

# DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**

Cell: (620) 282-8977 / Office: (800) 542-7313



## TEST INFORMATION

<b>Well Name</b>	Inloes Trust #1-14
<b>Formation</b>	Lansing "K" 4364'-4393'
<b>Surface Location</b>	Sec 14-8s-36w-Thomas Co.-KS
<b>Company Name</b>	Val Energy, Inc.
<b>Test Type</b>	Bottom-Hole DST w/J&SJ
<b>Gauge Name</b>	Inside 5951
<b>Start Test Date</b>	2014/09/23
<b>Start Test Time</b>	04:56:00
<b>Final Test Date</b>	2014/09/23
<b>Final Test Time</b>	12:08:00
<b>Job Number</b>	F320
<b>Contact</b>	Dustin Wyer
<b>Site Contact</b>	Harley Sayles

## TEST RESULTS

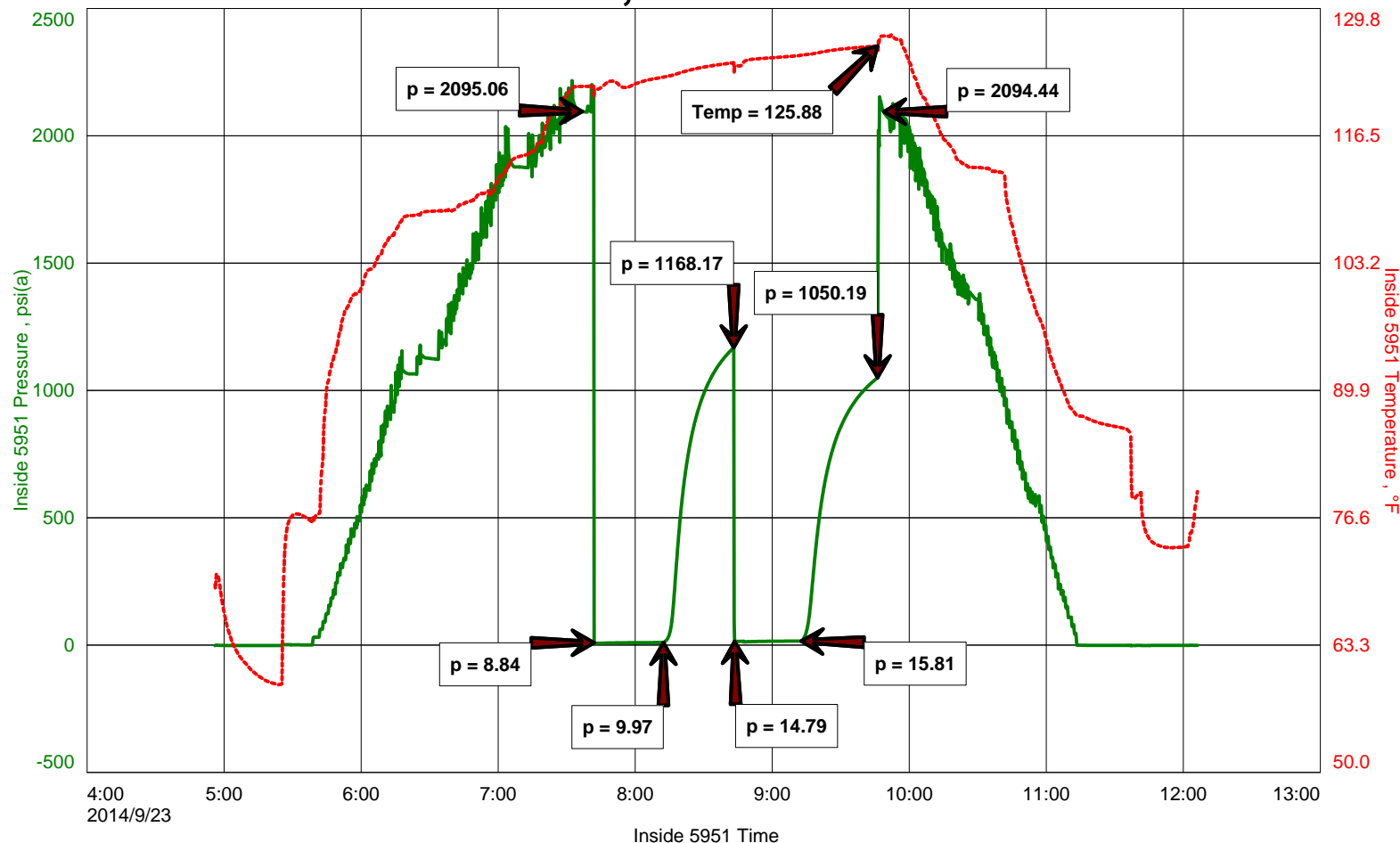
Initial open, surface blow, increased to .25", blow died in 20 minutes.  
Final open, no blow.

