

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 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
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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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Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045



Date	Invoice #
6/15/2021	5665

Bill To	
Val Energy Inc. 125 N. Market St., Suite 1110 Wichita, KS 67202	
Customer ID#	1217

Job Date	6/13/2021
Lease Information	
Bow Hunter #1-1 OWWO	
County	Cowley
Foreman	DG

Item	Description	Qty	Rate	Amount
			Terms	Net 15
02	Cement Pump-Longstring	1	1,100.00	1,100.00
07	Pump Truck Mileage (one way)	60	4.20	252.00
01	Thick Set Cement	135	22.55	3,044.25T
07	KolSeal	675	0.52	351.00T
08	Pheno Seal	270	1.45	391.50T
08B	Ton Mileage-per mile (one way)	445.2	1.40	623.28
61	5 1/2" AFU Float Shoe	1	340.00	340.00T
21	5 1/2" Latch Down Plug	1	266.00	266.00T
04	5 1/2" Cement Basket	1	260.00	260.00T
04	5 1/2" Centralizer	5	55.00	275.00T
22	KCL	2.5	30.00	75.00T
01	Discount on Services		-98.76	-98.76
02	Discount on Materials		-250.14	-250.14T

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$6,629.13
Sales Tax (6.5%)	\$308.92
Total	\$6,938.05
Payments/Credits	\$0.00
Balance Due	\$6,938.05

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report

Ticket No. **5665**

Foreman David Gardner

Camp Eureka

1st 15-035-24667

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
13-21	1217	Bow Hunter #1-1 owwo	1	34S.	6E.	Cowley	KS
Customer		Safety Meeting	Unit #	Driver	Unit #	Driver	
Val Energy INC.		DG	104	Alan M.			
Billing Address		pm	110	Steve			
25 N. Market St. Ste. 1110		5m					
Wichita		State					
		Zip Code					
		KS					
		67202					

Type Longstring Hole Depth 3050' ^{4' Above} K.B. Slurry Vol. 33 Bbl Tubing _____
 Casing Depth 3047' K.B. Hole Size 7 7/8" Slurry Wt. 13.8" Drill Pipe _____
 Casing Size & Wt. 5 1/2" 14" Cement Left in Casing 0 Water Gal/SK 9.0 Other _____
 Cement Placement 75 3/4 Bbl Displacement PSI 600 Bump Plug to 1100 PSI BPM _____

Remarks: Safety Meeting. 5 1/2" 14" Used casing set @ 3047' K.B. Rig up to 5 1/2" casing. Break circulation w/ 10 Bbl fresh water. Mixed 100 sks Thick Set Cement w/ 5" Kolseal/sk, Phenoseal/sk @ 13.8"/gal, yield 1.85 = 33 Bbl slurry. Wash out pump & lines. Shut down. Release 5 1/2" Latch Down Plug. Displace plug to seat w/ 75 3/4 Bbl fresh water. (KCL in 1st 40 Bbl Displacement water). Final pumping pressure of 600 PSI. Bump plug to 1100 PSI. Wait 2 mins. Release pressure. Float & Plug held. Good circulation @ all times while cementing. Job complete. Rig down.

Note: Casing set @ 4' Above K.B.
g R.H. w/20 sks + M.H. w/15 sks
centralizers on #3,5,7,9,11 Basket on top of #1

Code	Qty or Units	Description of Product or Services	Unit Price	Total
02	1	Pump Charge	1100.00	1100.00
07	60	Mileage	4.20	252.00
01	135 sks	Thick Set Cement	22.55	3044.25
07	675 "	Kolseal 5"/sk	.52	351.00
08	270 #	Phenoseal 2"/sk	1.45	391.50
88B	7.42 Tons	Ton Mileage - Bulk Truck	1.40	623.28
61	1	5 1/2" AFU Float Shoe	340.00	340.00
21	1	5 1/2" Latch Down Plug	266.00	266.00
04	1	5 1/2" Cement Basket	260.00	260.00
04	5	5 1/2" x 7 7/8" Centralizers	55.00	275.00
22	2 1/2 gals	KCL (In 1 st 40 Bbl Displacement water)	30.00	75.00
Thank You			Sub Total	6,978.03
			Less 5%	365.16
			6.5% Sales Tax	325.18

