



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1102062  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1102062

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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REMIT TO  
 RR 1 BOX 90 D  
 HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

596

DATE <i>7/27/0</i>	SEC. <i>21</i>	RANGE/TWP. <i>9/12'S</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>Dwelling</i>				WELL # <i>5</i>		
				COUNTY <i>HH</i>	STATE <i>HI</i>	

CONTRACTOR <i>W W L</i>	OWNER <i>R+L</i>			
TYPE OF JOB <i>S. well</i>				
HOLE SIZE <i>17 1/4</i>	T.D.	CEMENT		
CASING SIZE <i>8 5/8</i>	DEPTH	AMOUNT ORDERED		
TUBING SIZE	DEPTH			
DRILL PIPE <i>4 1/2</i>	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON	<i>175</i>	@ <i>15 1/2</i>
DISPLACEMENT	SHOE JOINT	POZMIX		@
CEMENT LEFT IN CSG.		GEL	<i>3</i>	@
PERFS		CHLORIDE	<i>5</i>	@
		ASC		@
EQUIPMENT				@
				@
PUMP TRUCK				@
# <i>301</i>				@
BULK TRUCK				@
# <i>8</i>				@
BULK TRUCK				@
#				@
				@
		HANDLNG	<i>186</i>	@ <i>2 1/2</i>
		MILEAGE		@
				TOTAL

REMARKS	SERVICE <i>Surface</i>		
<i>Plug Down @ 1800</i>	DEPT OF JOB	@	
	PUMP TRUCK CHARGE	@	<i>1050</i>
	EXTRA FOOTAGE	@	
	MILEAGE <i>2827</i>	@	<i>6 50</i>
	MANIFOLD	@	
	<i>Light Veh 2812</i>	@	<i>2 1/2</i>
		TOTAL	

CHARGE TO: <i>R+L</i>	
STREET	STATE
CITY	ZIP

PLUG & FLOAT EQUIPMENT	
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PERMIT TO  
RR 1 BOX 90 D  
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

598

DATE 8/2/12	SEC. 21	RANGE/TWP. 9-25	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Dredging				WELL# 5		
				COUNTY 611	STATE KS	

CONTRACTOR WW	OWNER R12			
TYPE OF JOB				
HOLE SIZE 7 7/8	T.D. 4150	CEMENT 175		
CASING SIZE 5 7/8	DEPTH	AMOUNT ORDERED		
TUBING SIZE	DEPTH			
DRILL PIPE	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON 175	@ 1 1/2	
DISPLACEMENT	SHOE JOINT	POZMIX	@	
CEMENT LEFT IN CSG.		GEL 3	@ 26	
PERFS		CHLORIDE	@	
		ASC	@	
EQUIPMENT		Cal-seal 20	@ 30	
			@	
PUMP TRUCK		Bot Mud Swamp 500	@ 1 1/2	500
# Day			@	
BULK TRUCK		Top Mud Swamp 500	@ 1 1/2	500
# Fair			@	
BULK TRUCK		Cal-seal 15	@ 26	
#		Pozmix 110	@ 2 1/2	
		RCL 5	@	
		HANDLING 125	@ 2 1/2	1345
		MILEAGE 20	@ 62 1/2	1150
			TOTAL	

REMARKS	SERVICE Bottom Stage		
47 water 510 Mud	DEPT OF JOB	@	
Bottom Bottom @ 1200 PSI	PUMP TRUCK CHARGE	@ 1 1/2	1500
Rot Hole 30 sv	EXTRA FOOTAGE	@ 7 1/2	100
Top Stage 470 sv	MILEAGE 2800	@ 62 1/2	345
	MANIFOLD	@	
Circulate Cement to Pit 30 sv	Light Vehicle 2800	@ 2 1/2	110
	TOTAL		

CHARGE TO: R12	
STREET	STATE
CITY	ZIP

PLUG & FLOAT EQUIPMENT	
36	@





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 45631

Well Name & No. Drilling # 5 Test No. 1 Date 7-30-12  
 Company R L Investments LLC Elevation 2611 KB 2607 GL  
 Address 217 St Peter St Morland KS. 67650  
 Co. Rep / Geo. Rich Bell Rig WW-# 6  
 Location: Sec. 21 Twp. 9<sup>s</sup> Rge. 25<sup>w</sup> Co. DeWahl State KS

Interval Tested 3905-3924 Zone Tested LKC "C"  
 Anchor Length 19 Drill Pipe Run 3770 Mud Wt. 9.3  
 Top Packer Depth 3900 Drill Collars Run 120 Vis 59  
 Bottom Packer Depth 3905 Wt. Pipe Run 0 WL 8.0  
 Total Depth 3924 Chlorides 3000 ppm System LCM 0.5

Flow Description IFP - BOB in 10min  
ISIP - BOB in 15min  
FFP - BOB in 3min  
FSIP - BOB in 5min

Sec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>MCO</u>	<u>60</u>		<u>40</u>	
<u>697</u>	<u>CO</u>	<u>100</u>			
	<u>Gas to Surface</u>				

