



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1324099
OIL & GAS CONSERVATION DIVISION

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
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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: _____

1324099

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 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				

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <i>(Explain)</i> _____
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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)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Air Drilling Specialist
Oil & Gas Wells

THORNTON AIR ROTARY, LLC
Office Phone: 620-879-2073

PO Box 449
Caney, KS 67333

offset well

Date Started	10/26/2016
Date Completed	10/27/2016

Operator	A.P.I #	County	State
Colt Energy, LLC	15 099 24704 00 00	Labette	Kansas

Well No.	Lease	Section	Township	Range
9-30 A	Parks Rev Trust	30	32	18

Type of Well	Driller	Cement	Surface	TD	Size of Hole
Gas	Billy Thornton	6	20' 6" 8 5/8	933	6 3/4

0-3	DIRT	553-578	SHALE		
3-6	CLAY	578-579	COAL (IRON POST)	408	GAS TESTS: NO GAS
6-26	SHALE	579-596	SHALE	433	NO GAS
26-38	LIME	596-598	LIME (V LIME)	533	SLIGHT BLOW
38-140	SHALE	598-600	SHALE	561	SAME
140-152	LIME	600-601	COAL (CROWBERG)	658	SAME
152-158	LMY SHALE	601-665	SHALE	670	SAME
158-203	SHALE	665-678	SAND	682	SAME
203-206	BLACK SHALE	678-683	SANDY SHALE	708	12# 1/8 = 10.5 MCF
206-209	SHALE	683-797	SHALE	733	SAME
209-216	LIME	797-805	SANDY SHALE	808	15# 1/4 = 39.2 MCF
216-231	SHALE	805-813	SHALE	833	SAME
231-280	LIME	813-820	SAND	858	SAME
280-282	SHALE	820-830	SANDY SHALE	908	SAME
282-286	LIME	830-838	SAND	933	SAME
286-289	BLACK SHALE	838-855	BROWN SAND		
289-307	SANDY SHALE	855-933	SHALE		
307-314	LMY SHALE	933	TD		
314-374	SHALE				
374-400	LIME (PAWNEE)				
400-408	BLACK SHALE				
408-418	SANDY SHALE				
418-428	SAND				
428-473	SHALE				
473-504	LIME (OSWEGO)				
504-512	BLK SHALE (SUMMIT)				
512-537	LIME				
537-541	BLACK SHALE				
541-542	COAL (MULKY)				
542-553	LIME				

Colt Energy, Inc.
Geological Report

Well: **Parks Rev. Trust #9-30A**

Draft: 10/28/16

2325 FSL, 410 FEL

Section 30-T32S-R18E

Labette Co., KS

API #: 15-099-24704

Elevation: 904 GL (Est. from USGS Topo. Map)

Drilling Contractor: Bill Thornton Drilling (Op. Lic. #33606)

Spud: 10/26/2016

Surface: 12.25" bore hole, 8.625" set at 20.0', cmtd w/ 5 sx of Portland

Under Surface: (10/27/16)

Drilling fluid: Air and mist

Production bore hole: 6.75"

Rotary Total Depth (RTD): 933' (10/27/16)

Geophysical E-Log(s): None

Production Casing: None

Type Well: Non-commercial (Dry and Abandon), Plug'd 10/28/2016, see plug report

Formation/Member	Driller's Log Tops	Datum
South Mound Sh	203	701
Pawnee Ls	374	530
Anna Sh (Lexington Coal Zone)	400	504
"Peru" Ss	No call	-----
Ft. Scott ("Oswego") Ls	473	431
Little Osage Sh (Summit Coal Zone)	504	400
Excello Sh (top of the Cherokee)	537	367
Mulky Coal Zone	541	363
Base Breezy Hill Ls	553	351
Bevier (Iron Post) Coal Zone	578	326
Verdigris/Ardmore Ls	596	308
Oakley "V" Sh	598	306
Croweburg Coal	600	304
Fleming Coal Zone	No call	-----
Mineral Coal Zone	No call	-----
"Upper" Cattleman (Chelsea) Ss	Not present	-----
Scammon Coal Zone	No call	-----
"Lower" Cattleman (Neodesha) Ss	633	271
"Tebo" Coal Zone	No call	-----
Weir Sh/Coal Zone	No call	-----
"Upper" Bartlesville Ss	Not present	-----
"Un-named" Coal Zone	No call	-----
"Middle" Bartlesville Ss	No call	-----
Dry Wood "Bluejacket" Coal Zone	No call	-----
Lower" Bartlesville Ss	830	74

Formation / Member	OH E-Log Top (Rdd off)	Datum
Rowe "AW" Coal Zone	No call	-----
Neutral "BW" Coal Zone	Not drilled	-----
Riverton Coal Zone	Not drilled	-----
Mississippian	Not drilled	-----
Rotary Total Depth	933	-29

The following report is based on microscopic examination of rotary drill cuttings, collected on location while drilling and a series of open flow gas tests.

