9-185—July 1935
Revised

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Q—

WELL SCHEDULE

Date January 22, 1947 8-24, 1960 Field No. Q-4

Record by P. E. LaMoreaux JCS Office No. Q-4

Source of data Mose Phillips

D.M. Scroggins

2-19-86
held 299.0C
wit 1 1 4
287

unused
on PWS

1. *Location:* State Alabama County Bullock

Map Co. Road map

SW SE ¼ NE ¼ sec. 32 T 12 N R 24 E

2. *Owner:* Mrs. Cora Phillips Address Smuteye, Ala.

Tenant Address

Driller H. W. Peerson Co. Address Montgomery, Ala.

3. *Topography* Hilltop

4. *Elevation* ~~470~~ 473 ft. above below

5. *Type:* Dug, ~~drilled~~, driven, bored, jetted 1947

6. *Depth:* Rept. ~~1247~~ 1257 ft. Meas. ft.

7. *Casing:* Diam. 4" in., to 53 in., Type Stl. 0 to 1257 Cont

Depth 1247 ft., Finish 201 of 2½" screen 1230 to 1250 ft

8. *Chief Aquifer* Eufaw From ft. to ft.

Others

9. *Water level* 252 ft. rept. meas. 1947 above below

which is ft. above below surface

10. *Pump:* Type Cylinder Capacity G. M.

Power: Kind Elec Horsepower

11. *Yield:* Flow G. M., Pump G. M., Meas., Rept. Est.

Drawdown ft. after hours pumping G. M.

12. *Use:* ~~Dom.~~, Stock, PS., RR., Ind., Irr., Obs. Home

Adequacy, permanence Sufficient

13. *Quality* Good Temp °F.

Taste, odor, color Clear Sample Yes No 8-24-60

Unfit for

14. *Remarks:* (Log, Analyses, etc.) See Drillers log - Cont. diagram

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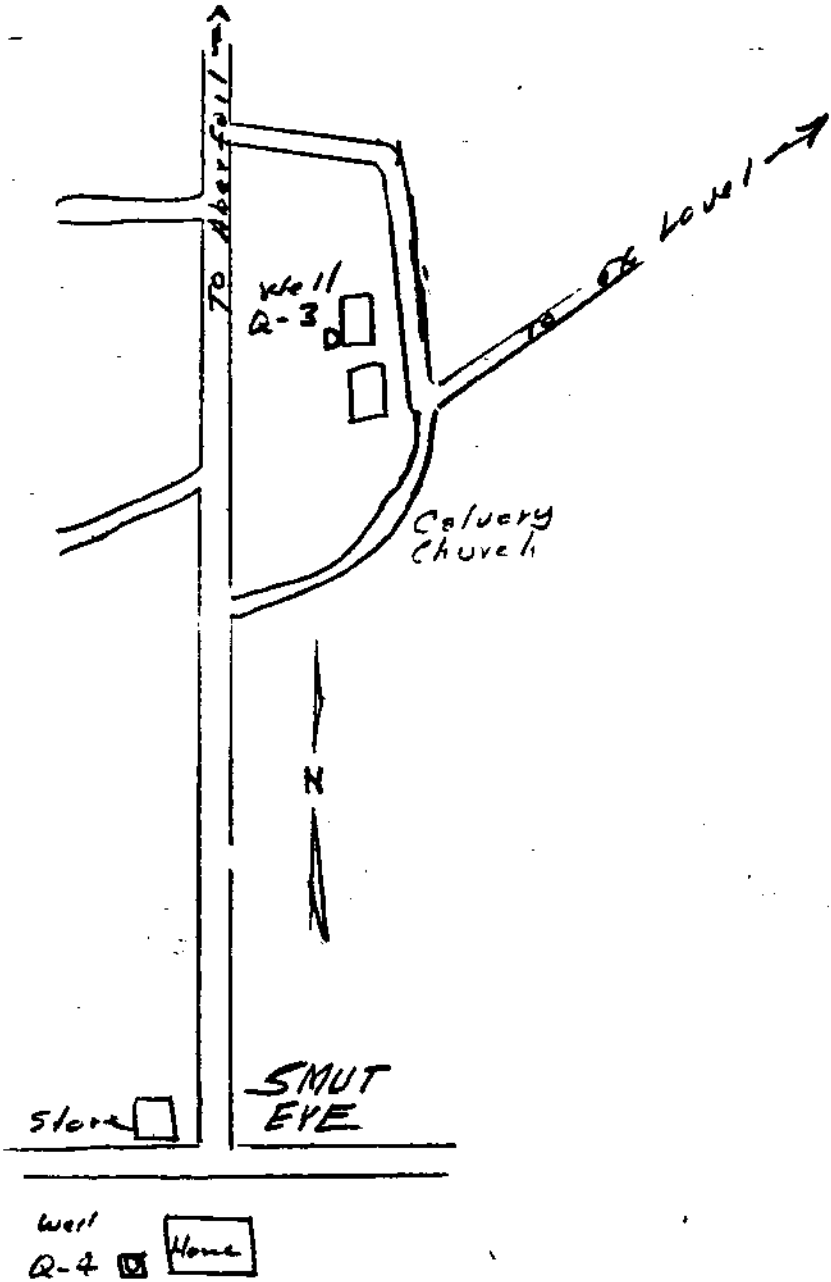

