



# Diamond Testing General Report

**JAKE  
FAHRENBRUCH - TESTER  
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## General Information

<b>Company Name</b>	RL Investment, LLC	<b>Well Name</b>	Bollig "A" #2
<b>Well Operator</b>	RL Investment, LLC	<b>Unique Well ID</b>	DST #2 Lansing "D" 3810'-3811'
<b>Contact</b>	Randal Pfeifer	<b>Surface Location</b>	Sec 17-10s-25w-Graham Co.-KS
<b>Site Contact</b>	Austin Klaus	<b>Test Unit</b>	#5
<b>Field</b>	Gurk East	<b>Pool</b>	NA
<b>Well Type</b>	Vertical	<b>Job Number</b>	F207
<b>Prepared By</b>	Jake Fahrenbruch	<b>Qualified By</b>	Austin Klaus

## Test Information

<b>Test Type</b>	Bottom-Hole w/J&J	<b>Test Purpose</b>	Initial Test
<b>Formation</b>	Lansing "D" 3810'-3830'	<b>Gauge Name</b>	Inside 0062
<b>Start Test Date</b>	2013/11/27	<b>Start Test Time</b>	06:44:00
<b>Final Test Date</b>	2013/11/27	<b>Final Test Time</b>	13:16:00

## Test Results

30 minute initial flow period:	Surface blow, increased to .25" in bucket.
60 minute initial shut-in period:	No blow-back.
30 minute final flow period:	No blow.
45 minute final shut-in period:	No blow-back.

Recovered: 5' Drilling Mud

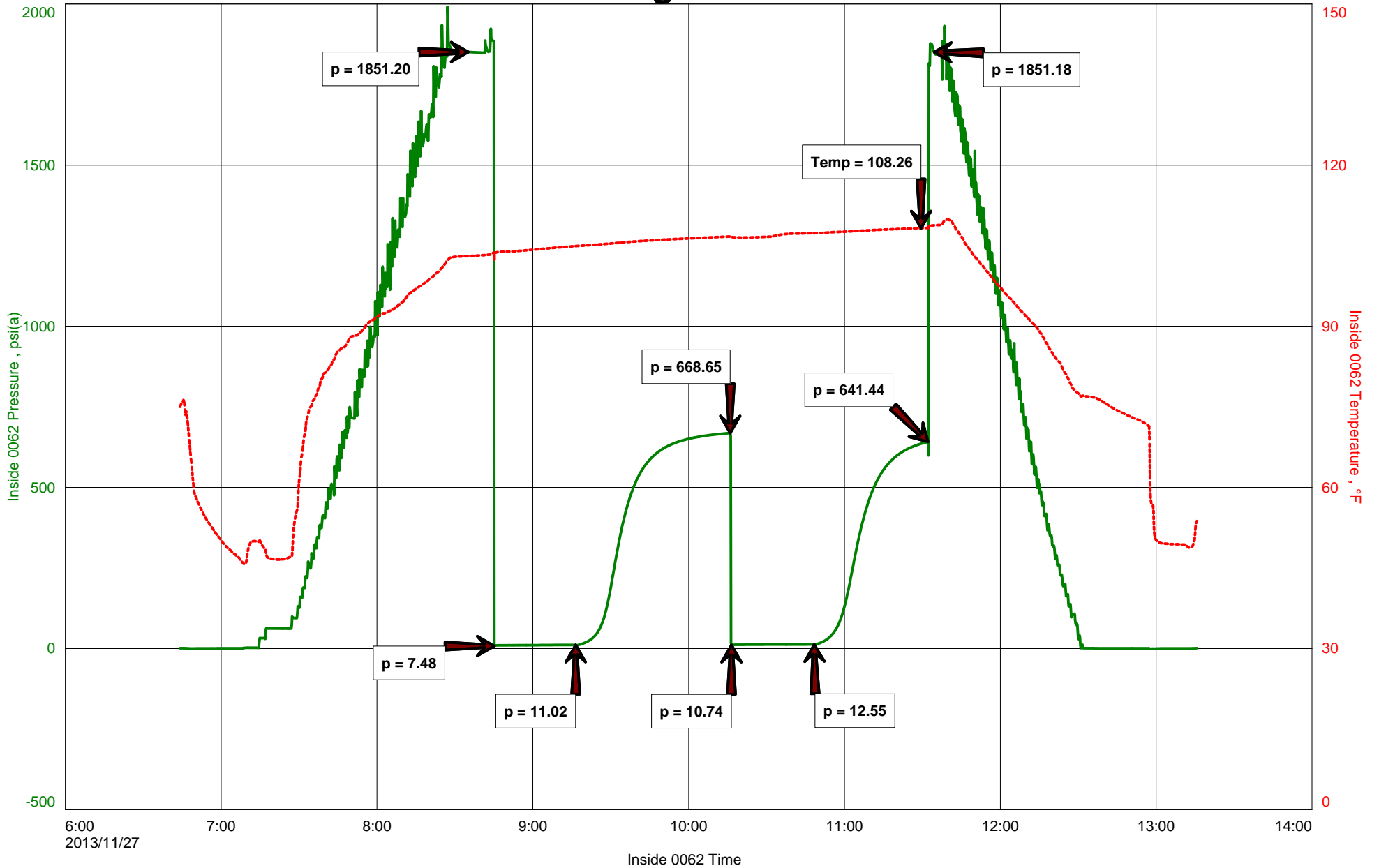
### Pressures:

