

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

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 #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

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:		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom

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

TUBING RECORD:	Size:	Set At:	Packer At:
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HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
VAL ENERGY, INC.
125 N MARKET
STE 1710
Wichita, KS 67202

Invoice Date: 7/20/2020
Invoice #: 0348432
Lease Name: King
Well #: 1-20 (New)
County: Sherman, Ks
Job Number: ICT3852
District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Heavy Eq Mileage	45.000	3.000	135.00
Light Eq Mileage	45.000	1.500	67.50
Ton Mileage	436.500	1.125	491.06
Cement Pump Service	1.000	562.500	562.50
Calcium Chloride	582.000	0.563	327.38
Cello Flake	57.000	1.312	74.81
Cement Pozmix 60/40	225.000	9.750	2,193.75

Total 3,852.00

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



Customer	Val Energy, LLC	Lease & Well #	King 1-20	Date	7/20/2020
Service District	Oakley KS	County & State	Sherman KS	Legals S/T/R	20-BS-37W
Job Type	Surface	<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	Legals S/T/R New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	Job #
Equipment #	Driver	Ticket #			
73	Josh	ICT3852			
230	Michael	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			
242	John	<input checked="" type="checkbox"/> Hard hat <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Lockout/Tagout <input checked="" type="checkbox"/> Warning Signs & Flagging <input checked="" type="checkbox"/> H2S Monitor <input checked="" type="checkbox"/> Eye Protection <input type="checkbox"/> Required Permits <input type="checkbox"/> Fall Protection <input checked="" type="checkbox"/> Safety Footwear <input type="checkbox"/> Respiratory Protection <input checked="" type="checkbox"/> Slip/Trip/Fall Hazards <input checked="" type="checkbox"/> Specific Job Sequence/Expectations <input checked="" type="checkbox"/> FRC/Protective Clothing <input type="checkbox"/> Additional Chemical/Acid PPE <input checked="" type="checkbox"/> Overhead Hazards <input checked="" type="checkbox"/> Muster Point/Medical Locations <input checked="" type="checkbox"/> Hearing Protection <input checked="" type="checkbox"/> Fire Extinguisher <input type="checkbox"/> Additional concerns or issues noted below			
Comments					
Cement was in the bottom of cellar					

