

WRD Exp. (GW)
April 1966

Well No. A5

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

REPLACEMENT

MASTER CARD

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

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

Latitude: 31 45 27 N Longitude: 08 95 22 8 Sequential number: 1

Lat-long accuracy: 2 T. 9 S, R 19 W Sec 11, SW SE

Local well number: A005CD1109N19W Other number: Well #1

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: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (N)

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other (I)

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed (I)

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: _____

Log data: Drillers log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 192 ft 192 Meas. reported 3

Depth cased; (first perf.): 147 ft 147 Casing type: _____; Diam. 8 in 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, horiz. open perf., screen, sd. pt., shored, open hole, other (S)

Method Drilled: air bored, cable, dug, hyd jetted, air rot., percussion, rotary, reverse trenching, driven, drive wash, other (H)

Date Drilled: 10-2-46 946 Pump intake setting: 156 ft 156

Driller: LAYNE CENTRAL, Jackson, Miss.

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other (T) Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 20 Trans. or meter no. _____

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

Alt. LSD: 550 Accuracy: (source) 6

Water Level 110 ft above MP; Ft below LSD 110 Accuracy: reported D

Date meas: 5-30-60 560 Yield: 156 gpm 156 Method determined (I)

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

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

Sp. Conduct _____ K x 10 6 Temp. _____ °F _____ ppm Date sampled _____

Taste, color, etc. _____

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Latitude-longitude _____
 d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 13V Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (U) undulating, valley flat _____

MAJOR AQUIFER: TM system, series _____ aquifer, formation, group MZ

Lithology: US Origin: 3 Aquifer Thickness: ≥ 71 ft

Length of well open to: _____ ft Depth to top of: 125 ft

MINOR AQUIFER: _____ system, series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: 147 - 192

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

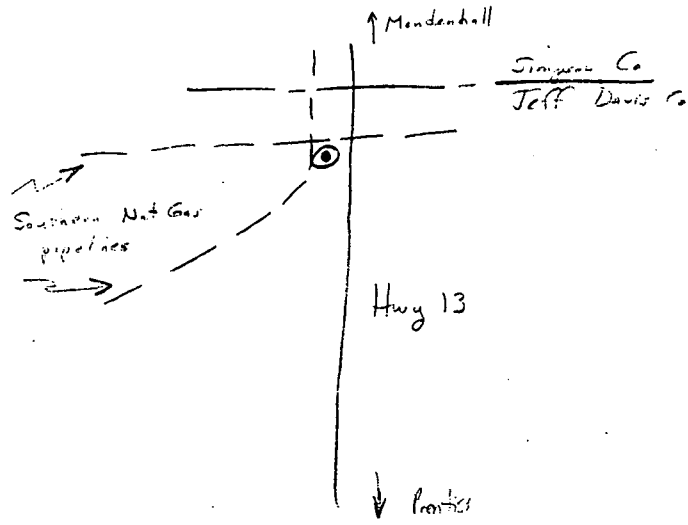
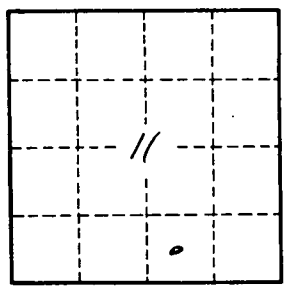
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

- 0-22 - red sand clay
- 22-87 - sand + clay
- 87-125 - Clay streaks of gravel
- 125-147 - Fine sand + gravel
- 147-196 - Coarse sand + gravel



Well at
S. Nat. Gas
station

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