



KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1051468

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5822
Name: Val Energy, Inc.
Address 1: 200 W DOUGLAS AVE STE 520
Address 2: _____
City: WICHITA State: KS Zip: 67202 + 3005
Contact Person: K TODD ALLAM
Phone: (316) 263-6688
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: STEVE VAN BUSKIRK
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
☐ Conv. to GSW

☐ Plug Back: _____ Plug Back Total Depth _____

☐ Commingled Permit #: _____

☐ Dual Completion Permit #: _____

☐ SWD Permit #: _____

☐ ENHR Permit #: _____

☐ GSW Permit #: _____

2/14/2011 2/22/2011 2/22/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-007-23654-00-00

Spot Description: _____

NW SE SE SE Sec. 34 Twp. 34 S. R. 11 ☐ East ☒ West

595 Feet from ☐ North / ☒ South Line of Section

545 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

County: Barber

Lease Name: KERSTEN Well #: 2-34

Field Name: _____

Producing Formation: NONE

Elevation: Ground: 1351 Kelly Bushing: 1362

Total Depth: 4879 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 222 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: 44000 ppm Fluid volume: 1800 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: VAL ENERGY

Lease Name: MARY DIEL License #: 5822

Quarter SE Sec. 29 Twp. 34 S. R. 11 ☐ East ☒ West

County: BARBER Permit #: D30438

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

☒ Letter of Confidentiality Received

Date: 03/08/2011

☒ Confidential Release Date: 03/07/2013

☒ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☒ I ☐ II ☐ III Approved by: NAOMI JAMES Date: 03/15/2011

1051468

Operator Name: Val Energy, Inc. Lease Name: KERSTEN Well #: 2-34
 Sec. 34 Twp. 34 S. R. 11 ☐ East ☒ West County: Barber

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☒ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☒ Yes ☐ No Cores Taken ☐ Yes ☒ No Electric Log Run ☐ Yes ☒ No Electric Log Submitted Electronically ☐ Yes ☐ No <i>(If no, Submit Copy)</i> List All E. Logs Run:	☒ Log Formation (Top), Depth and Datum ☐ Sample <table style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>KC</td> <td>4250</td> <td>-2888</td> </tr> <tr> <td>STARK SH</td> <td>4405</td> <td>-3043</td> </tr> <tr> <td>HUSHPUCKNEY SH</td> <td>4440</td> <td>-3078</td> </tr> <tr> <td>PAWNEE</td> <td>4594</td> <td>-3232</td> </tr> <tr> <td>CHEROKEE</td> <td>4640</td> <td>-3278</td> </tr> <tr> <td>MISS</td> <td>4715</td> <td>-3324</td> </tr> </tbody> </table>	Name	Top	Datum	KC	4250	-2888	STARK SH	4405	-3043	HUSHPUCKNEY SH	4440	-3078	PAWNEE	4594	-3232	CHEROKEE	4640	-3278	MISS	4715	-3324
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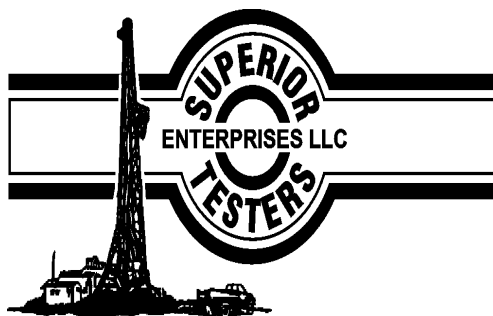
CASING RECORD ☒ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	23	222	60/40	190	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	-			
☐ Plug Back TD				
☐ Plug Off Zone	-			

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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> ☒ Other (Specify) <u>D & A</u>	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **VAL ENERGY INC**

200 WEST DOUGLAS AVE STE 520
WICHITA KS 67202+3005

ATTN: STEVE BUSKIRK

34-34S-11W

KERSTEN #2-24

Start Date: 2011.02.20 @ 17:17:00

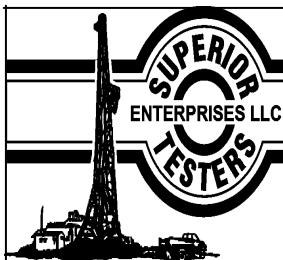
End Date: 2011.02.20 @ 23:16:30

Job Ticket #: 16094 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.02.20 @ 23:45:16

