

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 16 2011

Test Ticket

NO. 43179 15750

Well Name & No. Groom #1 BY: _____ Test No. 1 Date 5/8/11
Company Pioneer Resources Elevation 2778 KB 2773 GL
Address 80 Windmill Dr. Phillipsburg, Ks 67661
Co. Rep / Geo. Keith Reavis Rig WW #2
Location: Sec. 18 Twp. 14S Rge. 31W Co. Gove State Ks

Interval Tested 4056 4092 Zone Tested Lansing J & K
Anchor Length 36' Drill Pipe Run 3910 Mud Wt. 9.2
Top Packer Depth 4051 Drill Collars Run 123 Vis 6.5
Bottom Packer Depth 4056 Wt. Pipe Run 0 WL 6.8
Total Depth 4092 Chlorides 5500 ppm System LCM 2#

Blow Description IF: 2 inches blow
ISI: No return blow.
FF: No blow, Flushed tool, built to 3/4 inch blow.
FSI: No blow back.

Rec <u>190</u>	Feet of <u>Mud (ozl spots)</u>	%gas	%oil	%water <u>100</u>	%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 190 BHT 117 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2010
(B) First Initial Flow 17
(C) First Final Flow 47
(D) Initial Shut-In 1064
(E) Second Initial Flow 48
(F) Second Final Flow 117
(G) Final Shut-In 1011
(H) Final Hydrostatic 1980

☒ Test 1225
☒ Jars 250
☒ Safety Joint 75'
☒ Circ Sub N/C
☐ Hourly Standby
☒ Mileage 58 R/T 81.20
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total 1631.20

T-On Location 1200
T-Started 1341
T-Open 1554
T-Pulled 1709
T-Out 2103
Comments
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 1631.20
MP/DST Disc't

Initial Open 30
Initial Shut-In 60
Final Flow 45
Final Shut-In 60

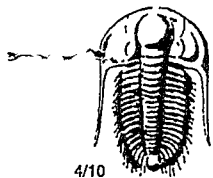
Approved By

Rodney Wells

Our Representative

[Signature]

Trilobite Testing Inc. shall not be liable for damages 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.



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Test Ticket

NO. 43180

Well Name & No. Groom #1 BY: _____ Test No. 2 Date 5/10/11
Company Pioneer Resources Elevation 2778 KB 2773 GL _____
Address Keith Reavis
Co. Rep / Geo. _____ Rig WW #2
Location: Sec. 18 Twp. 14S Rge. 31W Co. Gove State KS

Interval Tested 4412 4450 Zone Tested Morrow Sand
Anchor Length 38 Drill Pipe Run 4283 Mud Wt. 9.4 9.4
Top Packer Depth 4407 Drill Collars Run 123 Vis 65 56
Bottom Packer Depth 4412 Wt. Pipe Run 0 WL 6.8 8.8
Total Depth 4450 Chlorides 5500 ppm System LCM 2#

Blow Description IF: 1 inch blow.
IST: No return blow.
FF: No 1 inch blow.
FSI: No return blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>OCM</u>	<u>20</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 80 BHT 120 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
(A) Initial Hydrostatic 2240 ☒ Test 1225 T-On Location 0730
(B) First Initial Flow 22 ☒ Jars 250 T-Started 0842
(C) First Final Flow 34 ☒ Safety Joint 75 T-Open 1039
(D) Initial Shut-In 1078 ☐ Circ Sub _____ T-Pulled 1424
(E) Second Initial Flow 39 ☐ Hourly Standby _____ T-Out 1211
(F) Second Final Flow 53 ☒ Mileage 58RT 81.20 Comments _____
(G) Final Shut-In 1020 ☐ Sampler _____
(H) Final Hydrostatic 2142 ☐ Straddle _____ ☐ Ruined Shale Packer _____
☐ Shale Packer _____ ☒ Ruined Packer 250
☐ Extra Packer _____ ☐ Extra Copies _____

Initial Open 30
Initial Shut-In 60
Final Flow 45
Final Shut-In 90

☒ Day Standby DST #1 Ended 1105 Sub Total 260
☒ Accessibility @ 2103 5/8/11 Total 2241.27
Sub Total 1981.27 MP/DST Disc't _____

Approved By _____

Our Representative _____

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