CORRECTION #1 [redacted]

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1324253

Form ACO-1
November 2016
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: 125 N MARKET ST STE 1710
Address 2:
City: WICHITA State: KS Zip: 67202 + 1728
Contact Person: DUSTIN WYER
Phone: (316) 263-6688
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: HARLEY SAYLES
Purchaser: MACLASKEY

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

9/14/2015 Spud Date or Recompletion Date
9/22/2015 Date Reached TD
10/8/2015 Completion Date or Recompletion Date

API No.: 15-193-20958-00-00
Spot Description:
NW - SE - NE - NE Sec. 20 Twp. 8 S. R. 35 ☐ East ☑ West
828 Feet from ☑ North / ☐ South Line of Section
336 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Thomas
Lease Name: JOHN A Well #: 2-20
Field Name:
Producing Formation: JOHNSON
Elevation: Ground: 3315 Kelly Bushing: 3320
Total Vertical Depth: 4870 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 266 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 2859 Feet
If Alternate II completion, cement circulated from: 2859
feet depth to: 0 w/ 400 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 27000 ppm Fluid volume: 800 bbls
Dewatering method used: Evaporated
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: 10/26/2015
☑ **Confidential Release Date:** 10/25/2017
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 12/07/2016

CORRECTION #1
Page Two

[redacted]

1324253

Operator Name: Val Energy, Inc. Lease Name: JOHN A Well #: 2-20

Sec. 20 Twp. 8 S. R. 35 ☐ East ☑ West County: Thomas

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 *(Attach Additional Sheets)*	☑ Yes	☐ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geolgist Report / Mud Logs	☐ Yes	☐ No

List All E. Logs Run:

MICRO
POROSITY
DUAL INDUCTION

☐ Log Formation (Top), Depth and Datum ☑ Sample

Name	Top	Datum
TOPEKA	3902	-582
BASE KC	4410	-1090
PAWNEE	4522	-1202
CHEROKEE	4618	-1298
SPERGEN	4828	-1508

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	24	266	6040	200	3%CC 4%GEL
Production	7.875	5.5	15.5	4845	AA2	150	3%CC 4%GEL

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	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection: 1/2/2016	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:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Val Energy, Inc.
Well Name	JOHN A 2-20
Doc ID	1324253

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	266	6040	200	3%CC 4%GEL
Production	7.875	5.5	15.5	4845	AA2	150	3%CC 4%GEL

Summary of Changes

Lease Name and Number: JOHN A 2-20

API/Permit #: 15-193-20958-00-00

Doc ID: 1324253

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	10/26/2015	12/07/2016
Date of First or Resumed Production or SWD or Enhr		1/2/2016
Perf_Depth_1		4700-4704
Perf_Record_1		4700-4704
Perf_Shots_1		4
Producing Method Pumping	No	Yes
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1268846	../../kcc/detail/operatorEditDetail.cfm?docID=1324253

Confidentiality Requested:
☑ Yes ☐ No

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1268846

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

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CONTRACTOR: License # 33575
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Wellsite Geologist: HARLEY SAYLES
Purchaser: MACLASKEY

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☑ 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.)*:

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Operator:
Well Name:
Original Comp. Date: Original Total Depth:

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☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

9/14/2015	9/22/2015	10/8/2015
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Footages Calculated from Nearest Outside Section Corner:
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Operator Name:
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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: 10/26/2015
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ I ☐ II ☐ III **Approved by:** NAOMI JAMES **Date:** 10/26/2015

Operator Name: Val Energy, Inc. Lease Name: JOHN A Well #: 2-20

Sec. 20 Twp. 8 S. R. 35 ☐ East ☑ West County: Thomas

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.

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Drill Stem Tests Taken *(Attach Additional Sheets)*	☑ Yes	☐ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
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Geologist Report / Mud Logs	☐ Yes	☐ No

List All E. Logs Run:

MICRO
POROSITY
DUAL INDUCTION

☐ Log Formation (Top), Depth and Datum ☑ Sample

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

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TUBING RECORD: Size: Set At: Packer At:

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Form	ACO1 - Well Completion
Operator	Val Energy, Inc.
Well Name	JOHN A 2-20
Doc ID	1268846

Casing

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Production	7.875	5.5	15.5	4845	AA2	150	3%CC 4%GEL

BASIC ENERGY SERVICES

PAGE	CUST N	YARD #	INVOICE DATE
1 of 1	1004409	1718	09/29/2015

INVOICE NUMBER

91928905

Pratt (620) 672-1201

BILL TO
VAL ENERGY
125 n market ste 1710
WICHITA
KS US 67202
ATTN: ACCOUNTS PAYABLE

JOB SITE
LEASE NAME: John A 2-20
LOCATION:
COUNTY: Thomas
STATE: KS
JOB DESCRIPTION: Cement-New Well Casing/Pi
JOB CONTACT:

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40878881	86779		Net - 30 days	10/29/2015

For Service Dates: 09/23/2015 to 09/23/2015

0040878881

171812620A Cement-New Well Casing/Pi 09/23/2015
Cement 5 1/2" Longstring 2 Stage

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
AA2 Cement	150.00	EA	8.16	1,224.00 T
A-Con Blend Common	400.00	EA	8.64	3,456.00 T
60/40 POZ	50.00	EA	5.76	288.00 T
Celloflake	138.00	EA	1.78	245.09 T
Calcium Chloride	1,128.00	EA	0.50	568.51 T
C-41P	36.00	EA	1.92	69.12 T
Salt	751.00	EA	0.24	180.24 T
FLA-322	113.00	EA	3.60	406.80 T
Super Flush II	500.00	EA	0.73	367.20 T
Gilsonite	750.00	EA	0.32	241.20 T
Mag Chem 10CR	423.00	EA	1.30	548.21 T
"Two Stage Cement Collar, 5 1/2"" (Blue)	1.00	EA	2,160.00	2,160.00
"Auto Fill Float Shoe 5 1/2"" (Blue)"	1.00	EA	172.80	172.80
"Turbolizer, 5 1/2"" (Blue)"	12.00	EA	52.80	633.60
"5 1/2"" Basket (Blue)"	1.00	EA	139.20	139.20
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	2.16	216.00
Heavy Equipment Mileage	300.00	MI	3.60	1,080.00
"Proppant & Bulk Del. Chgs., per ton mil	2,800.00	EA	1.20	3,360.00
Depth Charge; 4001'-5000'	1.00	EA	1,209.60	1,209.60
Blending & Mixing Service Charge	600.00	BAG	0.67	403.20
Plug Container Util. Chg.	1.00	EA	120.00	120.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	84.00	84.00