VAL ENERGY INC
KERSTEN #2-24
34-34S-11W
DST # 1
MISSISSIPPI
2011.02.20



DRILL STEM TEST REPORT

VAL ENERGY INC

KERSTEN #2-24

200 WEST DOUGLAS AVE STE 520 WICHITA KS
67202+3005

34-34S-11W

Job Ticket: 16094

DST#: 1

ATTN: STEVE BUSKIRK

Test Start: 2011.02.20 @ 17:17:00

GENERAL INFORMATION:

Formation: **MISSISSIPPI**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 23:16:30

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320-100 -PRATT

Interval: 4699.00 ft (KB) To 4829.00 ft (KB) (TVD)

Reference Elevations: 1362.00 ft (KB)

Total Depth: 4829.00 ft (KB) (TVD)

1351.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 11.00 ft

Serial #: 8524 Outside

Press@RunDepth: psia @ 4826.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.02.20

End Date:

2011.02.20

Last Calib.:

2011.02.20

Start Time: 17:17:00

End Time:

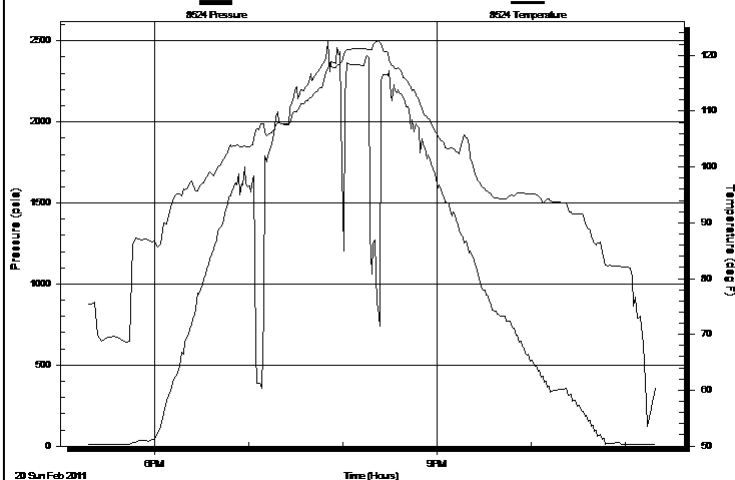
23:19:30

Time On Btm:

Time Off Btm:

TEST COMMENT: INITIAL OPEN:OPEN TOOL HAD A PACKER FAILER/TRY TO SET PACKER AGAIN HAD A PACKER FAILER
TOOL CHASED 1740 TO BOOTM OF HOLE

Pressure vs. Time



PRESSURE SUMMARY

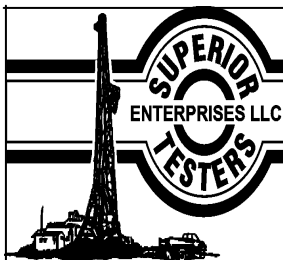
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
1500.00	MUD	21.04

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

VAL ENERGY INC

KERSTEN #2-24

200 WEST DOUGLAS AVE STE 520 WICHITA KS
67202+3005

34-34S-11W

Job Ticket: 16094

DST#: 1

ATTN: STEVE BUSKIRK

Test Start: 2011.02.20 @ 17:17:00

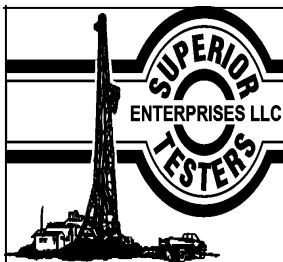
Tool Information

Drill Pipe:	Length: 4677.00 ft	Diameter: 3.80 inches	Volume: 65.61 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 78000.00 lb
		Total Volume: 65.61 bbl		Tool Chased 1740.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4699.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	130.00 ft			
Tool Length:	159.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: TOOL CHASED 1740 FEET TO BOTTOM OF HOLE /OPEN TOOL HAD A PACKER FAILER