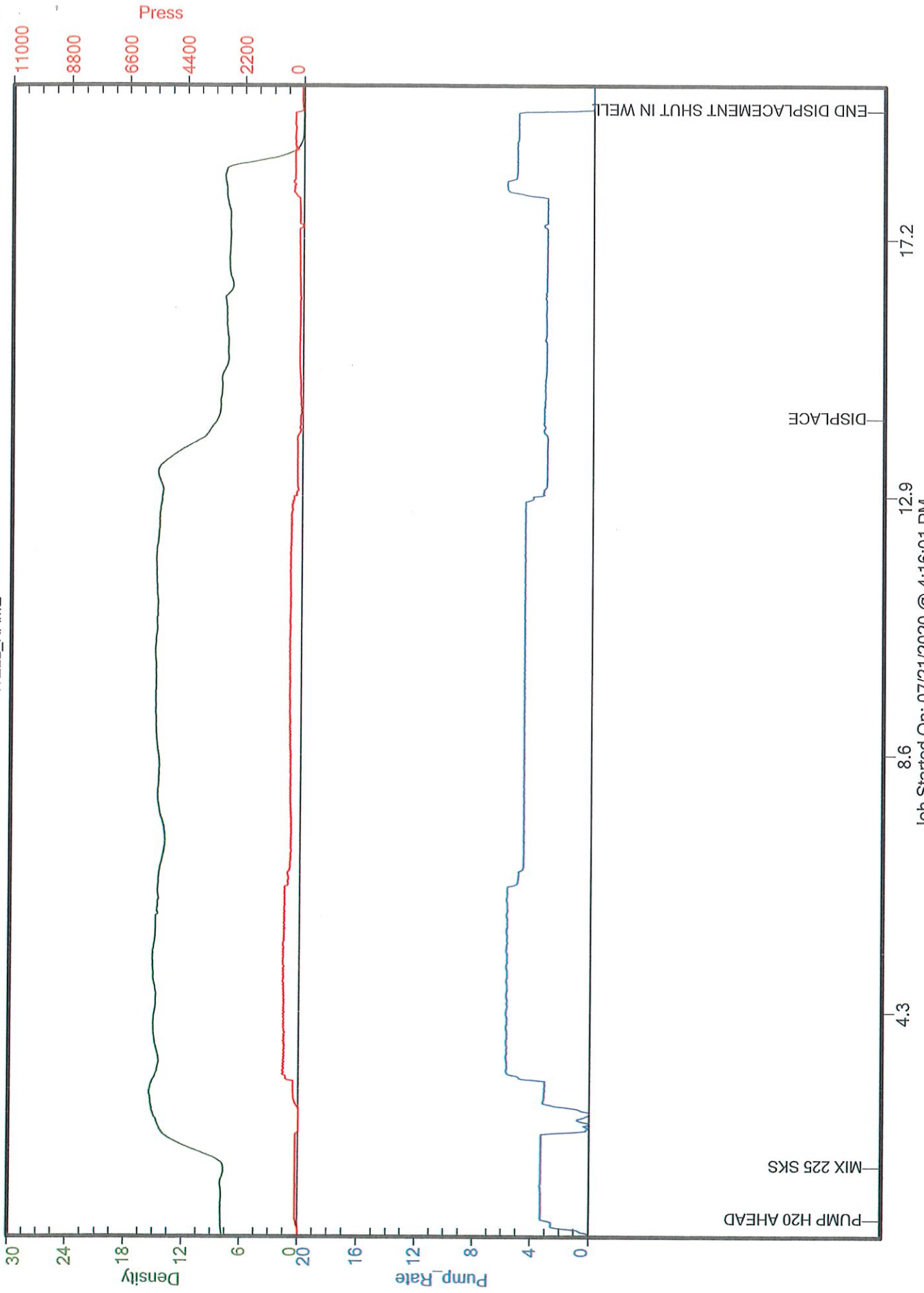
Product/Service Code	Description	Unit of Measure	Quantity			Net Amount
M010	Heavy Equipment Mileage	mi	45.00			\$135.00
M015	Light Equipment Mileage	mi	45.00			\$67.50
M020	Ton Mileage	tm	436.50			\$491.06
C010	Cement Pump Service	ea	1.00			\$562.50
CP100	Calcium Chloride	lb	582.00			\$327.38
CP120	Cello-flake	lb	57.00			\$74.81
CP070	60/40/2 Pozmix	sack	225.00			\$2,193.75

Customer Section: On the following scale how would you rate Hurricane Services Inc.?	Total Taxable	\$ -	Tax Rate:	Net:	\$3,852.00
Based on this job, how likely is it you would recommend HSI to a colleague?	State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.			Sale Tax:	\$ -
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Unlikely 1 2 3 4 5 6 7 8 9 10 Extremly Likely	HSI Representative: <i>Josh Mosler</i>			Total:	\$ 3,852.00

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X _____ ricky hilgers _____ CUSTOMER AUTHORIZATION SIGNATURE

Val Energy
WELL_NAME



Job Started On: 07/21/2020 @ 4:16:01 PM

FRANKS Oilfield Service, LLC

815 Main Street
Victoria, KS 67671

Office (785) 639-3949
24 Hour Service Line (785) 639-7269

Email: franksoilfield@yahoo.com

Invoice

Date	Invoice #
7/28/2020	0189

Please Pay from this Invoice.
Remit Payment to:
815 Main Street
Victoria, KS 67671
Billing Questions-Call Tianna at
(785) 639-3949

Bill To
Val Energy Inc. 125 N. Market, Ste. 1110 Wichita, KS 67202

County/State	Lease/Well#	Terms	Job Type
Sherman/Kansas	King #1-20	Net 30	PTA

Description	Quantity	Rate	Amount
Pump Charge	1	1,150.00	1,150.00
Mileage	60	6.50	390.00
10.68 tons at 60 miles	640.8	1.50	961.20
60/40 4% gel 1/4# floseal	240	16.25	3,900.00T
8-5/8 Wooden Plug	1	165.00	165.00T
45% Discount		-2,954.79	-2,954.79

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.

Subtotal \$3,611.41

We appreciate your business and look forward to serving you again!

