

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 4371716088

JUL 29 2011

Well Name & No. Mopett #1-32 Test No. 1 Date 7-21-2011
 Company Grant Plains Energy Elevation 2310 KB 2305 GL
 Address 6121 South 58th Street Suite B Lincoln NE 68516
 Co. Rep / Geo. Richard Rick Bell Rig WW#6
 Location: Sec. 32 Twp. 2 Rge. 23W Co. Morton State KS

Interval Tested 3312 3368 Zone Tested Toronto, LKC-A
 Anchor Length 56 Drill Pipe Run 3194 Mud Wt. 9.0
 Top Packer Depth 3307 Drill Collars Run 120 Vis 50
 Bottom Packer Depth 3310 Wt. Pipe Run 0 WL 6.8
 Total Depth 3368 Chlorides 1,200 ppm System LCM 1

Blow Description IFI weak blow died in 15 mins.

ISI: NO Blow Back

FF: NO blow

FSI: NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>mud</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 65 BHT 9786 Gravity 1125 API RW 250 @ 75 °F Chlorides 1545.20 ppm

(A) Initial Hydrostatic	<u>1697</u>	☒ Test	<u>1125</u>	T-On Location	<u>19:25</u>
(B) First Initial Flow	<u>19</u>	☒ Jars	<u>250</u>	T-Started	<u>20:30</u>
(C) First Final Flow	<u>37</u>	☒ Safety Joint	<u>75</u>	T-Open	<u>20:37</u>
(D) Initial Shut-In	<u>1067</u>	☐ Circ Sub		T-Pulled	<u>12:55</u>
(E) Second Initial Flow	<u>34</u>	☐ Hourly Standby		T-Out	<u>2:40</u>
(F) Second Final Flow	<u>57</u>	☒ Mileage	<u>34X2=68X1.40=95.20</u>	Comments	
(G) Final Shut-In	<u>1054</u>	☐ Sampler			
(H) Final Hydrostatic	<u>1607</u>	☐ Straddle		☐ Ruined Shale Packer	

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

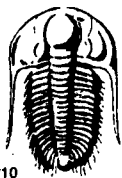
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1545.20

☐ Ruined Packer
☐ Extra Copies
 Sub Total 8
 Total 1545.20
 MP/DST Disc't

Approved By

Our Representative

Triobite 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. 43718

JUL 29 2011

Well Name & No. Moffet # 1-32 Test No. 2 Date 7-22-2011
 Company Great Plains Energy Elevation 2310 KB 2305 GL
 Address 6121 South 58th Street Suite B Lincoln NE 68516
 Co. Rep / Geo. Rich Bell Rig WV#6
 Location: Sec. 32 Twp. 2 Rge. 23W Co. Norton State KS

Interval Tested 3368 3400 Zone Tested LKC-C-D
 Anchor Length 32 Drill Pipe Run 3228 Mud Wt. 9.0
 Top Packer Depth 3363 Drill Collars Run 120 Vis 50
 Bottom Packer Depth 3368 Wt. Pipe Run -0- WL 6.8
 Total Depth 3400 Chlorides 1,200 ppm System LCM 1#

Blow Description IF: 1st blow built to 6.08 in 30
TST: 1st blow back after 1 min. Built to 2 1/2 in over 60 mins
FF: strong blow built to 6.08 in 15 mins
TST: Blow back after 1 min. Built to 5 in over 90 mins

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>gmco</u>	<u>25</u>	<u>55</u>		<u>30</u>
<u>144</u>	<u>40</u>	<u>25</u>	<u>55</u>		
<u>0</u>	<u>372 ft of gas in pipe</u>				
<u>148</u>	<u>90</u>	<u>10</u>	<u>90</u>		
<u>182</u>	<u>gmco</u>	<u>15</u>	<u>55</u>		<u>30</u>

Rec Total 326 BHT 95.45 Gravity 28.8 API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic 1608 ☒ Test 1125 T-On Location 8:30
 (B) First Initial Flow 25 ☒ Jars 250 T-Started 8:45
 (C) First Final Flow 84 ☒ Safety Joint 75 T-Open 10:24
 (D) Initial Shut-In 1013 ☐ Circ Sub T-Pulled 14:10
 (E) Second Initial Flow 99 ☐ Hourly Standby T-Out 16:12
 (F) Second Final Flow 143 ☒ Mileage 34 x 2 = 68 x 1.40 = 95.20 Comments
 (G) Final Shut-In 1078 ☐ Sampler
 (H) Final Hydrostatic 1580 ☐ Straddle ☐ Ruined Shale Packer
☐ Shale Packer ☐ Ruined Packer
☐ Extra Packer ☐ Extra Copies
☐ Extra Recorder
☐ Day Standby
☐ Accessibility

Initial Open 30
 Initial Shut-In 60
 Final Flow 43
 Final Shut-In 90

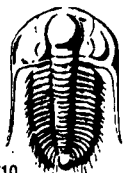
Sub Total 8
 Total 1545.20
 MP/DST Disc't