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4671.00	
Shut-In Tool	5.00			4676.00	
Hydrolic Tool	5.00			4681.00	
Jars	6.00			4687.00	
Safety Joint	2.00			4689.00	
Packer	5.00			4694.00	29.00 Bottom Of Top Packer
Packer	5.00			4699.00	
Change Over Sub	0.75			4699.75	
Drill Pipe	93.50			4793.25	
Change Over Sub	0.75			4794.00	
Perforations	30.00			4824.00	
Recorder	1.00	8419	Inside	4825.00	
Recorder	1.00	8524	Outside	4826.00	
Bullnose	3.00			4829.00	130.00 Bottom Packers & Anchor

Total Tool Length: 159.00



DRILL STEM TEST REPORT

FLUID SUMMARY

VAL ENERGY INC

KERSTEN #2-24

200 WEST DOUGLAS AVE STE 520 WICHITA KS
67202+3005

34-34S-11W

Job Ticket: 16094

DST#: 1

ATTN: STEVE BUSKIRK

Test Start: 2011.02.20 @ 17:17:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 42.00 sec/qt

Water Loss: 9.60 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psia

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1500.00	MUD	21.041

Total Length: 1500.00 ft Total Volume: 21.041 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: CHASED TOOL 1740 TO BOTTOM OF HOLE / OPEN TOOL HAD A PACKER FAILER

