

PIERCE COUNTY WELL LOG #5

Name of Well: Pan-American #1,
Adams-McCaskill
Recorded by: A. C. Munyan,
Title: Geologist
Source of data: Drill-log
Well located: 1½ miles east of
Offerman, Georgia L.L.329
Type of rig: Rotary
Depth: 4375

Owner: Adams-McCaskill
Address: Blackshear, Georgia
Driller: Lofflin Bros.,
Address: Tulsa, Oklahoma
Topography: Flat marine terrace
Elevation: 77 feet
Date started: April 2, 1938
Completed: May 13, 1938

DEPTH

DESCRIPTION

0 - 55	Sand and shells
103	Sand and Shells
120	Sand (121' of 20" cag. set @ 120')
170	Sand
215	Stky, shale and shells
458	Shale and shells
464	Shale
472	Chert and shells
560	Gravel, chert and shells
562	Sand chert shells
568	Sh.
572	Gray chert Shells
600	Chert shells
700	Yellow sdy. lime fossil
710	Yellow limestone w/brown limestone
725	Gravel
822	Yellow limestone
837	Yellow and brown limestone
848	Shells and hd. sand
860	Yellow and brown limestone (13-3/8" cag. @852)
868	Yellow and brown limestone and sd.
870	lm. (reduced hole to 9-7/8
874	Lm.
878	Hard white sand
909	Hard broken sand
941	Hard sand brown
951	Sdy. lm. and shells (Note: lost circulation and hole caved in at 300' — washed down and mixed cotton hulls and beet pulp — also mud clays)
956	Bkn. sd. and shells
965	Bkn. ls. and shells
1025	Gra. and ls.
1100	" " "
1110	Hd. sd. and gray ls.
1145	Gray shells and limestone
1150	Lime and sand
1157	Grav. and shells
1230	Broken ls. and shells
1260	Brown fossil ls.
1280	Broken ls. and shells
1428	White chalky ls.
1450	Hd. sd. (flint)

PIERCE COUNTY WELL LOG #5 (cont.)

<u>DEPTH</u>	<u>DESCRIPTION</u>
1520	Shalky white lm.
1580	Chalk and ls.
1595	Hd. ls. and sd. streaks
1631	Chalk and brown ls.
1753	Bkn. ls. and shells
1770	Sdy. ls. hd.
1800	Bkn. ls. and sd.
1815	Bkn. hd. and soft ls.
1830	Hard limestone w/flint strks.
1842	Broken limestone flint streaks
1866	Hard limestone flint streaks
1867	Flint
1873	Hard limestone, shells
1874	Very hard flint
1885	Limestone w/flint streaks hard
1886	Flint rock
1970	Soft sandy limestone very little sand
2040	Green brittle sh. and sandy sh.
2100	Gray limestone w/black specks
2110	Gray limestone and dark sh.
2115	Hard sd.
2165	Gray sd. and limestone shells (fossil)
2200	Gray sand and green sh.
2225	Green sdy. sh.
2248	Gray lm.
2293	Limestone and sdy, sh. bkn.
2317	Limestone and sandy shale
2317-22	(Core A) 80% recovery - firm to hard, dark gray, calcareous sandy sh.
2322-30	(Core B) Full recovery - hard to firm dark gray calcareous sandy sh.
2354	Sandy limestone and sh. (drilled)
2364	(Core C) 80% recovery hard dark gray calcareous sandy sh.
2374	(Core #1) 75% recovery - dark gray calcareous sandy sh.
2444	Sandy Limestone and sh. (drilled)
2535	Sandy limestone and sh.
2548	Coarse gray sand
2558	(Core #2) - 2' recovery - dark gray tight sandy sh. w/ mica. Note- Top part of core washed out.
2563	(Core #3) full recovery - dark gray tight sandy sh. w/mica.
2752	Sandy limestone and sh. (drilled)
2810 S	Sandy sh.
2925	Dark sh. slightly sandy
2975	Dark calcareous sandy sh.
3020	Dark sh. calcareous and slightly sdy.
3025	Dark sh.
3109	Dark gray sdy. limestone and sh.
3129	Dark sd. and sandy sh. (calcareous)
3135	(Core #4) full recovery - dark firm calcareous sandy sh. w/specks mica.
3156	Dark sandy sh. (drilled)

HERCE COUNTY WELL LOG #5 (cont.)

<u>DEPTH</u>	<u>DESCRIPTION</u>
3164	(Core #5) 2' recovered - dark gray calcareous firm sandy shale w/ specks
3210	Sd. and sh. broken
3221	Dark sh.
3252	Sandy sh.
3252-62	Core #6) full recovery - dark gray soft to firm sandy sh. w/ specks of mica. Sd. very fine grained-shal cal.
3375	Dark gray sandy shall (drilled)
3395	Sandy shall and shells
3477	Dark sh. slightly sandy
3586	Dark sandy shale and shells
3620	Dark shale and shells
3693	Dark sandy shale and shells
3744	Hard dark sh. w/small streaks lime.
3802	Sandy dark sh. and limestone shells
3830	Sandy sh. and limestone
3880	Sandy sh.
3955	Sh. and limestone shells dark
4045	Dark sandy sh. and limestone shells
4055	Firm to hard sand
4060	(Core #7) 2' recovered 4055-57 light gray hard slightly calcareous sandstone. 4057-60 light gray soft micaceous sand, no odor or taste - tested 18,000 salt and parts/million (Core #8) 1' recovered, light gray.
4070	(Core #8) 1' recovered light gray
4080	(Core #9) 1' recovered soft to firm coarse grained white water sand. Note - water does not taste salty.
4130	Sand shall and shells (drilled)
4193	Sand
4200	Sandy sh.
4235	Sand
4238	Hard sand (probably hard calcareous sh.)
4243	(Core #10) 3' recovered - hard dark sh. slightly calcareous on top
4243-46	Hard dark sh. (Drilled)
4253	(Core #11) 4½' recovered - soft to firm light gray micaceous sand fine grained, slightly shy., no odor, looks wet, no taste.
4262	(Core #12) 4' recovered - soft to firm light gray micaceous sand w thin streaks @ 4260', hard streaks fossil, soft sand, tastes slightly salty.
4269	Hard sandy limestone (drilled)
4273	(Core #13) 3' recovered - hard dark gray fossil, micaceous sh. w/hard fossil sandy limestone streaks.
4305	Sandy limestone (drilled)
4308	Sandy limestone
4310	Sandy limestone and sh.
4327	Sandy shale and shells
4328	Soft sand
4332	(Core #14) - full recovery - 4328-29½ light gray soft medium grained sandy no odor, looks wet, no taste. 4329½-32 very hard dark lignitic, slightly micaceous shale.

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<u>DEPTH</u>	<u>DESCRIPTION</u>
4351	Broken sand and shale (drilled)
4358	Hard pink sandy limestone, very hard w/feldspar - Arkosic sandstone, slightly calcareous
4373	Pink and gray hard arkosic sandstone, slightly calcareous
4373½	(Core #15) no recovery - cut very hard, wore core head out
4374	(Core #16) no recovery - cut very hard, wore core head out, used Reed wire line barrel
4374'3"	(Core #17) no recovery - out very hard, used Hughes barrel.
4375	(Core #18) 8" recovered, pink granit w/feldspar. Used Hughes J type core barrel.
4375½	(Core #19 full recovery, pink granit - used Hughes J Type core barrel.
4375½	T. D.