

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 37316 / 14044

RECEIVED
MAR 29 2010
BY: _____ Test No. 1 Date 3-20-10

Well Name & No. Alexander #1 Company John O Farmer, Inc. Elevation 2107 KB 2102 GL

Address 370 W. Wichita Ave. PO Box 352 Russell KS 67665

Co. Rep / Geo. Randy Killian Rig WW #10

Location: Sec. 29 Twp. 7s Rge. 21w Co. Graham State KS

Interval Tested 3352 - 3382 Zone Tested LKC "C"

Anchor Length 30 Drill Pipe Run 3234 Mud Wt. 8.9

Top Packer Depth 3347 Drill Collars Run 123 Vis 54

Bottom Packer Depth 3352 Wt. Pipe Run - WL 6.8

Total Depth 3382 Chlorides 600 ppm System LCM 2

Blow Description IF: Blow built to 7 1/4"

ISI: Bled off, No blowback

FF: Blow built to BOB (12") in 59 min

FSI: Bled off, No blowback

Rec <u>240</u>	Feet of <u>MCW</u>	%gas	%oil	<u>82</u> %water	<u>18</u> %mud
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Rec _____	Feet of _____	%gas	%oil	%water	%mud
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Rec _____	Feet of _____	%gas	%oil	%water	%mud
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Rec _____	Feet of _____	%gas	%oil	%water	%mud
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Rec _____	Feet of _____	%gas	%oil	%water	%mud
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Rec Total 240 BHT 103 Gravity - API RW .188 @ 34.5 °F Chlorides 85,000 ppm

(A) Initial Hydrostatic 1602

(B) First Initial Flow 15

(C) First Final Flow 76

(D) Initial Shut-In 802

(E) Second Initial Flow 78

(F) Second Final Flow 124

(G) Final Shut-In 799

(H) Final Hydrostatic 1601

☐ Test * 1050

☒ Jars _____

☒ Safety Joint _____

☒ Circ Sub * NA

☒ Hourly Standby _____

☐ Mileage 166 RT

☒ Sampler _____

☒ Straddle _____

☒ Shale Packer _____

☒ Extra Packer _____

☒ Extra Recorder _____

☒ Day Standby _____

☒ Accessibility _____

Sub Total 1216

T-On Location 13:10

T-Started 14:18

T-Open 15:58

T-Pulled 18:57

T-Out 20:40

Comments _____

☒ Ruined Shale Packer _____

☒ Ruined Packer _____

☒ Extra Copies _____

Sub Total 0

Total 1216

Initial Open 30

Initial Shut-In 30

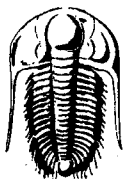
Final Flow 60

Final Shut-In 60

Approved By _____

Our Representative James Winder

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.



TRIBOLITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAR 29 2010

Test Ticket

NO. 37317

10/08

Well Name & No. Alexander #1 Test No. 2 Date 3-21-10
 Company John O Farmer Inc Elevation 2107 KB 2102 GL
 Address 370 W. Wichita Ave PO Box 352 Russell, KS 67665
 Co. Rep / Geo. Randy Killian Rig WW #10
 Location: Sec. 29 Twp. 7s Rge. 21w Co. Graham State KS

Interval Tested 3382-3403 Zone Tested LKC "D"
 Anchor Length 21 Drill Pipe Run 3265 Mud Wt. 8.9
 Top Packer Depth 3377 Drill Collars Run 123 Vis 54
 Bottom Packer Depth 3382 Wt. Pipe Run - WL 6.8
 Total Depth 3403 Chlorides 600 ppm System LCM 2

Blow Description IF: Blow built to 2 3/4"
ISI: Bled off, No blowback
FF: Blow built to 1 1/4"
FSI: Bled off, No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>SUCM</u>	<u>5</u>	<u>-</u>	<u>95</u>	<u>-</u>
<u>61</u>	<u>WCM w/trace oil</u>	<u>trace</u>	<u>23</u>	<u>77</u>	<u>-</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 81 BHT 97 Gravity - API RW ,365 @ 39 °F Chlorides 35,000 ppm

(A) Initial Hydrostatic 1628
 (B) First Initial Flow 13
 (C) First Final Flow 34
 (D) Initial Shut-In 833
 (E) Second Initial Flow 37
 (F) Second Final Flow 48
 (G) Final Shut-In 828
 (H) Final Hydrostatic 1605

