

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 040207 ¹⁴⁷³³

Well Name & No. Marit #1-24 Test No. 1 Date 9-1-10
 Company Larson Engineering Elevation 2854 KB 2847 GL
 Address W. St. Rd. 4 Olmitz, KS
 Co. Rep / Geo. Bob Lowellyn Rig HD#3
 Location: Sec. 24 Twp. 18 Rge. 30 Co. Lane State KS

Interval Tested 4110-4145 Zone Tested Lansing 'H'
 Anchor Length 35 Drill Pipe Run 4028 Mud Wt. 9.4
 Top Packer Depth 4106 Drill Collars Run 86 Vis 50
 Bottom Packer Depth 4110 Wt. Pipe Run 0 WL 7.2
 Total Depth 4145 Chlorides 1,700 ppm System LCM 1

Blow Description IF: Surface blow receded.

ISI: No return.

FF: No blow.

FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
20	OSM			100	

Rec Total 20 BHT 116 Gravity - API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 2070 ☐ Test 1,225 T-On Location 21:45
 (B) First Initial Flow 16 ☐ Jars 250 T-Started 22:28
 (C) First Final Flow 19 ☐ Safety Joint 75 T-Open 00:58
 (D) Initial Shut-In 933 ☒ Circ Sub N/C T-Pulled 02:28
 (E) Second Initial Flow 21 ☐ Hourly Standby T-Out 04:19
 (F) Second Final Flow 25 ☐ Mileage 35 4375 Comments
 (G) Final Shut-In 905 ☐ Sampler
 (H) Final Hydrostatic 2052 ☐ Straddle ☐ Ruined Shale Packer
☐ Shale Packer ☐ Ruined Packer
☐ Extra Packer ☐ Extra Copies
☐ Extra Recorder Sub Total 0
☐ Day Standby Total 1593.75
☐ Accessibility MP/DST Disc't

Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30

Sub Total 1593.75

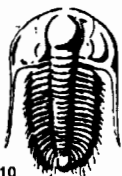
Approved By

Bob Lowellyn

Our Representative

Chuck Smith

TriLOBITE TESTING INC. shall not be liable for damaged or 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. 040208

Well Name & No. Marit #1-24 Test No. 2 Date 9-2-10
 Company Larson Engineering Elevation 2854 KB 2847 GL
 Address 562 W. St. Rd. 4 Olmitz, KS 67564
 Co. Rep / Geo. Bob Lewellyn Rig HD#3
 Location: Sec. 24 Twp. 18 Rge. 30 Co. Lane State KS

Interval Tested 4154-4187 Zone Tested Lansing 'I'
 Anchor Length 33 Drill Pipe Run 3996 Mud Wt. 9.4
 Top Packer Depth 4151 Drill Collars Run 142 Vis 54
 Bottom Packer Depth 4154 Wt. Pipe Run 0 WL 6.4
 Total Depth 4187 Chlorides 1,900 ppm System LCM 1

Blow Description IF: B.O.B. @ 12 min.
ISI: 2" Return receded to 1/2"
FF: B.O.B. @ 10 min.
FSI: 2 1/2" Return receded to 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>196</u>	Feet of <u>GO</u>	<u>20</u>	<u>80</u>	<u>%water</u>	<u>%mud</u>
Rec <u>173</u>	Feet of <u>GMCO</u>	<u>15</u>	<u>65</u>	<u>%water</u>	<u>20 %mud</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 369 BHT 119 Gravity 36 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2110</u>	☐ Test <u>1,225-</u>	T-On Location <u>15:00</u>
(B) First Initial Flow <u>25</u>	☐ Jars <u>250-</u>	T-Started <u>15:47</u>
(C) First Final Flow <u>90</u>	☐ Safety Joint <u>75-</u>	T-Open <u>17:37</u>
(D) Initial Shut-In <u>1061</u>	☒ Circ Sub <u>1/K</u>	T-Pulled <u>19:52</u>
(E) Second Initial Flow <u>98</u>	☐ Hourly Standby	T-Out <u>22:26</u>
(F) Second Final Flow <u>162</u>	☐ Mileage <u>35</u> <u>4375</u>	Comments <u>425' GIP</u>
(G) Final Shut-In <u>1095</u>	☐ Sampler	
(H) Final Hydrostatic <u>2080</u>	☐ Straddle	

Initial Open 15
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 60

☐ Ruined Shale Packer
☒ Ruined Packer 250-
☐ Extra Copies
 Sub Total 260-
 Total 1853.75
 MP/DST Disc't

Sub Total 1593.75

Approved By [Signature] Our Representative Chuck Smith
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