PLEASE REMIT TO:
BASIC ENERGY SERVICES,LP
PO BOX 841903
DALLAS,TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES,LP
801 CHERRY ST, STE 2100
FORT WORTH, TX 76102

SUB TOTAL	**17,172.77**
TAX	**569.58**
INVOICE TOTAL	**17,742.35**

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 12620 A

20-8S-35W

DATE TICKET NO.

DATE OF JOB 9-23-15 DISTRICT Pratt, Kansas	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Val Energy, Inc	LEASE John "A" WELL NO. 2-20
ADDRESS	COUNTY Thomas STATE Kansas
CITY STATE	SERVICE CREW Messick D. Franklin M. Makal S. Chavez
AUTHORIZED BY	JOB TYPE: N.W. 2 Stage Longstring

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
86,779	.5	86,779	.5		
73,768	.5	37,724/30464	.5		

	DATE	TIME
TRUCK CALLED	9-22-15	AM PM 10:30
ARRIVED AT JOB	9-23-15	AM PM 6:15
START OPERATION		AM PM 9:45
FINISH OPERATION		AM PM
RELEASED	9-23-15	AM PM
MILES FROM STATION TO WELL	100	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP 105	AA2 Cement	sk	150		2,550 00
CP 101	A-Con Blend Common	sk	400		7,200 00
CP 103	60/40 Poz	sk	50		600 00
CC 102	Cellflake	Lb	38		140 60
CC 105	C-41P	Lb	36		144 00
CC 111	Salt	Lb	751		375 50
CC 116	Mag Chem 10CR	Lb	423		1,142 10
CC 129	FLA 322	lb	113		847 50
CC 201	Gilsonite	lb	750		502 50
CC 102	Cellflake	Lb	100		370 00
CC 109	Calcium Chloride	Lb	1128		1,184 40
CF 451	Two Stage Cement Collar, 5½"	Ea	1		4,500 00
CF 1251	Auto Fill Float Shoe, 5½"	Ea	1		360 00
CF 1651	Turbalizer 5½"	Ea	12		1,320 00
CF 1901	5½" Basket	Ea	1		290 00
				SUB TOTAL	

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

N/C

SERVICE REPRESENTATIVE R. Mcdonald

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 ~~12621~~ A
Continuation

20-8S-35W

DATE TICKET NO. 12620

DATE OF JOB 9-23-15	DISTRICT Pratt, Kansas	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐	CUSTOMER ORDER NO.:
CUSTOMER Val Energy, Inc.		LEASE John "A"	WELL NO. 2-20
ADDRESS		COUNTY Thomas	STATE Kansas
CITY	STATE	SERVICE CREW C. Messick; D. Franklin; M. Mattal; S. Chavez	
AUTHORIZED BY		JOB TYPE: C.N.W. Two Stage Long string	

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS

	DATE	AM PM	TIME
TRUCK CALLED		AM PM	
ARRIVED AT JOB		AM PM	
START OPERATION		AM PM	
FINISH OPERATION		AM PM	
RELEASED		AM PM	
MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CC155	Super Flush II	Gal	500		$ 765 00
E100	Unit Mileage Charge Pickups, Small Vans & Cars	mi	100		$ 450 00
E101	Heavy Equipment Charge	mi	300		$ 2,250 00
E113	Proppant and Bulk Delivery	Tm	2800		$ 7,000 00
CE205	Depth Charge: 4,001 Feet To 5,000 Feet	4 Hr	1		$ 2,520 00
CE240	Blending and Mixing Service	sk	600		$ 840 00
CE504	Plug Container Utilization	Job	1		$ 250 00
5003	Service Supervisor	Ea	1		$ 175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		$ 35,776 60
SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
TOTAL		$ 17,172 00

SERVICE REPRESENTATIVE R. Oswald

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

Page # 1 of 2

BASiC energy services, L.P.

TREATMENT REPORT

Customer: Val Energy, Inc.	Lease No.	Date: 9-23-15
Lease: John "A"	Well #: 2-20	

Field Order #: 12,620	Station: Pratt, Kansas	Casing: 5½"	Depth	County: Thomas	State: Kansas
Type Job: C.N.W. 2 Stage Long String		Formation		Legal Description: 20-8S-35W	

PIPE DATA		PERFORATING DATA		FLUID USED (Cement Bottom Stage)	TREATMENT RESUME		
Casing Size: 5½	Tubing Size	Shots/Ft		Acid: 150 sacks AA2 with .25 Lb/sk. cell flake,	RATE	PRESS	ISIP
Depth: 4,846 Feet	Depth	From	To	Pre Pad: .25% Defoamer, 10% Salt, .8% Fluid Loss,	Max		5 Min.
Volume: 118 Bbl.	Volume	From	To	Pad: 5 Lb./sk. Gilsonite, .3% Mag Chem	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection: Swedge and 2" Valve	Annulus Vol.	From	To: 50 sacks 60/40 Poz to		HHP Used: Plug Rat (30 sks.) & Mouse (20 sks.) holes		Annulus Pressure
Plug Depth: 4,808 Feet	Packer Depth	From	To	Flush: 50 Bbl. H_2O & 5	Gas Volume: Bbl. Mud		Total Load

Customer Representative: Rick Smith	Station Manager: Kevin Gordley	Treater: Clarence R. Messich	

Service Units	37,216	78,982	86,779	70,959	73,768						
Driver Names	Messich	Franklin		Mattal		~~Chavez~~					