Sales Tax (9.0%) \$201.22

Balance Due \$3,812.63

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0189
 LOCATION Hoxro KS
 FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
<u>7/28/20</u>		<u>King 1-20</u>	<u>20</u>	<u>R 5</u>	<u>37 W</u>	<u>Sherman</u>
CUSTOMER <u>Val Energy</u>						
MAILING ADDRESS						
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
			<u>101</u>	<u>Prester D</u>		
			<u>102</u>	<u>Miles S</u>		

JOB TYPE PTA HOLE SIZE 7 7/8" HOLE DEPTH 5040' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4.5" TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting & Risupan W/O drilling Ris #10 Plus as ordered
1st plug 50 SX @ 3050'
2nd plug 110 SX @ 2200'
3rd plug 50 SX @ 400'
4th plug 10 SX @ 90' w/ plug 240 SX @ 60/40 48" 7/4" fl
RH 30 SA

Thanks Miles Shaw

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>P002</u>	<u>1</u>	<u>PUMP CHARGE</u>	<u>1150.00</u>	<u>1150.00</u>
<u>M001</u>	<u>600</u>	<u>MILEAGE</u>	<u>6.50</u>	<u>390.00</u>
<u>M002</u>	<u>10.48 TONS</u>	<u>Tan M. long red oil wry</u>	<u>1.50</u>	<u>157.20</u>
<u>CB0090</u>	<u>240 SX</u>	<u>60/40 48 7/4" fl</u>	<u>16.25</u>	<u>3900.00</u>
<u>FE 054</u>	<u>1</u>	<u>8 5/8" Wooden Plug</u>	<u>165.00</u>	<u>165.00</u>
			<u>Subtotal</u>	<u>6566.20</u>
			<u>LESS DISC</u>	<u>2954.79</u>
			<u>Subtotal</u>	<u>3611.41</u>
			SALES TAX	<u>201.22</u>
			ESTIMATED TOTAL	<u>3812.63</u>

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.

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

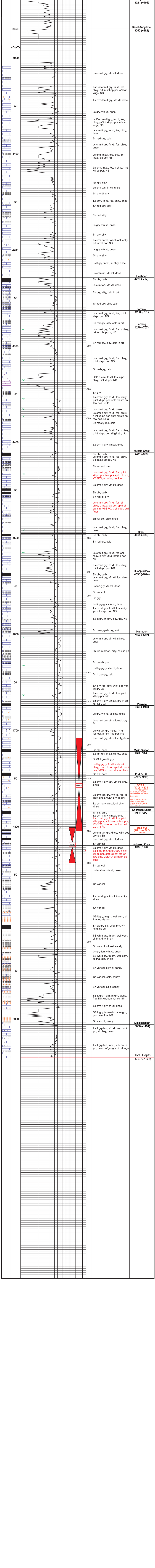
COMPANY **VAL ENERGY, INC** ELEVATIONS
 LEASE **King #1-20** KG 3512'
 FIELD **Wildcat** 1225' FWT DF _____
 LOCATION **2093 FSL 1225' FWT** SEC _____
 SFC **20 TWPSP 8S R9E 37W** GL 3507'
 COUNTY **Sherman STATE Kansas** Measurements Are All
 CONTRACTOR **Ww Drilling, Rig #10** From **KB**
 SPUD **7-18-20** COMP _____
 RTD **5040'** LTD _____ CASINGS
 MUD UP **3600'** TYPE MUD **Chemical** CONDUCTOR _____
 SURFACE **8.5" @ 339'**
 PRODUCTION **None**
 DRILLING TIME KEPT FROM **4000'** to RTD
 SAMPLES SAVED FROM **4000'** to RTD
 DRILLING TIME KEPT FROM **4000'** to RTD
 SAMPLES EXAMINED FROM **4000'** to RTD
 GEOLOGICAL SUPERVISION FROM **4000'** to RTD
 GEOLOGIST ON WELL **Tim Priest**
 ELECTRICAL SURVEYS
 None

FORMATION TOPS ELECTRIC LOG SAMPLE

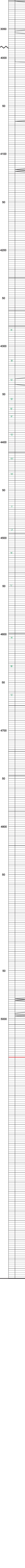
Anhydrite	3021 (+491)
Heebner Shale	4229 (-717)
Austin	4263 (-751)
Stark	4495 (-983)
Marmaton	4599 (-1087)
Fort Scott	4794 (-1252)
Cherokee Shale	4794 (-1252)
Mississippian	5006 (-1494)



REMARKS Due to the lack of shows and negative results of DSTs, it was decided to plug and abandon the well.
 Respectfully Submitted,
 Tim Priest
 Petroleum Geologist
 API #15-181-20638



