

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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 #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ 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: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

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

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

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 <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **3113**
 Foreman Steve Mead
 Camp Eureka

15-207-29401

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
2-9-17	1003	Cobble # 18	22	26	14E	Woodson	Ks	
Customer Colt Energy Inc.			Safety Meeting		Unit #	Driver	Unit #	Driver
Mailing Address P.O. Box 388					104	Alan M		
City Tala					112	Don G		
State Ks		Zip Code 66749						

Job Type Longstring Hole Depth 1431 Slurry Vol. _____ Tubing _____
 Casing Depth 1399' Hole Size 6.25" Slurry Wt. _____ Drill Pipe _____
 Casing Size & Wt. 4 1/2, 12.5#/ft Cement Left in Casing _____ Water Gal/SK _____ Other _____
 Displacement 22 bbls Displacement PSI 250⁺ Bump Plug to 1250^{ft} BPM _____

Remarks: Safety Meeting. Rig up to 4 1/2 casing. Break circulation w/ Fresh water pump 300' Gal flush w/ Hulls + 5 bbls water spacer. Mix 165 sks Thickset cement w/ 2" Phosaseal Ruffs. Lashout pump & lines. Release plug. Displace w/ 22 bbls Fresh water. Final pumping pressure 250^{ft} Bump Plug to 1250^{ft}. Release pressure plug held. Good cement to surface 5 bbls to pit. Job complete Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1000	1000
C107	25	Mileage	20	500
C-201	165 sks	Thick set cement	100	16500
C-208	2300 #	Phosaseal 2" 12.5/ft	100	230000
C-206	300 ^{ft}	Gal flush	20	6000
C-204	40 ^{ft}	Hulls	200	8000
C108-A	866 mi	Ten mileage Bulk Truck	100	86600
C-4-3	1	4 1/2 Ton Rubber Plug	1000	1000
			Sub Total	100000
			Sales Tax	10000
Authorization <u>R.R. [Signature]</u> Title <u>Truck driver</u>			Total	110000

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.

Mud Rotary Drilling
Andrew King - Manager/Driller

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

1317 105th Rd.
Yates Center, KS 66783

Company/Operator Colt Energy Inc P O Box 388 Iola, KS 66749	Well No. 18	Lease Name Cobble	Well Location 165' fsl 1415' fsl			1/4 SE	1/4 SW	1/4 SE	Sec. 22	Twp. 26s	Rge. 14e
	Well API # 15-207-29401		Type/Well Oil	County Woodson		State KS	Total Depth 1431	Date Started 2/3/2017	Date Completed 2/9/2017		
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'	42	1	3"	1254	1283	95
Andy King	Casing Size:	8 5/8	PDC	6 3/4	40	1431	2	3"	1283	1308	105
Charles King	Casing Length:	42									
	Cement Used:	14sx									
	Cement Type:	Portland									

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation
0	22	overbuden	1308	1430	sandy shale			
22	221	shale	1430	1431	Miss lime			
221	489	Lansing Lime						
489	567	shale						
567	745	KC Lime						
745	836	shale						
836	841	lime						
841	864	shale						
864	879	lime						
879	885	shale						
885	974	sandy shale						
974	992	lime						
992	997	shale						
997	1004	lime						
1004	1027	shale						
1027	1046	lime						
1046	1053	shale						
1053	1061	lime						
1061	1072	shale						
1072	1090	sq sand (oil show)						
1090	1248	shale						
1248	1254	broken oil sand						
1254	1283	Core # 1, 15'+- oil sand						
1283	1308	core #2, 3' +- oil sand						

Well Notes:
Ran 4 1/2" Casing