

A-3-LE

OPERATOR: Dr. Adam Stacy, Jr.

FARM: Charles H. Frye

WELL NUMBER: #1

LOCATION:

LAT: 6825 ft. North of 30° 37' 30"

LONG: 150 ft. East of 83° 22' 30"

ELEVATION: 1520 ft.

TOTAL DEPTH: 1694 ft.

DRILLING COMMENCED: Sept. 1949 (?)

DRILLING COMPLETED: October 1949

RESULT: Productive from Trenton - Plugged and Abandoned at some later date

INTERVAL

DESCRIPTION

0-281	Not Examined
281-295	Dolomite, m. gy-brown, -m. dk. brown, fine crystalline, sacchroidal, massive (60%); Dolomite, dk. gy - brn-gray, fine - very fine xln., argillaceous, grainy texture (40%). Both types are slightly limy; minor white crystalline calcite fracture fill
295-306	Dolomite, m. brn - lt. brown, fine crystalline, limy w/ minor dk. gy. Dolomite as above; sample finely ground
306-315	Same as 281-295 interval, except 80% dk. gy. variety
315-331	Same as 281-295 interval, 70% med-brown variety 30% dk. gy. variety.
331-768	Not Examined
768-780	Sandstone, v. lt. gray/white, fine-grained, grain-supported w/ mud-filled pore-spaces, subrounded, well-sorted w/ a few larger grains in some cuttings (40%); Siltstone, m. dk. gray, fine to coarse grained w/ minor gray sandstone (60%); Minor amts dk. reddish-brown shale w/ slickensides
780-790	As above, approx. 50-50% Sandstone vs. Siltstone, minor shale
790-800	Sandstone, lt. gy-white-pale green, fine to med. grained, subrounded mostly glassy qtz. grains (90%) Siltstone as above (50%); Shale, dk. reddish brown, micaceous and slickensided (5%)

<u>INTERVAL</u>	<u>DESCRIPTION</u>
800-818	Sandstone, as above; Shale, dk. gray, micaceous
818-830	Shale, dk. gray, thin bedded
830-846	Shale, as above
846-860	Shale, as above, w/ siltstone, m. dk. gy, v. fn. grained, minor red-brn. shale
860-875	Shale & Siltstone, as above w/ sandstone, m. gray, fn.-v. fn. grained, muddy/silty (@10%); a few slickensides
875-890	Shale & Siltstone w/ minor sandstone; slightly limy to very limy
890-905	No Sample
905-921	Mudstone/Siltstone, dark red-reddish brown, micaceous limy
921-935	Limestone, med. dark gray, fine crystalline, argillaceous, grainy texture w/ minor white crystalline calcite fracture fill & @ 10% red mudstone as above
935-1130	Interval not examined
1130-1143	Siltstone/Mudstone, dk. red-reddish gray, limy, fine grained (80%) Limestone m. gray - m. dk. gray very fine to fine crystalline argillaceous
1143-1161	Siltstone/Mudstone as above (50%); Limestone as above (45%); Sandstone/Calcarenite/Siltstone, white to gray, mud-supported very fine to siltsized grains of qtz. & rock fragments in limy matrix
1161-1171	Limestone, med. gray, fine crystalline, dense, argillaceous w/ minor glauconite (?) and shale, dk. gray-greenish gray, limy, thin bedded; minor white/creme calcarenite
1171-1180	Shale/Argillaceous limestone med. gray - m. dk. gray-dark gray, very fine to fine crystalline; w/ minor greenish tint & white crystalline calcite fossil brach. frags.

<u>INTERVAL</u>	<u>DESCRIPTION</u>
1180-1194	As above (Sample unwashed)
1194-1450	Not Examined
1450-1525	Samples Missing Includes Reported Reedsville/ Trenton Contact (Miller, USGS)
1525-1582	Not Examined
1582-1593	Limestone dk. gray, v. fn. crystalline; argillaceous, petroliferous (?) w/ minor m. dk. gray and m. brown (60%) shale, dk. gray, limy (35%); (5%) Calcarenite, mud-supported, m. dk. brn-gy to creme-colored, grainy texture, w/ m. dk. gray grains v. fine to m. coarse, oblong- rounded
1593-1600	Limestone & shale as above
1600-1608	Limestone & shale as above w/ abundant calcarenite, mud-supported (as above) w/ minor chert, brown - lt. brown, micro. xln, dense; scattered fossil fragments
1608-1624	As above, including chert & calcarenite
1624-1680	Not Examined
1680-1687	Limestone, m. dk. gy-brown, fine to fine-med. crystalline, sucrosic and Limestone/limy shale, dk gray, v. fine xln., argillaceous: fossil frags. (brachiopods ?) and minor creme-colored muddy calcaronite/siltstone
1687-1694	As above w/ trace of dk. brown-black chert T.D. 1694'

COLLAR: Copper Ridge Dolomite
Approx. 350': Reported Trace of Pine Mtn. Fault
(Miller & U.S.G.S.)
Approx. 379': Reported top of Clinton Shale (USGS
Bull. 1027-L, Pg. 563)
Approx. 727': Reported top of Poor Valley Ridge
Mbr. (USGS, Bull. 1027-L pg. 563)
810': Top of Hagan Shale
890': Top of Sequatchie Formation
1161': Top of Reedsville Shale
1488': Reported top of Trenton Limestone (Miller,
U.S.G.S.)

T. D.: 1694'
Oil Show: 1600'
Oil Pay: 1690'