DEPTH
 LITHOLOGY



DEPTH	SAMPLE DESCRIPTION	REMARKS
3021	Anhydrite	Anhydrite 3021 (+491)
3050	Base/ Anhydrite	Base/ Anhydrite 3050 (+462)
3500	LS crm-tan-it gry, vfn xtl, dnse	
3500	LS/Dol crm-it gry, fn xtl, fos, chky, p-f int xtl-pp por w/scat vugs, NS	
3500	LS crm-tan-it gry, vfn xtl, dnse	
3500	LS gry, vfn xtl, dnse	
3500	LS/Dol crm-it gry, fn xtl, fos, chky, p-f int xtl-pp por w/scat vugs, NS	
3500	LS crm-it gry, fn xtl, fos, chky, dnse	
3500	Sh red-gry, calc	
3500	LS crm-it gry, fn xtl, fos, chky, dnse	
3500	LS crm, fn xtl, fos, chky, p-f int xtl-pp por, NS	
3500	LS crm, fn xtl, fos, v chky, f int xtl-pp por, NS	
3500	Sh gry, silty	
3500	LS crm-tan, fn xtl, dnse	
3500	Sh gry-dk gry	
3500	LS crm, fn xtl, fos, chky, dnse	
3500	Sh red-gry, silty	
3500	Sh red, silty	
3500	LS gry, vfn xtl, dnse	
3500	Sh gry, silty	
3500	LS crm, fn xtl, fos-sli ool, chky, p-f int xtl-pp por, NS	
3500	LS gry, vfn xtl, dnse	
3500	Sh gry, silty	
3500	LS lt gry, fn xtl, sli chty, dnse	
3500	LS crm-tan, vfn xtl, dnse	
3500	Sh blk, carb	Heebner 4229 (-717)
3500	LS crm-tan, vfn xtl, dnse	
3500	Sh gry, silty, calc in prt	
3500	Sh red-gry, silty, calc	
3500	LS crm-it gry, fn xtl, fos, p int xtl-pp por, NS	Toronto 4263 (-751)
3500	Sh red-gry, silty, calc in prt	
3500	LS crm-it gry, fn xtl, fos, v chky, p-f int xtl-pp por, NS	Lansing 4279 (-767)
3500	Sh red-gry, silty, calc in prt	
3500	LS crm-it gry, fn xtl, fos, chky, p int xtl-pp por, NS	
3500	Sh red-gry, calc	
3500	Dol/LS crm, fn xtl, fos in prt, chky, f int xtl-pp por, NS	
3500	Sh gry	
3500	LS crm-it gry, fn xtl, fos, chky, p int xtl-pp por, sptd dk stn on few pcs, NFO	
3500	LS crm-it gry, fn xtl, dnse	
3500	LS crm-it gry, fn xtl, fos, chky, p int xtl-pp por, sptd dk stn on few pcs, NFO	
3500	Sh mostly red, calc	
3500	LS crm-it gry, fn xtl, fos, v chky, p int xtl-pp por, sli gl stn, nfo	
3500	LS crm-it gry, vfn xtl, dnse	
3500	Sh blk, carb	Muncie Creek 4411 (-899)
3500	LS crm-it gry, fn xtl, fos, chky, p-f int xtl-pp por, NS	
3500	Sh var col, calc	
3500	LS crm-it gry, fn xtl, fos, sli chky, p int xtl-pp por, sptd-sli sat stn, VSSFO, v sli odor, dull fluor	
3500	LS crm-it gry, vfn xtl, dnse	
3500	Sh blk, carb	
3500	Sh red-dk gry	
3500	Sh var col, calc, dnse	
3500	LS crm-it gry, fn xtl, fos, chky, dnse	Stark 4495 (-983)
3500	Sh blk, carb	
3500	Sh red-gry, calc	
3500	LS crm-it gry, fn xtl, fos, ool, chky, p-f int xtl & int frag por, NS	
3500	LS crm-it gry, fn xtl, fos, chky, p int xtl-pp por, NS	
3500	Sh blk, carb	Hushpuckney 4536 (-1024)
3500	LS crm-it gry, vfn xtl, fos, chky, dnse	
3500	LS tan-gry, vfn xtl, dnse	
