KOLAR Document ID: 1527963

Confiden	tiality Re	quested:
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

		DECODIDEIO		
WELL	HISTORY	- DESCRIPTIO	N OF WELL	& LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD □ Gas □ DH □ EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	
SWD Permit #: EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date Recompletion Date	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:					

KOLAR Document ID: 1527963

Operator Nar	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

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 Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole		Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)		юр	Bollom	
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Allam Production, Inc.
Well Name	GRABER 1
Doc ID	1527963

Casing

	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	10	8.625	16	252	Common	200	2%
Production	8	5.5	14.50	3980	Common	200	2%

BU Acid	& Cem	ent L		TREAT	MENT REPORT			Acid Stage No.	
					Type Treatment:	Amt.	Type Fluid	Sand Size	Pounds of Sand
		District <u>GB</u>	F.O	No. <u>C60161</u>	Bkdown	вы./о	al.		
	ALLAM PRO			······································			al.		
	e & No. GRAB	SER SOUTH				861./G	əł		·····
Location County	RENO	<u></u>	Field State KS				si		
COUNTY						85 1./G			
Casing:	5 ma 5 1	/2 Turne B. Mar		Set at ft	Treated from		ft. to	ft. N	o.ft. 0
Formation		ype a wi.	Perf.		. from	· · ····			o.ft. <u>0</u>
Formation					Actual Volume of Oil			n. N	
					Actual Volume of Qu	/ Water to Loa			Bbi./Gai.
Formation Liner: Si	a: iae Typ i		Perf Top atfr.		-	a linead. Part	220 -	_	
-		s Perforated f			Audiory Equipment		<u>320 sp</u> _	327	win
		2 7/8			Personnet GREG C			<u> </u>	
	Perforated				Auditory Tools				
					Plugging or Sealing N	Aateriais: Ty	×		
Open Hole	Size	T.D	. P	B. to fL				Gals.	łb.
TIME		ESSURES Casing	Total Fluid Pumped		16/2020	REN	AARKS		
11:45				ON LOCATION 8	6/2020				
				PLUG: 3270' TES		3225' TO	1500# TOOL	SHELD	
				TEST BACKSIDE:					
			1	SPOT SAND @ 3					
				HUNT HOLES FR	OM 62' TO 30	067'.			
				HOLES 62' TO 93	3'				•••
5:00				DISMISSED FOR	THE DAY				
7:45				ON LOCATION 8					
				CIRCULATE HOL					
		4		CIRCULATE CEM	ENT TO SURF	ACE. TOO	DK 40 SKS CO	MMON 3%	CC
		+		SHUT IN 8 5/8. N					
				SHUT VALVE ON					
				HOOK BACK UP	TU CASING, D	DISPLACE	CEMENT WIT	H 1/2 BBL I	120
	· · · · -	+		CA 11 PT 161 14251 -					
			<u> </u>	SHUT IN WELL.					
0:30				IOB COMPLETE		-			
<u></u>		┿───┥		THANK YOU!!!					· · · · · · · · · · · · · · · · · · ·
	-								
	······································								

Acid & Cement	Ĩ
Acid & Cement	

;

. .

