

WRD Exp. (GW)
April 1966

Well No. L15A

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

TRANSMITTED FOR ADP

✓ 12/23/74
LES

MASTER CARD

Record by R.E. Taylor Source of data R.E. Taylor Date _____ Map _____ County _____

State Miss 28 County (or town) Marion 46

Latitude: 31 14 03 N Longitude: 08 45 03 0 Sequential number: 1

Lat-long accuracy: 2 T. 3 S. R. 18 E. Sec 7, NE 1/4, SE 1/4, _____

Local well number: L015AD0703N18W Other well number: _____ B & M

Local use: _____ Owner or name: U.S.G.S.

Owner or name: U.S. GEOL SURVEY Address: Jackson, Miss.

Ownership: County: (F) Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____ (F)

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, _____
(S) Stock, Instit, (U) Unused, Recharge, Desal-P S, Desal-other, Other _____ (U)

Use of well: (A) Anode, Drain, Seismic, Heat Res, _____
(D) _____
(G) _____
(H) (H) Obs, Oil-gas, Recharge, (T) Test, Unused, Withdraw, Waste, Destroyed, _____ (Z) (Z)

DATA AVAILABLE: Well data Freq. W/L meas.: _____ (N) Field aquifer char. _____

Hyd. lab. data: _____

Qual. water data; type: USGS complete

Freq. sampling: original (P) Pumpage inventory: (no) period: _____

Aperture cards: _____ yes _____

Log data: Drillers _____ (D)

WELL-DESCRIPTION CARD

(F) SAME AS ON MASTER CARD Depth well: 100 ft 100 meas. accuracy _____ (0)

Depth cased: 98 ft 98 Casing type: galv; Diam. _____ in _____

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

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

Date Drilled: June 1966 966 Pump intake setting: none ft _____

Driller: U.S. Geological Survey, Lake Charles, La. address _____

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

Power (type): (e) diesel, (e) nat gas, gasoline, hand, gas, wind; H.P. _____ (5) Trans. or meter no. _____

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

Alt. LSD: 132.95 133 Accuracy: Inst _____ (0)

Water Level _____ ft above _____ below MP; Ft below LSD _____ Accuracy: _____

Date meas: _____ Yield: _____ gpm _____ Method determined _____

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

QUALITY OF WATER DATA: Iron 0.14 (2) Sulfate 0.6 (0) Chloride 4.2 (0) Hard. 20 (1)

Sp. Conduct 60 K x 10⁶ (1) Temp. 69 °F (6.9) Date sampled 6-22-66 (6.66)

Taste, color, etc. _____

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

HYDROGEOLOGIC CARD

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

Plain D Drainage Basin: 13V Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (V) offshore, pediment, hillside, terrace, undulating, valley, flat

MAJOR AQUIFER: Tertiary system, Miocene series, T.M aquifer, formation, group, M.A

Lithology: unconsolidated sand U.S Origin: Deltaic 3 Aquifer Thickness: 130 ft

130 Length of well open to: 2 ft, 2 Depth to top of: 70 ft, 7.0

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: 98-100' brass sand point 60 gauge

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

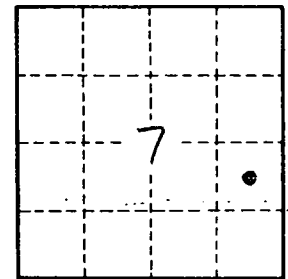
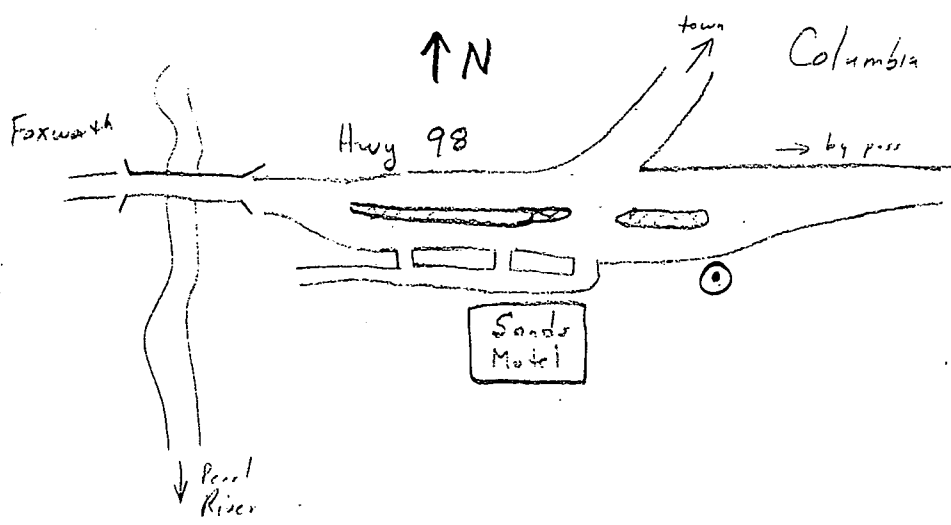
Depth to basement: _____ ft, Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft, Coefficient Storage: _____

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

USGS auger well
Pearl River alluvium study
South Central Miss. project



Well No.

L15A

Well drilled to 100 feet, sampled, then pulled up for water sampling at 90, 80, 70, 50, 30, and 20 foot depths. GPO 857-700