3500	Sh var col	
3500	Sh gry	
3500	LS lt gry-gry, vfn xtl, dnse	
3500	LS crm-it gry, fn xtl, fos, chky, p-f int xtl-pp por, NS	
3500	SS lt gry, fn gm, silty, fria, NS	
3500	Sh grn-gry-dk gry, soft	
3500	LS crm-it gry, vfn xtl, sli fos, dnse	Marmaton 4599 (-1087)
3500	Sh red-maroon, silty, calc in prt	
3500	Sh gry-dk gry	
3500	LS lt gry-gry, vfn xtl, dnse	
3500	Sh lt gry-gry, calc	
3500	Sh gry-red, silty, w/int bed v fn xtl gry LS	
3500	LS crm-it gry, fn xtl, fos, p int xtl-pp por, NS	
3500	LS crm-it gry, vfn xtl, arg in prt	
3500	Sh blk carb	Pawnee 4674 (-1182)
3500	LS gry, vfn xtl, sli chty, dnse	
3500	LS crm-it gry, vfn xtl, w/dk gry Sh	
3500	LS wh-tan-gry mold, fn xtl, fos-ool, p-f int frag por, NS	
3500	LS crm-it gry, vfn xtl, chty, dnse	
3500	Sh blk, carb	Myric Station 4722 (-1208)
3500	LS tan-gry, fn xtl, sli fos, dnse	
3500	Sh/Cht grn-dk gry	
3500	LS lt gry-gry, fn xtl, chty, sli chky, p int xtl por, sptd stn on 2 pcs, VSSFO, no odor, no fluor	
3500	Sh blk, carb	Fort Scott 4747 (-1235)
3500	LS crm-it gry-tan, vfn xtl, chty, dnse	
3500	LS crm-tan-gry, vfn xtl, fos, sli chty, dnse, w/Sh gry-dk gry	
3500	LS crm-gry, vfn xtl, sli chty, dnse	
3500	Sh blk, carb	Cherokee Shale 4784 (-1272)
3500	LS crm-it gry, vfn xtl, dnse	
3500	LS crm-it gry, fn xtl, fos, p int xtl-pp por, sptd stn on few pcs, VSSFO, no odor, no fluor, w/ var col Sh	
3500	LS crm-tan-gry, dnse, w/int bed gry-bk Sh	
3500	LS crm-it gry, vfn xtl, dnse	
3500	Sh var col	
3500	LS crm-it gry, vfn xtl, dnse	
3500	LS lt gry-tan, fn xtl, dnse	
3500	LS lt gry-tan, fn xtl, fos, p-f int xtl-pp por, sptd-sli sat stn on few pcs, VSSFO, sli odor, dull fluor	
3500	Sh var col	
3500	LS tan-brn, vfn xtl, dnse	
3500	Sh var col	
3500	LS crm-it gry, fn xtl, fos, chky, dnse	
3500	Sh var col	
3500	SS lt gry, fn gm, well cem, sli fria, no vis por	
3500	Sh dk gry-bk, w/dk brn, vfn xtl dnse LS	
3500	SS wh-lt gry, fn gm, well cem, sli fria, dirty in prt	
3500	Sh var col, silty-sli sandy	
3500	LS gry-tan, vfn xtl, dnse	
3500	SS wh-lt gry, fn gm, well cem, sli fria, dirty in prt	
3500	Sh var col, silty-sli sandy	
3500	Sh var col, calc, sandy	
3500	Sh var col, calc, sandy	
3500	SS lt gry-lt gm, fn gm, glauc, fria, NS, w/abun var col Sh	
3500	LS crm-it gry, fn xtl, dnse	
3500	SS lt gry, fn-med-coarse gm, por cem, fria, NS	
3500	Sh var col, sandy	
3500	LS lt gry-tan, vfn xtl, sub ool in prt, sli chky, dnse	Mississippian 5006 (-1494)
3500	LS lt gry-tan, fn xtl, sub ool in prt, dnse, w/grn-gry Sh strings	
3500	Total Depth	5040' (-1528)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Val Energy, Inc.

