

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1252211  
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: \_\_\_\_\_

1252211

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. 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> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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**CONSOLIDATED**  
Oil Well Services, LLC

*VAL copy*

REMIT TO  
Consolidated Oil Well Services, LLC  
Dept:970  
P.O.Box 4346  
Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884  
Chanute, KS 66720  
620/431-9210, 1-800/467-8676  
Fax 620/431-0012

Invoice

Invoice# 803904

Invoice Date: 04/06/15

Terms: C.O.D.

Page 1

VAL ENERGY

125 N. Market, Ste. 1710  
WICHITA KS 67202  
USA

*9233*

KIRK 2-7

**RECEIVED**

APR 08 2015

*Cement Plug # 2-7*

Tax: 342.91

Total: 6,334.22



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

2569

2502

**INVOICE # 803904**  
**FIELD TICKET & TREATMENT REPORT**

TICKET NUMBER 47902  
LOCATION Oakley, KS  
FOREMAN Kelly Gape

**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-5-15	8576	KipK 2-7	7	17	33	Scott

CUSTOMER	MILING ADDRESS	CITY	STATE	ZIP CODE
Val Energy				

TRUCK #	DRIVER	TRUCK #	DRIVER
445	Jordan		
466	Rob		

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4830 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting, rigged up on val (#) mixed cement  
Plugs displaced as ordered  
50 @ 2370  
80 @ 1560  
50 @ 780  
50 @ 270  
20 @ 60  
30 RH  
20 MH

*Thank You Kelly Gape*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1395.00	1395.00
5406	30	MILEAGE	5.25	157.50
5407	12.9	Ton mileage delivery	1.75	677.25
1131	300 SKS	60/40 Poz	15.85	4755.00
1183	1032 #	Gel	.27	278.64
1107	75 #	Flo-seal	2.97	222.75
			Sub	2489.14
			Less 3070	1497.83
			Total	5996.31
			SALES TAX	342.91
			ESTIMATED TOTAL	6334.22

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 4-5-15

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.





REMIT TO  
 Consolidated Oil Well Services, LLC  
 Dept:970  
 P.O.Box 4346  
 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884  
 Chanute, KS 66720  
 620/431-9210, 1-800/467-8676  
 Fax 620/431-0012

Invoice

Invoice#

803774

Invoice Date: 03/27/15

Terms: C.O.D.

Page 1

VAL ENERGY

125 N. Market, Ste. 1710  
 WICHITA KS 67202  
 USA

KIRK 2-7  
**RECEIVED**  
 MAR 30 2015

*9208-2*  
*Surface Cement*

Tax: 233.51  
 Total: 4,488.75



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

TICKET NUMBER 47956  
LOCATION Galley ks  
FOREMAN Cory Davis  
Milas S.

0:00 Ah 2479

2411 805774  
INVOICE#

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/26/15	8570	Kirk 2-7	7	17	33	Scott
CUSTOMER Val Energy			4083 Jct 5 west 3/4 S w into			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			731	Jeremy R.		
STATE			693	Bill S.		
ZIP CODE			Help	Michael R.		
			Help	Colin S.		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 228 CASING SIZE & WEIGHT ~~2 3/8~~ 8 5/8 24"  
CASING DEPTH 228 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 14.8 SLURRY VOL 1.24 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'  
DISPLACEMENT 13 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: soft meeting - Rig up on val Rig 1 - Run casing - Break circulation with rig pump  
Hook up to pump truck mix 165 sks class A cement 3% cc. 2% gel wash up and displace  
13 BBL water shut in rig down

Cement Did Circulate

Thanks Cory D. and crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	1150.00	1150.00
5402	30	MILEAGE	5.25	157.50
5407A	7.75	Ton Mileage Delivery	1.75	430.00
1104S	165 sks	Class A cement	18.55	3060.75
1102	465	Calcium Chloride	.94	437.10
1118 B	310	Bentonite (gel)	.27	83.70
			subtotal	5,319.05
			20% hrs	1,063.81
			Subtotal	4,255.24
			SALES TAX	233.52
			ESTIMATED TOTAL	4,488.76