Authorization Witnessed by Rick Smith Title Co/Rep. Total **6,938.05**

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

LOCATION AND LEGALS DATA

WellSight Systems

Scale 1:240 (5"=100') Imperial

Measured Depth Log

Well Name: Bow Hunter 1-1 OWWO

API: 15-035-24667-0001

Location: SE NW SW NE S1-T34S-R6E

License Number: 5822

Spud Date: 6/11/21

Surface Coordinates: 1865' FNL, 2090' FEL

Region: Cowley County, KS

Drilling Completed: 6/13/21

Bottom Hole

Coordinates:

Ground Elevation (ft): 1228'

K.B. Elevation (ft): 1237'

Logged Interval (ft): 2000' To: 3045'

Total Depth (ft): 3050'

Formation: Mississippi

Type of Drilling Fluid: Chemical

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Val Energy, Inc

Address: 125 N Market St STE 1110

Wichita, KS 67202

GEOLOGIST

Name: Brandon Wolfe

Company:

Address: 1016 N Biddle St

Moline, KS 67353


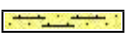

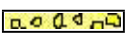

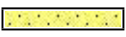








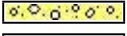



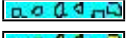

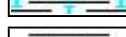
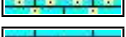



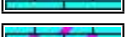
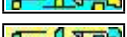


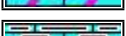
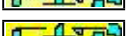

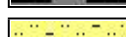

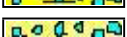





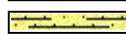

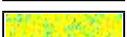



CONTRACTOR

C&G Drilling Inc. 701 E River St. Eureka, KS 67045-2100

COMMENTS

5 1/2" Casing was ran to bottom and cemented in place to futher evaluate the Mississippi Formation

ROCK TYPES

	Anhydrite		Shaly_ss_ii		Cherty_dolo		Qtz_wash
	Arkose		Sandstone		Dolomite		Qtz_wash_ii
	Ark_shale		Shaly_limy_ss		Limy_dolo		Argil_qtz_wash
	Granite		Washy_limy_ss		Cement		Ark_qtz_wash
	Coal		Limy_ss		Carb_wash		Sdy_gw
	Limy_sh		Sdy_ls		Sdy_carb_wash		Shaly_gw
	Shale		Limestone		Shaly_sdy_carb		Gw_a
	Hot_shale		Dolo_ls		Shaly_limy_qtz_v		Gw_b
	Hot_shale_ii		Shaly_ls		Shaly_limy_qtz_w		Gw_c
	Siltstone		Carb_shaly_ls		Limy_qtz_wash		Gw_d
	Siltstone_ii		Cherty_ls		Limy_qtz_wash_ii		
	Shaly_ss		Chert		Limy_qtz_wash_iii		

ACCESSORIES

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr

- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

- Sandy ls str
- Shale
- Siltstone
- Sandstone

STRINGER

- Arkosic inclusion
- Chert inclusion
- Anhydrite
- Arkosic qtz str
- Arkosic qtz str ii
- Arkosic str
- Arkosic str ii
- Carb wash str
- Sandy carb wash str
- Coal/carb sh
- Dolomite
- Granite str
- Limestone
- Limy ss str
- Qtz wash str
- Limy qtz wash str

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OIL SHOW

- Gas show
- Even
- Spotted
- Ques
- Dead

Penetration Rate ROP (min/ft)	MD	Lithology	Geological Descriptions	Oil Shows	Remarks
0	ROP (min/ft)				
10					
<p>Note: Depth Scale is from 0-10 min/ft</p>					
	2800		<p>305' of 8 5/8" Surface Pipe was set in Bow Hunter #1-1</p>		<p>Mississippi Log Top 2798' (-1561)</p>
	2850				
					<p>Bow Hunter #1-1 RTD</p>

@2880': lag bottom @ 7:00AM, Circ, Jet Pit, Drill ahead @ 8:30AM.

