

# DIAMOND TESTING

## General Information Report

### General Information

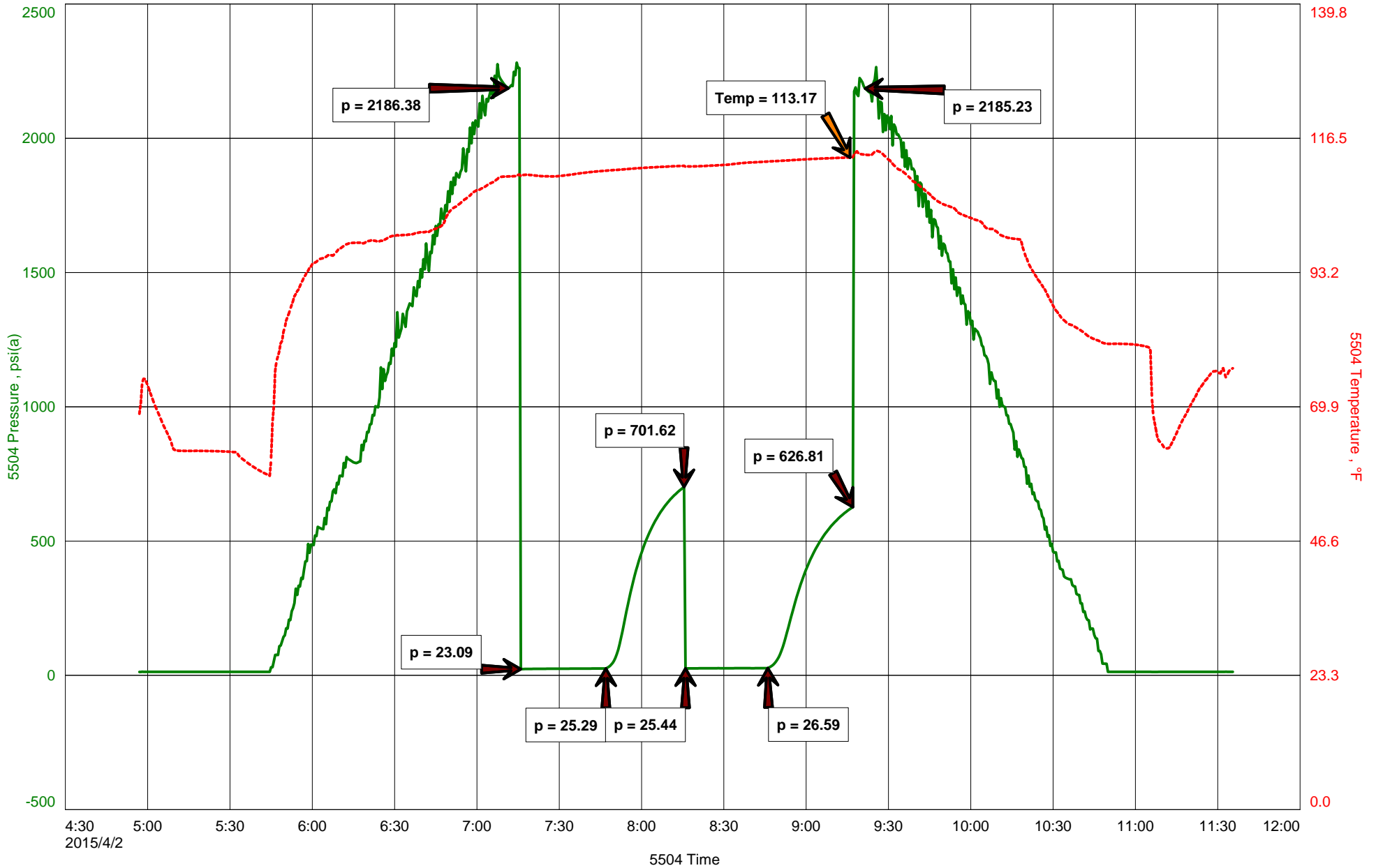
<b>Company Name</b>	VAL ENERGY, INC.	<b>Representative</b>	TIM VENTERS
<b>Contact</b>	DUSTIN WYER	<b>Well Operator</b>	VAL ENERGY, INC.
<b>Well Name</b>	KIRK V #2-7	<b>Report Date</b>	2015/04/02
<b>Unique Well ID</b>	DST #2, ALTAMONT "B", 4452-4510	<b>Prepared By</b>	TIM VENTERS
<b>Surface Location</b>	SEC 7-17S-33W, SCOTT CO. KS.	<b>Qualified By</b>	HARLEY SAYLES
<b>Field</b>	FRICK		
<b>Well Type</b>	Vertical		
<b>Test Type</b>	CONVENTIONAL		
<b>Formation</b>	DST #2, ALTAMONT "B", 4452-4510		
<b>Well Fluid Type</b>	01 Oil		
<b>Start Test Date</b>	2015/04/02	<b>Start Test Time</b>	04:57:00
<b>Final Test Date</b>	2015/04/02	<b>Final Test Time</b>	11:36:00

### Test Recovery:

RECOVERED: 5' MUD

TOOL SAMPLE: SPOTTY OIL, 100% MUD

# KIRK V #2-7





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: KIRKV2-7DST2

TIME ON: 04:57  
TIME OFF: 11:36

Company VAL ENERGY, INC. Lease & Well No. KIRK V #2-7  
Contractor VAL ENERGY, INC. RIG #1 Charge to VAL ENERGY, INC.  
Elevation 3092 KB Formation ALTAMONT "B" Effective Pay \_\_\_\_\_ Ft. Ticket No. T456  
Date 4-2-15 Sec. 7 Twp. 17 S Range 33 W County SCOTT State KANSAS  
Test Approved By HARLEY SAYLES Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 4452 ft. to 4510 ft. Total Depth 4510 ft.  
Packer Depth 4447 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4452 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4433 ft. Recorder Number 5504 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4507 ft. Recorder Number 11029 Cap. 5,025 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 51 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 4,200 P.P.M. Drill Pipe Length 4419 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 27 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>31' DP IN ANCHOR</sup> Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW, BUILDING TO 1/2 INCH. (NO BB)  
2nd Open: NO BLOW THROUGHOUT PERIOD. (NO BB)

Recovered 5 ft. of MUD  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Remarks: _____	Other Charges
TOOL SAMPLE: <u>SPOTTY OIL, 100% MUD</u>	Insurance
	Total

Time Set Packer(s) 7:15 AM <sup>A.M.</sup> P.M. Time Started Off Bottom 9:15 AM <sup>A.M.</sup> P.M. Maximum Temperature 113 deg.

Initial Hydrostatic Pressure..... (A) 2186 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 25 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 702 P.S.I.  
Final Flow Period..... Minutes 30 (E) 25 P.S.I. to (F) 27 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 627 P.S.I.  
Final Hydrostatic Pressure..... (H) 2185 P.S.I.

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.