



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601 BY: \_\_\_\_\_

RECEIVED  
SEP 27 2011

## Test Ticket

NO. 44637 14343

Well Name & No. Archer B #1 Test No. 1 Date 9-24-11  
 Company John O Farmer INC Elevation 2111 KB 2108 GL  
 Address PO BOX 352 Russell KS 67065-2635  
 Co. Rep / Geo. Randy Kilian Rig Discovery Drilling #1  
 Location: Sec. 6 Twp. 4S Rge. 20 W Co. Phillips State KS

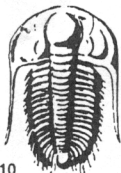
Interval Tested 3315-3340 Zone Tested Toronto  
 Anchor Length 45 Drill Pipe Run 3100 Mud Wt. 8.8  
 Top Packer Depth 3310 Drill Collars Run 30 Vis 55  
 Bottom Packer Depth 3315 Wt. Pipe Run 0 WL 6.4  
 Total Depth 3340 Chlorides 600 ppm System LCM 2

Blow Description IP-Weak Blow Built To 2 1/2 IN  
IS-Dead No Blow Back  
FP-Fair Blow Built To 4 3/4 IN  
FS-Dead No Blow Back

| Rec       | Feet of    | %gas      | %oil | %water    | %mud |
|-----------|------------|-----------|------|-----------|------|
| <u>43</u> | <u>OCM</u> | <u>10</u> |      | <u>90</u> |      |
| <u>10</u> | <u>MCO</u> | <u>50</u> |      | <u>50</u> |      |
| <u>5</u>  | <u>MO</u>  | <u>95</u> |      | <u>5</u>  |      |
|           |            |           |      |           |      |
|           |            |           |      |           |      |

Rec Total 78 BHT 89 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm  
 (A) Initial Hydrostatic 1596 ☒ Test 1125 T-On Location 12:52  
 (B) First Initial Flow 20 ☐ Jars \_\_\_\_\_ T-Started 13:34  
 (C) First Final Flow 36 ☐ Safety Joint \_\_\_\_\_ T-Open 15:15  
 (D) Initial Shut-In 1152 ☐ Circ Sub \_\_\_\_\_ T-Pulled 18:15  
 (E) Second Initial Flow 40 ☐ Hourly Standby \_\_\_\_\_ T-Out 19:58  
 (F) Second Final Flow 52 ☒ Mileage 110 RT 154 Comments \_\_\_\_\_  
 (G) Final Shut-In 1185 ☐ Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1577 ☐ Straddle \_\_\_\_\_

Initial Open 30 ☐ Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 30 ☐ Ruined Packer \_\_\_\_\_  
 Final Flow 60 ☐ Extra Copies \_\_\_\_\_  
 Final Shut-In 60 ☐ Sub Total 0  
 Sub Total 1279 Total 1279 MP/DST Disc't \_\_\_\_\_  
 Approved By \_\_\_\_\_ Our Representative Jeff Brown



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**Test Ticket**

NO. 44638

BY: \_\_\_\_\_

Well Name & No. Archer B #1 Test No. 2 Date 9-25-11  
Company John O Farmer INC Elevation 2111 KB 2107 GL  
Address PO Box 352 Russell KS 67665 + 2635  
Co. Rep / Geo. Randy Kilan Rig Discovery #1  
Location: Sec. Le Twp. 4S Rge. 20W Co. Phillips State KS

Interval Tested 3380-3425 Zone Tested Lansing - C-D  
Anchor Length 45 Drill Pipe Run 33601 Mud Wt. 8.8  
Top Packer Depth 3375 Drill Collars Run 30 Vis 55  
Bottom Packer Depth 3380 Wt. Pipe Run 0 WL 6.4  
Total Depth 3425 Chlorides 400 ppm System LCM 2

Blow Description FP-Weak Blow Bu:IT TO 1 IN  
EST-Dead NO Blow Back  
FP-Dead NO Blow  
FSI-Dead NO Blow Back

| Rec | Feet of            | %gas | %oil | %water | %mud |
|-----|--------------------|------|------|--------|------|
| 10  | MUD WITH A SLUM OF |      |      |        |      |
|     |                    | %gas | %oil | %water | %mud |
|     |                    | %gas | %oil | %water | %mud |
|     |                    | %gas | %oil | %water | %mud |
|     |                    | %gas | %oil | %water | %mud |

Rec Total 10 BHT 90 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1641  
(B) First Initial Flow 20  
(C) First Final Flow 26  
(D) Initial Shut-In 1001  
(E) Second Initial Flow 32  
(F) Second Final Flow 31  
(G) Final Shut-In 934  
(H) Final Hydrostatic 1596

☒ Test 1125  
☐ Jars \_\_\_\_\_  
☐ Safety Joint \_\_\_\_\_  
☐ Circ Sub \_\_\_\_\_  
☐ Hourly Standby \_\_\_\_\_  
☒ Mileage 110 RT 154-Y2  
☐ Sampler 300

T-On Location Le: 34  
T-Started Le: 48  
T-Open 8:22  
T-Pulled 10:22  
T-Out 11:59

Comments Pick up Tool's @ 4:00 PM on 9-26

☐ Straddle \_\_\_\_\_  
☐ Shale Packer \_\_\_\_\_  
☐ Extra Packer \_\_\_\_\_  
☐ Extra Recorder \_\_\_\_\_  
☒ Day Standby 28 hrs 800  
☐ Accessibility \_\_\_\_\_  
Sub Total 12009 1433

☐ Ruined Shale Packer \_\_\_\_\_  
☐ Ruined Packer \_\_\_\_\_  
☐ Extra Copies \_\_\_\_\_  
Sub Total 800  
Total 2079 2233  
MP/DST Disc't \_\_\_\_\_

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

Approved By \_\_\_\_\_

Our Representative Jeff Brown

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