Sub Total 1545.20

Approved By

Our Representative Charles [Signature]

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P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43719

JUL 29 2011

Well Name & No. Moffet #1-32 Test No. 3 Date 7-23-11
 Company Great Plains Energy Elevation 2310 KB 2305 GL
 Address 6121 South 58th Street B Lincoln NE. 68516
 Co. Rep / Geo. Rich Bell Rig WW #6
 Location: Sec. 32 Twp. 25 Rge. 23W Co. Morton State KS

Interval Tested 3443 3515 Zone Tested LKC, H, J, K
 Anchor Length 72 Drill Pipe Run 3310 Mud Wt. 9.1
 Top Packer Depth 3438 Drill Collars Run 120 Vis 48
 Bottom Packer Depth 3443 Wt. Pipe Run -0- WL 7.2
 Total Depth 3515 Chlorides 2000 ppm System LCM 1#

Blow Description IF: weak blow, built to 2 in. over 30 mins

FSI: No blow back over 60 mins

FF: weak blow, built to 1/2 in over 30 mins

FST: No blow back over 60 mins

Rec	Feet of	%gas	%oil	%water	%mud
<u>140</u>	<u>mud with oil specks</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 140 BHT 97.59 Gravity 1125 API RW 250 @ 75 ° F Chlorides 2000 ppm

(A) Initial Hydrostatic	<u>1817</u>	☒ Test	<u>1125</u>	T-On Location	<u>3:20</u>
(B) First Initial Flow	<u>23</u>	☒ Jars	<u>250</u>	T-Started	<u>3:45</u>
(C) First Final Flow	<u>57</u>	☒ Safety Joint	<u>75</u>	T-Open	<u>5:24</u>
(D) Initial Shut-In	<u>1154</u>	☐ Circ Sub		T-Pulled	<u>2:30</u>
(E) Second Initial Flow	<u>60</u>	☐ Hourly Standby		T-Out	<u>10:07</u>
(F) Second Final Flow	<u>91</u>	☒ Mileage	<u>34 x 2 = 68 x 1.40 95.20</u>	Comments	
(G) Final Shut-In	<u>1138</u>	☐ Sampler			
(H) Final Hydrostatic	<u>1674</u>	☐ Straddle		☐ Ruined Shale Packer	

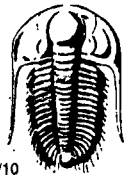
Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
☐ Ruined Packer
☐ Extra Copies
 Sub Total 8
 Total 1545.20
 MP/DST Disc't

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P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43720

JUL 29 2011

Well Name & No. Moffet #1-32 Test No. 4 Date 4-23-10
 Company Great Plains Energy Inc. Elevation 2310 KB 2305 GL
 Address 6121 South 58th Street B. Lincoln Ne. 68516
 Co. Rep / Geo. Richard Bell Rig WW#6
 Location: Sec. 32 Twp. 25 Rge. 23W Co. Norton State Ks

Interval Tested 3534 3580 Zone Tested Arbuckle
 Anchor Length 46 Drill Pipe Run 3410 Mud Wt. 9.1
 Top Packer Depth 3529 Drill Collars Run 120 Vis 48
 Bottom Packer Depth 3534 Wt. Pipe Run -0- WL 7.2
 Total Depth 3580 Chlorides 2,000 ppm System LCM 1#

Blow Description IF: Weak blow, Built to 2 in. over 30 mins.
ISF: No blow back over 60 mins.
FF: Weak blow, Built to 1/4 in. over 45 mins.
FSF: No blow back over 90 mins.

Rec	Feet of	%gas	%oil	%water	%mud
30	OCM	40	60		
60	OCWM	20	20	70	
60	OCWM	10	40	50	

Rec Total 150 BHT 96.78 Gravity 1125 API RW 250 @ 75 °F Chlorides 2004 ppm
 (A) Initial Hydrostatic 1762 ☒ Test 1125 T-On Location 16.30
 (B) First Initial Flow 23 ☒ Jars 250 T-Started 16.50
 (C) First Final Flow 61 ☒ Safety Joint 75 T-Open 18.28
 (D) Initial Shut-In 755 ☐ Circ Sub 22.25 T-Pulled 20.04
 (E) Second Initial Flow 78 ☐ Hourly Standby 20.04 T-Out 20.04
 (F) Second Final Flow 89 ☒ Mileage 34 x 2 = 68 x 1.40 = 95.20 Comments
 (G) Final Shut-In 765 ☐ Sampler
 (H) Final Hydrostatic 1721 ☐ Straddle
☐ Shale Packer ☐ Ruined Shale Packer
☐ Extra Packer ☐ Ruined Packer
☐ Extra Recorder ☐ Extra Copies
☐ Day Standby Sub Total 8
☐ Accessibility Total 1545.20
 Sub Total 1545.20 MP/DST Disc't

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

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