KOLAR Document ID: 1411592

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

WELL	HISTORY -		WELL &	IEASE
VV ĽLL		DESCRIP	WELL Q	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:
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 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:								

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Operator Nam	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).

				Yes] No			Log	Formatio	n (Top), Deptl	n and Datum	Sample
			<i>(</i>	1		Nan	ne			Тор	Datum	
Cores Taken Electric Log Run Geologist Report / N	Mud Logs	rvey		Yes] No] No] No] No							
			Rep			RECORD			Used	on, etc.		
(Attach Additional Sheets) Samples Sent to Geological Survey Yes Cores Taken Yes Electric Log Run Yes Geologist Report / Mud Logs Yes List All E. Logs Run: Yes CASIN Report all strings s Purpose of String Size Hole Drilled Size Casing Set (In O.D.) Set (In O.D.)]	Wei Lbs.	ght	5	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Purpose: Depth Type of Cement					L CEMENTING / SQUEEZE RECORD # Sacks Used Type and Percent Additives					nd Percent Additives		
Perforate Top Bottom		Typ		5111	# 54068	oseu			Type at	iu Fercent Additives		
Plug Back TD												
 2. Does the volume of 3. Was the hydraulic fr Date of first Production 	the total base	e fluid of the h	ydraulic f ion subm	racturing t itted to the Produce	e chemio	cal disclosure	e registry		☐ Yes ☐ Yes ☐ Yes ft ☐ O	No (If No	, skip questions 2 ar , skip question 3) , fill out Page Three	
	I	Oil B	Bbls.	Ga	as	Mcf	Wa	ter	Bt	bls.	Gas-Oil Ratio	Gravity
DISPOSIT	TION OF GAS	5:			1		COMPL	ETION:			PRODUCTIC Top	DN INTERVAL: Bottom
				Open Ho	le	Perf.		y Comp it ACO-5		nmingled nit ACO-4)	100	
Shots Per Perforation Perforation Bridge			Bridge F Type	Plug	Bridge Plu Set At	ıg		Acid,		Cementing Squeeze Kind of Material Used)		
	Shots Per Foot Perforation Top Perforation Bottom Bridge Pl Type											
TUBING RECORD:	Size:		Set At	:		Packer At:						

Form	ACO1 - Well Completion
Operator	Colt Energy Inc
Well Name	SLAY 5
Doc ID	1411592

Casing

	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	11.25	8.625	22	40	Portland	14	None

