

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
Geologist Report / Mud Logs	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
List All E. Logs Run:					

<div style="text-align: center;"> CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc. </div>							
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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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:		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio Gravity

<p>DISPOSITION OF GAS:</p> <p><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease</p> <p><i>(If vented, Submit ACO-18.)</i></p>	<p>METHOD OF COMPLETION:</p> <p><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled</p> <p><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i></p>	<p>PRODUCTION INTERVAL:</p> <p>Top Bottom</p>	

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)

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Colt Energy Inc
Well Name	SCHAFER CS-25
Doc ID	1485072

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	14	none
Production	6.75	4.5	11.60	1393	Thick set	155	Phenoseal 2#/sk

Mud Rotary Drilling
Andrew King - Manager/Driller

Bar Drilling, LLC
Phone: (719) 210-8808

1317 105th Rd.
Yates Center, KS 66783

Company/Operator	Well No.	Lease Name	Well Location	1/4	1/4	1/4	Sec.	Twp.	Rge.
Cott Energy Inc	CS-25	Schafer	1155' fml, 825' fwl	SE	NW	NW	23	26s	14e
P O Box 388	Well API #	Type/Well	County	State	Total Depth	Date Started	Date Completed		
Iola, KS 66749	15-207-29419	Oil	Woodson	KS	1403	3/9/2017	3/15/2017		
Job/Project Name/No.	Surface Record	Bit Record				Coring Record			
Driller/Crew	Bit Size:	Type	Size	From	To	Core #	Size	From	To
	11 1/4	PDC	11 1/4	0'	40	1	3"	1282	1311
Andy King	Casing Size:	PDC	6 3/4	40	1403				
Charles King	Casing Length:								
	Cement Used:	14sx							
	Cement Type:	Portland							

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation
0	26	overbuden	1063	1072	sand oil show			
26	216	shale	1072	1279	sandy shale			
216	417	Lansing Lime	1279	1282	sand oil show			
417	553	shale	1282	1311	core (good oil sand)			
553	725	KC Lime	1311	1320	sand oil show			
725	832	shale	1320	1401	sandy shale			
832	843	lime	1401	1403	Miss Lime			
843	850	shale						
850	853	lime						
853	867	shale						
867	878	lime						
878	886	shale						
886	949	sandy shale						
949	961	lime						
961	977	shale						
977	986	lime						
986	988	shale						
988	992	lime						
992	1017	shale						
1017	1033	lime						
1033	1044	shale						
1044	1049	lime						
1049	1062	shale						
1062	1063	lime						

Well Notes:

Ran 4 1/2" Casing

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



Cement or Acid Field Report
Ticket No. **3190**
Foreman Rick Letford
Camp Eureka, KS

15-207-29419

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
3-15-17	1003	Schafer # CS-25	23	26	19E	Wagon	Ks
Customer <u>Calt Energy Inc.</u>			Unit # 105 112		Driver <u>Don E. Kowalski</u>		Unit # Driver
Mailing Address <u>Box 388</u>							
City <u>Tola</u>	State <u>Ks</u>	Zip Code <u>66719</u>					

Job Type L/S Hole Depth 1403 Slurry Vol. 47 BW Tubing _____
Casing Depth 1323.30 Hole Size 6 3/4" Slurry Wt. 13.8" Drill Pipe _____
Casing Size & Wt. 4 1/2" 11.6 lb/ft Cement Left in Casing 4' 33" Water Gal/SK 9.0 Other _____
Displacement 21.5 BW Displacement PSI 600 Bump Plug to 1000 BPM _____

Remarks: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ fresh water. Pump 6 SKS gel-flush w/ balls. 5 BW water spacer. Mixed 155 bags thickset cement w/ 2" phoscolite @ 13.8"/gal. Washdown pump + liner release plug. Displace w/ 21.5 BW water. Final pump pressure 600 PSI. Bump plug to 1000 PSI. Release pressure. Plug + plug laid. Good cement returns to surface. 8 BW slurry to pit. Job complete. Rig down.

Thank You

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	2000	2000
C103	25	Mileage	8000	2000
C201	155 bags	thickset cement	1000	155000
C303	310"	2" phoscolite	1000	310000
C206	300"	gel-flush	800	240000
C214	40"	balls	800	32000
C128A	8.50	for mileage bump 4.00	1000	8500
C403	1	1 1/4" top rubber plug	1000	1000
			Sales Tax	1000
			Total	1000

Authorization Rick Letford

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.