Time AM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:15					Trucks on location and hold safety meeting.
6:30					WW Drilling start to run ~~127 Joints used Tested~~ Auto Fill Float shoe, Shoe Joint with Latch Down Baffle screwed into collar and a total of 127 Jts. used Tested 5½" casing. A Turbolizer was installed on collars # 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 50, and # 52. A Basket was installed on Jt. # 52. A D.V. Tool was installed on top of Jt. # 51 or 2,859 Feet down from surface.
8:30					Casing in well. Circulate for 1 Hour.
9:50	2,500				Shut in well. Pressure Test. Open well.
9:53	200			5	Start Fresh water Pre-Flush.
	\		5	5	Start Super Flush II.
			17	5	Start Fresh water spacer.
10:00	200		22	5	Start mixing 150 sacks AA2 Blend cement.
			60		Stop pumping. Wash pump and lines. Remove Valve and swedge. Insert Latch Down Plug into casing. Reinstall swedge and 2" Valve.
10:20	100			6	Start Fresh water Displacement.
			50	5	Start Drilling mud Displacement.
			90		Start to lift cement.
10:53	600		117		Plug down.
	2,000				Pressure up.
					Release pressure. Float Shoe held.
11:00					Release D.V. Tool opening Device

BASIC energy services, L.P.

TREATMENT REPORT

Customer: Val Energy, Inc.	Lease No.	Date: 9 23 15	
Lease: John "A"	Well #: 2-20		
Field Order #: 12620	Station: Pratt, Kansas	Casing: 5 1/2"	Depth
County: Thomas	State: Kansas		
Type Job: CNW Two Stage Longstring Cement	Formation	Legal Description: 20-8S-35W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 5 1/2	Tubing Size	Shots/Ft		Acid: 400 sacks A Con with 3% Calcium chloride,	RATE	PRESS	ISIP
Depth: 2359 Feet	Depth	From	To	Pre Pad: .25 Lbl/sk. cell flake	Max		5 Min.
Volume: 70 Bbl	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection: Plug Container	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 2359 Feet	Packer Depth	From	To	Flush: 70 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative: Rick Smith | Station Manager: Kevin Gordley | Treater: Clarence R. Messick

Service Units	37,216	78,982	86,779	30,464	37,724						
Driver Names	Messick	Franklin		Chavez							

Time AM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:20					Open DV Tool 1/2
					Hook up well to rig pump & circulate for 1 Hour.
					~~Start~~ m
					Install Plug container.
12:14	100			6	Start mixing 400 sacks A Con Blend Cement
			197		Stop pumping. Shut in well. Wash pump and
					lines. Release closing Plug Open well.
12:30	100			6	Start Freshwater Displacement
12:55	600		70		Plug down.
					Pressure up and close DV Tool.
					Circulated 20 sacks cement to the pit
			7.5	3	Plug Rat and mouse holes.
					Wash up pump truck
1:45					Job Complete.
					Thank You
					Clarence, Darrin, Mike, Santiago

Taylor Printing, Inc. 620-672-3656

BASIC ENERGY SERVICES

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1004409	1718	09/16/2015

INVOICE NUMBER

91916937

Pratt (620) 672-1201

BILL TO
VAL ENERGY
125 n market ste 1710
WICHITA
KS US 67202
ATTN: ACCOUNTS PAYABLE

JOB SITE
LEASE NAME John A 2-20
LOCATION
COUNTY Thomas
STATE KS
JOB DESCRIPTION Cement-New Well Casing/Pi
JOB CONTACT

9208

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40875009	19843		Net - 30 days	10/16/2015

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 09/14/2015 to 09/14/2015				
0040875009				
171812769A Cement-New Well Casing/Pi 09/14/2015				
Cement 8 5/8 Surface				
60/40 POZ	200.00	EA	4.20	840.00 T
Celloflake	50.00	EA	1.30	64.75 T
Calcium Chloride	516.00	EA	0.37	189.63 T
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	1.58	157.50
Heavy Equipment Mileage	200.00	MI	2.63	525.00
"Proppant & Bulk Del. Chgs., per ton mil	860.00	EA	0.88	752.50
Depth Charge; 0-500'	1.00	EA	350.00	350.00
Blending & Mixing Service Charge	200.00	BAG	0.49	98.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	61.25	61.25

PLEASE REMIT TO:
BASIC ENERGY SERVICES,LP
PO BOX 841903
DALLAS,TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES,LP
801 CHERRY ST, STE 2100
FORT WORTH, TX 76102

SUB TOTAL	3,038.63
TAX	82.08
INVOICE TOTAL	3,120.71

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 12769 A

DATE TICKET NO.

DATE OF JOB 09-14-15 DISTRICT Pratt Ks	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER VAL ENERGY	LEASE JOHN A 2-20 WELL NO.
ADDRESS	COUNTY THOMAS STATE KS
CITY STATE	SERVICE CREW Sullivan, [illegible], [illegible]
AUTHORIZED BY	JOB TYPE: cnw 8 5/8 SURFACE

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS		DATE	AM/PM	TIME
						TRUCK CALLED	9-14		2:00
19843	20					ARRIVED AT JOB			7:15
17860	15					START OPERATION			7:55
						FINISH OPERATION			8:20
						RELEASED			8:45
						MILES FROM STATION TO WELL			100

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:___________________
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP 103	60/40 Poz cmt	SK	200		2,400.00
CC 102	Cellflake	lb	50		185.00
CC 109	Calcium Chloride	lb	516		541.80
E 100	Pickup mi	mi	100		450.00
E 101	Heavy Eqpt	mi	200		1,500.00
E 113	Bulk Delivery	Tm	860		2,150.00
CE 200	Depth charge 0-500'	EA	1		1,080.00
CE 240	Blending & Mixing	sk	200		280.00
S003	Service Supervisor	EA	1		175.00

SUB TOTAL 8,681.80

SERVICE & EQUIPMENT %TAX ON $
MATERIALS %TAX ON $

TOTAL 3,038.63

CHEMICAL / ACID DATA:

SERVICE REPRESENTATIVE Robert [signature]

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC energy services, L.P.