2880' (-1643)

Ls: gry, fn xln, dns, trc frsh chrty, pr to no vis por, NS.

Ls: gry to trc bm, fn xln, dns, pr vis por, NS.

Wt 8.3 Vis 38 LCM 3

Ls: gry to bm, fn xln, dns, occ laminited, pr vis por, NS.

Ls: gry to lt gry, AA.

Noon Depth on 6/12/21: 2925'

Vry Sli SFO

Ls: mstly gry to trc lt gry, fn xln, dns, occ sli chrty w frsh pcs of cht, trc wthrd w fr interxln por, no strn, few pcs brght flor on xln edge, slow ft milky cut w ft res ring, vry sli SFO, no odor.

Vry Sli Show of Free Oil

Ls: AA w few pcs brght flor on xln edge, vry sli SFO, no odor.

Vry Sli Show of Free Oil

Ls: gry, fn xln, dns, pr vis por, no flor, no odor, NS.

Ls: gry to bm, fn xln, dns, pr vis por, NS.

Ls: AA w pyr & trc foss.

Ls: mstly gry, vry fn xln, dns, pr vis por, NS.

Ls: gry to occ drk gry, vry fn xln, dns, trc laminated, trc vis xln ncsln, pyr, pr to no vis por, NS.

Ls: gry, vry fn xln, dns, occ laminated, trc xln ncsln, pr vis por, few pcs brght flor on xln edge, gd milky cut w/ mod res ring, no SFO, one pc of LS had an odor when broken.

Few Pieces Flor

Ls: gry to bm, vry fn xln, dns, trc laminated, occ sli dolo, pr vis por, NS.

Ls: AA.

Ls: drk gry, micro xln, dns, hrd, dolo, no vis por, NS.

Ls: AA.

Cowley Facies

RTD 3050'

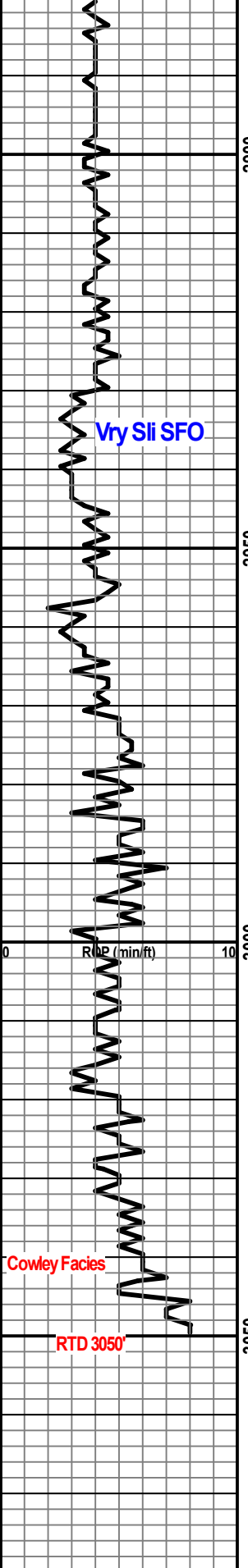
RTD: 3050' @ 4:15AM on 6/13/21

RTD: 3045' @ 8:00AM on 6/13/21

Circulated for 1.5 hrs before TOOH for logs. They did a short trip @2982' due to a piston broke in the mud pump.

RTD

3050' (-1813)



Log descriptions and annotations for the depth interval 2880' to 3050'.

Summary notes, RTD times, and observations on the right side of the log.