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

# DIAMOND TESTING

## General Information Report

### General Information

<b>Company Name</b>	VAL ENERGY, INC.	<b>Representative</b>	TIM VENERS
<b>Contact</b>	DUSTIN WYER	<b>Well Operator</b>	VAL ENERGY, INC.
<b>Well Name</b>	KIRK V #2-7	<b>Report Date</b>	2015/04/01
<b>Unique Well ID</b>	DST #1, ALTAMONT "A", 4358-4460	<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 #1, ALTAMONT "A", 4358-4460		
<b>Well Fluid Type</b>	01 Oil		
<b>Start Test Date</b>	2015/04/01	<b>Start Test Time</b>	09:51:00
<b>Final Test Date</b>	2015/04/01	<b>Final Test Time</b>	18:18:00

### Test Recovery:

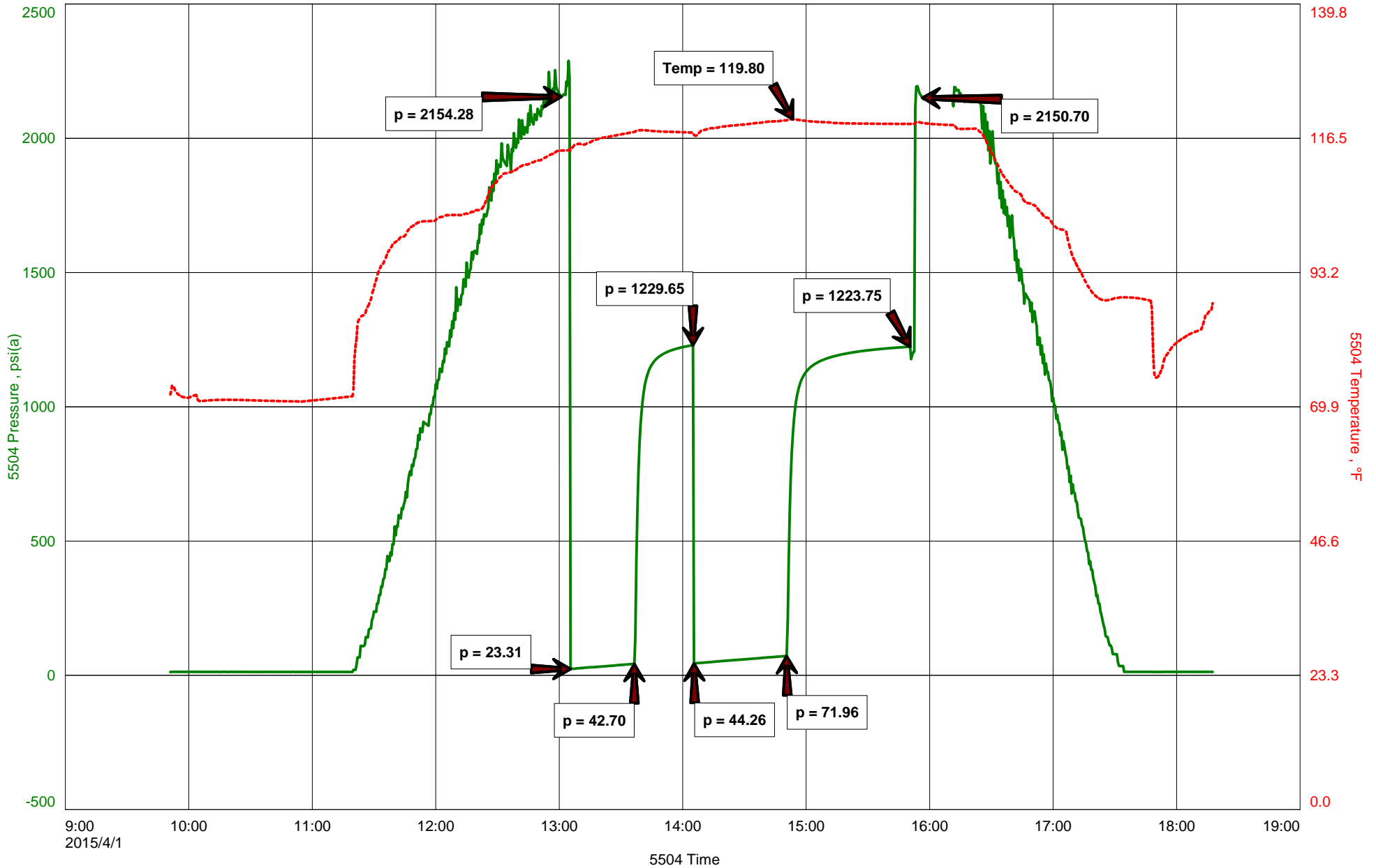
RECOVERED: 45' SWCM W/TR. O, TRACE OIL, 12% WATER, 88% MUD  
65' WCM 27% WATER, 73% MUD  
110' TOTAL FLUID