TREATMENT REPORT

Customer VAL-ENERGY	Lease No.	Date 09-14-15	
Lease Tell A	Well # 2-20		
Field Order # 12769	Station Pratt KS	Casing 8 5/8	Depth 264
County Harper	State KS		
Type Job CMW & SL Surface	Formation	Legal Description 20-32-7W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 264	Depth	From	To	Pre Pad	Max		5 Min.
Volume 15	Volume	From	To	Pad	Min		10 Min.
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.
Well Connection Surface	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative		Station Manager Dave Scott				Treater Robert Lochmiller					
Service Units	32910	31861	19813	19913	19800						
Driver Names	Sullivan	Ed Mc		Frank							

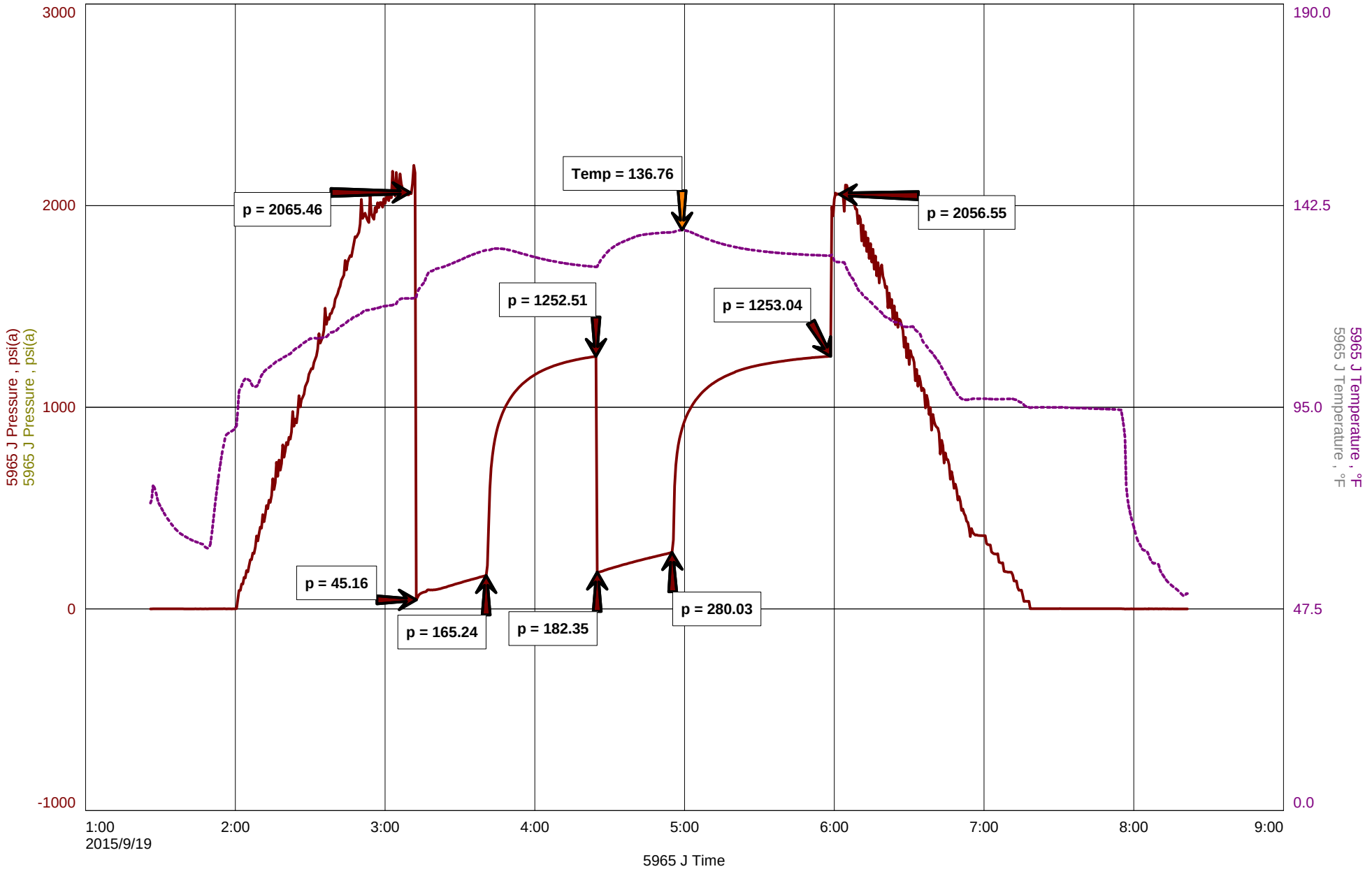
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:15					on loc
					casing on Bottom circ w/ Rig
7:55				3	St Spacer
					mix cmt 200 sk 60/40 poz
					2% gel 3% cc 1/4# cf
			43	4.5	cmt mix-ed
					-St Disp
8:20			15		Plug down
					Circ 15 BBL to Pit
					Job Complete
					Thank You

Taylor Printing, Inc. 620-672-3656

Val Energy
DST 1 Lan H,I,J 4294-4350
Start Test Date: 2015/09/19
Final Test Date: 2015/09/19

John A 2-20
Formation: Lan H,I,J
Job Number: W208

John A 2-20 DST 1



Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name Val Energy

Contact	Harley Sayles	**Job Number**	W208
Well Name	John A 2-20	**Representative**	Wilbur Steinbeck
Unique Well ID	DST 1 Lan H,I,J 4294-4350	**Well Operator**	WW 2
Surface Location	20-8s-35w Thomas/Kans	**Report Date**	2015/09/19
Field	Wildcat	**Prepared By**	Wilbur Steinbeck
		Qualified By	Harley Sayles

Test Information

Test Type	Conventional
Formation	Lan H,I,J
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test

Start Test Date	2015/09/19	**Start Test Time**	01:26:00
Final Test Date	2015/09/19	**Final Test Time**	08:22:00

Test Recovery

Recovery
656' Gassy Free Oil
150' GMCO 25%G 25%M 50%O
806' Total Fluid
400' GIP

Tool Sample GMCO 10%G 20%M 70%O

Corrected Gravity=35.8

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: John A 2-20 DST 1

TIME ON: 1:26

TIME OFF: 8:22

Company Val Energy Inc — Lease & Well No. John A 2-20

Contractor WW 2 — Charge to Val

Elevation 3320 KB Formation Lan H,I,J Effective Pay ____ Ft. Ticket No. W208

Date 9-19-15 Sec. 20 Twp. 8 S Range 35 W County Thomas State KANSAS

Test Approved By Harley Sayles — Diamond Representative Wilbur Steinbeck

Formation Test No. 1 Interval Tested from 4294 ft. to 4350 ft. Total Depth 4350 ft.