RECOVERED: 10' of DRLG MUD, 100% mud  
TOOL SAMPLE: OSM, 2% oil, 98% mud

Val Energy, Inc.  
Start Test Date: 2014/09/23  
Final Test Date: 2014/09/23

Inloes Trust #1-14  
Formation: Lansing "K" 4364'-4393'  
Job Number: F320

## DST #1, LANSING "K"





**DIAMOND TESTING**  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: INLTRUIDST1

ON LOCATION: 03:28  
 START RECORDERS: 04:56  
 STOP RECORDERS: 12:08

Company VAL ENERGY INC. Lease & Well No. INLOES TRUST #1-14  
 Contractor VAL ENERGY, INC. RIG #7 Charge to VAL ENERGY, INC.  
 Elevation 3310' KB Formation LANSING K Effective Pay \_\_\_\_\_ Ft. Ticket No. F320  
 Date 9-23-14 Sec. 14 Twp. 8S Range 36W County THOMAS State KANSAS  
 Test Approved By HARLEY SAYLES / DUSTIN WYER Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 1 Interval Tested from 4364 ft. to 4393 ft. Total Depth 4393 ft.  
 Packer Depth 4359 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 4364 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4342 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 4365 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
 Mud Type CHEMICAL Viscosity 51 (2\*LCM) Drill Collar Length 62 ft. I.D. 2 1/4 in.  
 Weight 9.3 Water Loss 8.0 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 5100 P.P.M. Drill Pipe Length 4269 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number #5 JARS 1/2 JNT Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 29 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 1/4", FLOW DIED IN 20 MINUTES.  
 2nd Open: NO BLOW

Recovered 10 ft. of DRLG MUD 100% MUD  
 Recovered \_\_\_\_\_ ft. of TOOL SAMPLE: OSM 2% OIL, 98% MUD  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	<u>JARS &amp; SAFETY JOINT</u>
	<u>492 MRT (PRAT KS)</u>
	Total

Time Set Packer(s) 7:45 <sup>AM</sup>/<sub>PM</sub> Time Started Off Bottom 9:45 <sup>AM</sup>/<sub>PM</sub> Maximum Temperature 126F

Initial Hydrostatic Pressure..... (A) 2095 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 10 P.S.I.  
 Initial Closed In Period..... Minutes 30 (D) 1168 P.S.I.  
 Final Flow Period..... Minutes 30 (E) 15 P.S.I. to (F) 116 P.S.I.  
 Final Closed In Period..... Minutes 30 (G) 1050 P.S.I. THANKS!  
 Final Hydrostatic Pressure..... (H) 2094 P.S.I. Jake Fahrenbruch