Serial #: 8419

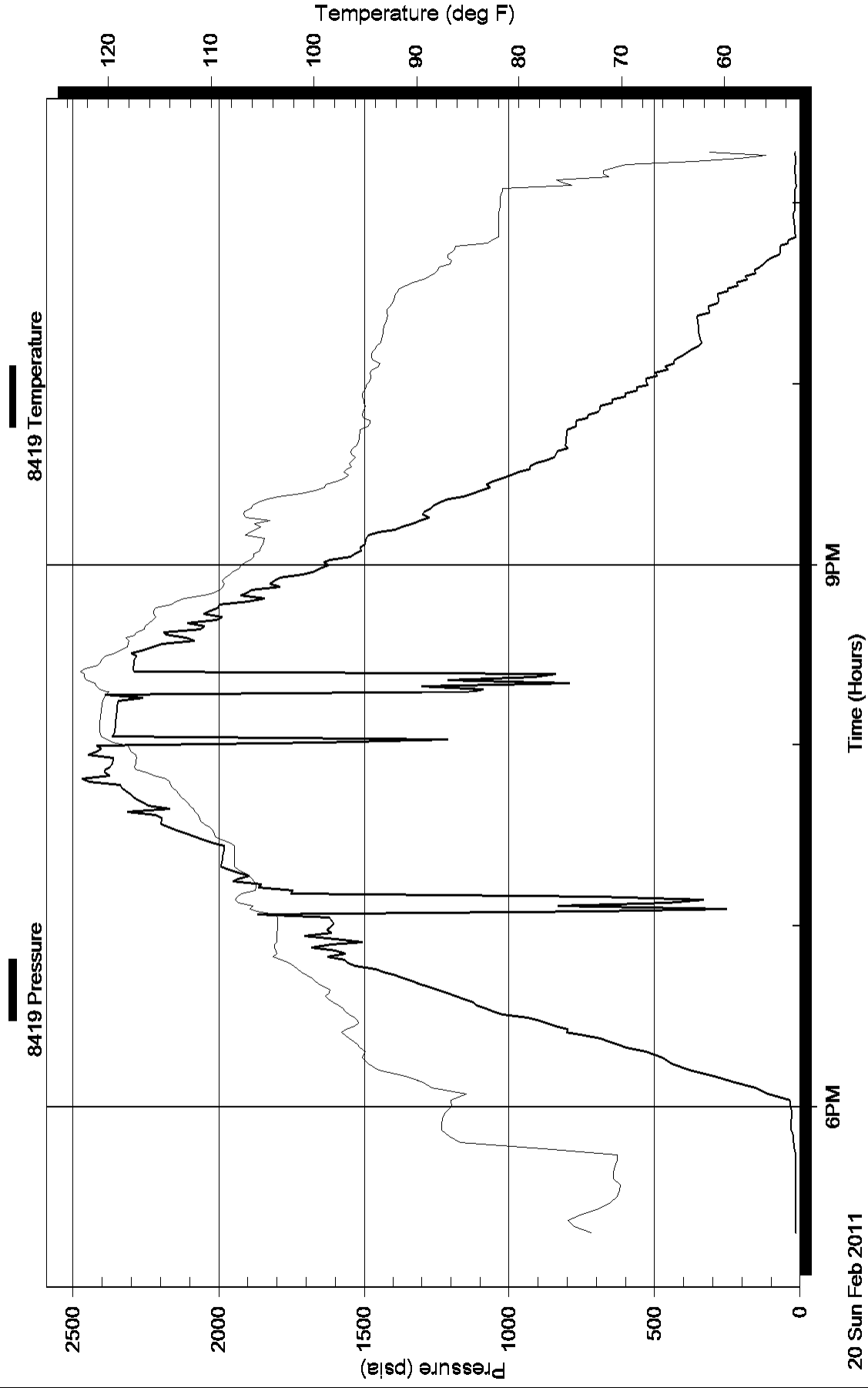
Inside

VAL ENERGY INC

34-34S-11W

DST Test Number: 1

Pressure vs. Time

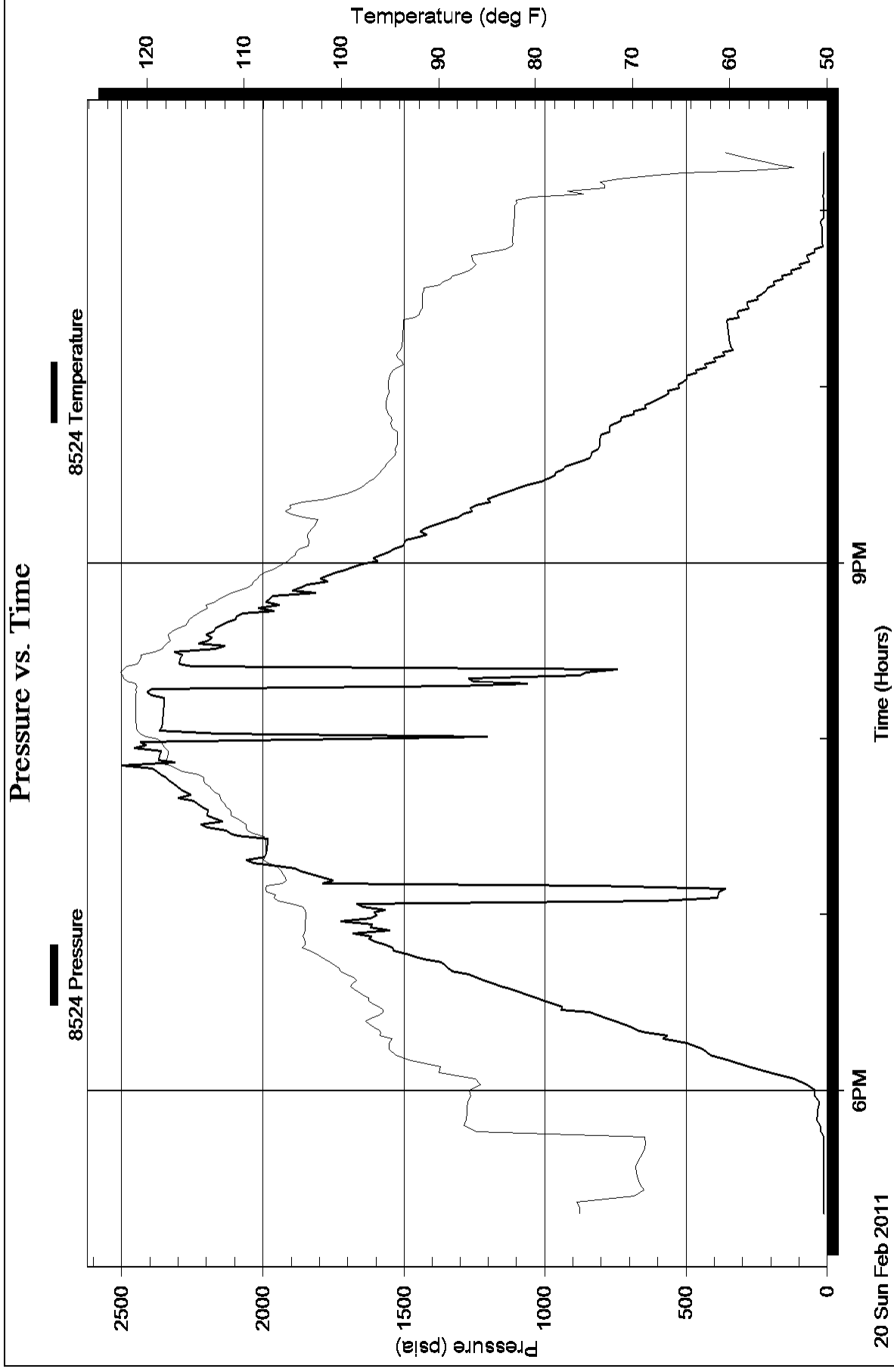


Serial #: 8524

Outside VAL ENERGY INC

34-34S-11W

DST Test Number: 1





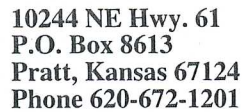
PAGE 1 of 1	CUST NO 1004409	INVOICE DATE 02/23/2011
INVOICE NUMBER 1718 - 90530066		

Pratt (620) 672-1201
 B VAL ENERGY
 I 200 W DOUGLAS AVE STE 520
 L WICHITA
 L KS US 67202
 T
 O ATTN:

J LEASE NAME Kersten 2-34
 O
 B LOCATION
 COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement, New Well Casing/Pi
 F
 E JOB CONTACT

RECEIVED
 FEB 25 2011

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE																
40287734	19905	9233		Net - 30 days	03/25/2011																
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT																
For Service Dates: 02/22/2011 to 02/22/2011																					
0040287734																					
171803574A Cement-New Well Casing/Pi 02/22/2011 P.T.A.																					
60/40 POZ		170.00	EA	8.64	1,468.68 T																
Cement Gel		294.00	EA	0.18	52.92 T																
Unit Mileage Charge-Pickups, Vans & Cars		45.00	HR	3.06	137.69																
Heavy Equipment Mileage		90.00	MI	5.04	453.56																
Proppant and Bulk Delivery Charges		331.00	MI	1.15	381.28																
Depth Charge; 501-1000'		1.00	HR	863.93	863.93																
Blending & Mixing Service Charge		170.00	MI	1.01	171.35																
Supervisor		1.00	HR	125.99	125.99																