TOOL SAMPLE: TRACE OIL, 33% WATER, 67% MUD

CHLORIDES: 17,000 ppm  
PH: 10.0  
RW: .43 @ 77 deg.



# KIRK V #2-7





**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: KIRKV2-7DST1

TIME ON: 09:51  
 TIME OFF: 18:18

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 "A" Effective Pay \_\_\_\_\_ Ft. Ticket No. T455  
 Date 4-1-15 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. 1 Interval Tested from 4358 ft. to 4460 ft. Total Depth 4460 ft.

Packer Depth 4353 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 4358 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4339 ft. Recorder Number 5504 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4457 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 \_\_\_\_\_ ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.

Chlorides 4,200 P.P.M. Drill Pipe Length 4325 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 40 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>62' DP IN ANCHOR</sup> Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW, BUILDING TO 3 INCHES. (NO BB)

2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 3 1/2 INCHES. (NO BB)

Recovered 45 ft. of SWCM W/TR. O, TRACE OIL, 12% WATER, 88% MUD

Recovered 65 ft. of WCM 27% WATER, 67% MUD

Recovered 110 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of CHLORIDES: 17,000 ppm

Remarks: PH: 10.0

RW: .43 @ 77 deg.

TOOL SAMPLE: TRACE OIL, 33% WATER, 67% MUD

Time Set Packer(s) 1:05 PM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 3:50 PM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 120 deg.

Initial Hydrostatic Pressure..... (A) 2154 P.S.I.

Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 43 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1230 P.S.I.

Final Flow Period..... Minutes 45 (E) 44 P.S.I. to (F) 72 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1224 P.S.I.

Final Hydrostatic Pressure..... (H) 2151 P.S.I.

Price Job
Other Charges
Insurance
Total

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.