To Aberfoil
Well
Q-3
To Lowell
Calvary
Church
N
SMUT
EYE
Store
well
Q-4
Home

Log

20 0-20	Sandy clay
40 20-60	Blue marl and fine sand
61 60-121	Coarse sandy clay
10 121-131	Sandy clay
20 131-151	Blue marl and sandy clay
50 151-201	Blue marl and clay
45 201-246	Blue marl and sandy clay
20 246-266	Sand and breaks of clay
20 266-286	Sandy clay and blue marl
	Rock - 6"
29 286-315	Sandy clay and blue marl
	Rock - 6"
6 315-321	Sandy clay and blue marl
35 321-356	Tough blue marl
53 356-509	Tough blue marl
77 509-586	Sandy shale
13 586-599	Shale
92 599-691	Sandy shale
90 691-781	Sandy shale and blue marl
12 781-793	Gumbo
15 793-808	Clay with streaks of shale
11 808-819	Streaks of sand and shale
10 819-829	Clay
19 829-848	Shale
2 848-850	Gumbo
17 850-867	Shale
22 867-889	Soapstone (tough)
4 889-893	Shale
20 893-913	Soapstone (tough)
3 913-916	Shale
68 916-984	Soapstone
	Rock - 6"
4 984-988	Shale
1 988-989	Rock
15 989-1004	Soapstone
1 1004-1005	Rock
12 1005-1017	Shale

U. S. GEOLOGICAL SURVEY
P. O. Box 2033
University, Alabama

G.W.
Ala-1

MECHANICAL ANALYSIS REPORT

LOCATION (Well-Outcrop) Smuteye, Alabama

WELL NO. Mrs. Cora Phillips DEPTH 1227 TO 1245

DESCRIPTION OF SAMPLE #3

DATE March 17, 1947 ANALYZED BY Swindel

SIEVE ANALYSIS

WEIGHT 50 grams. TIME 10 min. METHOD

SCREEN NUMBER	GRADE SIZE mm.	WEIGHT RETAINED	WEIGHT PER CENT	CUMULATIVE PER CENT
10	Over – 2.00	0.00	0. 0	0.00
18	2.00 – 1.00	0.65	1.30	1.30
35	1.00 – 0.500	13.96	27.92	29.22
60	0.500 – 0.250	28.79	57.58	86.80
120	0.250 – 0.125	5.39	10.78	97.58
230	0.125 – 0.062	0.60	1.20	98.78
	0.062 – Under	.50	1.00	99.78

