

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
AUG 31 2011

Test Ticket

NO. 039746 16250

Well Name & No. Buggels A-1 Test No. 1 Date 8-29-11
 Company Brungardt Oil & Leasing INC Elevation 1399 KB 1394 GL
 Address Box 871 Russell KS 67605 + 1731
 Co. Rep / Geo. Brad Hutchinson Rig Shields
 Location: Sec. 23 Twp. 10 S Rge. 15 W Co. OSborne State KS

Interval Tested 3025-3120 Zone Tested TORONTO - LANSING - C
 Anchor Length 95 Drill Pipe Run 2569 Mud Wt. 9.4
 Top Packer Depth 3020 Drill Collars Run 0 Vis 49
 Bottom Packer Depth 3025 Wt. Pipe Run 4683 WL 11.2
 Total Depth 3120 Chlorides 4600 ppm System LCM TR

Blow Description 1st Weak Blow Built To 2 IN
ISI-Dead No Blow Back
FF-Weak Blow Built To 1 IN
FSI-Dead No Blow Back

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|-------------------------------|------|------|------------|------|
| <u>30</u> | <u>MGD WITH A SCUM OF OIL</u> | | | <u>100</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 |

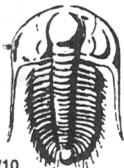
Rec Total 30 BHT 101 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1574 Test 1125 T-On Location 15:21
 (B) First Initial Flow 57 Jars _____ T-Started 15:55
 (C) First Final Flow 70 Safety Joint _____ T-Open 17:43
 (D) Initial Shut-In 404 Circ Sub _____ T-Pulled 20:13
 (E) Second Initial Flow 74 Hourly Standby _____ T-Out 21:46
 (F) Second Final Flow 82 Mileage 100 RT 140 Comments _____
 (G) Final Shut-In 401 Sampler _____
 (H) Final Hydrostatic 1520 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 8
 Day Standby _____ Total 1265
 Accessibility _____ MP/DST Disc't _____

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

Sub Total 1265
 Approved By _____ Our Representative Jeff Brown

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.



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Test Ticket

NO. 039747

4/10

BY: _____

| | | |
|---|-----------------------|---------------------|
| Well Name & No. <u>Buggels A-1</u> | Test No. <u>2</u> | Date <u>8-30-11</u> |
| Company <u>Bfungardt Oil + Leasing INC</u> | Elevation <u>1899</u> | KB <u>1894</u> GL |
| Address <u>PO Box 871 Russell KS 67465-1731</u> | | |
| Co. Rep / Geo. <u>Brad Hutchinson</u> | Rig <u>Shields</u> | |
| Location: Sec. <u>23</u> Twp. <u>10S</u> Rge. <u>15W</u> Co. <u>Osborne</u> State <u>KS</u> | | |

| | |
|----------------------------------|--|
| Interval Tested <u>3120-3190</u> | Zone Tested <u>LKC-D-G</u> |
| Anchor Length <u>70</u> | Drill Pipe Run <u>21202</u> Mud Wt. <u>9.4</u> |
| Top Packer Depth <u>3115</u> | Drill Collars Run <u>0</u> Vis <u>4.9</u> |
| Bottom Packer Depth <u>3120</u> | Wt. Pipe Run <u>4408</u> WL <u>11.2</u> |
| Total Depth <u>3190</u> | Chlorides <u>4400</u> ppm System LCM <u>TR</u> |

Blow Description FP-Fair Blow Built TO 5 3/4 IN
ISI-Weak Surface Blow Back DieD out IN 5min
FP-Fair Blow Built TO 4 1/4 IN
FSI-Dead NO BLOW BACK

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|----------------------------------|------|-----------|------------|------------|
| <u>139</u> | <u>Feet of MW WITH OIL SPOTS</u> | | | <u>75%</u> | <u>25%</u> |
| <u>2</u> | <u>Feet of SACWM</u> | | <u>5%</u> | <u>70%</u> | <u>25%</u> |
| | <u>Feet of 18 GIP</u> | | | | |
| | | | | | |
| | | | | | |

| | | |
|--------------------------------------|--|--|
| Rec Total <u>141</u> BHT <u>100</u> | Gravity <u>API RW 1147 @ 96.6 F</u> | Chlorides <u>36,000</u> ppm |
| (A) Initial Hydrostatic <u>11038</u> | <input checked="" type="checkbox"/> Test <u>1125</u> | T-On Location <u>6:18</u> |
| (B) First Initial Flow <u>43</u> | <input type="checkbox"/> Jars | T-Started <u>6:49</u> |
| (C) First Final Flow <u>74</u> | <input type="checkbox"/> Safety Joint | T-Open <u>8:53</u> |
| (D) Initial Shut-In <u>358</u> | <input type="checkbox"/> Circ Sub | T-Pulled <u>11:53</u> |
| (E) Second Initial Flow <u>78</u> | <input type="checkbox"/> Hourly Standby | T-Out <u>13:33</u> |
| (F) Second Final Flow <u>119</u> | <input checked="" type="checkbox"/> Mileage <u>100RT 140</u> | Comments _____ |
| (G) Final Shut-In <u>389</u> | <input type="checkbox"/> Sampler | |
| (H) Final Hydrostatic <u>15204</u> | <input type="checkbox"/> Straddle | <input type="checkbox"/> Ruined Shale Packer |
| Initial Open <u>30</u> | <input type="checkbox"/> Shale Packer | <input type="checkbox"/> Ruined Packer |
| Initial Shut-In <u>30</u> | <input type="checkbox"/> Extra Packer | <input type="checkbox"/> Extra Copies |
| Final Flow <u>60</u> | <input type="checkbox"/> Extra Recorder | Sub Total <u>0</u> |
| Final Shut-In <u>60</u> | <input type="checkbox"/> Day Standby | Total <u>1205</u> |
| | <input type="checkbox"/> Accessibility | MP/DST Disc't _____ |
| Sub Total <u>1205</u> | | |

Approved By _____

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