Packer Depth 4289 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.

Packer Depth 4294 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4280 ft. — Recorder Number 5965 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4295 ft. — Recorder Number 5587 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ Cap. ____ P.S.I.

Mud Type Chem Viscosity 63 — Drill Collar Length 117 ft. I.D. 2 1/4 in.

Weight 9.0 Water Loss 8.8 cc. — Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 4000 P.P.M. — Drill Pipe Length 4144 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 7 — Test Tool Length 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? Yes Reversed Out NO — Anchor Length 56 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: BOB in 5 min — BOB in 13 min

2nd Open: BOB in 4 min — BOB in 14 min

Recovered 656 ft. of Gassy Free Oil

Recovered 150 ft. of GMCO 25%G 25%M 50%O

Recovered 806 ft. of Total Fluid

Recovered 400 ft. of GIP

Recovered ____ ft. of 130 Miles RT — Price Job

Recovered ____ ft. of ____ — Other Charges

Remarks: — Insurance

Tool Sample=GMCO 10%G 20%M 70%O

Corrected Gravity=35.8 — Total

Time Set Packer(s) 3:10 A.M. P.M. Time Started Off Bottom 5:55 A.M. P.M. Maximum Temperature 137

Initial Hydrostatic Pressure ..... (A) 2065 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 45 P.S.I. to (C) 165 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1253 P.S.I.

Final Flow Period ..... Minutes 30 (E) 182 P.S.I. to (F) 280 P.S.I.

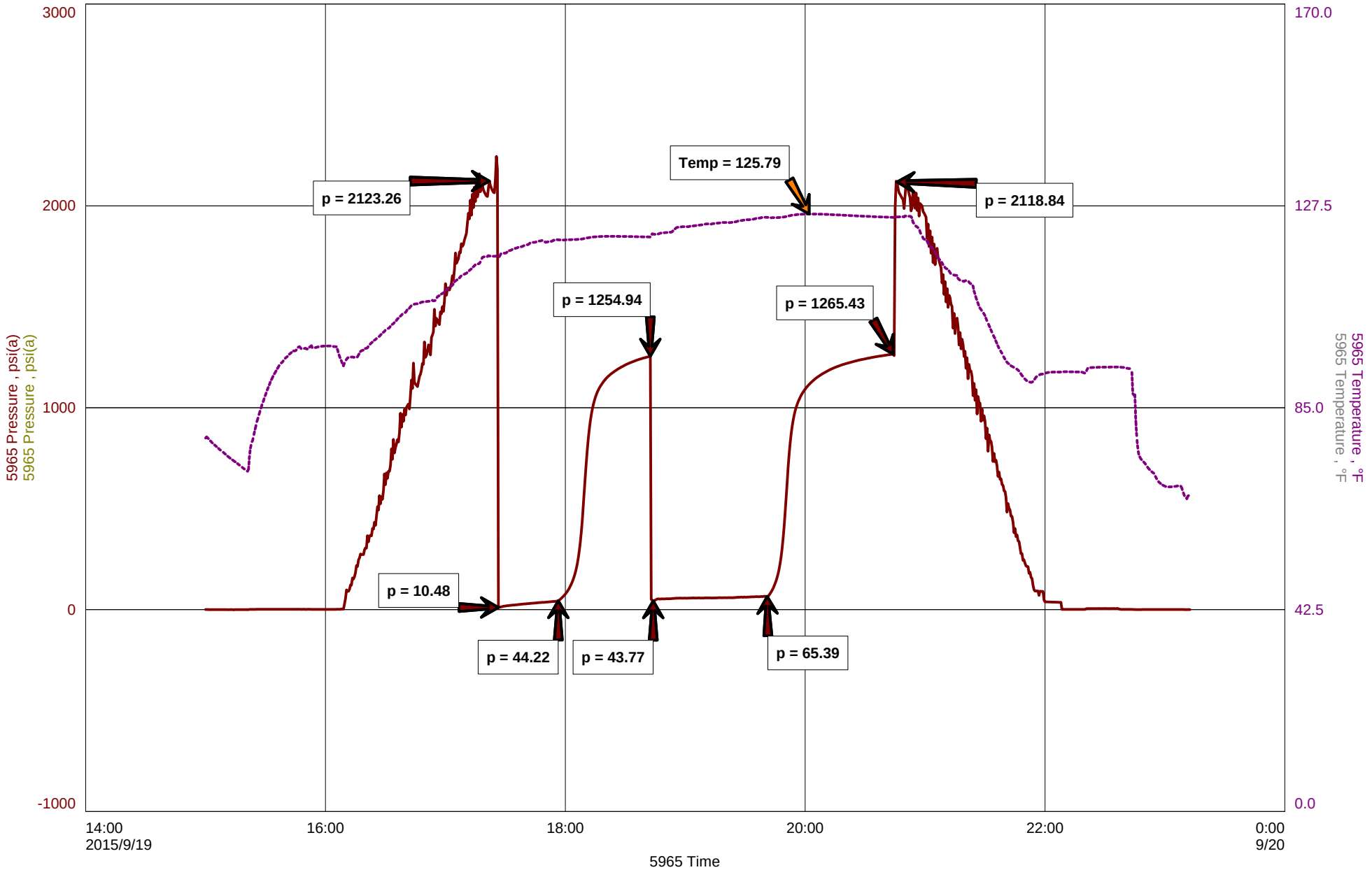
Final Closed In Period ..... Minutes 60 (G) 1253 P.S.I.

Final Hydrostatic Pressure ..... (H) 2057 P.S.I.

