

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

DEC 17 2010

NO. 04060315189

Well Name & No. Welch # 1-14 Test No. 1 Date 12-10-10
 Company LARIO Oil & Gas Company Elevation 2804 KB 2801 GL
 Address 301 S. Market St Wichita KS 67202
 Co. Rep / Geo. Tim Lauer Rig WW2
 Location: Sec. 14 Twp. 14 Rge. 32 Co. Logan State KS

Interval Tested 3827-3860 Zone Tested B+C
 Anchor Length 33 Drill Pipe Run 3690 Mud Wt. 8.8
 Top Packer Depth 3823 Drill Collars Run 123 Vis 55
 Bottom Packer Depth 3827 Wt. Pipe Run Ø WL 8.8
 Total Depth 3860 Chlorides 2700 ppm System LCM 1

Blow Description IF: BOB in 17 Min
IS: NO Return Blow
FF: BOB in 25 Min
FS: NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Feet of Free oil</u>	<u>100</u>			
<u>62</u>	<u>Feet of oil with oil spots</u>		<u>90</u>	<u>60</u>	
<u>452</u>	<u>Feet of SW with oil spots</u>		<u>100</u>		

Rec Total 515 BHT 115 Gravity ✓ API RW 1369 @ 51.6°F Chlorides 27,000 ppm
 (A) Initial Hydrostatic 1846 Test 1125.00 T-On Location 2:42 14:40
 (B) First Initial Flow 20 Jars 250.00 T-Started 4:01
 (C) First Final Flow 151 Safety Joint 75.00 T-Open 6:09
 (D) Initial Shut-In 1054 Circ Sub NL T-Pulled 9:10
 (E) Second Initial Flow 156 Hourly Standby _____ T-Out 23:32
 (F) Second Final Flow 281 Mileage 56 RT = 70.00 Comments _____
 (G) Final Shut-In 1048 Sampler _____
 (H) Final Hydrostatic 1820 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Sub Total 1520
 MP/DST Disc't _____

Approved By Tim J. Lauer Our Representative Mike Roberts

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. 040604

DEC 17 2010

Well Name & No. Welch #1-14 Test No. 2 Date 12-11-10
 Company LARIO Oil + Gas Company Elevation 2806 KB 2801 GL
 Address 301 S. Market St. Wichita KS 67202
 Co. Rep / Geo. Tim Lauer Rig WW 2
 Location: Sec. 14 Twp. 14 Rge. 32 Co. Logan State KS

Interval Tested 3958-3990 Zone Tested H
 Anchor Length 32' Drill Pipe Run 3816 Mud Wt. 9.1
 Top Packer Depth 3954 Drill Collars Run 123 Vis 54
 Bottom Packer Depth 3958 Wt. Pipe Run ∅ WL 9.2
 Total Depth 3990 Chlorides 3000 ppm System LCM 1

Blow Description IF: Built to 1/8" Blow
IS: NO Return Blow
FF: Built to Weak Surface Blow
FS: NO Return Blow

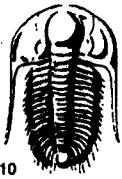
Rec	Feet of	%gas	%oil	%water	%mud
<u>123</u>	<u>M with Oil spots</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 123 BHT 107 Gravity 1 API RW 1 @ 1 ° F Chlorides 1 ppm
 (A) Initial Hydrostatic 1933 Test \$125.00 T-On Location 13:42
 (B) First Initial Flow 16 Jars T-Started 14:27
 (C) First Final Flow 33 Safety Joint \$75.00 T-Open 16:16
 (D) Initial Shut-In 859 Circ Sub NL T-Pulled 19:16
 (E) Second Initial Flow 35 Hourly Standby T-Out 20:53
 (F) Second Final Flow 53 Mileage \$70.00 Comments _____
 (G) Final Shut-In 828 Sampler _____
 (H) Final Hydrostatic 1934 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 45 Ruined Packer _____
 Final Flow 45 Extra Copies _____
 Final Shut-In 60 Sub Total ∅
 Total 1270
 MP/DST Disc't _____
 Sub Total \$1270.00

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P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 040605

DEC 17 2010

Well Name & No. Welch # 1-14 Test No. 3 Date 12-12-10
 Company LARIO Oil + Gas Company Elevation 2806 KB 2801 GL
 Address 301 S. Market St. Wichita KS 67202
 Co. Rep / Geo. Tim Lauer Rig WW 2
 Location: Sec. 14 Twp. 14 Rge. 32 Co. LOGAN State KS

Interval Tested 3991-4020 Zone Tested I
 Anchor Length 29 Drill Pipe Run 3847 Mud Wt. 9.1
 Top Packer Depth 3987 Drill Collars Run 123 Vis 54
 Bottom Packer Depth 3991 Wt. Pipe Run 0 WL 9.2
 Total Depth 4020 Chlorides 3000 ppm System LCM 1