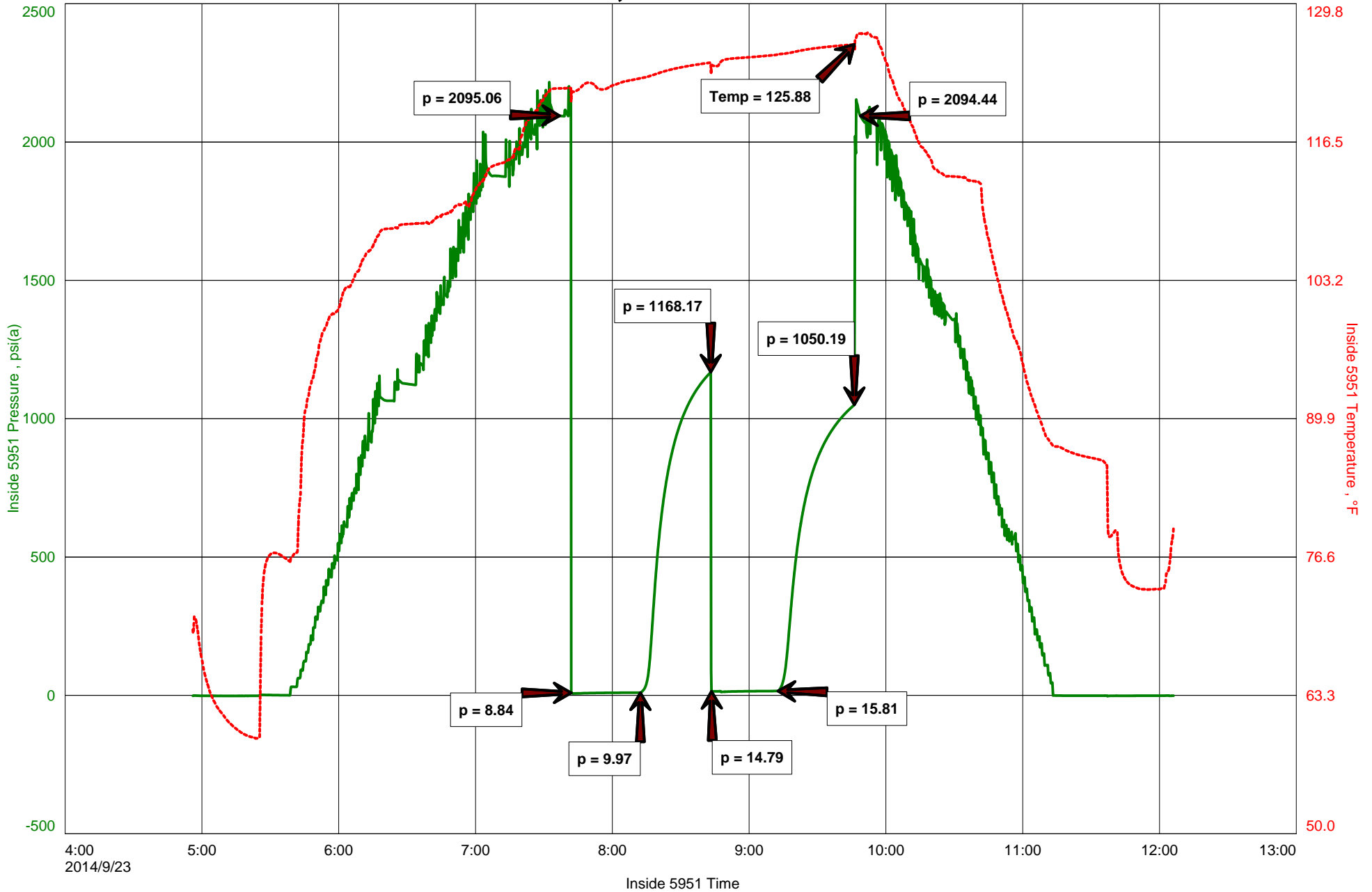
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



Val Energy, Inc.  
Start Test Date: 2014/09/23  
Final Test Date: 2014/09/23

Inloes Trust #1-14  
Formation: Lansing "K" 4364'-4393'  
Job Number: F320

# DST #1, LANSING "K"





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

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ P.S.I.

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