Val Energy
DST 2 Lan K 4346-4382
Start Test Date: 2015/09/19
Final Test Date: 2015/09/19

John A 2-20
Formation: Lan K
Job Number: W209

John A 2-20 DST 2



Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name Val Energy

Contact	Harley Sayles	**Job Number**	W209
Well Name	John A 2-20	**Representative**	Wilbur Steinbeck
Unique Well ID	DST 2 Lan K 4346-4382	**Well Operator**	WW 2
Surface Location	20-8s-35w Thomas/Kans	**Report Date**	2015/09/19
Field	Wildcat	**Prepared By**	Wilbur Steinbeck
		Qualified By	Harley Sayles

Test Information

Test Type	Conventional
Formation	Lan K
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test

Start Test Date	2015/09/19	**Start Test Time**	15:00:00
Final Test Date	2015/09/19	**Final Test Time**	23:13:00

Test Recovery

Recovery
70' Gassy Free Oil
80' GWMCO 15%G 10%W 25%M 40%O
150' Total Fluid
180' GIP

Tool Sample GWMCO 10%G 10%W 40%M 40%O

Corrected Gravity=38

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: John A 2-20 DST 2

TIME ON: 15:00

TIME OFF: 23:13

Company Val Energy Inc — Lease & Well No. John A 2-20

Contractor WW 2 — Charge to Val

Elevation 3320 KB Formation Lan K Effective Pay ____ Ft. Ticket No. W209

Date 9-19-15 Sec. 20 Twp. 8 S Range 35 W County Thomas State KANSAS

Test Approved By Harley Sayles — Diamond Representative Wilbur Steinbeck

Formation Test No. 2 Interval Tested from 4346 ft. to 4382 ft. Total Depth 4382 ft.

Packer Depth 4341 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.

Packer Depth 4346 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4332 ft. — Recorder Number 5965 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4347 ft. — Recorder Number 5587 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ Cap. ____ P.S.I.

Mud Type Chem Viscosity 52 — Drill Collar Length 117 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 9.6 cc. — Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 5000 P.P.M. — Drill Pipe Length 4196 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 7 — Test Tool Length 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? Yes Reversed Out NO — Anchor Length 36 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: Built to 6 1/4" No Return

2nd Open: BOB in 55 min No Return

Recovered 70 ft. of Gassy Free Oil

Recovered 80 ft. of GWMCO 15%G 10%W 35%M 40%O

Recovered 150 ft. of Total Fluid

Recovered 180 ft. of GIP

Recovered ____ ft. of 130 Miles RT — Price Job

Recovered ____ ft. of ____ — Other Charges

Remarks: — Insurance

Tool Sample=GWMCO 10%G 10%W 40%M 40%O

Corrected Gravity=38 — Total

Time Set Packer(s) 17:25 A.M. P.M. Time Started Off Bottom 20:40 A.M. P.M. Maximum Temperature 126

Initial Hydrostatic Pressure ..... (A) 2123 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 10 P.S.I. to (C) 44 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1255 P.S.I.

Final Flow Period ..... Minutes 60 (E) 44 P.S.I. to (F) 65 P.S.I.

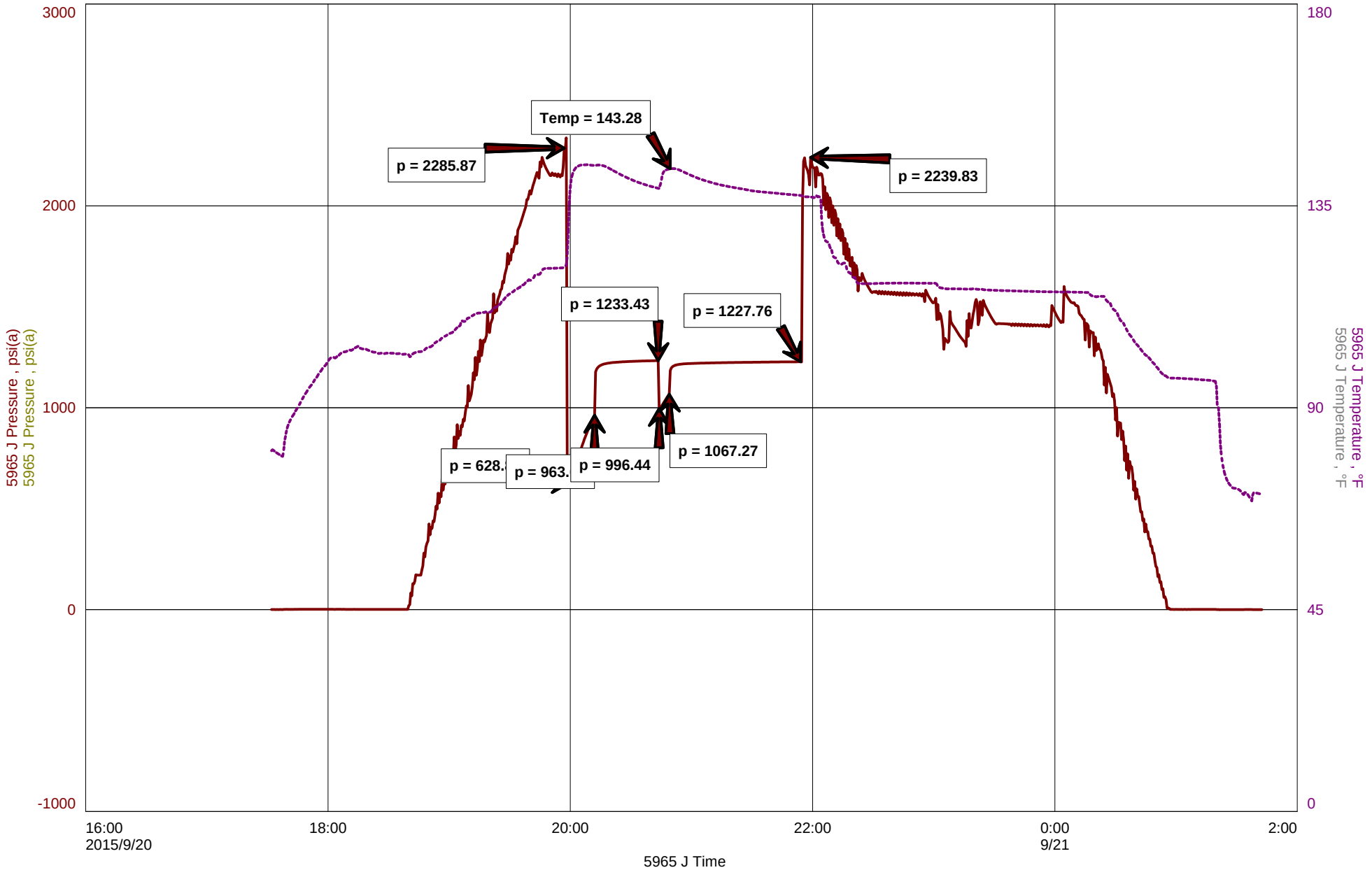
Final Closed In Period ..... Minutes 60 (G) 1265 P.S.I.

