



**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042533/6057

JUL 25 2011

Well Name & No. Miller - Doll Unit 35-42 Test No. 1 Date 7-19-11
 Company Caerus Kansas LLC Elevation 1768 KB 1768 GL
 Address PO Box 1378 Hays KS 67601
 Co. Rep / Geo. Brian Karlin / Jeff Lawler Rig Maverick #108
 Location: Sec. 35 Twp. 20S Rge. 11W Co. Barton State KS

Interval Tested 3175 - 3250 Zone Tested LKC H-J
 Anchor Length 75' Drill Pipe Run 3114 Mud Wt. 9.1
 Top Packer Depth 3170 Drill Collars Run 59 Vis 53
 Bottom Packer Depth 3175 Wt. Pipe Run 0 WL 9.2
 Total Depth 3250 Chlorides 3200 ppm System LCM 1#

Blow Description IF: weak blow 1/2" 15 min
ISI: NO blow back
FF: NO blow Flush Tool
FSI: NO blow back

Rec <u>10'</u>	Feet of <u>Mudd</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 10' BHT 106 Gravity NA API RW NC @ 20 °F Chlorides 3200 ppm

(A) Initial Hydrostatic 1576
 (B) First Initial Flow 15
 (C) First Final Flow 24
 (D) Initial Shut-In 24
 (E) Second Initial Flow 24
 (F) Second Final Flow 41
 (G) Final Shut-In 57
 (H) Final Hydrostatic 1543

☒ Test 1125
☒ Bars NO JARS
☐ Safety Joint
☐ Circ Sub
☐ Hourly Standby
☒ Mileage 120RT 168
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1293

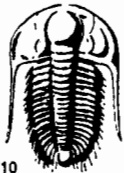
T-On Location 2:30
 T-Started 3:04
 T-Open 4:44
 T-Pulled 6:45
 T-Out 7:45
 Comments
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 8
 Total 1293
 MP/DST Disc't

Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 45

Approved By [Signature]

Our Representative [Signature]

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042534

JUL 25 2011

Well Name & No. MILLER-DOLL unit 35-42 Test No. 2 Date 7-19-11
 Company Cacerus Kansas LLC Elevation 1768 KB 1768 GL
 Address PO Box 1378 Hays KS 67601
 Co. Rep / Geo. Brian Karlin Rig Maverick #108
 Location: Sec. 35 Twp. 20S Rge. 11W Co. Barton State KS

Interval Tested 3292 3334 Zone Tested ARbuckle
 Anchor Length 42' Drill Pipe Run 3301 Mud Wt. 9.3
 Top Packer Depth 3287 Drill Collars Run 0 Vis 54
 Bottom Packer Depth 3292 Wt. Pipe Run 0 WL 8.8
 Total Depth 3334 Chlorides 4800 ppm System LCM 17

Blow Description IF: STRONG blow BOB 1min
ISI: STRONG blow back 8" 30min
FF: STRONG blow BOB 10sec
FSI: STRONG blow back BOB 4min

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>913'</u>	Feet of <u>OIL</u>	%gas <u>100</u>	%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 913' BHT 109 Gravity TO LIGHT TO CHECK API RW — @ — ° F Chlorides — ppm
☒ Test 1125
☐ Jars
☐ Safety Joint
☒ Circ Sub 50
☐ Hourly Standby
☒ Mileage 120 miles 108
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 T-On Location 17:00
 T-Started 17:43
 T-Open 19:48
 T-Pulled 22:15
 T-Out 1:45
 Comments Drop bar Reverse out

(A) Initial Hydrostatic 1678
 (B) First Initial Flow 154
 (C) First Final Flow 311
 (D) Initial Shut-In 366
 (E) Second Initial Flow 287
 (F) Second Final Flow 358
 (G) Final Shut-In 372
 (H) Final Hydrostatic 1573
 Initial Open 15
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 60
 Sub Total 1343
 Sub Total 1343
 Total 1343
 MP/DST Disc't

Approved By [Signature] Our Representative ch. [Signature]

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