

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
DEC 13 2011

Test Ticket

NO. 44219

4/10

BY: _____

Well Name & No.	Pflanzenstiel #1-12		Test No.	2	Date	12-3-11
Company	Downing-Nelson Oil Co., Inc.		Elevation	2159	KB	2151 GL
Address	P.O. Box 1019 Hays, KS 67601					
Co. Rep / Geo.	Mark Downing		Rig	Discovery 3		
Location: Sec.	12	Twp.	14S	Rge.	19W	Co. Ellis State KS

Interval Tested	3379-3410	Zone Tested	Plattsmouth		
Anchor Length	31'	Drill Pipe Run	3359	Mud Wt.	8.9
Top Packer Depth	3374	Drill Collars Run	31.54	Vis	48
Bottom Packer Depth	3379	Wt. Pipe Run	Ø	WL	8.0
Total Depth	3410	Chlorides	4000 ppm	System	LCM 2#

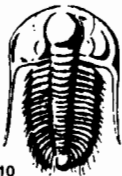
Blow Description IF - Very weak building blow. Built to 2 1/2 inches.
IST - No Return.
FF - Very weak building blow. Built to 2 inches.
FST - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
50	Muddy Water			50	50

Rec Total	50	BHT	Gravity	API RW	1253 @ 31 °F	Chlorides	73000 ppm
(A) Initial Hydrostatic	1631	<input checked="" type="checkbox"/> Test	125-	T-On Location	0830		
(B) First Initial Flow	14	<input type="checkbox"/> Jars		T-Started	1015		
(C) First Final Flow	32	<input type="checkbox"/> Safety Joint		T-Open	1224		
(D) Initial Shut-In	1105	<input type="checkbox"/> Circ Sub		T-Pulled	1525		
(E) Second Initial Flow	30	<input type="checkbox"/> Hourly Standby		T-Out	1715		
(F) Second Final Flow	38	<input checked="" type="checkbox"/> Mileage	4x2 11.20	Comments	BART-1008		
(G) Final Shut-In	1064	<input type="checkbox"/> Sampler					
(H) Final Hydrostatic	1606	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer			
		<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer			
Initial Open	45	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies			
Initial Shut-In	45	<input type="checkbox"/> Extra Recorder		Sub Total	Ø		
Final Flow	45	<input type="checkbox"/> Day Standby		Total	1136.20		
Final Shut-In	45	<input type="checkbox"/> Accessibility		MP/DST Disc't			
		Sub Total	1136.20				

Approved By _____ Our Representative D. Kash

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. 44220

BY: _____

Well Name & No. Phannenstiel #1-12 Test No. 2 Date 12-4-11
 Company Downing-Nelson Oil Co., Inc. Elevation 2159 KB 2151 GL
 Address P.O. Box 1019 Hays, KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery 3
 Location: Sec. 12 Twp. 14S Rge. 19W Co. Ellis State KS

Interval Tested 3500-3524 Zone Tested LKC "D"
 Anchor Length 24' Drill Pipe Run 34.54 Mud Wt. 8.9
 Top Packer Depth 3495 Drill Collars Run 31.54 Vis 48
 Bottom Packer Depth 3500 Wt. Pipe Run 0 WL 8.0
 Total Depth 3524 Chlorides 4000 ppm System LCM 2#

Blow Description IF - Very weak bubbling blow. Built to 1 1/4 in. Died to 1/2 in.
IS - No Return.
FF - Very weak surface blow. Died @ 18 minutes.
FS - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Mud</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 Total 20 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1714 Test 1125 T-On Location 0345
 (B) First Initial Flow 17 Jars _____ T-Started 0515
 (C) First Final Flow 18 Safety Joint _____ T-Open 0705
 (D) Initial Shut-In 623 Circ Sub _____ T-Pulled 0935
 (E) Second Initial Flow 19 Hourly Standby _____ T-Out 1130
 (F) Second Final Flow 20 Mileage 4X2 11.20 Comments BUT-0512
 (G) Final Shut-In 524 Sampler _____
 (H) Final Hydrostatic 1657 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 45 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1136.20
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1136.20