Final Hydrostatic Pressure ..... (H) 2119 P.S.I.

Val Energy
DST 3 Pawnee 4508-4559
Start Test Date: 2015/09/20
Final Test Date: 2015/09/21

John A 2-20
Formation: Pawnee
Job Number: W210

John A 2-20 DST 3



Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name Val Energy

Contact	Harley Sayles	**Job Number**	W210
Well Name	John A 2-20	**Representative**	Wilbur Steinbeck
Unique Well ID	DST 3 Pawnee 4508-4559	**Well Operator**	WW 2
Surface Location	20-8s-35w Thomas/Kans	**Report Date**	2015/09/20
Field	Wildcat	**Prepared By**	Wilbur Steinbeck
		Qualified By	Harley Sayles

Test Information

Test Type	Conventional
Formation	Pawnee
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test

Start Test Date	2015/09/20	**Start Test Time**	17:32:00
Final Test Date	2015/09/21	**Final Test Time**	01:42:00

Test Recovery

Recovery 3000' Gassy Free Oil
180' GMCO 10%G 35%M 55%O
3180' Total Fluid
Gas to surface

Tool Sample MCO 15%M 85%O

Corrected Gravity=38.6

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: John A 2-20 DST 3

TIME ON: 17:32

TIME OFF: 1:42

Company Val Energy Inc — Lease & Well No. John A 2-20

Contractor WW 2 — Charge to Val

Elevation 3320 KB Formation Pawnee Effective Pay ____ Ft. Ticket No. W210

Date 9-20-15 Sec. 20 Twp. 8 S Range 35 W County Thomas State KANSAS

Test Approved By Harley Sayles — Diamond Representative Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 4508 ft. to 4559 ft. Total Depth 4559 ft.

Packer Depth 4503 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.

Packer Depth 4508 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4494 ft. — Recorder Number 5965 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4509 ft. — Recorder Number 5587 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ Cap. ____ P.S.I.

Mud Type Chem Viscosity 57 — Drill Collar Length 117 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 9.6 cc. — Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 5000 P.P.M. — Drill Pipe Length 4358 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 7 — Test Tool Length 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? Yes Reversed Out Yes — Anchor Length 51 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: BOB in 10 sec — BOB in 1 min

2nd Open: BOB in 16 sec — BOB in 45 sec

Recovered 3000 ft. of Gassy Free Oil

Recovered 180 ft. of GMCO 10%G 35%M 55%O

Recovered 3180 ft. of Total Fluid

Recovered ____ ft. of Gas To Surface

Recovered ____ ft. of 25 Miles RT

Recovered ____ ft. of ____

Remarks:

Tool Sample=MCO 15%M 85%O

Corrected Gravity=38.6

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 19:57 A.M. P.M. Time Started Off Bottom 21:47 A.M. P.M. Maximum Temperature 143

Initial Hydrostatic Pressure ..... (A) 2286 P.S.I.

Initial Flow Period ..... Minutes 15 (B) 629 P.S.I. to (C) 964 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 1233 P.S.I.

Final Flow Period ..... Minutes 5 (E) 996 P.S.I. to (F) 1067 P.S.I.

