

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1160476

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

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
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:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name: Original Total Depth: Original Total Depth:	feet depth to: w/ sx cmt. Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #: Dual Completion Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used:
☐ SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec. TwpS. R East West County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

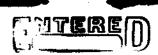
KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Page Two



Operator Name:				_ Lease l	Name: _			Well #:		
Sec Twp	S. R	East V	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whether s with final chart(shut-in pre s). Attach	ssure reac extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, flui	d recovery,
Final Radioactivity Lo- files must be submitte						gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital el	ectronic log
Drill Stem Tests Taker (Attach Additional S		Yes	No				on (Top), Depth ar			mple
Samples Sent to Geo	logical Survey	Yes	☐ No		Nam	e		Тор	Da	tum
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
			CASING		☐ Ne					
	0: 11-1-	· ·				ermediate, product		# O	T	d Damasat
Purpose of String	Size Hole Drilled	Size Cas Set (In O		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
		AD	DITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Ce	ement	# Sacks	Used		Type and F	ercent Additives		
Perforate Protect Casing										
Plug Back TD Plug Off Zone										
Did you perform a hydrau	•					Yes	No (If No, ski	p questions 2 ar	nd 3)	
Does the volume of the to							= :	p question 3)	of the ACO	()
Was the hydraulic fractur	ing treatment information	on submitted to the	e chemicai d	isciosure re	gistry?	Yes	No (If No, fill	out Page Three	or the ACO-1	<i>)</i>
Shots Per Foot		ION RECORD - I Footage of Each I					cture, Shot, Cement mount and Kind of Ma		d	Depth
TUBING RECORD:	Size:	Set At:		Packer A	i:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR. Prod	ducing Meth	ıod:		1				
			Flowing	Pumpin	g	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls. (Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	METHOD OF	COMPLE	ETION:		PRODUCTION	ON INTERVA	
Vented Sold		Open		Perf.	Dually	Comp. Cor	mmingled			
	bmit ACO-18.)		(Specify)		(Submit)	ACO-5) (Sub	mit ACO-4)			





TICKET NUMBER LOCATION EURCE FOREMAN Rick Led Road

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

20-431-9210	or 800-467-8676	5	-	CEMENT	· AP	1415-115-2	1460	
DATE	DATE CUSTOMER# WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY		
7-13-13	1070	OVAK	BEBI		28	173	46	Marien
SHOTOMED					10 (B) (B) (B)			
\mathcal{A}	rbuckle End	sy Inc		Cha C	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDR	RESS	~		5"	445	Dave		<u> </u>
301	rbucule End RESS W. Daglas	sk 305		_] L	(41)	Colley		
CITY		STATE	ZIP CODE	7 [
ω	chite	Ľ5	67262					
	isfac o	HOLE SIZE_	1244-	HOLE DEPTH_	226'	CASING SIZE & V	WEIGHT <u>85/9</u>	, "
ASING DEPT	H 225'	DRILL PIPE		TUBING			OTHER	
CASING DEPTH 225' DRILL PIPE TUBING SLURRY WEIGHT 14.8* SLURRY VOL 30 65' WATER		WATER gal/sk	WATER gal/sk 6.5 CEMENT LEFT in CASING 2			, •		
	NT /3 Ab/s		NT PSI					
REMARKS: 5	afety meeting	78- R13	A 85/2	" cosios. B	con Circula	the 4/5 B	ds fresh L	Jet1.
Mised	125 545 C	lass A	emont 1/3	Po cacia.	270 gel +	14 Clorete /so	@ 14.84	1901
Ousker	1-//3 (6)	fresh Ne	ter. Shut	casino in	W1 9000 C	emont seturns	to suface	= 8 Bbi
# 1	pit Job a	a state Q	a dam	- 3	7 3			
Silvey in	110	712.11	7					
 								