Blow Description IF: BOB in 13 Min
IS: 1 1/2" Return Blow
FF: BOB in 6 Min
FS: 3" Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>Feet of GIP = 806 806</u>	<u>100</u>			
<u>247</u>	<u>Feet of GIP mcgo</u>	<u>20</u>	<u>65</u>	<u>15</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 247 BHT 111 Gravity 1 API RW 1 @ 1 °F Chlorides 1 ppm

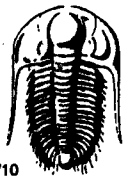
(A) Initial Hydrostatic 1975 Test 1225.00 T-On Location 04:00
 (B) First Initial Flow 23 Jars T-Started ~~04:00~~ 05:00
 (C) First Final Flow 82 Safety Joint 75.00 T-Open 07:03
 (D) Initial Shut-In 966 Circ Sub NC T-Pulled 10:03
 (E) Second Initial Flow 81 Hourly Standby T-Out 12:18
 (F) Second Final Flow 123 Mileage 70.00% Comments _____
 (G) Final Shut-In 936 Sampler _____
 (H) Final Hydrostatic 1952 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

Sub Total \$1370.00 MP/DST Disc't _____

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DEC 17 2010

Test Ticket

NO. 040606

Well Name & No. Welch #1-14 Test No. 4 Date 12-12-10
 Company LARCO Oil + Gms Company Elevation 2806 KB 2801 GL
 Address 301 S. Market St. Wichita KS 67202
 Co. Rep / Geo. Tim Lauer Rig WW 2
 Location: Sec. 14 Twp. 14 Rge. 32 Co. Logan State KS

Interval Tested 4019-4053 Zone Tested J
 Anchor Length 34' Drill Pipe Run 3878 Mud Wt. 9.2
 Top Packer Depth 4015 Drill Collars Run 123 Vis 53
 Bottom Packer Depth 4019 Wt. Pipe Run Ø WL 9.6
 Total Depth 4053 Chlorides 3300 ppm System LCM 1

Blow Description IF: Built to 6" Blow
IS: No Return Blow
FF: Built to 7 1/2" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Feet of Free Oil</u>	<u>100</u>			
<u>0</u>	<u>Feet of 248 GIP</u>	<u>100</u>			
<u>133</u>	<u>Feet of FF gemo</u>	<u>5</u>	<u>50</u>		<u>45</u>

Rec Total 134 BHT 108 Gravity 1 API RW 1 °F Chlorides X ppm
 (A) Initial Hydrostatic 2003 Test 1225.00 T-On Location 18:25
 (B) First Initial Flow 18 Bars 75.00 T-Started 19:00
 (C) First Final Flow 46 Safety Joint 75.00 T-Open 20:57
 (D) Initial Shut-In 1046 Circ Sub NC T-Pulled 23:57
 (E) Second Initial Flow 51 Hourly Standby T-Out 01:57
 (F) Second Final Flow 64 Mileage 56 RT = 70.00 Comments _____
 (G) Final Shut-In 1051 Sampler _____
 (H) Final Hydrostatic 1970 Straddle _____

Initial Open 30 Shale Packer 250.00 Ruined Shale Packer _____
 Initial Shut-In 45 Extra Packer _____ Ruined Packer _____
 Final Flow 45 Extra Recorder _____ Extra Copies _____
 Final Shut-In 60 Day Standby _____ Sub Total Ø
 Accessibility _____ Total 1620
 Sub Total 1620.00 MP/DST Disc't _____

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Test Ticket

NO. 040607

DEC 17 2010

Well Name & No. Welch # 1-14 Test No. 5 Date 12-13-10
 Company LARIO Oil & Gas Company Elevation 2806 KB 2801 GL
 Address 301 S. Market St. Wichita KS 67202
 Co. Rep / Geo. Tim Lauer Rig WW 2
 Location: Sec. 14 Twp. 14 Rge. 32 Co. LOGAN State KS

Interval Tested 4083-4103 Zone Tested "L"
 Anchor Length 20 Drill Pipe Run 3939 Mud Wt. 9.2
 Top Packer Depth 4079 Drill Collars Run 123 Vis 59
 Bottom Packer Depth 4083 Wt. Pipe Run 0 WL 10.4
 Total Depth 4103 Chlorides 4400 ppm System LCM 1

