

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042798 15724

4/10

Well Name & No. RRL Unit #1-25 Test No. 1 Date 5-2-11
 Company Downing Nelson Oil Co., Inc. Elevation 2311 KB 2304 GL
 Address P.O. Box 1019 Hays, KS 67601
 Co. Rep / Geo. Ron Nelson Rig Discovery #3
 Location: Sec. 25 Twp. 13S Rge. 2/W Co. Trego State KS

Interval Tested 3606-3645 Zone Tested LKC
 Anchor Length 39' Drill Pipe Run 3580 Mud Wt. 8.6
 Top Packer Depth 3601 Drill Collars Run 31.53 Vis 82
 Bottom Packer Depth 3606 Wt. Pipe Run 0 WL 8.0
 Total Depth 3645 Chlorides 3000 ppm System LCM 2#

Blow Description FF-Weak building blow. Built to 3 1/4 inches.
FBI- No Return.
FF- Weak building blow. Built to 3 1/4 inches.
FBI- No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>6</u>	<u>0 1 M/W</u>	<u>80</u>	<u>5</u>	<u>15</u>	<u>0</u>
<u>30</u>	<u>M/W/O</u>	<u>5</u>	<u>20</u>	<u>75</u>	<u>0</u>
<u>60</u>	<u>M/W/O</u>	<u>5</u>	<u>45</u>	<u>50</u>	<u>0</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 96 BHT 110 Gravity 42 API RW 121 @ 85 ° F Chlorides 52500 ppm

(A) Initial Hydrostatic 1748 Test 1125' T-On Location 0715
 (B) First Initial Flow 14 Jars T-Started 0800
 (C) First Final Flow 42 Safety Joint T-Open 0935
 (D) Initial Shut-In 500 Circ Sub T-Pulled 1235
 (E) Second Initial Flow 46 Hourly Standby T-Out 1415
 (F) Second Final Flow 58 Mileage 52 RT 72.80 Comments BHT-0748
 (G) Final Shut-In 494 Sampler
 (H) Final Hydrostatic 1784 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder
 Day Standby
 Accessibility

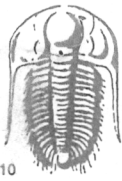
Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Sub Total 1197.80 Total 1197.80 MP/DST Disc't

Approved By _____

Our Representative D. Rash

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. 042799

Well Name & No. RBL Unit #1-25 Test No. 2 Date 5-2-11
 Company Downing Nelson Oil Co., Inc. Elevation 2311 KB 2304 GL
 Address P.O. Box 1019 Hays, KS 67601
 Co. Rep / Geo. Ron Nelson Rig Discovery 3
 Location: Sec. 25 Twp. 13S Rge. 21W Co. Trego State KS

Interval Tested 3649-3670 Zone Tested LKC "E"
 Anchor Length 21' Drill Pipe Run 3611 Mud Wt. 9.1
 Top Packer Depth 3644 Drill Collars Run 31.53 Vis 50
 Bottom Packer Depth 3649 Wt. Pipe Run Ø WL 8.8
 Total Depth 3670 Chlorides 3000 ppm System LCM 1.5#

Blow Description IF - Strong building blow. B.O.B. @ 2 min 40 sec.
ISI - Return @ 15 seconds. B.O.B. @ 16 minutes.
FF - Fair building blow. B.O.B. in 8 minutes.
FBI - Return @ 15 seconds. B.O.B. in 24 minutes.

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>0/6</u>	<u>40</u>	<u>60</u>		
<u>60</u>	<u>M/W/16/10</u>	<u>20</u>	<u>10</u>	<u>20</u>	<u>50</u>
<u>120</u>	<u>W/M/10</u>		<u>5</u>	<u>65</u>	<u>30</u>
<u>180</u>	<u>W/M</u>			<u>90</u>	<u>10</u>
<u>930'</u>	<u>G.I.P.</u>				

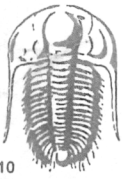
Rec Total 510 BHT 119 Gravity 41 API RW 1107 @ 44 °F Chlorides 115,000 ppm