Rec Total 817 BHT 122 Gravity 31 API RW @ ° F Chlorides ppm  
 Test 1150  
 Jars  
 Safety Joint  
 Circ Sub  
 Hourly Standby  
 Mileage 135rt 209.25  
 Sampler  
 Straddle  
 Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Sub Total 1359.25

T-On Location 22:26  
 T-Started 23:12  
 T-Open 01:00  
 T-Pulled 03:00  
 T-Out 05:30  
 Comments \_\_\_\_\_  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1359.25  
 MP/DST Disc't \_\_\_\_\_

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

Approved By \_\_\_\_\_ 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. 45632

Well Name & No. Dreiling #5 Test No. 2 Date 7-31-12  
 Company RL Investment, LLC. Elevation 2612 KB 2607 GL  
 Address 217 Saint Peter St. Monard, KS 67650  
 Co. Rep / Geo. Rich Bell Rig WW#6  
 Location: Sec. 21 Twp. 9s Rge. 25W Co. Graham State KS

Interval Tested 3924-3950 Zone Tested LKC "D"  
 Anchor Length 26' Drill Pipe Run 3795 Mud Wt. 9.4  
 Top Packer Depth 3920 Drill Collars Run 120 Vis 76  
 Bottom Packer Depth 3924 Wt. Pipe Run Ø WL 6.0  
 Total Depth 3950 Chlorides 4,000 ppm System LCM .5#

Blow Description IF- BOBIN 30 sec.  
IS- BOBIN 5 min.  
FF- BOBIN 1 min.  
FS- BOBIN 5 min.

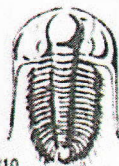
Rec	Feet of	%gas	%oil	%water	%mud
<u>2600'</u>	<u>GEP</u>	<u>100</u>			
<u>1215</u>	<u>Clean Oil</u>		<u>100</u>		
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1215 BHT 123 Gravity 31 API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic <u>1977</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>12:05 PM</u>
(B) First Initial Flow <u>129</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>12:17 PM</u>
(C) First Final Flow <u>285</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>2:02 PM</u>
(D) Initial Shut-In <u>1045</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>3:32 PM</u>
(E) Second Initial Flow <u>304</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>6:44 PM</u>
(F) Second Final Flow <u>451</u>	<input checked="" type="checkbox"/> Mileage <u>135 RT</u> 209.25	Comments <u>2600' GEP</u>
(G) Final Shut-In <u>1043</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1950</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>15</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1684.25</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1684.25</u>	

Approved By \_\_\_\_\_ 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.





4/10

# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 45633

Well Name & No. <u>Dreiling #5</u>	Test No. <u>3</u>	Date <u>8-1-12</u>
Company <u>RL Investment, LLC.</u>	Elevation <u>2612</u>	KB <u>2607</u> GL
Address <u>217 Saint Peter St. Morland, KS 67650</u>		
Co. Rep / Geo. <u>Rich Bell</u>	Rig <u>WW#6</u>	
Location: Sec. <u>21</u> Twp. <u>9s</u> Rge. <u>25w</u> Co. <u>Graham</u> State <u>KS</u>		

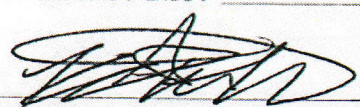
Interval Tested <u>3950-3975</u>	Zone Tested <u>LKC "E-F"</u>
Anchor Length <u>25'</u>	Drill Pipe Run <u>3829</u> Mud Wt. <u>9.2</u>
Top Packer Depth <u>3946</u>	Drill Collars Run <u>120'</u> Vis <u>76</u>
Bottom Packer Depth <u>3950</u>	Wt. Pipe Run <u>0</u> WL <u>6.0</u>
Total Depth <u>3975</u>	Chlorides <u>4,000</u> ppm System LCM <u>.5<sup>#</sup></u>

Blow Description IF - Surface Blow built to 1 1/4"  
IS - No Return  
FF - Surface Blow started at 2 min built to 1"  
FS - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>OCM</u>	<u>30</u>		<u>70</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

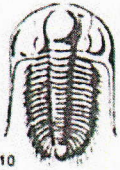
Rec Total <u>50</u>	BHT <u>115</u>	Gravity <u>—</u>	API RW <u>—</u> @ <u>—</u> ° F Chlorides <u>—</u> ppm
(A) Initial Hydrostatic <u>1987</u>	<u>15</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>1:30 AM</u>
(B) First Initial Flow	<u>24</u>	<input type="checkbox"/> Jars	T-Started <u>1:35 AM</u>
(C) First Final Flow	<u>648</u>	<input type="checkbox"/> Safety Joint	T-Open <u>3:02 AM</u>
(D) Initial Shut-In	<u>25</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/L</u>	T-Pulled <u>5:32 AM</u>
(E) Second Initial Flow	<u>33</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>6:55 AM</u>
(F) Second Final Flow	<u>559</u>	<input checked="" type="checkbox"/> Mileage <u>135 RT</u> 209.25	Comments
(G) Final Shut-In	<u>1968</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic	<u>30</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open	<u>45</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow	<u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In		<input type="checkbox"/> Day Standby	Total <u>1359.25</u>
		<input type="checkbox"/> Accessibility	MP/DST Disc't
		Sub Total <u>1359.25</u>	