125 N Market St
Ste 1110
Wichita, KS 67202
ATTN: Tim Priest

20-8S-37W Sherman, KS

King #1-20

Job Ticket: 59530

DST#: 1

Test Start: 2020.07.26 @ 11:26:55

GENERAL INFORMATION:

Formation: **Myrick/Ft.Scott/Cher**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:19:16

Time Test Ended: 17:24:31

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 4708.00 ft (KB) To 4805.00 ft (KB) (TVD)

Total Depth: 4805.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3512.00 ft (KB)

3507.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8700 Outside

Press@RunDepth: 22.41 psig @ 4709.00 ft (KB)

Start Date: 2020.07.26

End Date:

2020.07.26

Start Time: 11:26:56

End Time:

17:24:31

Capacity: 8000.00 psig

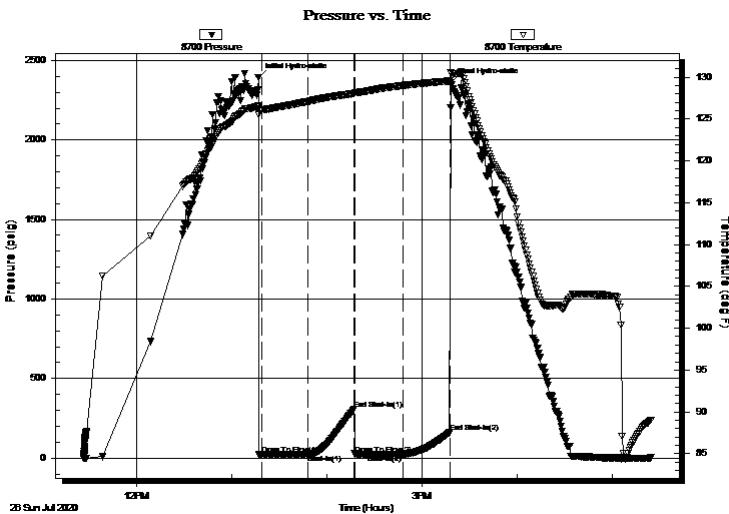
Last Calib.: 2020.07.26

Time On Btm: 2020.07.26 @ 13:17:01

Time Off Btm: 2020.07.26 @ 15:18:31

TEST COMMENT: 30- IF- 0.25" blow
30- IS- No blow
30- FF- No blow
30- FSI- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2392.91	126.54	Initial Hydro-static
3	20.78	126.05	Open To Flow (1)
32	22.52	127.12	Shut-In(1)
61	306.18	128.05	End Shut-In(1)
61	25.94	128.04	Open To Flow (2)
91	22.41	129.00	Shut-In(2)
121	161.55	129.56	End Shut-In(2)
122	2360.59	130.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Val Energy, Inc.

20-8S-37W Sherman, KS

125 N Market St
Ste 1110
Wichita, KS 67202
ATTN: Tim Priest

King #1-20

Job Ticket: 59530

DST#: 1

Test Start: 2020.07.26 @ 11:26:55

GENERAL INFORMATION:

Formation: **Myrick/Ft.Scott/Cher**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:19:16

Time Test Ended: 17:24:31

Interval: 4708.00 ft (KB) To 4805.00 ft (KB) (TVD)

Total Depth: 4805.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Reference Elevations: 3512.00 ft (KB)

3507.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6771

Inside

Press@RunDepth: psig @ 4709.00 ft (KB)

Start Date: 2020.07.26

End Date: 2020.07.26

Start Time: 11:27:09

End Time: 17:24:44

Capacity: 8000.00 psig

Last Calib.: 2020.07.26

Time On Btm:

Time Off Btm:

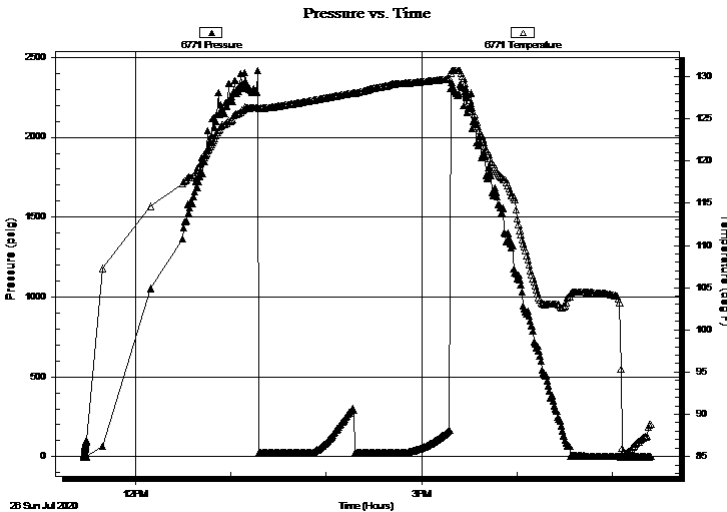
TEST COMMENT: 30- IF- 0.25" blow

30- IS- No blow

30- FF- No blow

30- FSI- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy, Inc.

