26
 (D) Initial Shut-In 1041 Circ Sub NC T-Pulled 09:56
 (E) Second Initial Flow 37 Hourly Standby _____ T-Out 12:12
 (F) Second Final Flow 56 Mileage 90 RT = 180.00 Comments _____
 (G) Final Shut-In 866 Sampler 180.00 _____
 (H) Final Hydrostatic 2312 Straddle _____

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 60 Extra Packer _____ Ruined Packer _____
 Final Flow 60 Extra Recorder _____ Extra Copies _____
 Final Shut-In 60 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1330
 Sub Total 1330

Approved By [Signature] Our Representative [Signature]

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