							540	~ ~
						TICKET NUM	ber 540	30
		2				LOCATION_	Ottawa, K	S
S.						FOREMAN		redy
	PUMPING LLC Chanute, KS 667	720 FI	ELD TICK	ET & TREA	TMENT REP			
) or 800-467-867			CEMEN	IT API #	15-207	-29541	
DATE	CUSTOMER #	WE	LL NAME & N	JMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/1/18	1828	Slaw	#5		NW22	26	14	wo
CUSTOMER H	5	7			CARADA CARACTER		TRANSFER AND A	1
MAILING ADDRES	thergy	/			TRUCK #	DRIVER	TRUCK #	DRIVER
and the second second		land Ro	٨		729	Casken	Vatery	Mosting
	Zhode 15	ICTATE			495	Keilar		
CITY		STATE			804	Kei Det	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
10/a		KS	6674	7		I		
JOB TYPE OL	-9	HOLE SIZE	65/4	HOLE DEPT	H_1435-1	CASING SIZE &	WEIGHT	
CASING DEPTH_		DRILL PIPE_		TUBING	23/8" - 1	129	OTHER	
SLURRY WEIGHT		SLURRY VOL		WATER gal/	sk	CEMENT LEFT in	1 CASING	
DISPLACEMENT_		DISPLACEME	NT PSI	MIX PSI		RATE 46	om	()
REMARKS: he	la sated	y medi	nc, esta	blished c	inculation	Hirover"	21/2 +1	bing,
washed y	whing d	own to	Tiple	TD at	1435' M	ixed 7 p	uned 8	00#
Oel w/ 30	0# Holl	, nix	ed to	unped 3	10 star Po	ablend 1/2	Acquent	w/ 68
gelper st	e displ	aced cel	nent.	to hole	TD, pulle	d tubing	to 1100	, nixed
+ po mod	10 sts	cemeri	t, oulled	tubino	to 720'	nixed	trum noo	1' 10 sts
Cement,	pulled.	tubing t	0'250	' Mitten	1 + ourse	d 40 s	to ceres	Prot.
rement &	lo surfac	e pulle	d tubin	. Atom	well ten	and wrold	A 49/1	10 sto
cenent, 4	vashed y	o tibing	+ ear	Smeut	, pr	Δ	, h	
		•	0	0			- ll	
Customer s	splied	#0				(*	TT	
ACCOUNT	QUANITY	or UNITS		DESCRIPTION o	f SERVICES or PR	ODUCT		TOTAL
CE0450	1		PUMP CHA	RGE			1500,00	
CEOCOA	30	mi	MILEAGE	. Crassing to the			214.50	
CE0711	nu	ín	ter	nilana	0		60.00	•
				- courses	truc	Ac	2374.50	
		100 M 10				20 %	474.90	
			2			Subtotal	1 119.10	1899.60
CC 5840	100	Sks	Pozh	end 1A	consect	SUBJECT	1350.00	1071.00
((5965	9AIT	#	6.0	when the t	emiken			
			Gel	A 11	de		271.20	
<u>CCU080</u>		*	Lo to	nseed Hu		A	30.00	
					Mat	erials 20%	1651.20	
							330.24	
			_			Subtotal		1320.96
			SCAP	INED				
				1.52.63				
					1	7.5%	SALES TAX	9907
Ravin 3737	17	111					ESTIMATED	3319.63
AUTHORIZTION -	J-R	/telled	/	TITLE			TOTAL	20/8
acknowledge th	at the nation			TITLE		ha front of the f	DATE 6/01/	

-

		anager/Driller				Drilling						Y	ates Cente	r, KS 6678	
Company/Operator Well No.		Leas	se Name		Well Locat	ion	1/4	1/4	1/4	Sec.	Twp.	Rge,			
Colt Energ	gy Inc.		5		Slay	1	365' fnl, 282	?' fel			NW	27	26s	14e	
P.O. Box	388		Well API #		Type/We	11	County	1	State	Tota	I Depth	Date Start	ed Date (Completed	
lola, KS 6	66749		15-207-29	541	Oil	1	Woodsor	r	кs	1	435	4/15/201	8 4/2	20/2018	
		t Name/No.				Bit R	ecord					Coring Reco	ord		
			Surface Re	cord	Туре	Size			Core	#	Size	From	То	To % Rec.	
	Drille	r/Crew	Bit Size:	11 1/4	PDC	11 1/4	0'	40'	1	-	3"	1250	1275	100	
Andy King			Casing Size:	8 5/8	PDC	6 3/4	40'	1435			<u> </u>	1200	12/0	100	
Charles K					FDC	0 3/4	40	1435		-					
chanes K	ang		Casing Length:	40'		_		-					_		
			Cement Used:	14sx											
			Cement Type:	Portland					1						
_		T				mation F									
From	To	-	rmation	From	То		Formation		From	n	То		Formation		
0 17	17	overburden													
225	225 492	shale										_		_	
492	578	lansing lime													
578	758	KC lime													
758	844	shale													
844	902	lime													
902	985	shale									1				
985	1009	lime					_								
1009	1034	shale													
1034	1050	lime			-										
1050	1079	shale													
1079	1085	sq sand													
1085	1243	sandy shale				_									
1243	1246	shale													
1246	1250	oil show													
1250	1279	core													
1279	1434	sandy shale							Well N	otes:					
1434	1435	Miss Lime				_			_						
									-						
									-						
									-						
									-						