# DIAMOND TESTING

## General Information Report

### General Information

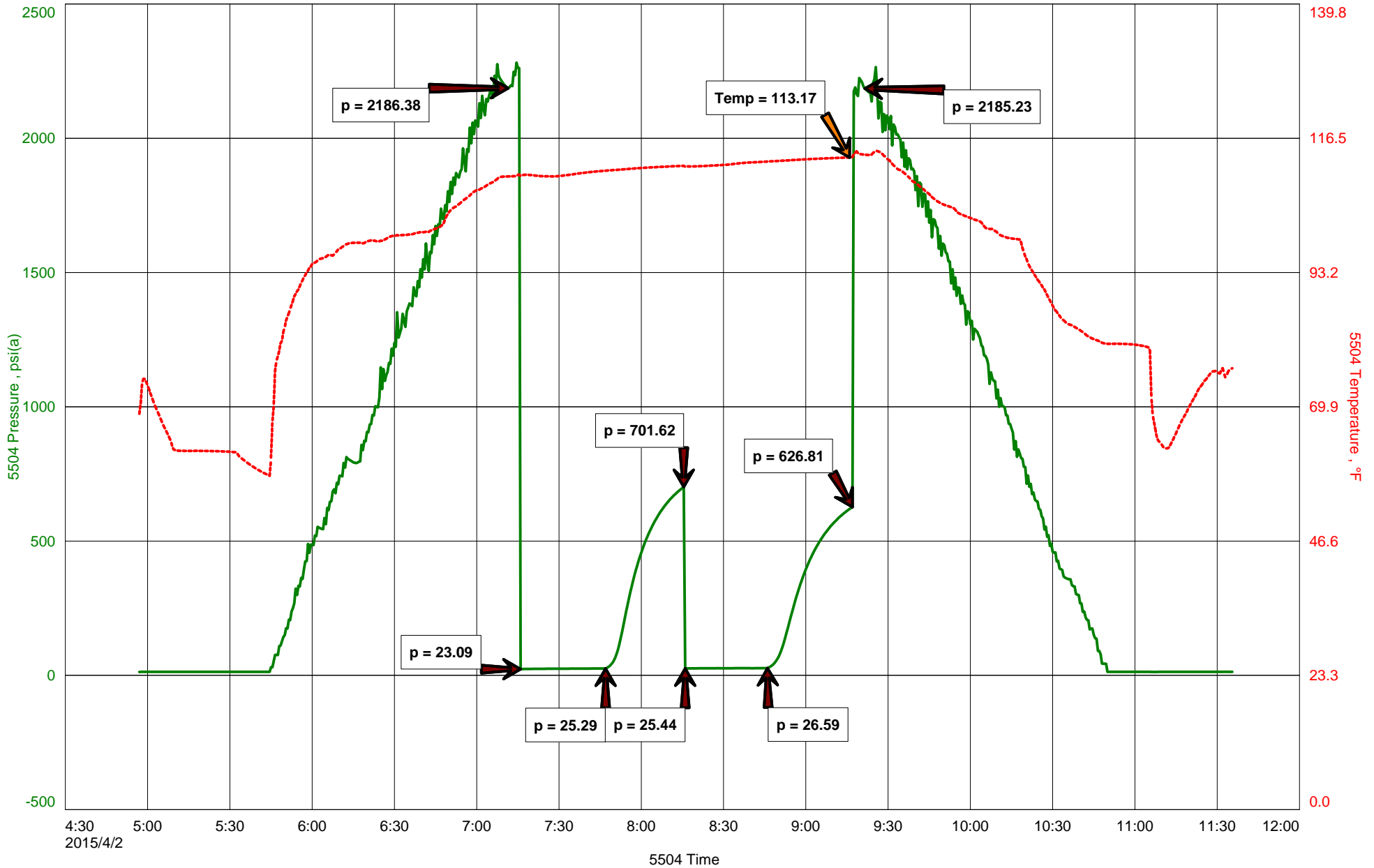
<b>Company Name</b>	VAL ENERGY, INC.	<b>Representative</b>	TIM VENTERS
<b>Contact</b>	DUSTIN WYER	<b>Well Operator</b>	VAL ENERGY, INC.
<b>Well Name</b>	KIRK V #2-7	<b>Report Date</b>	2015/04/02
<b>Unique Well ID</b>	DST #2, ALTAMONT "B", 4452-4510	<b>Prepared By</b>	TIM VENTERS
<b>Surface Location</b>	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 _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>SPOTTY OIL, 100% MUD</u>	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.