Approved By _____ Our Representative D. Roth

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Test Ticket

NO. 44221

Well Name & No. Planersteel #1-12 Test No. 3 Date 12-5-11
 Company Downing-Nelson Oil Co., Inc. Elevation 2159 KB 2151 GL
 Address P.O. Box 1019 Hays, KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery 3
 Location: Sec. 12 Twp. 14S Rge. 19W Co. Ellis State KS

Interval Tested 3573-3656 Zone Tested LKC "H-K"
 Anchor Length 83' Drill Pipe Run 3552 Mud Wt. 8.9
 Top Packer Depth ~~3551~~ 3568 Drill Collars Run 31.54 Vis 48
 Bottom Packer Depth ~~3556~~ 3573 Wt. Pipe Run 6 WL 8.0
 Total Depth 3656 Chlorides 5000 ppm System LCM 2#

Blow Description IF - Very weak building blow, Built to 6 inches,
YSI - Weak return, Built to 1 inch. Tool fouled up on shut-in,
FF - Very weak building blow, Built to 5 inches,
FST - No Return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>USOCM</u>	<u>2</u>		<u>98</u>	
<u>120</u>	<u>Muddy Water</u>		<u>50</u>	<u>50</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 180 BHT _____ Gravity ✓ API RW 1.20 @ 20 ° F Chlorides 13000 ppm

- (A) Initial Hydrostatic 1754
- (B) First Initial Flow 19
- (C) First Final Flow 75
- (D) Initial Shut-In 671
- (E) Second Initial Flow 80
- (F) Second Final Flow 103
- (G) Final Shut-In 647
- (H) Final Hydrostatic 1749

- Test 1125'
- Jars _____
- Safety Joint _____
- Circ Sub _____
- Hourly Standby 1/2 hr 50'
- Mileage 4x2 11.20
- Sampler _____
- Straddle _____
- Shale Packer _____
- Extra Packer _____
- Extra Recorder _____
- Day Standby _____
- Accessibility _____

T-On Location 0215
 T-Started 0315
 T-Open 0520
 T-Pulled 1025
 T-Out 1145
 Comments Bar-0300

Initial Open ~~90~~ 90
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

- Ruined Shale Packer _____
- Ruined Packer _____
- Extra Copies _____
- Sub Total 0
- Total 1161.20
- MP/DST Disc't _____
- Sub Total 1161.20

Approved By _____ Our Representative D. Rash

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Test Ticket

NO. 44222

4/10

BY:

Well Name & No. Pfannerstiel # 1-12 Test No. 4 Date 12-6-11
 Company Downing-Nelson Oil Co, Inc. Elevation 2159 KB 2151 GL
 Address P.O. Box 1019 Hays, KS 67601
 Co. Rep / Geo. Mark Downing Rig Discovery 3
 Location: Sec. 12 Twp. 14S. Rge. 19W. Co. Ellis State KS

Interval Tested 3413-3443 Zone Tested Toronto
 Anchor Length 30' 451 TP Drill Pipe Run _____ Mud Wt. 8.9
 Top Packer Depth 3408 Drill Collars Run 93 Vis 48
 Bottom Packer Depth 3413 3443 SP Wt. Pipe Run 0 WL 8.8
 Total Depth 3894 Chlorides 6000 ppm System LCM 1.5#

Blow Description FF - Very weak building blow, Bust to 4 inches.
IST - No Return,
FF - Very weak building blow, Bust to 1 1/2 inches, Died off to 1 inch.
FST - No Return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>Mud w/ Oil Specs</u>	<u>1</u>		<u>99</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 45 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1736</u>	<input checked="" type="checkbox"/> Test <u>1125'</u>	T-On Location <u>1200</u>
(B) First Initial Flow <u>20</u>	<input type="checkbox"/> Jars _____	T-Started <u>1315</u>
(C) First Final Flow <u>25</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>1520</u>
(D) Initial Shut-In <u>914</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1825</u>
(E) Second Initial Flow <u>29</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>2040</u>
(F) Second Final Flow <u>34</u>	<input checked="" type="checkbox"/> Mileage <u>8RT 11.20</u>	Comments <u>BATT-1334</u>
(G) Final Shut-In <u>865</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1712</u>	<input checked="" type="checkbox"/> Straddle <u>600'</u>	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>1736.20</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1736.20</u>	

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