TREATMENT REPORT

ACIO	& Ceme	nt 🚘						Acid Stage No.	
					Type Treatment:	Anst.	Type Fluid	Sand Size	Pounds of Sand
Date	8/10/2020	District GB	F.O.	No 50276	Bitdown				
Company	Allam Produ	ction	-			961./Gal.			•
Well Nan	ne & No. Grabe	r #1	·						
Location			Field			Bbl./Gal.			
County	Reno		State KS	-	flush	Bbl./Gal			
					Treated from	ħ	. to	ft. No.	ft 0
Casing:	Size 5.5	" Type & Wt.		Set atf	L from	t	. to		n O
Formatio	n:		Perf	01	from		to	ft. No,	n. 0
Formatio	n:		Perl	to	Actual Volume of	OII / Water to Load Hole			Bbl./Gal.
Formatio	n:		Peri	to					
Liner: 5		6 WL	Top atft.	Bottom at A	Pump Trucks.	No. Used: Std3	165 Sa.	Tw	'n
· •	Cemented: Yes	Perforated i	hom		Auxiliary Equipme			327	
Tubing:	Size & Wt.	2.5"	Swung at		Personnel Nath				
	Perforated	from	ft. to	n	Auditory Tools				,
					Plugging or Sealin	y Materials: Type			
Open Hol	e Size	T.D.	ft. F	P.B. toft		-		Gals.	
									N.
Compeny	Representative		Larry	R	Treator		ainsh.	IN W.	
TIME		SURES	1	1			Matrie	(1) VV .	
1.m./p.m.	Tubing	Casing	- Total Fluid Pumped			REMARK	5		
5:00	2.5"	5.5"	7	On Location.					
			<u> </u>				—— <u></u>	·····	
		 	 	Dun tubing to th					
		ļ	 	Run tubing to 1	20° MIX 405	sks Common 3	% C.C. Cire	ulated cem	ent to
			f	surface.		·			
					·				
				Pull tubing and	pressure up	to 600#			
				Shut in.					
									·
				Thank You!					
						<u> </u>	····	<u>_</u>	
				Nathan W.			···		
								·····	
						····			
	······			······································	<u> </u>			······································	
						- · <u></u>			
						·····			
									- */ <u></u> .
				····					

/	1	
F	-	
2	B	
/		

ICT3988		8/18/2020	ICT3988	Calculated Slurry - Tail		6dd	gal I sx	ft ³ / sx	bbs / ft.	#	0 bbis		0.0 bbis	#DIV/01 sx																									rotal Fluid	56 bbls	
Ticket		Date:	Service:	Calcu	Blend:	Weight:	Water Sx:	Yield:	Annular Bbls / Ft.:	Depth:	A summer Volume:	Annual Viess:	Total Slurry:	Total Sacks:									· · · · · · · · · · · · · · · · · · ·														SUMMARY	Average Pressure	470 psi		X
GRAVER 1	DENO Ke	KENUKS	39047	n Load	MICROFINE	44 E mme	6dd c-11	8.5 gal / sx	1.41 ft° / sx	bbs / ft.	#	0.0 bbis		3.7 bbis	15 sx	ON LOCATION, SAFTEY MEETING LEAK AT 62 TO 92'	SURE TO 500 PSI	25 MIN.	VE CEMENT	DOWN TUBING	UBING		SURED 10 400 PSI					ANK YOU										Average Rate	2.1 bpm	1	
Well:		County:	S-T-R:		Calculated Sturry - Ecua	Dielia	Weight:	Water / Sx:	Yield:	Annular Bbls / Ft.:	Depth:	Annular Volume:	Excess:	Total Slurry:	Total Sacks: REMARKS	ON LOCATION, SAFTEN	LOAD CASING, PRESSURE TO 500 PSI	DROPPED 200 PSI IN 25 MIN.	MIX 15 SKS MICROFINE CEMENT	PUMP 3 BBL SLURRY DOWN TUBING	SHUT DOWN, PULL TUBING	CEMENT DOWN 18	PUMP .75 BLL, PRESSURED 10 400 PSI	WASH PUMP AND LINE	ETAGING	HOLDING 1000 PSI		JOB COMPLETE, THANK YOU!	MIKE MATTAL	MIKE							UNIT	912	526/521		
										Ar					TOTAL BBLs REI		48.0	48.0	48.0	51.0	51.0	51.0	51.8	55.8	55.8	8.6C	0.00														
KI I	NOILD	IE KS				-	-		Г	Г	Г	Г	Γ	bbis	STAGE T BBLs	-	48.0			3.0			0.8	4.0							T				+	+	-	CREW	MCGRAW		
L KEPU	PRODUC	PRAIR			ation	in	¥	5 1/2 in	H	2 7/8 in	99 ft		Ħ	9	S ISd		50.0			50.0			400.0		850.0		1,000.0			-	-	-				+	+	U			Bulk #1. Bulk #2:
ENT TREATMENT KEPORI	Customer: ALLAM PRODUCTION	City, States PRETTY PRAIRIE KS		Field Kep:	Downhole Information	Hole Size:	Hole Depth:		Casing Depth:	-		Tool / Packer:	Tool Depth:	Displacement:		B-DD	0,00	-	9:46	9;48 1.0			9;55 1.0	10;10 3.0	10;17		12;00										+		Cementer:	Pump Operator	na B