

DIVISION OF MINES, MINING AND GEOLOGY
GEORGIA DEPARTMENT OF NATURAL RESOURCES
RICHARD W. SMITH, DIRECTOR 425 STATE CAPITOL, ATLANTA, GA.

WELL REPORT
Pan American #1 Adams-McCaskill

P1-5-

County: Pierce Name of well: _____ Well No. _____

Recorded by: Spudded 4/2/38 Title: _____

Source of data: Completed 5/13/38

Well located: (24" hole) Elev. 77' D. F. (Aneroid)
_____ miles in a _____ direction from _____ Post Office

1 1/2 miles E of Offerman
on _____ road, or _____ Land Lot. 329 Land Dist. _____ Sec. _____

Owner: Adams-McCaskill Address Blackstar

Tenant: _____ Address _____

Driller: Lofflin Bros Address Tulsa, Okla.

Topography: Flat marine terrace

Elevation: 77 Authority: _____

Date started: 4/2/38 Completed 5/13/38 Type of rig: Rotary

Depth: 437.5 ft. Diam.: _____ in. to _____ ft.; _____ in. to _____ ft.;
_____ in. to _____ ft.; _____ in. to bottom

Casing: Depth _____ ft., Type _____, Finish _____

Water bearing rocks:

Depth _____ ft. to top, Thickness _____ ft., Kind _____, Flow _____ G. M.

Depth _____ ft. to top, Thickness _____ ft., Kind _____, Flow _____ G. M.

Depth _____ ft. to top, Thickness _____ ft., Kind _____, Flow _____ G. M.

Water level: Depth _____ ft. measured from _____, Date _____

Pump: Type _____, Capacity _____ G. M.

Type of power _____ Horsepower _____

Yield: Flow _____ G. M.; Pump _____ G. M.

Drawdown _____ ft. after _____ hrs. pumping at _____ G. M.

Use: _____

Adequacy, Permanence _____

Quality: _____ Temp. _____ °F.

Drillers log

WELL LOG NOTES

Recorded by..... Title.....

Source of data.....

DEPTH IN FEET		KIND OF ROCK, COLOR, HARDNESS	SAMPLE NO.	REMARKS
FROM	TO			
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		

WELL LOG NOTES

Recorded by..... Title.....

Source of data.....

DEPTH IN FEET		KIND OF ROCK, COLOR, HARDNESS	SAMPLE NO.	REMARKS
FROM	TO			
	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 300'---washed down and mixed cotton hulls and beet pulp--also mud clays)		
	956	Bkn sd. and shells		
	965	Bkn. ls. and shells		
	1025	Grav. 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)		
	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		

WELL LOG NOTES

Recorded by..... Title.....

Source of data.....

DEPTH IN FEET		KIND OF ROCK, COLOR, HARDNESS	SAMPLE NO.	REMARKS
FROM	TO			
	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.	
	54	Sandy limestone and sh. (drilled)		
	64	(Core C) 80% recovery hard dark gray calcareous sandy sh.		
	74	(Core #1) 75% recovery--dark gray calcareous sandy sh.		
	2444	Sandy Limestone and sh. (drilled)		
	2535	Sandy limestone and sh.		
	48	Coarse gray sand		
	58	(Core #2)- 2' recovery-dark gray tight sandy sh. w/mica. Note- Top part of core washed out.		
	63	(Core #3) full recovery- dark gray tight sandy sh. w/mica.		
	2752	Sandy limestone and sh. (drilled)		
	2810	Sandy sh.		
	2925	Dark sh. slightly sandy.		
	75	Darl calcareous sandy sh.		

WELL LOG NOTES

Recorded by..... Title.....

Source of data.....

DEPTH IN FEET		KIND OF ROCK, COLOR, HARDNESS	SAMPLE NO.	REMARKS
FROM	TO			
	3020	Dark sh. calcareous and slightly sdy.		
	25	Dark sh.		
	3109	Dark gray sdy. limestone and sh.		
	29	Dark sd. and sandy sh. (calcareous)		
	35	(Core #4) full recovery--dark firm calcareous sandy sh. w/specks mica.		
	56	Dark sandy sh. (drilled)		
	64	(Core #5) 2' recovered--dark gray calcareous firm sandy sh. w/specks		
	3210	Sd. and sh. broken		
	21	Dark sh.		
	52	Sandy sh.		
	3252-62	(Core #6) full recovery--dark gray soft to firm sandy sh. w/specks of mica. Sd. very fine grained-shale cal.		
	3375	Dark gray sandy shale (drilled)		
	95	Sandy shale and shells		
	3477	Dark sh. slightly sandy		
	3586	Dark sandy shale and shells		
	3620	Dark shale and shells		
	93	Dark sandy shale and shells		
	3744	Hard, dark sh. w/small streaks lime.		
	3802	Sandy dark sh. and limestone shells		
	30	Sandy sh. and limestone		
	80	Sandy sh.		
	3955	Sh. and limestone shells dark		
	4045	Dark sandy sh. and limestone shells		
	55	Firm to hard sand		
	60	(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.		
	70	(Core #8) 1' recovered light gray		
	80	(Core #9) 1' recovered soft to firm		

WELL LOG NOTES

Recorded by..... Title.....

Source of data.....

DEPTH IN FEET		KIND OF ROCK, COLOR, HARDNESS	SAMPLE NO.	REMARKS
FROM	TO			
	coarse	grained white water sand. Note---		water
		does not taste salty.		
	4130	Sand shale and shells (drilled)		
	93	Sand		
	4200	Sandy sh.		
	35	Sand		
	38	Hard sand (probably hard calcareous sh.)		
	43	(Core #10) 3' recovered--hard dark sh. slightly calcareous on top.		
	4243-46	Hard dark sh. (Drilled)		
	53	(Core #11) 4 1/2' recovered--hard light gray micaceous, slightly calcareous sand fine grained, slightly shy., no odor, looks wet, no taste.		
	62	(Core #12) 4' recovered--Soft to firm light gray micaceous sand w/thin streaks of dark sh. w/very hard sandy streaks @ 4260', hard streaks fossil, soft sand, tastes slightly salty.		
	69	Hard sandy limestone (drilled)		
	73	(Core #13) 3' recovered--hard dark gray fossil, micaceous sh. w/hard fossil sandy limestone streaks.		
	4305	Sandy limestone (drilled)		
	08	Sandy limestone		
	10	Sandy limestone and sh.		
	27	Sandy shale and shells		
	28	Soft sand		
	32	(Core #14)-full recovery-4328-29 1/2 light gray soft medium grained sand, no odor, looks wet, no taste. 4329 1/2-32 very hard dark lignitic, slightly mica micaceous shale.		
	51	Broken sand and shale (drilled)		
	58	Hard pink sandy limestone, very hard		

Pierce County (Continued)

(x) W.L.L 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

0 - 55

DESCRIPTION

Sand and shells