KOLAR Document ID: 1299040

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 #	API No.:
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City:	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:, (e.gxxx.xxxxx)
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	County:
Purchaser:	Lease Name: Well #:
Designate Type of Completion:	Field Name:
☐ New Well ☐ Re-Entry ☐ Workover	Producing Formation:
Oil SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? ☐ Yes ☐ No
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       □ Plug Back     □ Liner     □ Conv. to GSW     □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:  Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
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 Approved by: Date:

KOLAR Document ID: 1299040

#### Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	Ea	ast West	County:				
	flowing and shu	ıt-in pressures, w	hether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	. Digital electronic log
Drill Stem Tests Ta			Yes No		_	on (Top), Depth ar		Sample
Samples Sent to G	Geological Surv	ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		R			New Used	on, etc.		
Purpose of Strir		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I		
Purpose:		epth Ty	pe of Cement	# Sacks Used		Type and F	Percent Additives	
Protect Casi								
Plug Off Zon								
<ol> <li>Did you perform a</li> <li>Does the volume o</li> <li>Was the hydraulic</li> </ol>	of the total base f	luid of the hydraulic	fracturing treatment	_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three (	,
Date of first Producti Injection:	ion/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL: Bottom
	_	on Lease	Open Hole			mmingled mit ACO-4)	Тор	Bottom
,	, Submit ACO-18.)				· · · · · · · · · · · · · · · · · · ·			
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid	Fracture, Shot, Cer (Amount and Kind	menting Squeeze  I of Material Used)	Record
TUBING RECORD:	Size:	Set /	At:	Packer At:				
. 5213 (1200) 10.	JIEG.			. 30.0.71				

Form	ACO1 - Well Completion
Operator	Colt Energy Inc
Well Name	SCHAFER CS-12
Doc ID	1299040

## Tops

Name	Тор	Datum
LANSING	224	725
B. LAN	484	465
KS CITY	565	384
B. KS CITY	738	211
FT. SCOTT	1023	-74
CHEROKEE	1057	-108
SQ SS	1078	-129
B. SQ SS	1092	-143
BV SS	1278	-329
B. BV SS	1344	-395
MISS CGL	1414	-465

Form	ACO1 - Well Completion
Operator	Colt Energy Inc
Well Name	SCHAFER CS-12
Doc ID	1299040

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	11.25	8.625	23	41	PORTLAN D	14	0
Production	6.75	4.5	10.5	1395	"THICK SET"	150	PHENO- SEAL, 1%