# DIAMOND TESTING

## General Information Report

### General Information

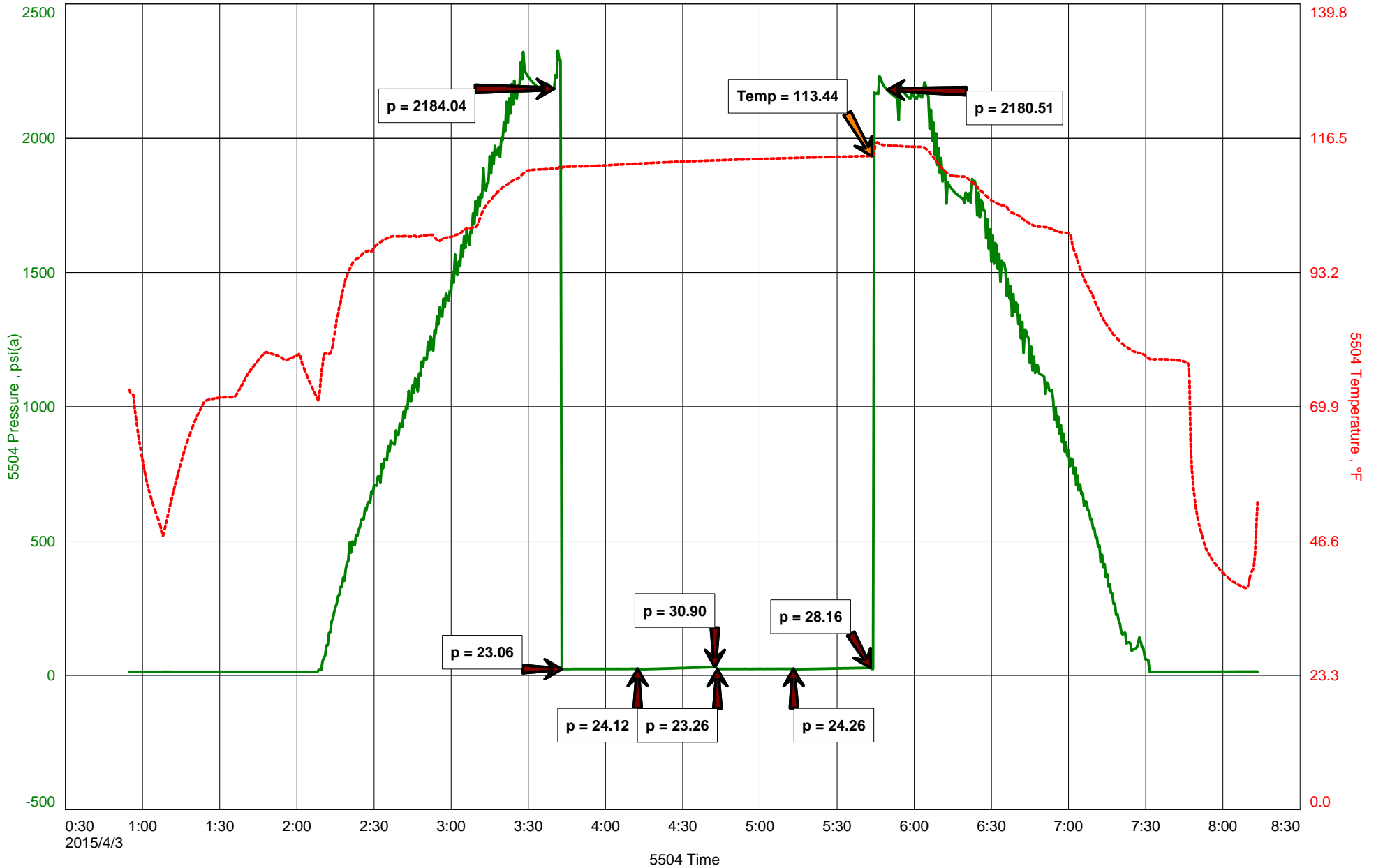
Company Name	VAL ENERGY, INC.	Representative	TIM VENTERS
Contact	DUSTIN WYER	Well Operator	VAL ENERGY, INC.
Well Name	KIRK V #2-7	Report Date	2015/04/03
Unique Well ID	DST #3, PAW./FT. SCOTT, 4511-4580	Prepared By	TIM VENTERS
Surface Location	SEC 7-17S-33W, SCOTT CO. KS.	Qualified By	HARLEY SAYLES
Field	FRICK		
Well Type	Vertical		
Test Type	CONVENTIONAL		
Formation	DST #3, PAW./FT. SCOTT, 45111-4580		
Well Fluid Type	01 Oil		
Start Test Date	2015/04/03	Start Test Time	00:55:00
Final Test Date	2015/04/03	Final Test Time	08:14:00

