

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket 15540

NO. 041566

Well Name & No. Esslinger Ranch INC #3-35 Test No. 1 Date 3-19-11
 Company Barred Oil Co LLC Elevation 2347 KB 2340 GL
 Address RD BOX 428 Logan KS 67646-0428
 Co. Rep / Geo. Richard Bell Rig WIN 8
 Location: Sec. 35 Twp. 35 Rge. 20W Co. Norton State Ks

Interval Tested 3566-3590 Zone Tested LKC "A"
 Anchor Length 24' Drill Pipe Run 345' Mud Wt. 9.0
 Top Packer Depth 3561 Drill Collars Run 122.13 Vis 56
 Bottom Packer Depth 3566 Wt. Pipe Run 0 WL 7.2
 Total Depth 3590 Chlorides 1000 ppm System LCM 1#

Blow Description IF: Foam 1" in 9min. building to 2 inches
IS: No Return
FF: 1/2" blow
FS: No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Oil</u>				
<u>65</u>	<u>OS MW</u>			<u>70%</u>	<u>30%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 70' BHT 96 Gravity 1125 API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic 1790 ☒ Test 1125 T-On Location 1630
 (B) First Initial Flow 13 ☐ Jars T-Started 1702
 (C) First Final Flow 39 ☐ Safety Joint T-Open 1826
 (D) Initial Shut-In 1137 ☐ Circ Sub T-Pulled 2126
 (E) Second Initial Flow 44 ☐ Hourly Standby T-Out 2326
 (F) Second Final Flow 65 ☒ Mileage 94 RT 117.50 Comments
 (G) Final Shut-In 1074 ☐ Sampler
 (H) Final Hydrostatic 1775 ☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility

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

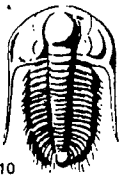
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 1242.50
 MP/DST Disc't

Approved By Richard Bell

Our Representative

Andy Car

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. 041567

Well Name & No. Esslinger Ranch inc #3-35 Test No. 2 Date 3-20-11
 Company Baird Oil Co. LLC Elevation 2347 KB 2340 GL
 Address PO Box 428 Logan Ks. 67646-0428
 Co. Rep / Geo. Richard Bell Rig WW 8
 Location: Sec. 35 Twp. 35 Rge. 22W Co. Norton State Ks

Interval Tested 3592-3613 Zone Tested 1KL" C"
 Anchor Length 21' Drill Pipe Run 3480 Mud Wt. 9.0
 Top Packer Depth 3587 Drill Collars Run 122.13 Vis 5600
 Bottom Packer Depth 3592 Wt. Pipe Run 7 WL 7.2
 Total Depth 3613 Chlorides 1000 ppm System LCM 1#

Blow Description IF: 4inch in 11min BOB, 32min.
IS: Return blow, 4inch in 10min
FF: 4inch in 6min BOB, 24min
FS: Return blow, 4inch in 8min.

Rec	Feet of	%gas	%oil	%water	%mud
270	GIP				
90	BCD	10 %gas	90 %oil	%water	%mud
60	BCD	10 %gas	60 %oil	%water	30 %mud
60	BCD	10 %gas	40 %oil	%water	50 %mud

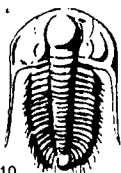
Rec Total 210' BHT 97 Gravity 33 API RW @ ° F Chlorides ppm
 (A) Initial Hydrostatic 1791 ☒ Test 1125 T-On Location 0535
 (B) First Initial Flow 16 ☐ Jars T-Started 0603
 (C) First Final Flow 60 ☐ Safety Joint T-Open 0757
 (D) Initial Shut-In 1184 ☐ Circ Sub T-Pulled 1057
 (E) Second Initial Flow 72 ☐ Hourly Standby T-Out 1257
 (F) Second Final Flow 91 ☒ Mileage 94 RT 117.50 Comments
 (G) Final Shut-In 1143 ☐ Sampler
 (H) Final Hydrostatic 1761 ☐ Straddle ☐ Ruined Shale Packer
☐ Shale Packer ☐ Ruined Packer
☐ Extra Packer ☐ Extra Copies
☐ Extra Recorder Sub Total 8
☐ Day Standby Total 1242.50
☐ Accessibility MP/DST Disc't

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

Approved By Richard Bell

Our Representative Andy Carr

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**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041568

Well Name & No. Esslinger Ranch INC #3-35 Test No. 3 Date 3-20-11
 Company Barred Oil Co. Inc. Elevation 2347 KB 2340 GL
 Address PO Box 428 Logan Ks. 67646-0428
 Co. Rep / Geo. Richard Bell Rig WW8
 Location: Sec. 35 Twp. 35 Rge. 22W Co. Norton State Ks.