IHP:	1851
IFP:	8 - 11
ISIP:	669
FFP:	11 - 13
FSIP:	641
FHP:	1851

Bottom-Hole Temp: 108 Deg F

Thanks

# Bollig "A" #2





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: BOLLIGA2DST2

TIME ON: 6:44 AM  
TIME OFF: 1:16 PM

Company RL Investment, LLC Lease & Well No. Bollig 'A' #2  
Contractor WW Drilling Rig #12 Charge to RL Investment, LLC  
Elevation 2525' KB Formation Lansing "D" Effective Pay Field: Gurk East Ft. Ticket No. F207  
Date 27 Nov 2013 Sec. 17 Twp. 10 S Range 25 W County Graham State KANSAS  
Test Approved By Austin Klaus Diamond Representative Jake Fahrenbruch

Formation Test No. TWO Interval Tested from 3810 ft. to 3811 ft. Total Depth 3811 ft.  
Packer Depth 3805 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.  
Packer Depth 3810 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.  
Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 3788 ft. Recorder Number 0062 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3811 ft. Recorder Number 5951 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth ----- ft. Recorder Number ----- Cap. ----- P.S.I.

Mud Type Chemical Viscosity 54 Drill Collar Length 121 ft. I.D. 2 1/4 in.  
Weight 9.1 Water Loss 6.8 cc. Weight Pipe Length ----- ft. I.D. 2 7/8 in.  
Chlorides 2400 P.P.M. Drill Pipe Length 3656 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number #5 (J&J) Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 20 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Surface blow, increased to .25" in bucket.  
2nd Open: No blow.

Recovered <u>5</u> ft. of <u>Drilling Mud</u>	
Recovered <u>    </u> ft. of <u>    </u>	
Recovered <u>    </u> ft. of <u>    </u>	
Recovered <u>    </u> ft. of <u>    </u>	
Recovered <u>    </u> ft. of <u>    </u>	Price Job
Recovered <u>    </u> ft. of <u>    </u>	Other Charges
Remarks: <u>    </u>	Insurance
<u>    </u>	Total

Time Set Packer(s) 8:45 AM A.M. Time Started Off Bottom 11:30 AM P.M. Maximum Temperature 108 Deg F

Initial Hydrostatic Pressure..... (A) 1851 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 11 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 669 P.S.I.  
Final Flow Period..... Minutes 30 (E) 11 P.S.I. to (F) 13 P.S.I.  
Final Closed In Period..... Minutes 45 (G) 641 P.S.I.  
Final Hydrostatic Pressure..... (H) 1851 P.S.I.

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