

WRD Exp. (GW)
April 1966

Well No. A5

WELL SCHEDULE

E-log # 133

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by T N Shows Source of data Driller Date 3-3-67 Map Stonewall Quad
Enterprise Quad

State MISSISSIPPI County Clarke (or town) 28 12

Latitude: 32 08 58 N Longitude: 08 85 03 5 Sequential number: 1

Lat-long accuracy: 30 T. 4 S. R. 17 Sec. 35 NW 1/4, NW 1/4, NE/SE/NW/NW

Local well number: A 005 BR 3504 N 14 W Other number: B & M

Local use: 064133 56718 Owner or name: Southern Natural Gas Co.

Owner or name: SOU. NAT. GAS. CO. Address: Enterprise, Miss.

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind P S, Res, (N) N

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

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

(Z) Field aquifer char. Z

DATA AVAILABLE: Well data 0 Freq. W/L meas.: 0

Hyd. lab. data: 0

Qual. water data: type: USGS Complete Chemical Analysis 5-25-67

Freq. sampling: I? I Pumpage inventory: yes 0 no, period: 0

Aperture cards: WLCXL yes 0

Log data: Scale, to 1382 Ft. D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1363 ft 1363 Meas. 3
rept. accuracy

Depth cased: 1320 ft 1320 Casing type: B.I.; Diam. 10x6 in 10

Finish: (C) porous concrete, (F) gravel w. screen, (G) gravel w. screen, (H) horiz. gallery, (I) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 6

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd. rot, (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other 4

Date Drilled: 3-3-67 9:67 Pump intake setting: 50 ft 50

Driller: Layne Central (Stevens), Jackson, Mississippi

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb., (Z) other M Deep 0 Shallow 40

Power (type): diesel, (elec) gas, gasoline, hand, gas, wind, H.P. 30 0 Trans. or meter no. 0

Descrip. MP Center of Air line gauge @ 380 ft 275 above 380 below LSD. Alt. MP 0

Alt. LSD: 260± 260 Accuracy: Topo 20 p.i. 5

Water Level +30 ft +30 Accuracy: 0

Date meas: 4-1-67 N 7 9 Yield: 380 gpm 380 Method determined A

Drawdown: 2:2 Accuracy: 1 Pumping period 2 hrs 0

QUALITY OF WATER DATA: Iron 0.11 Sulfate 1.0 Chloride 68 Hard. 5

Sp. Conduct 375 K x 10 3 Temp. 83 °F 83 Date sampled 5-25-67 567

Taste, color, etc. pH = 8.4

Note - ran pumping test - 5-25-67

Water level
WL = +31.0
11/30/67 SE
19.0

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Latitude-longitude 32 08 58 ^N 088 50 35 _S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain 03 Section: East Gulf

Drainage Basin: Coastal Plain 13P Subbasin: 26

Topo of well site: (D) depression, stream channel, dunes, (C) flat, (E) hilltop, (F) sink, (G) swamp, (H) offshore, pediment, hillside, (I) terrace, undulating, valley flat, (J) F

MAJOR AQUIFER: Tertiary system, Eocene series, TE aquifer, formation, group, Lower Wilcox LW

Lithology: S Origin: 2 Aquifer Thickness: >55 ft

Length of well open to: 55 ft Depth to top of: 40 ft

MINOR AQUIFER: U.S. Origin: 2 Aquifer Thickness: >55 ft

Length of well open to: 55 ft Depth to top of: 40 ft

Screened: 1320 - 1360 - #7 1/2 shutter screen

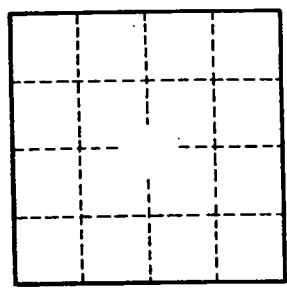
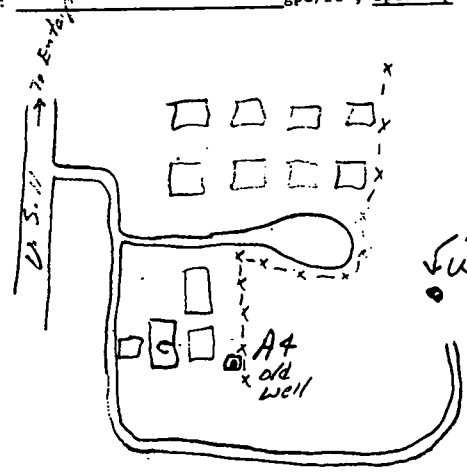
Depth to consolidated rock: 40 ft Source of data: 64

Depth to basement: 43 ft Source of data: 69

Surficial material: 70-71 Infiltration characteristics: 72

Coefficient Trans: 50000 gpd/ft 503 Coefficient Storage: 76-78

Perm: 18 gpd/ft²; Spec cap: 18 gpm/ft; Number of geologic cards: 79



Total depth - 1366'
 Casing - 10" - 1315'
 " - 6" - 108'
 Strainer - 6" - 40' - 7/2 openings.
 B.P. valve - 6" - 6"
 7/2 yard of gravel used.
 Date 4/67. (30)WL (D)