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ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	870.00	870.00
5406		MILEAGE 20 of 2	0/1	1/4
11045	125 541	class A cement	15.76	1962.50
1002	350*	3% Cace2	.78	273.00
11188	235**	2% 41	.22	51.20
1107	3/#	Yy flocate to	2.47	76.57
SYMA	5.36	ton mileage buik tre	1.41	9/3./3
			Subtatal	3646.9
in 3737		XeO668 7.65%	SALES TAX ESTIMATED	2 000
avin 3737	m Jule	TITLE TOOL PUSHE	TOTAL	3827

110 Jun AUTHORIZATION_ 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





TICKET NUM	BER_	4327	<u>5´ \</u>
LOCATION_			
FOREMAN 3	STour	DASAA.	

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

FIELD TICKET & TREATMENT REPORT

THE COSTOMER WELL HAVE A HOMELY 7-7-73 1070 NOVER BER-1 CUSTOMER ACCUSTOMER ACCUSTOMER	620-431-9210	Of 800-407-807	D .		CEMER	E			
CUSTOMER Arbuckle Energy Inc. MAILING ADDRESS JOD J. Dauglas Ste. 305 CITY STATE ZIP CODE KS 67202 JOB TYPE Language of HOLE SIZE JOB TYPE Language of HOLE SIZE CASING DEPTH 2766 DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER Gallsk CEMENT LEFT in CASING DISPLACEMENT 64 DISPLACEMENT PSI MIX PSI REMARKS: Safty Meeting: Ris up to 54 casing Brook Circulation by 15 bbbs Freshwater. Mix 1255Ks Thickset Cament by Sung Plus Displace of Sung Plus Daving Cool Circulation During Tol. Release pressure Cent. on 4-711	DATE	CUSTOMER#	WELL	NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
TRUCK# DRIVER TRUCK# DRIVER APPLICATION TRUCK# DRIVER TRUCK# TRUCK# TRUCK# TRU	7-17-13	/070	Novak	BEB-	1	28	173	14E	Mation
TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# D	SUMMALICE.							11.7 (74) (<u>. 1. 1</u>	
CITY STATE ZIP CODE W: chi7a Ks 6720z JOB TYPE Lancesting a Hole Size 7 1/8 Hole DEPTH 2766 CASING SIZE & WEIGHT 5 1/2 17.5 CASING DEPTH 2766 DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gallsk CEMENT LEFT in CASING DISPLACEMENT 6 1/1 DISPLACEMENT PSI MIX PSI RATE REMARKS: 50 5 7 Meeting: Ris up to 5 4 Casing Brook Circulation w/ 15 225 Freshwater. Mix 1255 Ks Thick Set Cament w/ 5 260 Seal R. Washawi pumps lines Shutdown Release Lotchdown plus. Displace Ct/ 64 bbls Freshwater Final pumpting Fressure 600 2 Sump plus 100025. Good Circulation During Tab. Release pressure Plus hold. Tab (simple Te Rig down	Achuel	Kle Enerc	Y Inc			TRUCK#	DRIVER	TRUCK#	DRIVER
CITY Wichita JOB TYPE Languing o HOLE SIZE 7 HOLE DEPTH 2765 CASING SIZE & WEIGHT 5 17.5 CASING DEPTH 2766 DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING DISPLACEMENT 64 DISPLACEMENT PSI MIX PSI RATE REMARKS: 5asty Meeting: Ris up to 5 4 Casing. Break Circulation w/ 1860s Freshwater. Mix 1255ks Thick Cet Cament w/ 5 Hol-Seat & pheno seal p. Wash awi pampy lines Shutdown Release Latchdown play. Displace w/ 64 bbls Freshwater Final pumping Pressure 600 + Bump plue 1000 + Good Circulation During Tol. Release pressure Pluy hold. Tab (simplete Rig down)	MAILING ADDR	RESS 2				320	John		