### Test Recovery:

RECOVERED: 2' MUD

TOOL SAMPLE: 100% MUD

# KIRK V #2-7





**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: KIRKV2-7DST3

TIME ON: 00:55  
 TIME OFF: 08:14

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 PAWNEE/FT. SCOTT Effective Pay \_\_\_\_\_ Ft. Ticket No. T457  
 Date 4-3-15 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. 3 Interval Tested from 4511 ft. to 4580 ft. Total Depth 4580 ft.  
 Packer Depth 4506 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 4511 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4492 ft. Recorder Number 5504 Cap. 5,000 P.S.I.  
 Bottom Recorder Depth (Outside) 4577 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 50 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
 Weight 9.3 Water Loss 9.6 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 4,400 P.P.M. Drill Pipe Length 4478 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 38 ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>32' 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 2 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: 100% MUD	Insurance
	Total

Time Set Packer(s) 4:42 AM A.M. P.M. Time Started Off Bottom 5:42 AM A.M. P.M. Maximum Temperature 113 deg.

Initial Hydrostatic Pressure..... (A) 2184 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 24 P.S.I.  
 Initial Closed In Period..... Minutes 30 (D) 31 P.S.I.  
 Final Flow Period..... Minutes 30 (E) 23 P.S.I. to (F) 24 P.S.I.  
 Final Closed In Period..... Minutes 30 (G) 28 P.S.I.  
 Final Hydrostatic Pressure..... (H) 2181 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.



# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** VAL ENERGY, INC.  
**Contact** DUSTIN WYER  
**Well Name** KIRK V #2-7  
**Unique Well ID** DST #4, CHER./JOHN., 4581-4700  
**Surface Location** SEC 7-17S-33W, SCOTT CO. KS.  
**Field** FRICK  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #4, CHER./JOHN., 4581-4700  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** VAL ENERGY, INC.  
**Report Date** 2015/04/04  
**Prepared By** TIM VENTERS  
**Qualified By** HARLEY SAYLES