Note: Drill cuttings were intermittently collected and "bagged" from 400' to 608' and continually collected from 608' to the total depth of 933'.

Major Zones of Interest (Depths based on the Driller' measurements.)

South Mound Shale Zone, 203-206. No samples collected.

Gas check at 208: No apparent open flow.

Gas check at 308: No apparent open flow.

Anna (Lexington Coal Zone) Shale, 400-408. Shale, black, mostly angular cuttings, micro pyritic, no coal or shows of gas found in samples.

Gas test at 433: No open gas flow (footage covers Anna Shale (Lexington Coal Zone and Peru Sand Zone that was found in the Parks 9-30, 80 feet to the northeast).

Little Osage Shale (Summit Coal Zone), 504-512. Shale, black, pyritic, no coal and no visible shows of gas, thickness of includes the gray to medium gray and gray-green shale below the black shale; Driller did not distinguish between the shales.

Gas test at 533: No open gas flow.

Excello Shale, 537-541. Shale, black, pyritic, mix of angular, blocky, and platy cuttings with questionable micro gas bubbles in part where gritty textured.

Mulky Coal, 541-542. Coal, pyritic, gritty textured in part – "coaly-shale", questionable show of gas bubbles, few floaters.

Gas test at 558: No open gas flow.

Bevier (Iron Post?) Coal Zone, 578-579. No samples collected.

Oakley "V" Shale, 598-600. No samples collected.

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Major Zones of Interest continued:

Croweburg Coal Zone, 600-601. No samples collected.

Gas check at 608: No apparent open flow.

Fleming Coal Zone. No call

Mineral Coal Zone. No call, but sample bag 633-658 contained (other than shale) a trace of coal, few were floaters, no visible shows of gas.

Scammon Coal Zone. No call

Gas test at 658: Faint open flow, too small to test.

“Lower” Cattleman (Neodesha) Sand, 665-678. Sandstone, very light tans, very fine to fine grain, mostly angular, poor to moderately well sorted, moderately to well consolidated, friable to somewhat semi-friable, scattered pale green and gray-green shale platelets in part, trace micaceous, silty to shaley with depth, good to very good porosity, but decreasing with depth, fair gassy-oily odor around rig when drilled, but apparent odor when sample bag opened for examination, very-very dull somewhat uniform fluorescence, no shows of free oil or gas.

Gas test at 670: Faint open flow, still too small to test.

Gas test at 683: Maybe open flowed 1-2 MCF, gage needle might have raised about ½ to 1 PSI, no increase in water.

Tebo Zone. No call, but sample bag 683-708 contained abundant black shale with micro carbonaceous fragments in part, trace gas bubbles where gritty textured, no coal in sample.

Gas test at 708: Open flow tested at 10.5 MCF or approximately 9+/- MCF increase.

Gas test at 733: Still open flow of 10.5 MCF

“Upper” Bartlesville Sand. Not present

“Lower” Bartlesville Sand Zone:

Gas test at 808: Noticed “pack-off” rubbers around the drill pipe leaking a little, adjusted same, open flowing 39.2 (28.7 MCF increase), either getting a better test of the zones above or gas coming from some of the thin silt/sandstone lamina-lenses from between 790+/- to 808.

808-830+/-. Intermittent medium gray, gray-green, green-gray silt to sandy shale with lamina and thin lenses of silt/sandstone, based on drill cutting samples, sandier with depth, no shows.

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“Lower” Bartlesville Sand Zone continued:

830-838+/-. Sandstone, very-very light to light tans, trace medium tans, very fine to fine grain, angular to very angular, poor to moderately sorted, poor to moderately consolidated, loose grains to friable clusters, silty to shaley in part, fair to good intergranular porosity, very-very dull fluorescence, no odor from samples, but had fair “gassy-oily” odor around rig, but dissipated with depth, questionable hydrocarbon staining, no shows of free oil or gas.

Gas test at 833: No increase, still open flowing 39.2 MCF

838-855+/-. Sandstone, medium to dark browns with depth, mostly fine grain, mostly angular, moderately to somewhat well sorted in part, well to very well consolidated, semi-friable to firm clusters, good to excellent porosity with depth, little silty to shaley at base, dull but uniform fluorescence, no apparent odor, fair to good hydrocarbon staining, no shows of free oil, few questionable gas bubbles.

Gas test at 858: No increase, still 39.2 MCF and no increase in water.

Gas test at 883: No increase, same as above

“AW” and “BW” Coals. No call, but sample bag 883-908 contained very small percentage of coal, few “floaters”, no show of gas.

Gas test at 908: No increase, still 39.2 MCF

Gas test at 933 (TD): No increase, still 39.2 MCF

Summary:

Due to lack of commercial oil or gas shows, the decision was made to plug and abandon the subject well.

Sincerely,

Rex R. Ashlock
For: Colt Energy, Inc.