

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

REPLACEMENT

PUMPED and VERIFIED
ROLL BACK

MASTER CARD

Record by WT. OAKLEY Source of data LAYNE CENTRAL Date _____ Map _____

State Miss. 28 County (or town) Jeff Davis 33

Latitude: 31^{deg} 45^{min} 27^{sec} N Longitude: 08^{deg} 95^{min} 22^{sec} W Sequential number: 2

Lat-long accuracy: 2 T. 9 S. R. 19 W. Sec 11, SW $\frac{1}{4}$, SE $\frac{1}{4}$

Local well number: A006CD1109N19W Other number: Well #2

Local use: 064 Owner or name: Southern Natural Gas

Owner or name: SOUTHERN NATURAL Address: Gwinville, Miss.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other N

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

DATA AVAILABLE: Well data Freq. W/L meas.: original Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: yes no; period:

Aperture cards: yes

Log data: Drillers log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 221 ft 221 Meas. reported 3

Depth cased: 180 ft 180 Casing type: _____; Diam. 8 in 8

Finish: porous concrete, gravel w. concrete, (perf.), gravel w. (screen), (G) horiz. gallery, (H) open end, (I) perf., (J) screen, (K) sd. pt., (L) shored, (M) open hole, (N) other G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot, (F) jetted, (G) air percussion, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other H

Date Drilled: 5-27-51 9511 Pump intake setting: 186 ft 186

Driller: LAYNE CENTRAL, JACKSON Miss.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep D

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 25 Trans. or meter no. _____

Descrip. MP _____ ft above LSD. Alt. MP _____

Alt. LSD: 550 Accuracy: 575 11/20/51 6

Water Level: 106 ft above MP; 106 ft below LSD Accuracy: reported D

Date meas: 10-18-51 051 Yield: 250 gpm 250 Method determined 61

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs 68

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

Well No. A 6

Latitude-longitude _____ N
S
d m s d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 20 21 Section: _____

2 Drainage Basin: 13V 23 25 Subbasin: _____ 24

(D) (C) (E) (F) (H) (K) (L)
Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp,
well site: (Ø) (P) (S) (T) (U) (V) 27
offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: _____ system _____ series TM 28 29 _____ aquifer, formation, group MZ 30 31

Lithology: _____ 45 Origin: _____ 3 Aquifer Thickness: _____ ft

186 35 Length of well open to: _____ ft 30 38 Depth to top of: _____ ft 62 43

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____ Aquifer Thickness: _____ ft

Lithology: _____ 48 Origin: _____ 50

Length of well open to: _____ ft Depth to top of: _____ ft

51 Intervals Screened: 180 - 220 53

Depth to consolidated rock: _____ ft Source of data: _____ 64

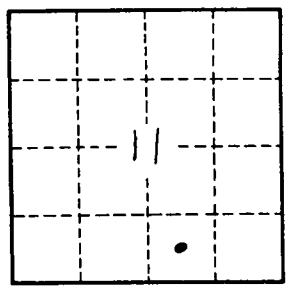
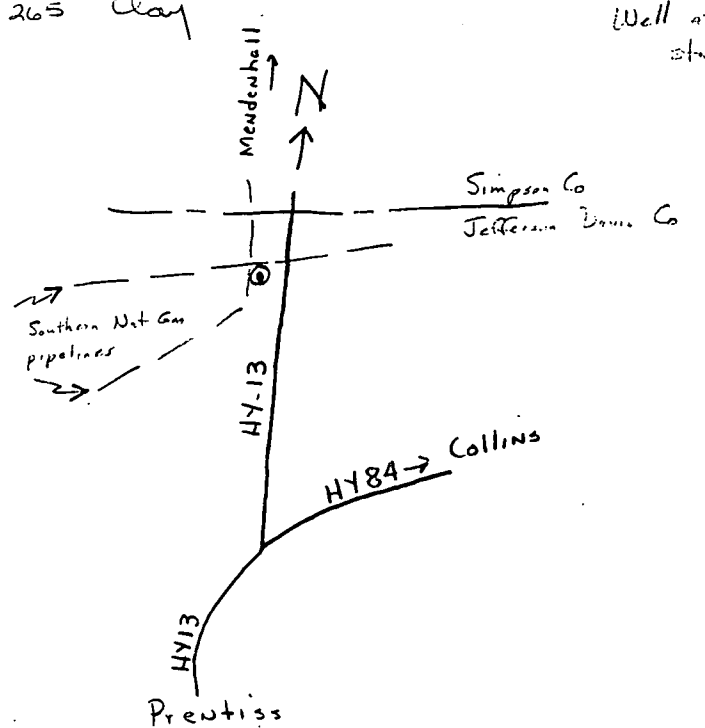
Depth to basement: _____ ft Source of data: _____ 69

Surficial material: _____ 70 Infiltration characteristics: _____ 72

Coefficient Trans: _____ gpd/ft 73 Coefficient Storage: _____ 76 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79

- 0-6 - red sandy clay
- 6-62 - red sand
- 62-108 - white coarse sand
- 108-220 - sand + gravel
- 220-248 - sand gravel + clay balls
- 248-265 - clay



Well at S.N. Gas station

Well No. AG