Wichita KS 67202 JOB TYPE Lancesing O HOLE SIZE 7 HOLE DEPTH 2765 CASING SIZE & WEIGHT 5/2 17.5 CASING DEPTH 2766 DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING DISPLACEMENT 64 DISPLACEMENT PSI MIX PSI RATE REMARKS: 505Ty Merting: Ris up to 5/2 Casing Break Circulation by 1666/s Freshwater. Mix 1255Ks Thick Set Casing Break Circulation by 1666/s Wash out pumps lines Shuldown Release Latchdown plum Displace or/ 64 bbls Freshwater Final pumping Pressure 600 Break Good Circulation During Jab Release pressure Pluy held. Tab (Simplete Rightsum)	7001	w. Douglas	550.39	5		479	Colby		
JOB TYPE LONGSTONG O HOLE SIZE 7 by HOLE DEPTH 2765 CASING SIZE & WEIGHT 5/2 /7.5 CASING DEPTH 2766 DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT IN CASING DISPLACEMENT 64 DISPLACEMENT PSI MIX PSI RATE REMARKS: 50 Ty Merting: Rig up to 5/2 Casing Brook Circulation w/ 1822s Freshwater Mix 1255Ks Thick Set Coment by 5 Hol-Seate 1 phenoseal psi Washowiter Mix 1255Ks Thick Set Coment by 5 Hol-Seate 1 phenoseal psi Washowiter Final Pumping Pressure 600 H Jump plug 1000 H Good Circulation During Tole Release pressure Plug hold. Tab Camplete Rig down Cent. on 4-7-11	CITY		STATE	ZIP CODE	7	<i>ቜ</i> ጽ	Rudy W	day Tencki	<u> </u>
JOB TYPE LONGSTRING O HOLE SIZE 7% HOLE DEPTH 2765 CASING SIZE & WEIGHT 5/2 /7.5 CASING DEPTH 2766 DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING DISPLACEMENT 64 DISPLACEMENT PSI MIX PSI RATE REMARKS: 505Ty Mexting: Ris up to 5/2 Casing. Brook Circulation w/56665 Freshwater. Mix 1255Ks Thickset Coment by 5/2 Kal-Seal & /5 pheno seal & Washowiter. Mix 1255Ks Thickset Coment by 5/2 Kal-Seal & /5 pheno seal & Washowiter pump lines Shutdown. Release Latchdown play. Dis place at /64 bbls Freshwater Final pumping Pressure 600 # Bump play 1000#. Good Circulation During Job. Release pressure Play hold. Tab (simplete Ric down)	141: ch 37	ā	Ks	6720z					1
CASING DEPTH 2766 DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gallsk CEMENT LEFT in CASING DISPLACEMENT 64 DISPLACEMENT PSI MIX PSI RATE REMARKS: Sasty Mexting: Rigup to 54 Casing Break Circulation by 1860s Freshwaist. Mix 1255Ks thick set Coment by 5 Hol-seals 1 pheno seal Re Washawi Dump Lines Shutdown Release Latchdown play. Displace at 1 64 bbls Freshwater Final pumping Pressure 600 Bump plug 1000 to Cood Circulation During Jab. Release pressure Plug held. Tab (simple Te Rigulation)	JOB TYPE Z	anceloine O	HOLE SIZE_	7%	_ _ HOLE DEPTH	2765'	CASING SIZE &	WEIGHT <u>5/%</u>	17.5
SLURRY WEIGHT SLURRY VOL WATER gallsk CEMENT LEFT in CASING DISPLACEMENT 64 DISPLACEMENT PSI MIX PSI RATE REMARKS: Sasty Mexting: Ris up to 54 Casing Brook Circulation w/ 1860s Freshwater. Mix 1255ks Thickset Cement by 54 Kol-Seate 14 phenoseal powers out pumpy lines Shutdown Release Latchdown pluy. Dis place cr/64 bbls Freshwater Final pumping Prossure 600# Bump plug 1000# Good Circulation During Jub. Release pressure Pluy hold. Jab (simplete Rig dosum									
