KOLAR Document ID: 1485087

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 # 5150
Name: Colt Energy Inc
Address 1: PO BOX 388
Address 2:
City: IOLA State: KS Zip: 66749 + 0388
Contact Person: Michelle
Phone: (913) 236-0016
CONTRACTOR: License # 34953
Name: King, Andrew D.
Wellsite Geologist: Deb Ballard
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: Colt Energy, Inc.
Well Name: Schafer CS-28
Original Comp. Date: 7/18/2017 Original Total Depth: 1454
☐ 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 #: E-06103
☐ GSW Permit #:

2/8/2018		4/3/2018
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-207-29431-00-01
Spot Description:
__ - SE - NW - NW Sec. 23 Twp. 26 S. R. 14 ☑ East ☐ West
4455 Feet from ☐ North / ☑ South Line of Section
4125 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Woodson
Lease Name: SCHAFER Well #: CS-28
Field Name: Big Sandy
Producing Formation: Bartlesville
Elevation: Ground: 993 Kelly Bushing: 998
Total Vertical Depth: 1454 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 40 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 1443 w/ 165 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:** Karen Ritter **Date:** 12/10/2019

Operator Name: Colt Energy Inc Lease Name: SCHAFER Well #: CS-28

Sec. 23 Twp. 26 S. R. 14 ☑ East ☐ West County: Woodson

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 Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☐ Yes	☑ No
Geologist Report / Mud Logs	☐ Yes	☑ No

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

See original driller's log attached

CASING RECORD ☑ New ☐ 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
Surface	11.25	8.625	22	40	Portland	15	none
Production	6.75	4.5	10.5	1443	Thick set	165	Phenoseal 2#/sk

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: 4/3/2018

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☑ Other *(Explain)* Injection

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
1330	1360

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
4	1330	1332			
4	1334	1337			
4	1341	1347			
4	1353	1355			
4	1357	1360			

TUBING RECORD: Size: 2.375 Set At: 1320 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Colt Energy Inc
Well Name	SCHAFER CS-28
Doc ID	1485087

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	11.25	8.625	22	40	Portland	15	none
Production	6.75	4.5	10.5	1443	Thick set	165	Phenoseal 2#/sk

Mud Rotary Drilling
Andrew King - Manager/Driller

Bar Drilling, LLC

Phone: (719) 210-8806

1317 105th Rd.
Yates Center, KS 66783

Company/Operator	Well No.	Lease Name	Well Location	1/4	1/4	1/4	Sec.	Twp.	Rge,
Colt Energy Inc.	CS-28	Schafer	825' fnl, 1155 fwl	NE	SE	NW	23	26s	14e
P O. Box 388	Well API #	Type/Well	County	State	Total Depth		Date Started	Date Completed	
Iola, KS 66749	15-207-29431	Oil	Woodson	KS	1454		6/8/2017	6/14/2017	

Job/Project Name/No.	Surface Record		Bit Record				Coring Record				
			Type	Size	From	To	Core #	Size	From	To	% Rec.
Driller/Crew	Bit Size:	11 1/4	PDC	11 1/4	0'	40'	1	3"	1336	1366	100
Andy King	Casing Size:	8 5/8	PDC	6 3/4	40'	1454					
Charles King	Casing Length:	40'									
	Cement Used:	15sx									
	Cement Type:	Portland									

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation
0	47	overburden						
47	264	shale						
264	528	lansing lime						
528	604	shale						
604	775	KC lime						
775	869	shale						
869	872	lime						
872	910	shale						
910	920	lime						
920	1007	shale						
1007	1037	Ft. Scott Lime						
1037	1070	shale						
1070	1085	lime						
1085	1095	shale						
1095	1101	lime						
1101	1124	shale						
1124	1138	sand						
1138	1330	shale						
1330	1336	light brown sand (gas odor)				Well Notes:		
1336	1366	core				ran 4 1/2" casing		
1366	1396	sandy shale						
1396	1452	coal						
1452	1454	Miss Lime						
-								

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

ELITE
CEMENTING & ACID SERVICE, LLC

Cement or Acid Field Report
Ticket No. **3366**
Foreman Rick Ledford
Camp Eureka Ks

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
6-14-17	1003	Schafer CS-28				Woodson	Ks

Customer	Safety Meeting	Unit #	Driver	Unit #	Driver
Colt Energy Inc.	RL	105	Dave C.		
Mailing Address: P.O. Box 388	DG	113	Rick L		
City: Iola / State: Ks / Zip Code: 66749	GM	121	Greg M.		

Job Type	L/S	Hole Depth	1454'	Slurry Vol.	50 Bbl	Tubing	
Casing Depth	1443'	Hole Size	6 3/4"	Slurry Wt.	13.8#	Drill Pipe	
Casing Size & Wt.	4½"	Cement Left in Casing	4.55	Water Gal/SK	9.0	Other	
Displacement	22.9 Bbl	Displacement PSI	950	Bump Plug to	1350	BPM	

Remarks: Safety meeting- Rig up to 4½" casing. Break circulation w/fresh water. Pump 6 sks gel flush w/hulls, 5 Bbl water space. Mixed 165 sks thickset cement w/2# phenoseal/sk @ 13.8#/gal. Washout pump + lines, release 4½" rubber plug. Displace w/22.9 Bbl water. Final pump pressure 950 PSI. Bump plug to 1350 PSI. release pressure, float + plug held. Good cement returns to surface: 8 Bbl slurry to pit. Job complete. Rig down.

Thank You!

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C107	1	Pump Charge	[redacted]	[redacted]
C107	25	Mileage	[redacted]	[redacted]
C201	165 sks	thickset cement	[redacted]	[redacted]
C208	330#	2# phenoseal/sk	[redacted]	[redacted]
C206	300#	gel flush	[redacted]	[redacted]
C214	40#	hulls	[redacted]	[redacted]
C108A		ton mileage bulk tok	[redacted]	[redacted]
C403	1	4½" top rubber plug	[redacted]	[redacted]
		[redacted]	subtotal	[redacted]
			Sales Tax	[redacted]
			Total	[redacted]

Authorization by Andy King Title

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.