Interval Tested 3612-3630 Zone Tested LKC "D"
 Anchor Length 18' Drill Pipe Run 3483 Mud Wt. 50
 Top Packer Depth 3607 Drill Collars Run 122.13 Vis 9.2
 Bottom Packer Depth 3612 Wt. Pipe Run D WL 7.2
 Total Depth 3630 Chlorides 1200 ppm System LCM 1#

Blow Description IF: BOB, 5min.
IS: Return blow, 2 inches in 15min, built to 6 inches
FF: BOB, 2min
FS: Return blow, built to 6 inches

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>350</u>	Feet of <u>BIP</u>				
Rec <u>7 60</u>	Feet of <u>HOLE GM</u>	<u>5</u> %gas	<u>45</u> %oil	<u>%water</u>	<u>50</u> %mud
Rec <u>4 610</u>	Feet of <u>BCO</u>	<u>15</u> %gas	<u>85</u> %oil	<u>%water</u>	<u>%mud</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

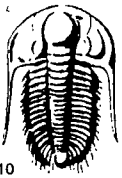
Rec Total 670 BHT 100 Gravity 34 API RW @ ° F Chlorides ppm
 (A) Initial Hydrostatic 1836 ☒ Test 1125 T-On Location 1740
 (B) First Initial Flow 32 ☐ Jars T-Started 1804
 (C) First Final Flow 153 ☐ Safety Joint T-Open 1935
 (D) Initial Shut-In 1201 ☐ Circ Sub T-Pulled 2205
 (E) Second Initial Flow 171 ☐ Hourly Standby T-Out 00:48
 (F) Second Final Flow 245 ☒ Mileage 94. RT 117.50 Comments
 (G) Final Shut-In 1175 ☐ Sampler
 (H) Final Hydrostatic 1770 ☐ Straddle ☐ Ruined Shale Packer
☐ Shale Packer ☐ Ruined Packer
☐ Extra Packer ☐ Extra Copies
☐ Extra Recorder Sub Total 8
☐ Day Standby Total 1242.50
☐ Accessibility MP/DST Disc't

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

Approved By Richard Bell

Our Representative Prody Can

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Test Ticket

NO. 041569

Well Name & No. Esslinger Ranch inc #3-35 Test No. 4 Date 3-21-17
Company Boiled Oil Co. inc Elevation 2347 KB 2340 GL
Address PO Box 428 Logan Ks. 67646-0428
Co. Rep / Geo. Richard Bell Rig 4/W8
Location: Sec. 35 Twp. 33 Rge. 24W Co. Norton State Ks.

Interval Tested 3630-3648 Zone Tested 1 KC "F"
Anchor Length 18' Drill Pipe Run 3513 Mud Wt. 5.0
Top Packer Depth 3625 Drill Collars Run 122.13 Vis 9.2
Bottom Packer Depth 3630 Wt. Pipe Run 0 WL 7.2
Total Depth 3648 Chlorides 1200 ppm System LCM 1#

Blow Description IF: 1" blow in 11 min. built to 2 inches
IS: No Return
FP: built to 1 inch
FS: No Return

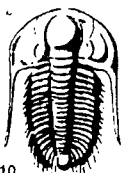
Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>Oil</u>				
<u>50'</u>	<u>MCO</u>		<u>60</u>		<u>40</u>

Rec Total 60' BHT 93 Gravity 1125 API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic 1820 ☒ Test 1125 T-On Location 0659
(B) First Initial Flow 12 ☐ Jars T-Started 0728
(C) First Final Flow 24 ☐ Safety Joint T-Open 0846
(D) Initial Shut-In 1110 ☐ Circ Sub T-Pulled 11:01
(E) Second Initial Flow 28 ☐ Hourly Standby T-Out 12:51
(F) Second Final Flow 38 ☒ Mileage 94 RT 117.50 Comments
(G) Final Shut-In 1092 ☐ Sampler
(H) Final Hydrostatic 1812 ☐ Straddle

Initial Open 30 ☐ Shale Packer ☐ Ruined Shale Packer
Initial Shut-In 30 ☐ Extra Packer ☐ Ruined Packer
Final Flow 30 ☐ Extra Recorder ☐ Extra Copies
Final Shut-In 45 ☐ Day Standby Sub Total 0
☐ Accessibility Total 1242.50
Sub Total 1242.50 MP/DST Disc't

Approved By Richard Bell Our Representative Andy Can
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Test Ticket

NO. 041570

Well Name & No. Esslinger Ranch Inc. #3-35 Test No. 5 Date 3-21-11
 Company Bored Oil Co. Inc. Elevation 2345 KB 2340 GL
 Address PO Box 428 Logan Ks. 67646-0428
 Co. Rep / Geo. Richard Bell Rig WW8
 Location: Sec. 35 Twp. 33 Rge. 22N Co. Neaton State Ks.

Interval Tested 3648-3665 Zone Tested 12C13
 Anchor Length 17' Drill Pipe Run 3513 Mud Wt. 50
 Top Packer Depth 3643 Drill Collars Run 10013 Vis 9.2
 Bottom Packer Depth 3648 Wt. Pipe Run 0 WL 7.2
 Total Depth 3665 Chlorides 1200 ppm System LCM 1#

Blow Description FF: Weak 4" blow
IS: NO RETURN
FF: —
FS: —

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>50cm</u>		<u>5</u>		<u>95</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 10' BHT 92 Gravity 1125 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1798</u>	☒ Test	T-On Location <u>1824</u>
(B) First Initial Flow <u>12</u>	☐ Jars	T-Started <u>1846</u>
(C) First Final Flow <u>17</u>	☐ Safety Joint	T-Open <u>20:18</u>
(D) Initial Shut-In <u>394</u>	☐ Circ Sub	T-Pulled <u>21:18</u>
(E) Second Initial Flow <u>17H -</u>	☐ Hourly Standby	T-Out <u>22:53</u>
(F) Second Final Flow <u>—</u>	☒ Mileage <u>94 RT 117.50</u>	Comments <u>—</u>
(G) Final Shut-In <u>—</u>	☐ Sampler	
(H) Final Hydrostatic <u>1711</u>	☐ Straddle	

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

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 1242.50
 MP/DST Disc't —
 Sub Total 1242.50

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