TOTAL - - 49.89 gr. 99.78 %

SIEVE LOSS .11 gr. .22 %

1186-1207 med 48% - f 27%

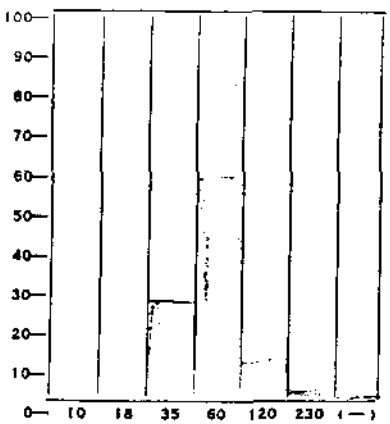
1207-1227 51% c f 40%

1227-1245 58% 28

PERMEABILITY

h	t
10-5	
10-4	

Pm. = _____



POROSITY

_____ %

Q-01 GRID P

LARGE WELL

REPORT OF DRILLED WELL

Larry Weldon 2338, 4832 Weldon Rd. Tallassee, AL 36078
DRILLING CONTRACTOR — License Number — Address — Zip Code — Date 2/2K

International Paper
PROPERTY OWNER — Address (mailing) — Zip Code

WELL LOCATION: Bullock (County) 22 (Section) ¼ Section 12 (N) (Township) 23 (E) (Range) —or—

Distance and direction from nearest town, community, road junction or other reference point

WELL WILL BE USED FOR: ~~Domestic supply~~ ☐ Public supply ☒ Industrial supply ☐ Test well ☐ Irrigation Other: _____

2/2K Estimated starting date

Drilling method: (check) Cable tool ✓ Rotary Jetted Bored Other: _____

6" Diameter of well

1193' Estimated depth

Larry Weldon
SIGNATURE of Drilling Contractor

Total Depth 1193'

Completion Date 2/14/2000

Interval	Description of cuttings	Interval	Description of cuttings
0-20	clay & sand clay red		
20-35	sand & sand clay yellow		
35-129	clay blue		
129-139	sand gray coarse		
139-154	clay blue w/ sandy stats		
154-810	clay blue		
810-935	" w/ rock layers		
935-1050	clay blue		
1050-1053	sand & rock		
1053-1113	sand w/ shale stats		
1113-1123	clay red		
1123-1141	sand coarse white		
1141-1149	clay		
1149-1160	sand white		
1160-1193	clay		

*For deeper well please attach continuation sheet.

Pump — Completion date: report depths below ground level

Type: ☐ Turb. ☒ Subm. ☐ Jet ☐ Cyl.; Other: _____

Intake depth 440' H.P. 20 Yield 150 gpm

Capacity

Tested by: ☐ pumping ☐ air lift ☐ bailing ☐ other

Measured Static Water Level _____ ft.

Measured pumping level _____ ft. after _____ hrs. pumping _____ gpm

Development time prior to testing _____ hrs.

Finish

☐ Open hole ☒ Screened ☐ Slotted pipe ☒ Gravel pk.

Interval(s) screened: 1000 to 1160 ft; _____ to _____; _____ to _____ ft.

Packer(s) set at _____ and _____ ft.

Screen: diam. _____; Size openings _____

Casing

Interval cased	Diam. (inches)	*Type pipe	*Type couplings	Interval grouted
0-1000	6"	PVC		0-20

*Couplings: Threaded & Coupled (T&C) Welded (W) Threaded & coupled & welded (TC&W)

Other: _____

*Pipe: Black; PVC; Galv.; Other: _____

Quality

Water analysis obtained? (check) ☐ No ☐ Bacteriological ☐ Chemical

Analysis by: ☐ Ala Geol. Surv. ☐ U.S. Geol. Surv. ☐ Ala Health Dept. ☐ Private lab.

Signed Larry Weldon

ADEM Form 60 1/83