

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.