Blow Description IF! Weak Surface Blow
IS! NO Return Blow
FF! Weak Surface Blow
FS! NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>M with oil spots</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 5 BHT 105 Gravity 1 API RW 1 @ 1 ° F Chlorides 1 ppm
 (A) Initial Hydrostatic 1981 Test 1225.00 T-On Location 11:10
 (B) First Initial Flow 16 Jars T-Started 12:00
 (C) First Final Flow 17 Safety Joint 75.00 T-Open 13:52
 (D) Initial Shut-In 49 Circ Sub NC T-Pulled 16:22
 (E) Second Initial Flow 16 Hourly Standby T-Out 17:49
 (F) Second Final Flow 17 Mileage 56 RT = 70.00 Comments _____
 (G) Final Shut-In 36 Sampler _____
 (H) Final Hydrostatic _____ Straddle _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 45 Shale Packer _____
 Final Flow 30 Extra Packer _____
 Final Shut-In 45 Extra Recorder _____
 Sub Total 1370.00 Day Standby _____
 Total _____ Accessibility _____
 MP/DST Disc't _____

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DEC 17 2010

Test Ticket

NO. 040608

Well Name & No. Welch #1-14 Test No. 6 Date 12-14-10
 Company Lario Oil & Gas Company Elevation 2806 KB 2801 GL
 Address 301 S. Market St. Wichita KS 67202
 Co. Rep / Geo. Tim Laver Rig WW 2
 Location: Sec. 14 Twp. 14 Rge. 32 Co. Logan State KS

Interval Tested 4343-4405 Zone Tested CK Lime
 Anchor Length 62 Drill Pipe Run 4223 Mud Wt. 9.4
 Top Packer Depth 4439 Drill Collars Run 123 Vis 59
 Bottom Packer Depth 4443 Wt. Pipe Run Ø WL 11.2
 Total Depth 4405 Chlorides 4000 ppm System LCM 1
 Blow Description IF: BOB in 25 min
IS: Weak Surface Blow
FF: BOB in 16 min
FS: 1/8" Return Blow

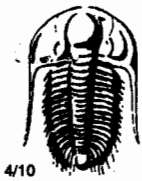
Rec	Feet of	%gas	%oil	%water	%mud
0	GIP = 340				
30	mcgo gcom	10	30	60	
62	gcd	40	60		
123	mcgo	10	80	10	

Rec Total 215 BHT 114 Gravity — API RW — @ — °F Chlorides — ppm
 (A) Initial Hydrostatic 2221 Test 1225.00 T-On Location 12:10
 (B) First Initial Flow 39 Jars — T-Started 01:10
 (C) First Final Flow 83 Safety Joint 75.00 T-Open 03:16
 (D) Initial Shut-In 1077 Circ Sub — T-Pulled 06:16
 (E) Second Initial Flow 82 Hourly Standby — T-Out 08:56
 (F) Second Final Flow 110 Mileage 56 RT = 70.00 Comments —
 (G) Final Shut-In 1077 Sampler —
 (H) Final Hydrostatic 2181 Straddle —
 Ruined Shale Packer
 Ruined Packer
 Extra Copies

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Sub Total 1370.00
 Total 1370
 MP/DST Disc't —

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DEC 17 2010

Test Ticket

NO. 040609

Well Name & No. Welch #1-14 Test No. 7 Date 12-15-10
 Company LARIO Oil & Gas Company Elevation 2806 KB 2801 GL
 Address 301 S. Market St Wichita KS 67202
 Co. Rep / Geo. Tim Laver Rig WW2
 Location: Sec. 14 Twp. 14 Rge. 32 Co. Logan State KS

Interval Tested 4408-4440 Zone Tested Morrow
 Anchor Length 32' Drill Pipe Run 4285 Mud Wt. 9.4
 Top Packer Depth 4408 Drill Collars Run 123 Vis 54
 Bottom Packer Depth 4408 Wt. Pipe Run Ø WL 9.6
 Total Depth 4440 Chlorides 5500 ppm System LCM 1
 Blow Description IF: Built to 1" Blow
IS: No Return Blow
FF: Built to 2 1/2" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
0 <u>62</u>	<u>GIP = 62 Feet</u>	<u>100</u>			
<u>62</u>	<u>0 cgm</u>	<u>30</u>	<u>5</u>	<u>65</u>	
<u>62</u>		<u>20</u>	<u>70</u>	<u>10</u>	10
		20	70		

Rec Total 124 BHT 114 Gravity 1 API RW 1 @ 1 °F Chlorides 1 ppm

(A) Initial Hydrostatic 2255 Test 1225.00 T-On Location 19:30
 (B) First Initial Flow 20 Jars _____ T-Started 20:24
 (C) First Final Flow 39 Safety Joint 75.00 T-Open 10:20
 (D) Initial Shut-In 827 Circ Sub NC T-Pulled 01:20
 (E) Second Initial Flow 46 Hourly Standby _____ T-Out 03:19
 (F) Second Final Flow 58 Mileage 56 RT = 70.00 Comments _____
 (G) Final Shut-In 800 Sampler _____
 (H) Final Hydrostatic 2168 Straddle _____ Ruined Shale Packer _____
 Shale Packer 250.00 Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 8
 Day Standby _____ Total 1620
 Accessibility Ø MP/DST Disc't _____
 Sub Total 1620.00

Approved By _____

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