DISPLACEMENT 64 DISPLACEMENT PSI MIX PSI RATE REMARKS: 5asty Mexting: Rigup to 54 Casing Brook Circulation by 1866s Freshwater. Mix 1255ks thickset Coment by 5th Ad-Seal of phenoseal Re Washowi pumps lines Shutdown Release Latchdown play. Displace at/ 64 bbls Freshwater Final pumping Prossure 600 the Jump plag 1000th Good Circulation During Tab. Release pressure Play hold. Tab (simplete Rigus desurn					WATER galls	k	CEMENT LEFT I	n CASING	
REMARKS: 505Ty Meeting: Rigup To 54 Casing Break Circulation by 1866s Freshwater. Mix 1255Ks Thickset Cement my 5th Hol-seal & 1th phenoseal powers out pumps lines Shutdown Release Latchdown pluy. Displace at 164 bbls Freshwater Final pumping Pressure 600th Bump plug 1000th Good Circulation During July Release pressure Pluy hold. Tab Camplete Riguran	DISPLACEMEN	NT 64.	DISPLACEMEN	T PSI	MIX PSI		RATE	100	
Ereshwater. Mix 1285ks Thickset Coment by 5 Rol-Seal & 1 phenoseal & washow pumps lines Shutdown. Release Latchdown pluy. Displace w/ 64 bbls Freshwaten Final pumping Pressure 600 # Bump plug 1000#. Good Circulation During Job. Release pressure Pluy hold. Tab Camplete Rigdown Cert. cm 4-7-11	REMARKS: 5	a FT & Mest	inci Ric	40 To 5	6 Casine	Break	Circulati	on W/8	2225
Washowi pumps lines ShuTdown Release Latchdown plus Displace at/ 64 bbls Freshwaten Final pumping Pressure 600 # Bump plug 1000#. Good Circulation During Jub. Release pressure Plug hold. Jab Camplete Rig down Cert. on 4-7-11	Freshwa	701. Mi)	1255Ks	THICK	SeT Cam	en 1 -1/5	Kol-Seal	1º phen	oseal PSI
64 bbls Freshwaten Final pumping Aressure 600# Bump plug 100000. Good Circulation During Job. Release pressure Plug hold. Job (simplete Rig dosum	hash au	Jamos	lines Sh	uTdown	Releas	e Latchd	our plus	Dis play	ce CJ/
Good Circulation During Jub. Release pressure Pluy hold. Job Complete Rig down Cert. on 4-7-11	64 bble	Freshwat	en Fin	a) Oum	otre Pr	essure 60	0 # 13uma	<i>010e 100</i>	<u>u*</u>
Cest on 4-7-11	Conclete	c. lating	During 3	ر فناه	Release 6	pressure	Pluchold.		
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/SOSKEL 3	Bosker &	<u> </u>			hon Ky	<u>~u</u>			

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		108500
5406	50	MILEAGE	4.30	2/0.00
1126A	12554>	Thickset Coment	20.16	2570.00
7/OA	626#	Kel-Seal 5th plsk	. 46	28750
1207Å	125*	Physical 1ª P./Sh	1.35	168.75
5407A	4.87	Ton mileage Bulk Truck	1.4/1	48434
55025	6 hr	8066 Ugcuum Truck	90.00	540.00
1123	30005 allem	Citywater	17.59/1000	51.90
4104	1	5'2 CEMENT BOOKET	24000	240.00
4130	.3	53 Centralizers	50.50	151.50
4159	1	5'S AFU Float Shoe	361.00	
4454		3' & Larch down pluy	266.75	266.75
				6366.74
		1 20068 >65%	SALES TAX ESTIMATED	309.63
avin 3737	n m Jul	Tal Rich	TOTAL DATE 7	6676.37

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

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/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

September 29, 2013

Terry Bayliss Arbuckle Energy Inc. 2914 ALOMA ST WICHITA, KS 67211

Re: ACO1 API 15-115-21460-00-00 Novak BEB 1 SW/4 Sec.28-17S-04E Marion 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, Terry Bayliss