

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1178597

Form ACO-1

August 2013

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 ☐ SIOW
- ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
- ☐ OG ☐ GSW ☐ Temp. Abd.
- ☐ 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 ENHR ☐ Conv. to SWD
- ☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer
- ☐ Commingled Permit #: _____
- ☐ Dual Completion Permit #: _____
- ☐ SWD Permit #: _____
- ☐ ENHR Permit #: _____
- ☐ GSW Permit #: _____

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - _____

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

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____

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			
List All E. Logs Run:					

<div style="text-align: center;"> CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used </div> <div style="text-align: center;">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				

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 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)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth
TUBING RECORD: Size: Set At: Packer At:			Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumed Production, SWD or ENHR.		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></p> <p><input type="checkbox"/> Other <i>(Specify)</i> _____</p>	<p>PRODUCTION INTERVAL:</p> <p>_____</p> <p>_____</p>
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ENTERED

FOREMAN Shannon Feck

CEMENT 15-001-30590

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/25/13	1828	Bowles #BT-1	8	24	18	Allen
CUSTOMER						
Colt Energy, Inc.						
MAILING ADDRESS						
P.O. Box 388						
CITY	STATE	ZIP CODE				
Iola	KS					

TRUCK #	DRIVER	TRUCK #	DRIVER
520	John S		
479	colby N		
X-tra Help	Chris B		

JOB TYPE <u>1" Top outside</u>	HOLE SIZE <u>7 7/8"</u>	HOLE DEPTH <u>1170</u>	CASING SIZE & WEIGHT <u>5 1/2, 15.50/lb</u>
CASING DEPTH <u>1145' G.L.</u>	DRILL PIPE <u> </u>	TUBING <u>3N</u>	OTHER <u> </u>
SLURRY WEIGHT <u> </u>	SLURRY VOL <u> </u>	WATER gal/sk <u> </u>	CEMENT LEFT in CASING <u> </u>
DISPLACEMENT <u> </u>	DISPLACEMENT PSI <u> </u>	MIX PSI <u> </u>	RATE <u> </u>

REMARKS: Rig up to 3/4" Tubing Set @ 95'. Break circulation & mixed 20 SKS Class A cement w/ 20% gel & 1% calcium. Brought cement to surface & shut down. Wash out tubing. Hole stayed full. Job complete.

"Thanks Shannon & crew"

[illegible]

Rayin 3737

AUTHORIZTION

TITLE

DATE 6/25/2013

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



ENTERED

TICKET NUMBER 42814 ✓
LOCATION Eureka
FOREMAN Rich Lodford

FIELD TICKET & TREATMENT REPORT

CEMENT 15-001-30590

620-431-9210 or 800-467-8676		CEMENT # 1201					
DATE	CUSTOMER #	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
6-21-13	1828	Bowles BT-1		8	24	18E	Allen
CUSTOMER Colt Energy Inc.							
MAILING ADDRESS P.O. Box 388							
CITY		STATE	ZIP CODE				
Jola		Ks	66749				
				TRUCK #	DRIVER	TRUCK #	DRIVER
				520	John		
				515	Ed		

JOB TYPE <u>L/S 0</u>	HOLE SIZE <u>7 7/8"</u>	HOLE DEPTH <u>1170</u>	CASING SIZE & WEIGHT <u>5 1/2" 18.5#</u>
CASING DEPTH <u>1145'</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT <u>13.6#</u>	SLURRY VOL _____	WATER gal/sk <u>6.5</u>	CEMENT LEFT in CASING <u>5' 35</u>
DISPLACEMENT <u>27.1</u>	DISPLACEMENT PSI <u>400</u>	PSI <u>900</u> <u>6.5 plus</u>	RATE _____

REMARKS: Safety meeting- Rig up to 5 1/2" casing. Break circulation w/ 52 Bbl fresh water. Pump 400# gal./flush w/ 100# huffs, brought gel to surface. Pump 17 Bbl dye water. Mixed 180 sacks class A cement w/ 270 gal, 1% cacl₂, + 2# phenosan/lb @ 13.6"/gal. Washout pump + lines, release plug. Displace w/ 27' Bbl fresh water. Final pump pressure 400 PSI. Pump plug to 900 PSI. Release pressure, float + plug held. Good cement returns to surface = 6 Bbl slurry to pit. Job complete. Rig down.

.. Thank Ya ..

[illegible]

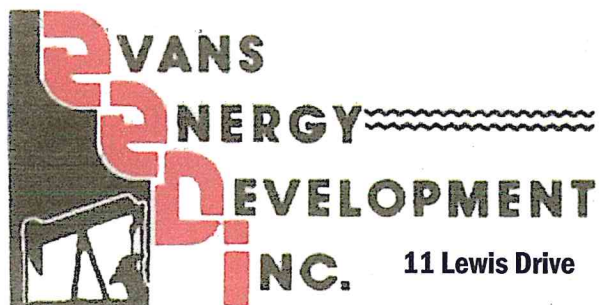
Ravin 3737

AUTHORIZTION

TITLE

DATE 6/21/2013

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

Colt Energy, Inc.

Bowlus #BT1

API #15-001-30,590 ✓

June 14-June20, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
15	lime	21
1	shale	22
22	lime	44
2	shale	46
2	lime	48
43	shale	91
11	lime	102
17	shale	119
49	lime	168
25	shale	193
4	lime	197
50	shale	247
59	lime	306
4	shale	310
23	lime	333
4	shale	337
23	lime	360 base of the Kansas City
31	shale	391
6	sand	397 grey
100	shale	497
6	lime	503
33	shale	536
8	lime	544
10	shale	554
9	lime	563
11	shale	574
16	sand	590 green
21	shale	611
5	lime	616
9	shale	625
3	lime	628
11	shale	639
9	lime	648
5	shale	653
5	lime	658
11	shale	669

30	lime	699 with a few shale seams
10	shale	709
5	lime	714
4	shale	718
6.5	broken sand	724.5 brown & green, 60% bleeding sand
2	broken sand	726.5 brown & grey, 90% shale, light bleeding
73.5	shale	800
55	broken sand	855 brown & grey, light oil show
5	oil sand	860 brown, light oil show
25	broken sand	885 brown & grey, no show, oil odor
10	oil sand	895 brown, light oil show
4	broken sand	899 brown & grey, light oil show
1	coal	900
20	shale	920
2	coal	922
17	shale	939
8	sand	947 white
10	broken sand	957 brown & grey, 30% bleeding sand
12	oil sand	969 brown, good bleeding
129	water sand	1098 white with some oil saturation
8	shale	1106
1	coal	1107
8	shale	1115
55	lime	1170 Mississippi
		1170 TD

Drilled a 12 1/4" hole to 21.8'.

Drilled a 7 7/8" hole to 11170'.

Set 21.8 of 8 5/8" casing, cemented with 8 sacks of cement.

	Minutes	Seconds
720	1	11
721	1	4
722	1	10
723		58
724		28
725		28
726		35
727		30
728		36
729		51
730		49
731		53
732		53
733		46
734		45
735		48
736		58
737		52
738	1	16
739	1	7

	Minutes	Seconds
950		59
951		39
952		56
953	1	38
954	1	15
955		50
956		34
957		36
958		57
959		55
960		55
961		54
962		56
963	1	-
964		52
965		46
966		58
967		50
968		47
969		53
970		50
971		45
972		40
973		49
974		45
975		46
976		44
977		50
978		40
979	1	3
980		55
981		48
982		49
983		45
984		44
985		44
986		47
987		47
988		46
989		37