20-8S-37W Sherman, KS

125 N Market St
Ste 1110
Wichita, KS 67202
ATTN: Tim Priest

King #1-20

Job Ticket: 59530

DST#: 1

Test Start: 2020.07.26 @ 11:26:55

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 9.59 in³

Resistivity: ohm.m

Salinity: 5700.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

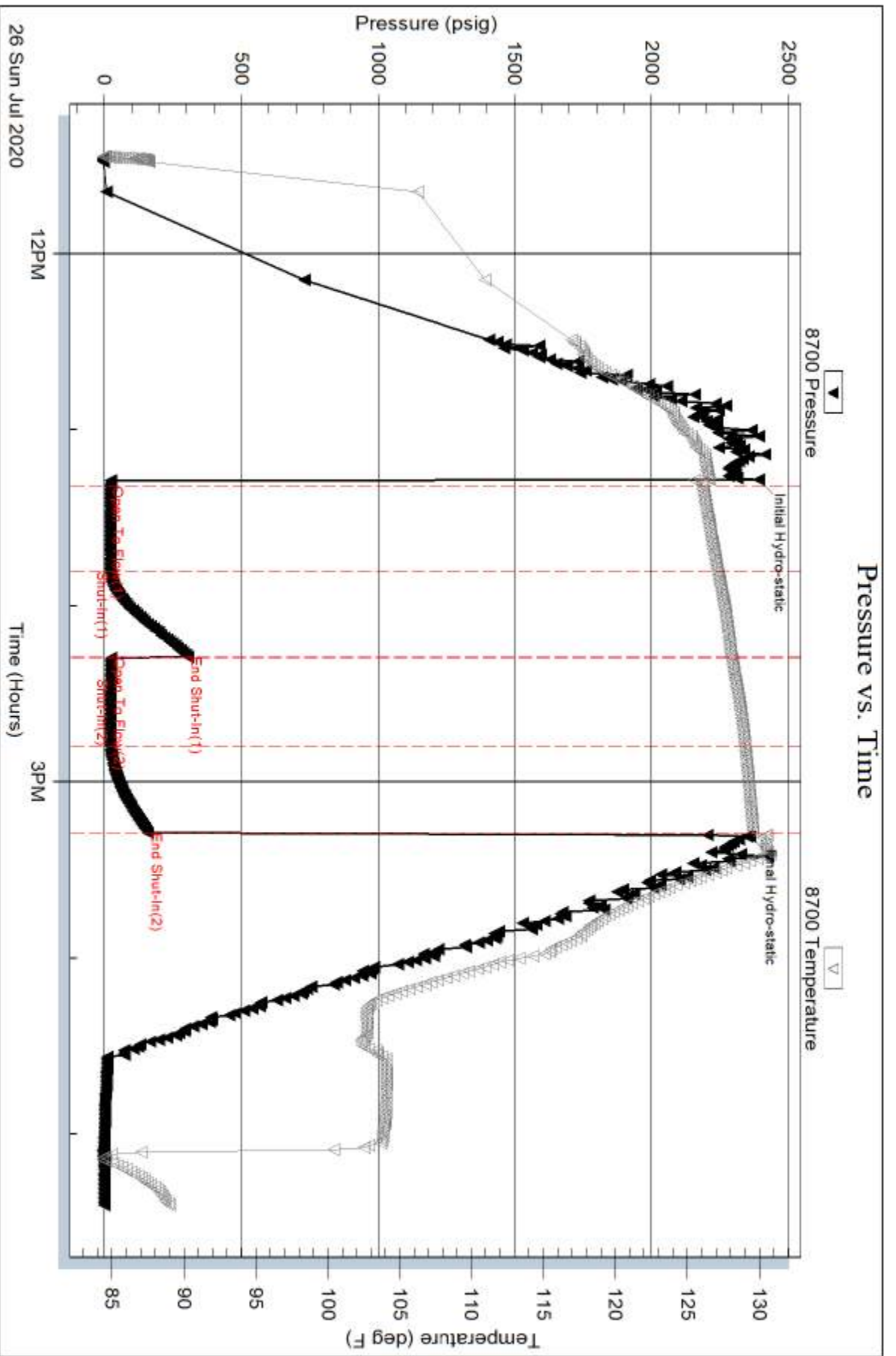
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6771

Inside

Val Energy, Inc.

King #1-20

DST Test Number: 1