(A) Initial Hydrostatic 1783 Test 1125 T-On Location 1945
 (B) First Initial Flow 36 Jars _____ T-Started 2015
 (C) First Final Flow 159 Safety Joint _____ T-Open 2145
 (D) Initial Shut-In 380 Circ Sub _____ T-Pulled 0015
 (E) Second Initial Flow 165 Hourly Standby _____ T-Out 0245
 (F) Second Final Flow 241 Mileage 52 RT 5280 Comments BWT-2005
 (G) Final Shut-In 379 Sampler _____
 (H) Final Hydrostatic 1684 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 45
 Sub Total Ø
 Total 1197.80
 MP/DST Disc't _____
 Sub Total 1197.80

Approved By _____ Our Representative D. Rash

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042800

Well Name & No. RBL Unit #1-25 Test No. 3 Date 5-3-11
 Company Downing Nelson Oil Co, Inc Elevation 2311 KB 2304 GL
 Address P.O. Box 1019 Hays, KS 67601
 Co. Rep / Geo. Ron Nelson Rig Discovery 3
 Location: Sec. 25 Twp. 13S Rge. 21W Co. Trego State KS

Interval Tested 3765-3792 Zone Tested LKC "J"
 Anchor Length 27' Drill Pipe Run 3736 Mud Wt. 9.2
 Top Packer Depth 3760 Drill Collars Run 31.53 Vis 50
 Bottom Packer Depth 3765 Wt. Pipe Run 0 WL 8.8
 Total Depth 3792 Chlorides 5000 ppm System LCM 1.5#

Blow Description IF- Weak building blow, B.O.B. in 17 minutes.
ISE- No Return.
FF- Weak building blow, B.O.B. in 13 minutes 40 seconds.
FSE- No Return.

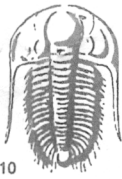
Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>610' M/W</u>	<u>50</u>	<u>35</u>	<u>5</u>	<u>10</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>434' G.I.P.</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 120 BHT 114 Gravity 1125 API RW @ 52RT °F Chlorides 5000 ppm
 (A) Initial Hydrostatic 1898 Test 1125 T-On Location 1315
 (B) First Initial Flow 16 Jars T-Started 1350
 (C) First Final Flow 40 Safety Joint T-Open 1525
 (D) Initial Shut-In 509 Circ Sub T-Pulled 1825
 (E) Second Initial Flow 42 Hourly Standby 52RT T-Out 2015
 (F) Second Final Flow 62 Mileage 26X2 72.80 Comments BHT=1342
 (G) Final Shut-In 506 Sampler
 (H) Final Hydrostatic 1806 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder
 Day Standby
 Accessibility

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45
 Sub Total 1197.80 MP/DST Disc't

Approved By _____ Our Representative D. Red

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042876

Well Name & No. RBL Unit #1-25 Test No. 4 Date 5-4-11
 Company Downing Nelson Oil Co., Inc. Elevation 2311 KB 2304 GL
 Address P.O. Box 1019 Hays, KS. 67601
 Co. Rep / Geo. Ron Nelson Rig Discovery 3
 Location: Sec. 25 Twp. 13S Rge. 21W Co. Trego State KS

Interval Tested 3910-3935 Zone Tested _____
 Anchor Length 25' Drill Pipe Run 3892 Mud Wt. 9.2
 Top Packer Depth 3905 Drill Collars Run 31.53 Vis 51
 Bottom Packer Depth 3910 Wt. Pipe Run 0 WL 9.6
 Total Depth 3935 Chlorides 6000 ppm System LCM 1.5#

Blow Description IF - Strong building blow. Bi.O.B. in 4 minutes 40 seconds.
FF - Surging surface return @ 45 seconds. Built to 1/4 inch.
FF - Weak building blow. Built to 10 inches.
FF - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>185</u>	<u>0/G</u>	<u>50</u>	<u>50</u>		
<u>30</u>	<u>0/M/G</u>	<u>20</u>	<u>40</u>		<u>40</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>275' G.I.P.</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 215 BHT 117 Gravity 37 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1944 Test 1125 T-On Location 1030
 (B) First Initial Flow 30 Jars _____ T-Started 1100
 (C) First Final Flow 69 Safety Joint _____ T-Open 1235
 (D) Initial Shut-In 497 Circ Sub _____ T-Pulled 1505
 (E) Second Initial Flow 72 Hourly Standby _____ T-Out 1700
 (F) Second Final Flow 88 Mileage 52 RT - 72.0 Comments BHT-1054
 (G) Final Shut-In 257 Sampler _____
 (H) Final Hydrostatic 1880 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1197.50
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1197.50

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