

WRD Exp. (GW)  
April 1966

Well No. D16

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by J. P. Callahan Source of data [irradiation] Date 10-20-67 Map Lauderdale  
E.H. Roswell 12-1-66  
 State Miss County 28 (or town) Lauderdale 38  
 Latitude: 32 31 22 N Longitude: 08 30 58 Sequential number: 2  
 Lat-long accuracy: 3 T. 8 S. R. 17 Sec 24, SE 1/4, NW 1/4  
 Local well number: 016 DB 24 08 N 17 E Other number: \_\_\_\_\_ B & M  
 Local use: \_\_\_\_\_ Owner or name: J. D. Clark & Son  
 Owner or name: J. N. P. I. D. V. & S. P. M. Address: Lauderdale Miss  
 Ownership: County, Fed Gov't, City, Corp or Co., Private, State Agency, Water Dist \_\_\_\_\_ P  
 Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P, S, Rec, \_\_\_\_\_  
 water: (S) (T) (U) (V) (W) (X) (Y) (Z) \_\_\_\_\_ U  
 Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other \_\_\_\_\_  
 Use of (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) \_\_\_\_\_  
 well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed \_\_\_\_\_ U  
 DATA AVAILABLE: Well data \_\_\_\_\_ Freq. W/L meas.: \_\_\_\_\_ Field aquifer char. \_\_\_\_\_  
 Hyd. lab. data: \_\_\_\_\_  
 Qual. water data; type: USGS Complete 12-1-55  
MSBOH Partial 10-22-59  
 Freq. sampling: \_\_\_\_\_ Pumpage inventory: no, period: \_\_\_\_\_  
 Aperture cards: \_\_\_\_\_  
 Log data: \_\_\_\_\_

#### WELL-DESCRIPTION CARD

NAME AS ON MASTER CARD Depth well: 136 ft 136 Meas. accuracy 6  
 Depth cased: \_\_\_\_\_ Casing Type: Steel; Diam. 6 1/4 in 6  
 Finish: porous concrete, gravel w. (perf.), (screen), gallery, end, horz. open perf., (S) sd. pt., shored, open hole, other \_\_\_\_\_ S  
 Method: (A) air bored, (B) cable, (C) dug, (D) hyd, (E) jetted, (F) air percussion, (G) reverse, (H) rotary, (I) trenching, (J) driven, (K) wash, (L) other \_\_\_\_\_ 1  
 Date Drilled: 1967 Pump intake opening: \_\_\_\_\_ ft \_\_\_\_\_  
 Driller: \_\_\_\_\_ name \_\_\_\_\_ address \_\_\_\_\_  
 Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) nose, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other \_\_\_\_\_ Deep \_\_\_\_\_ Shallow \_\_\_\_\_  
 Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 1 1/2 Trans. or meter no. 7  
 Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ below LSD. Alt. MP \_\_\_\_\_  
 Alt. LSD: 220 Accuracy: CI 20  
 Water Level: -9 ft above \_\_\_\_\_ below MP; \_\_\_\_\_ below LSD Accuracy: rept  
 Date meas: 47 Yield: 50 gpm \_\_\_\_\_ Method \_\_\_\_\_  
 Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_  
 QUALITY OF WATER DATA: Iron \_\_\_\_\_ Sulfate \_\_\_\_\_ Chloride \_\_\_\_\_ Hard. \_\_\_\_\_  
 Sp. Conduct \_\_\_\_\_ K x 10 \_\_\_\_\_ Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_  
 Taste, color, etc. Fe Treatment

PUMP VERIFIED INSURANCE BRANCH

Well No. 916

Well No. D16

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD Physiographic Province: D.3 Section: \_\_\_\_\_

Drainage Basin: 13K Subbasin: \_\_\_\_\_

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

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

Lithology: Sand U3 Origin: 1' 2 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ 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: \_\_\_\_\_

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

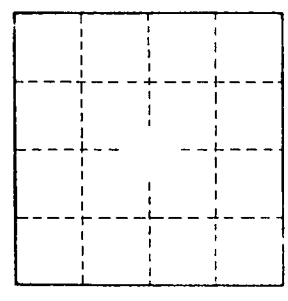
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

*Water Level = - 7.78 w.p./55*



D.16