Mud Rotary Drilling Andrew King - Manag

Bar Drilling, LLC Phone: (719) 210-8806

1317 105th Rd. Yates Center, KS 66783

Ccs 12   Schafer	Andrew K	ing - Mai	Andrew King - Manager/Driller Company/Operator	Well No.	Leas	Pho Lease Name	Phone: (719)	(719) 210-8806 Well Location		1		$\neg$	114	1/4 1/4 5	1/4 1/4
Well API #   Type/Well	Colt Enera	ay Inc.		cs 12	Sc	hafer		805	fsl, 115	2805' fsl, 1155' fel	<u>ē</u>	fel SW	fel SW	fel SW SW SE	fel SW SW SE 22
Surface Record   Surface Record   Type   Size	DO Box 3	388		Well API#		Type/We	=		County	County	S	State	State Tot	State Total Depth	State Total Depth Di
Bit Rize:	ביים ביים ביים ביים	£749		15-207-293	318	<u>Q</u>		8	odsor	oodson	oodson	70	70	70	KS 1410 2/1/2010
Driller/Crew   Bit Size:   11 1/4   PDC   11 1/4	IOIA, NO O	NO POLICE	Nama/No				Bit F	ecord					C	Coring Record	Coring Record
Driller/Crew   Bit Size:   11 1/4   PDC   11 1/4	JOL	D/Project	Naille/No.	Surface Rec	cord	Туре	Size	Fro	3	m To	10	To Core#	10	To Core# Size	To Core# Size From
Casing Size: 85/8   PDC   63/4		Driller	/Crew	Bit Size:	11 1/4	PDC	11 1/4	0		40.5		40.5' 1	40.5'	40.5' 1	40.5' 1 3"
Casing Length: 41.5'   Cement Used: 14sx   Formation   Formation   From   To   Formation   From   To   Formation   From   To   Formation   From   To   From   To	Andy King		4	Casing Size:	8 5/8	PDC	6 3/4	41	ΩĪ	.5' 1416'	-	-	-	-	-
Cement Used: 14sx	Charles Ki	gni		Casing Length:	41.5			T							
Cement Type:   Portland   Formation R				Cement Used:	14sx			1							
To Formation From To  26 Overburden  27 Shale  484 Iansing lime  567 Shale  735 Kc lime  921 Shale  1023 Shale  1023 Shale  1038 lime  1046 Shale  1290 gas sand  1297 sandy shale  1300 sand(oil show)  1305 oil show  1310 oil sand  1340 core  1414 Shale  Miss lime				Cement Type:	Portland			-							
To         Formation         From         To           26         Overburden         26         26         Shale         27         36         Shale         37         38         38         38         38         38         38         38         38         39         3						Fo	rmation	Re	cord	cord				1	
26 226 484 484 567 735 921 977 988 1023 1038 1023 1038 1023 1029 1290 1290 1297 1300 1310 1340 1414	From	To	For	mation	From	То		7	rmation	ormation		ormation		From	From
226 484 484 567 735 921 977 988 1023 1038 1066 1071 1280 1290 1297 1300 1300 1310 1340 1414	0	26	Overburden												
484 567 735 921 921 977 988 1023 1038 1066 1071 1280 1290 1297 1300 1310 1340 1414	26	226	shale												
567 735 921 977 988 1023 1038 1038 1036 1071 1280 1290 1290 1297 1300 1305 1310 1340 1414	226	484	lansing lime												
735 921 977 988 1023 1038 1038 1023 1071 1280 1290 1290 1297 1300 1305 1310 1340 1414	484	567	shale												
921 977 988 1023 1038 1066 1071 1280 1290 1290 1297 1300 1310 1310 1340 1414	567	735	Kc lime												
977 988 1023 1038 1038 1066 1071 1280 1290 1297 1300 1300 1310 1310 1340 1414	735	921	shale												
988 1023 1038 1038 1066 1071 1280 1290 1297 1300 1305 1310 1340 1414 1416	921	977	sand						1						
1023 1038 1066 1071 1280 1290 1297 1300 1305 1310 1340 1414	977	988	lime												
1038 1066 1071 1280 1290 1297 1300 1300 1310 1310 1340 1414	988	1023	shale						1						
1066 1071 1280 1290 1297 1300 1305 1310 1340 1414 1416	1023	1038	lime						1						
1071 1280 1290 1297 1300 1305 1310 1340 1414 1416	1038	1066	shale						- 1						
1280 1290 1297 1300 1305 1310 1340 1414 1416	1066	1071	sq sand oil sho	W					- 1						
1297 1300 1305 1310 1340 1414 1416	1000	1200	one sand												
1300 1305 1310 1340 1414 1416	1290	1297	sandy shale												
1305 1310 1340 1414 1416	1297	1300	sand(oil show)						1						
1310 1340 1414 1416	1300	1305	oil show								Walla	Wall Notes:	Well Notes:	Wall Notes:	Wall Notes:
1340 1414 1416	1305	1310	oil sand						1		TO 13	1305' A 1	1305' A 1/2" Casi	Top 1305' A 1/2" Casing	TO 1305' A 1/2" Casing
1414 1416	1310	1340	core								ail	dil 1393 4	Idil 1000 4 117 cash		all 1990 4 1/2 cashing
1416	1340	1414							1						
	. 1414	1416													
									11						



2668

		Township R	ange Co	ounty
	Unit#	Driver	Unit #	Driver
illing				
P.O. Box 388		Ross		
y				
IDD KS 66249				
Depth 395 Hole 6319"  Wt. 41/2"/105 Hoement Casing 4 35				at the same
Depth 1395 Hole 6314"			-	
placement 22 ' 35'			111111	
placement				
Pump 300 get flish w/ hulls, 5 Bbl weter phononon/su @ 13.8*/ge? washout pump to be to. Final pump pressure com PSI Bump p Good and cetures to surface = 7 Bbl slu	casing Sia	ax circulat	ion up t	Fresh wate
Purp 300 get flish in hulls, 5 Bbl wete	spaces dise	1 50 SYS	thicieset	cemat 4/2
phenosen /SH @ /3.8"/go). Washout pump +	lines lelegar	olug. Disp	lace 4/22.	Bb) fresh
weter. Final purp pressure can PSI. Bump p	lug to 1000 PSI	· release p	ressure, Slo	ed & plug he
bood count ictions to surface = 7 Bb) slui	cy to pit -	Tob complet	e Rig dow	^
				-
	-			
	7.714 7.77		de Sant	
			.,,	
			· · · · · · · · · · · · · · · · · · ·	
109.6	Disposet			
1090	Discont			
1090	2.5cont 2.465.15)			
1090				

payment terms and conditions