<table border="0"> <tr> <td>PLEASE REMIT TO:</td> <td>SEND OTHER CORRESPONDENCE TO:</td> <td>SUB TOTAL</td> <td>3,655.40</td> </tr> <tr> <td>BASIC ENERGY SERVICES, LP</td> <td>BASIC ENERGY SERVICES, LP</td> <td>TAX</td> <td>111.08</td> </tr> <tr> <td>PO BOX 841903</td> <td>PO BOX 10460</td> <td>INVOICE TOTAL</td> <td>3,766.48</td> </tr> <tr> <td>DALLAS, TX 75284-1903</td> <td>MIDLAND, TX 79702</td> <td></td> <td></td> </tr> </table>						PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,655.40	BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	111.08	PO BOX 841903	PO BOX 10460	INVOICE TOTAL	3,766.48	DALLAS, TX 75284-1903	MIDLAND, TX 79702		
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PO BOX 841903	PO BOX 10460	INVOICE TOTAL	3,766.48																		
DALLAS, TX 75284-1903	MIDLAND, TX 79702																				



1718 03574 A

DATE TICKET NO. _____

CLOUD LITHO - Abilene, TX



Customer Val Energy, Incorporated		Lease No.		Date 2-22-11	
Lease Hersten		Well # 2-34			
Field Order # 3514	Station Pratt, Kansas	Casing 1 1/2 Drill Pipe	Depth	County Barber	State Kansas
Type Job C.C.S.P.W. - Plug To Abandon			Formation	Legal Description 34-343-11W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Per Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater
Rich Smith	David Scott	Clarence R. Messick

Service Units	19,866	19,903	19,905	19,826	19,860					
Driver Names	Me ssich	Mat tal		Mc Graw						

[illegible]

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



phone: 316-337-6200
fax: 316-337-6211
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

March 08, 2011

K TODD ALLAM
Val Energy, Inc.
200 W DOUGLAS AVE STE 520
WICHITA, KS 67202-3005

Re: ACO1
API 15-007-23654-00-00
KERSTEN 2-34
SE/4 Sec.34-34S-11W
Barber 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,
K TODD ALLAM