

OPERATOR: E. R. Morris

FARM: George S. Yeary

WELL NUMBER: #1

LOCATION: Lee Co. Va. Rose Hill Field, North of Fourmile Fenster

LAT:

LONG:

ELEVATION: 1691'

TOTAL DEPTH: 3034'

DRILLING COMMENCED: January 1947?

WELL COMPLETED: June 1947?

RESULT: Dry Hole - Oil show in Eggleston Fm. (Miller #28 VDMR Bull 71, 1954)

PARTIAL GEOLOGIC LOG

<u>INTERVAL</u>	<u>LITHOLOGY</u>
0-800	Not described
800-810	Dolomite, lt. brn. - m. dk. brn. gy. fn. xln - m: xln
810-820	Dol. as above, w/ lt. gy-white Dolomite also present
820-830	Dol. as above, generally slightly darker
830-835	Dol. m. dk. gy., fn xln / grainy, slightly limy, argil.
835-840	Dol. mostly v. lt. gy. fn. xln, limy
840-845	As above
845	PINE MOUNTAIN FAULT
845-850	Dol. m. dk. gy. fn to m. xln w/ qt. SS. (White Clear, Glassy) or floating sand grains.
850-860	Dol. & SS. @ 60-40%
860-865	Same
865-870	SS. white, fn. gn. to lt. gy. fn. gn.
870-875	Same
875-1475	Not described
1475-1485	SS, fn-v. fn, gr-gy & dk. rd., micaceous & sltst, dk. rd.

INTERVAL

LITHOLOGY

1485-1495	SS. & Siltst as above; tr. hematite "ore"
1495-1505	Siltst./v. fn. Ss., dk. rd. brn, micaceous, limy minor fn. SS., gy.
1505-1515	As above 80%. Red; remainder m. gy-m. grn. gy
1515-1525	50-50% rd. and gy. siltst, limy, w/ minor rd. brn. siltst/shale
1525-1535	Shale, gy to gy. gr., limy, thin bdd. w/ v. Argil. Ls. gr. gy. fn. xln fossiliferous., pyritic
1535-1550	Shale & argil. Ls. as above
1550-1555	As above w/ tr. Ss., white, v. fn. gn- (may be cavings)
1555-1565	No sample
1565-1575	Shale, m. dk. grn. gy & ls. m. dk. gy. fn. xln; tr. Ss.
1575-1585	Shale & ls., m. dk. gy. fn xln, fossil. frags.
1585-1596	Shale/mudst. dk. red brn-dk brn gr, limy
1596-1608	Shale/mudstone, as above
1608-1620	As above, w/ more grayish tint
1620-1634	As above
1634-1646	As above, w/ m. gy., fn. xln. argil. Ls.
1646-1655	Red w/ some green shale/mudst., minor ls.
1655-1800	Not described
1800-1813	Ls., m. gy., v. fn. xln-fn. calcarenitic, fossilif. minor white grainy Ls.
1813-1825	Ls., as above, incl. wh. clastic Ls. & fossils (50%) shale, dk. gy., slightly micaceous (50%)
1825-1835	Ls, as above, silty, fossilif.; minor sh.

INTERVAL

LITHOLOGY

1835-1850	Ls. m. gy. v. silty - clastic slightly limy sltst. in part; white, granular Ls.; fossils; ls. m. gy. v. fn. xln.
1850-1862	Ls. clastic, as above; Approx. 50% sh., m. dk. gy. mic., limy
1862-1874	As above
1874-1884	Ls. m. dk. gy. fn - m. fn. xln; & shale dk. gy. slightly limy
1884-1891	As above; tr. slickensides
1891-1899	As above w/ white granular Ls., tr. ls. cemented qtz. grains
1899-1905	As above (no sand)
1905-1917	As above w/ tr. Ss., lime-cemented, Fn. grn. subang. qtz. grains
1917-1925	Ls. & shale w/ brach fossils
1925-1941	Ls. m. dk. gy. m. fn. xln & shale, dk. gy. slightly limy
1941-2201	Not described
2201-2210	Limestone, m. dk. gy. fn. xln. & m. brn. gy. m. xln to m. coarse xln
2210-2220	Ls. m. dk. gy. fn. xln. w/ minor dk. gy shale
2220-2233	Ls. as above, minor shale
2233-2241	Shale, dk. gy slightly limy w/ approx. 20% Ls. as above
2241-2250	Ls. and shale as above, w/ minor Ls. brn.-gy. m. xln
2250-2259	As above, w/ Approx. 10% Ls. brn. gy: brach. fossils
2259-2267	Ls. 50-50 m. dk. gy. fn. xln & m. brn. gy m. fn. xln; minor sh.
2267-2275	As above w/ 60% brn. gy, some m. xln limestone; minor sh. trace dk. brn. chert (Bentonite?)

INTERVAL

LITHOLOGY

2275-2285	Ls, m. brn. gy. & gr.-brn. gy., fn. xln to m. xln, Argil
2285-2293	Ls. brn-gy. & m. dk. gy. fn. xln, w/ minor white Ls. grainy and minor shale, dk. gy.
2293-2299	As above
2299-2305	Ls. m. dk. brn. gy to m. dk. gy., Fn. xln; white oolitic (?) pe et Ls; dk. gy. limy shale (creme colored pelletoidal or oolitic Ls. as trace amts. in 2250-2305' interval)
2305-2745	Not described
2745-2755	Limestone, m. dk. gy., fn. xln to granular, argil, w/ shale, dk. gy, limy; tr. lt. gr. micaceous bentonite & rusty brn. chert.
2755-2763	Shale as above, w/ ls. as above, & ls. lt. brn. to white c. xln.
2763-2770	Ls. & sh. as above; tr. bentonite & chert; fossilif.
2770-2779	Ls. lt. brn-white c. xln; & sh. dk. gy., limy, fossilif
2779-2786	Ls. & shale as above, v. fossilif
2786-2792	As above; some ls. virtually coquina 2763-92
2792-2800	Ls., Lt. brn. white fn.-med xln & ls. m. dk. gy. fn. xln.
2800-2810	Ls., as above, plus ls. m. gy. brn. fn. xln; minor sh.
2810-2817	Ls. m. gy. brn. dense, v. fn. xln & ls. m. dk. gy., fn xln & ls. white
2817-2826	Mostly ls., m. gy.-brn., dense; tr. dk. gy. micaceous bentonite ?
2826-2834	Ls. 50-50% m. gy. brn. & m. dk. gy: chert, m. brn. dense (5%)
2834-2840	As above, tr. chert
2840-2846	Ls. mostly m. dk. gy. brn. fn xln

INTERVAL

2846-2858

LITHOLOGY

ls. as above w/ tr. green bentonite & brn.  
chert

666' Copper Ridge - Maynardville Contact  
(Miller, 1954, p. 500)  
845' Pine Mountain Fault  
845' Hancock Dolomite  
865 CLINTON SHALE → 1210' Clinch Sandstone (Miller, 1954, p. 300)  
1510' Hagan Shale  
1585' Sequatchia Formation  
1850' Reedsville Shale  
2260 Trenton Limestone  
2810 Eggleston Limestone  
Show of Oil Reported in Eggleston