☒ Test * 1050-
☒ Jars
☒ Safety Joint
☒ Circ Sub * N/A
☒ Hourly Standby
☐ Mileage 166 RT
☒ Sampler
☒ Straddle
☒ Shale Packer
☒ Extra Packer
☒ Extra Recorder
☒ Day Standby
☒ Accessibility
 Sub Total 1216-

T-On Location 00:45
 T-Started 1:55
 T-Open 3:28
 T-Pulled 5:29
 T-Out 7:05
 Comments
☒ Ruined Shale Packer
☒ Ruined Packer
☒ Extra Copies
 Sub Total 0
 Total 1216-

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

Approved By

Our Representative

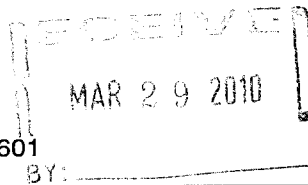
James White

Tribolite 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. 37318

Well Name & No. Alexander #1 Test No. 3 Date 3-20-10
 Company John O Farmer Inc Elevation 2107 KB 2102 GL
 Address 370 W Wichita Ave. PO Box 352 Russell, KS 67665
 Co. Rep / Geo. Randy Killian Rig WW #10
 Location: Sec. 29 Twp. 7s Rge. 21w Co. Graham State KS

Interval Tested 3400 - 3414 Zone Tested LKC "E"
 Anchor Length 14 Drill Pipe Run 3266 Mud Wt. 9.0
 Top Packer Depth 3395 Drill Collars Run 123 Vis 49
 Bottom Packer Depth 3400 Wt. Pipe Run - WL 7.6
 Total Depth 3414 Chlorides 900 ppm System LCM 2

Blow Description IF: Blow built to BOB in 22 min.
ISI: Bled off, Blowback built to 1/8" in 10 min, dead @ 21 min.
FF: Blow built to BOB in 22 1/2 min.
F5I: Bled off, Blowback built to 1" in 16 min, dead @ 31 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>83</u>	<u>CGO</u>	<u>24</u>	<u>76</u>	<u>-</u>	<u>-</u>
<u>41</u>	<u>SMCO</u>	<u>-</u>	<u>96</u>	<u>-</u>	<u>4</u>
<u>82</u>	<u>GMO</u>	<u>18</u>	<u>44</u>	<u>-</u>	<u>38</u>
<u>Rec</u>	<u>Feet of GIP = 235'</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>
<u>Rec</u>	<u>Feet of</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>

Rec Total 206 Fluid 235' GIP BHT 103 Gravity 38.8 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1622
 (B) First Initial Flow 13
 (C) First Final Flow 56
 (D) Initial Shut-In 859
 (E) Second Initial Flow 59
 (F) Second Final Flow 91
 (G) Final Shut-In 820
 (H) Final Hydrostatic 1580

☐ Test * 1050
☒ Jars
☒ Safety Joint
☒ Circ Sub XNA
☒ Hourly Standby
☐ Mileage 166 RT
☒ Sampler
☒ Straddle
☒ Shale Packer
☒ Extra Packer
☒ Extra Recorder
☒ Day Standby
☒ Accessibility
 Sub Total 1216

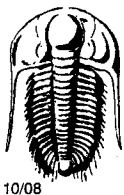
T-On Location 11:00
 T-Started 11:41
 T-Open 13:05
 T-Pulled 16:06
 T-Out 17:35
 Comments
☒ Ruined Shale Packer
☒ Ruined Packer
☒ Extra Copies
 Sub Total 0
 Total 1216

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

Approved By

Our Representative

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAR 29 2010

Test Ticket

NO. 37319

Well Name & No. Alexander #1 Test No. 4 Date 3-21-10
 Company John O Farmer Inc Elevation 2107 KB 2102 GL
 Address 370 W Wichita Ave PO Box 352 Russell KS 67665
 Co. Rep / Geo. Randy Killian Rig WW #10
 Location: Sec. 29 Twp. 7s Rge. 21W Co. Graham State KS

Interval Tested 3409-3425 Zone Tested LKC "F"
 Anchor Length 16 Drill Pipe Run 3297 Mud Wt. 7.0
 Top Packer Depth 3404 Drill Collars Run 123 Vis 49
 Bottom Packer Depth 3409 Wt. Pipe Run - WL 7.6
 Total Depth 3425 Chlorides 900 ppm System LCM 2