**Start Test Date** 2015/04/04  
**Final Test Date** 2015/04/04

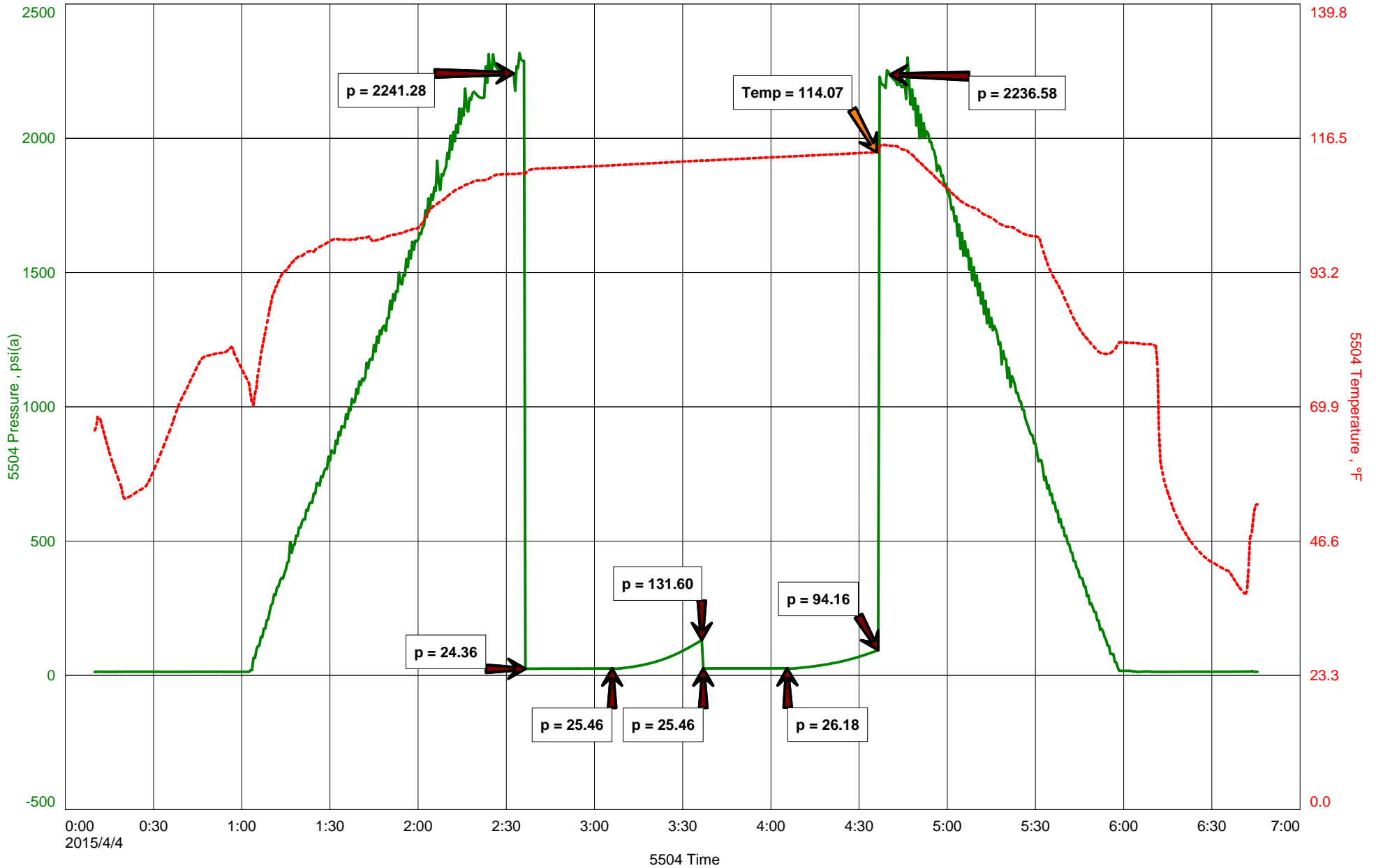
**Start Test Time** 00:19:00  
**Final Test Time** 06:55:00

### 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: KIRKV2-7DST4

TIME ON: 00:19  
TIME OFF: 06:55

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 CHEROKEE/JOHNSON Effective Pay \_\_\_\_\_ Ft. Ticket No. T458  
Date 4-4-15 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. 4 Interval Tested from 4581 ft. to 4700 ft. Total Depth 4700 ft.  
Packer Depth 4576 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4581 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 4562 ft. Recorder Number 5504 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4697 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 67 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight 9.4 Water Loss 10.4 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 6,000 P.P.M. Drill Pipe Length 4548 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 25 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>94' 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 <u>5</u> ft. of <u>MUD</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>SPOTTY OIL, 100% MUD</u>	Total

Time Set Packer(s) 2:45 AM <sup>A.M.</sup> P.M. Time Started Off Bottom 4:45 AM <sup>A.M.</sup> P.M. Maximum Temperature 114 deg.  
Initial Hydrostatic Pressure..... (A) 2241 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 24 P.S.I. to (C) 25 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 132 P.S.I.  
Final Flow Period..... Minutes 30 (E) 25 P.S.I. to (F) 26 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 94 P.S.I.  
Final Hydrostatic Pressure..... (H) 2237 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.