Approved By \_\_\_\_\_

Our Representative 

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 45634

Well Name & No. Dreiling #5 Test No. 4 Date 8-1-12  
 Company RL Investment, LLC Elevation 2612 KB 2607 GL  
 Address 217 Saint Peter St. Morland, KS 67650  
 Co. Rep / Geo. Rich Bell Rig WW#6  
 Location: Sec. 21 Twp. 9s Rge. 25w Co. Graham State KS

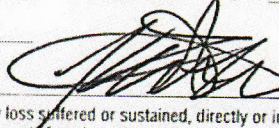
Interval Tested 4006-4035 Zone Tested LKL "H"  
 Anchor Length 29' Drill Pipe Run 3897 Mud Wt. 9.3  
 Top Packer Depth 4002 Drill Collars Run 120' Vis 59  
 Bottom Packer Depth 4006 Wt. Pipe Run Ø WL 6.0  
 Total Depth 4035 Chlorides 3,000 ppm System LCM .5#  
 Blow Description IF- Surface Blow built to 3"  
IS- NO Return  
FF- Surface Blow built to 2 3/4"  
FS- NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Clear Oil</u>	<u>100</u>			
<u>60'</u>	<u>OCM</u>	<u>40</u>		<u>60</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 61 BHT 117 Gravity — API RW — @ — °F Chlorides — ppm

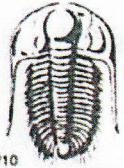
(A) Initial Hydrostatic	<u>2026</u>	<input checked="" type="checkbox"/> Test	<u>1250</u>	T-On Location	<u>2:15 PM</u>
(B) First Initial Flow	<u>23</u>	<input type="checkbox"/> Jars		T-Started	<u>2:22 PM</u>
(C) First Final Flow	<u>34</u>	<input type="checkbox"/> Safety Joint		T-Open	<u>4:15 PM</u>
(D) Initial Shut-In	<u>865</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>6:45 PM</u>
(E) Second Initial Flow	<u>35</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>8:28 PM</u>
(F) Second Final Flow	<u>47</u>	<input checked="" type="checkbox"/> Mileage	<u>135 RT</u> 209.25	Comments	
(G) Final Shut-In	<u>739</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2046</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
Initial Open	<u>30</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>45</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>30</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>45</u>	<input type="checkbox"/> Day Standby		Total	<u>1459.25</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1459.25</u>		

Approved By \_\_\_\_\_

Our Representative 

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 45635

Well Name & No. Drilling #5 Test No. 5 Date 8-2-12  
 Company RL Investment, LLC. Elevation 2612 KB 2607 GL  
 Address 217 Saint Peter St. Morland, KS 67650  
 Co. Rep / Geo. Rich Bell Rig WW#6  
 Location: Sec. 21 Twp. 9s Rge. 25w Co. Graham State KS

Interval Tested 4037-4072 Zone Tested LKC "D, J"  
 Anchor Length 35' Drill Pipe Run 3926 Mud Wt. 9.3  
 Top Packer Depth 4033 Drill Collars Run 120 Vis 59  
 Bottom Packer Depth 4037 Wt. Pipe Run Ø WL 6.0  
 Total Depth 4072 Chlorides 3,000 ppm System LCM .5#

Blow Description IF-BOB in 13 min  
FS-Surface Return Built to 1" then died back to Surface.  
FF-BOB in 11 min.  
FS-Surface Return Built to 1/4" then died back to

Rec	Feet of	%gas	%oil	%water	%mud
10	Free Oil	100			
30	MCO	70		30	
60	OCM	50		50	
60	OCM	20		8	
620	Gas in Pipe	100			

Rec Total 166 BHT 118 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2058  Test 1250 T-On Location 3:55 AM  
 (B) First Initial Flow 21  Jars T-Started 4:11 AM  
 (C) First Final Flow 72  Safety Joint T-Open 5:43 AM  
 (D) Initial Shut-In 113  Circ Sub NIL T-Pulled 8:13 AM  
 (E) Second Initial Flow 72  Hourly Standby T-Out 9:47 AM  
 (F) Second Final Flow 85  Mileage 135 RT 209.25 Comments \_\_\_\_\_  
 (G) Final Shut-In 112  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2034  Straddle \_\_\_\_\_

Initial Open 30  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 45  Ruined Packer 320  
 Final Flow 30  Extra Packer \_\_\_\_\_  
 Final Shut-In 45  Extra Recorder \_\_\_\_\_  
 Sub Total 320  
 Total 1779.25  
 MP/DST Disc't \_\_\_\_\_  
 Sub Total 1459.25

Approved By \_\_\_\_\_

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.



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



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Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 20, 2012

Randall J Pfeifer  
RL Investment, LLC  
217 SAINT PETER ST  
MORLAND, KS 67650-5101

Re: ACO1  
API 15-065-23847-00-00  
Dreiling 5  
SE/4 Sec.21-09S-25W  
Graham County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Randall J Pfeifer