Blow Description IF: Blow built to BOB in 13 min.
ISI: Bled off, No blow back
FF: Blow built to BOB in 16 min.
FSI: Bled off, No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>11</u>	<u>50/mcw</u>	<u>-</u>	<u>3</u>	<u>72</u>	<u>25</u>
<u>63</u>	<u>MCW w/trace oil</u>	<u>%gas trace</u>	<u>%oil</u>	<u>75</u>	<u>25</u>
<u>501</u>	<u>SMCW w/trace oil</u>	<u>%gas trace</u>	<u>%oil</u>	<u>96</u>	<u>4</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 575 BHT 109 Gravity - API RW .111 @ 67.2 °F Chlorides 75,000 ppm

(A) Initial Hydrostatic 1633
 (B) First Initial Flow 17
 (C) First Final Flow 142
 (D) Initial Shut-In 777
 (E) Second Initial Flow 145
 (F) Second Final Flow 285
 (G) Final Shut-In 760
 (H) Final Hydrostatic 1597

☐ Test * 1050
☒ Jars
☒ Safety Joint
☒ Circ Sub ANA
☒ Hourly Standby
☐ Mileage 166 RT
☒ Sampler
☒ Straddle
☒ Shale Packer
☒ Extra Packer
☒ Extra Recorder
☒ Day Standby
☒ Accessibility
 Sub Total 1216-

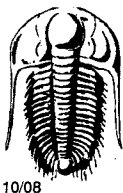
T-On Location 21:50
 T-Started 22:12
 T-Open 23:33
 T-Pulled 2:34
 T-Out 4:10
 Comments
☒ Ruined Shale Packer
☒ Ruined Packer
☒ Extra Copies
 Sub Total 0
 Total 1216-

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

Approved By _____

Our Representative James Under

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RECEIVED
MAR 29 2010

Test Ticket

NO. 37320

BY: _____

Well Name & No. Alexander #1 Test No. 5 Date 3-22-10
 Company John O Farmer Inc Elevation 2107 KB 2102 GL
 Address 370 W. Wichita Ave PO Box 352 Russell KS 67665
 Co. Rep / Geo. Randy Killian Rig WW #10
 Location: Sec. 29 Twp. 7s Rge. 21w Co. Graham State KS

Interval Tested 3478 - 3520 Zone Tested LKC "I - K"
 Anchor Length 42 Drill Pipe Run 3362 Mud Wt. 9.2
 Top Packer Depth 3473 Drill Collars Run 123 Vis 42 48
 Bottom Packer Depth 3478 Wt. Pipe Run - WL 7.8
 Total Depth 3520 Chlorides 1000 ppm System LCM 1

Blow Description IF: surface blow for 10 min., occasional blow through rest of open
ISI: No blow back
FF: No blow
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>50CM</u>	<u>-</u>	<u>5</u>	<u>-</u>	<u>95</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 <u>5</u>	BHT <u>97</u>	Gravity <u>-</u>	API RW <u>-</u>	@ <u>-</u> °F	Chlorides <u>-</u> ppm

(A) Initial Hydrostatic 1668
 (B) First Initial Flow 12
 (C) First Final Flow 14
 (D) Initial Shut-In 46
 (E) Second Initial Flow 15
 (F) Second Final Flow 16
 (G) Final Shut-In 27
 (H) Final Hydrostatic 1657

☐ Test ★ 1050-
☒ Jars _____
☒ Safety Joint _____
☒ Circ Sub ★ NA
☒ Hourly Standby _____
☐ Mileage 166 RTX2
☒ Sampler _____
☒ Straddle _____
☒ Shale Packer _____
☒ Extra Packer _____
☒ Extra Recorder _____
☒ Day Standby _____
☒ Accessibility _____
 Sub Total 1382-

T-On Location 11:35
 T-Started 15:23
 T-Open 16:50
 T-Pulled 18:52
 T-Out 20:00
 Comments Pulled tight starting
out w/bit, Rig short tripped
and reconditioned hole
loaded tool after log
☒ Ruined Shale Packer _____
☒ Ruined Packer _____
☒ Extra Copies _____
 Sub Total 0
 Total 1382-

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

Approved By _____

Our Representative James Winters

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