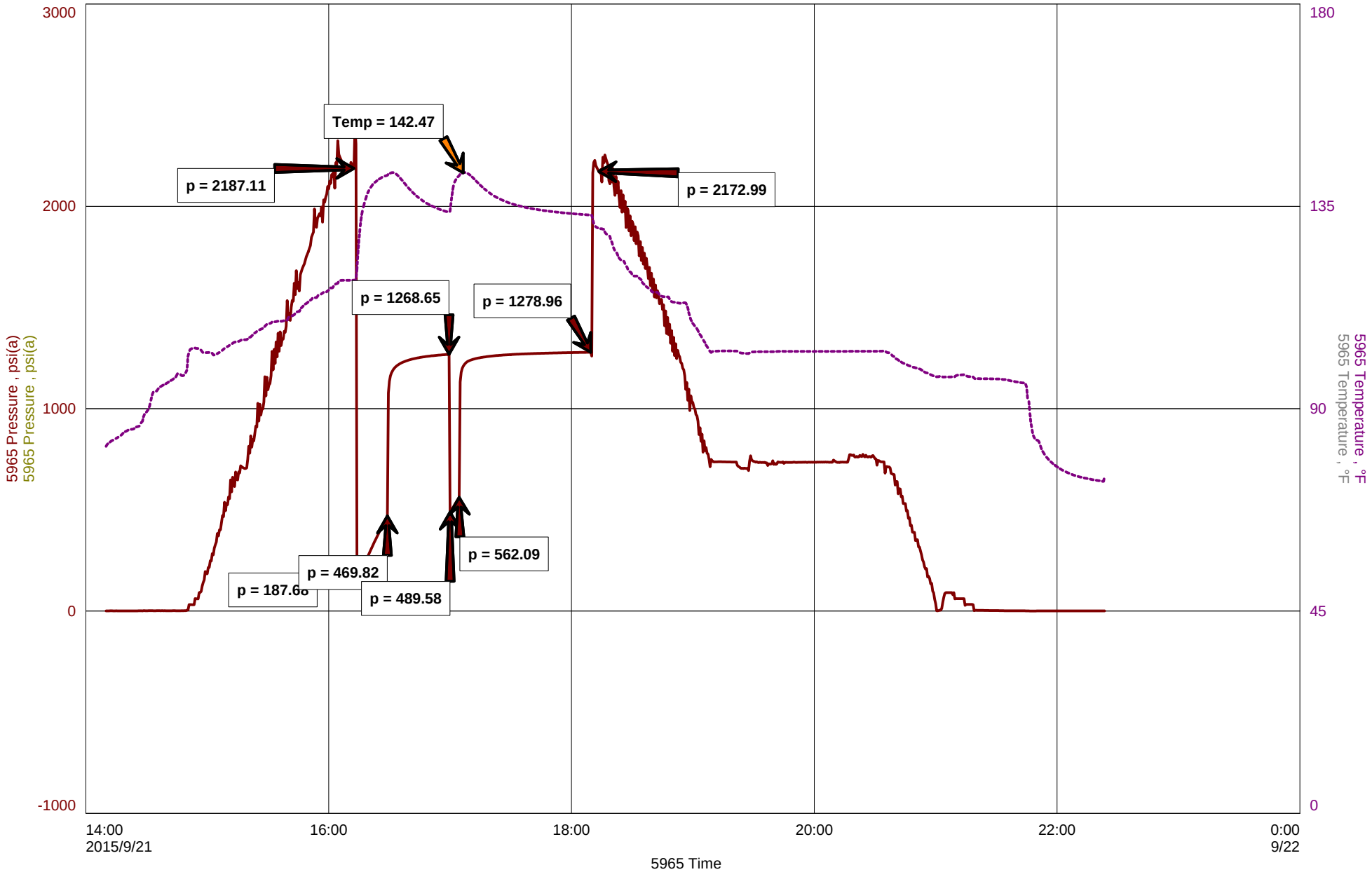
Final Closed In Period ..... Minutes 60 (G) 1228 P.S.I.

Final Hydrostatic Pressure ..... (H) 2240 P.S.I.

Val Energy
DST 4 Myric Station/Fort Scott/Cherokee 4552-4666
Start Test Date: 2015/09/21
Final Test Date: 2015/09/21

John A 2-20
Formation: Myric Station/Fort Scott/Cherokee
Job Number: W211

John A 2-20 DST 4



Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name Val Energy

Contact	Harley Sayles	**Job Number**	W211
Well Name	John A 2-20	**Representative**	Wilbur Steinbeck
Unique Well ID	DST 4 Myric Station/Fort Scott/Cherokee 4552-4666	**Well Operator**	WW 2
Surface Location	20-8s-35w Thomas/Kans	**Report Date**	2015/09/21
Field	Wildcat	**Prepared By**	Wilbur Steinbeck
		Qualified By	Harley Sayles

Test Information

Test Type	Conventional
Formation	Myric Station/Fort Scott/Cherokee
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test

Start Test Date	2015/09/21	**Start Test Time**	14:10:00
Final Test Date	2015/09/21	**Final Test Time**	22:26:00

Test Recovery

Recovery 1350' Gassy Free Oil
180' GMCO 10%G 30%M 60%O
1530' Total Fluid
Gas to surface

Tool Sample MCO 20%M 80%O

Corrected Gravity=34.2

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: John A 2-20 DST 4

TIME ON: 14:10

TIME OFF: 22:26

Company Val Energy Inc — Lease & Well No. John A 2-20

Contractor WW 2 — Charge to Val

Elevation 3320 KB — Formation Myric Station/Fort Scott/Cherokee — Effective Pay ____ Ft. — Ticket No. W211

Date 9-21-15 — Sec. 20 — Twp. 8 S — Range 35 W — County Thomas — State KANSAS

Test Approved By Harley Sayles — Diamond Representative Wilbur Steinbeck

Formation Test No. 4 — Interval Tested from 4552 ft. to 4666 ft. — Total Depth 4666 ft.

Packer Depth 4547 ft. — Size 6 3/4 in. — Packer depth ____ ft. — Size 6 3/4 in.

Packer Depth 4552 ft. — Size 6 3/4 in. — Packer depth ____ ft. — Size 6 3/4 in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4538 ft. — Recorder Number 5965 — Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4553 ft. — Recorder Number 5587 — Cap. 5,000 P.S.I.

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type Chem — Viscosity 66 — Drill Collar Length 117 ft. — I.D. 2 1/4 in.

Weight 9.0 — Water Loss 8.8 cc. — Weight Pipe Length 0 ft. — I.D. 2 7/8 in

Chlorides 6200 P.P.M. — Drill Pipe Length 4402 ft. — I.D. 3 1/2 in

Jars: Make STERLING — Serial Number 7 — Test Tool Length 33 ft. — Tool Size 3 1/2-IF in

Did Well Flow? Yes — Reversed Out Yes — Anchor Length 114 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: BOB in 26 sec — BOB in 44 sec

2nd Open: BOB in 29 sec — BOB in 1 min 6 sec

Recovered 1350 ft. of Gassy Free Oil

Recovered 180 ft. of GMCO 10%G 30%M 60%O — Reversing sub used

Recovered 1530 ft. of Total Fluid

Recovered ____ ft. of Gas To Surface

Recovered ____ ft. of 25 Miles RT — Price Job

Recovered ____ ft. of ____ — Other Charges

Remarks: — Insurance

Tool Sample=MCO 20%M 80%O

Corrected Gravity=34.2 — Total

Time Set Packer(s) 16:15 A.M. P.M. — Time Started Off Bottom 18:05 A.M. P.M. — Maximum Temperature 142

Initial Hydrostatic Pressure ..... (A) 2187 P.S.I.

Initial Flow Period ..... Minutes 15 (B) 188 P.S.I. to (C) 470 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 1269 P.S.I.

Final Flow Period ..... Minutes 5 (E) 490 P.S.I. to (F) 562 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1279 P.S.I.

Final Hydrostatic Pressure ..... (H) 2173 P.S.I.