

Tupelo

WRD Exp. (CA)  
April 1966

Well No. H 47

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

TRANSMITTED FOR ADP

#### MASTER CARD

Record by THOMPSON Source of data Bowc Date 2-23-67 Map \_\_\_\_\_

State 28 County TUPelo (or town) 91

Latitude: 34 15 55 N Longitude: 088 38 09 Sequential number: 1

Lat-long accuracy: 3 T 9 R 6 W, Sec 35 NE 1/4, NW 1/4, NE 1/4

Local well number: H0472A3509506E Other number: 118 B & M

Local use: \_\_\_\_\_ Owner or name: \_\_\_\_\_

Owner or name: DOUG BUCHANAN Address: TUPelo 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: \_\_\_\_\_

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other H

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

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

Hvd. lab. data: \_\_\_\_\_

Qual. water data; type: USGS PARTIAL

Freq. sampling: \_\_\_\_\_ Pumpage inventory: 0 period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes

Log data: DRILLERS D

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 260 ft Meas. DELG accuracy 3

Depth cased: \_\_\_\_\_ ft Casing type: \_\_\_\_\_; Diam. \_\_\_\_\_ in

Finish: porous concrete, gravel w. (screen), gravel w. (perf.), horiz. gallery, open end, open hole, other X

Method: air bored, cable, dug, hyd jetted, air reverse, percussion, rotary, driven, wash, other H

Date Drilled: 960 Pump intake setting: \_\_\_\_\_ ft

Driller: HERNDON name SHANNON address \_\_\_\_\_

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

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

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 300 Accuracy: 1/2

Water Level: 90 ft above MP; 90 ft below LSD Accuracy: 1/2

Date meas: 560 Yield: \_\_\_\_\_ gpm Method determined

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period: \_\_\_\_\_ hrs

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct 230 K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled 3/167 367

Taste, color, etc. \_\_\_\_\_

Well No. H 47

Well No. H 97

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: 03 Section: \_\_\_\_\_

Drainage Basin: D 13C Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: system \_\_\_\_\_ series K3 EUTAW (UNRS) aquifer, formation, group EZ

Lithology: US Origin: G Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft 120 Depth to top of: 140 ft 140

MINOR AQUIFER: system \_\_\_\_\_ series K3 COFFEE SAND aquifer, formation, group CS

Lithology: US Origin: G Aquifer Thickness: \_\_\_\_\_ ft

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

Intervals Screened: NONE

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

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

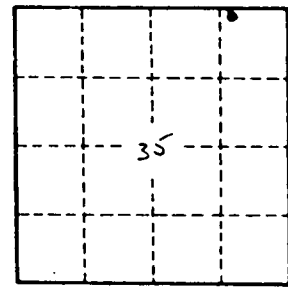
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

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

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

WL 80.0 3/10/67  
WL 83.0 10-4-67

SEE H 96 FOR LOCATION SKETCH



Well No. H 97

H 47  
5-31-60

H-3  
#

WATER WELL DRILLERS LOG

HERNDON WELL & SUPPLY CO.

Date May 31, 19, Driller: F. O. BOX 42 County L  
SHANNON MISSISSIPPI

(1) Owner of Land: Douglas Buschner  
(Name)  
Tupelo Miss.  
(Address)

(2) Location: NE 1/4, NE 1/4, Sec 35 T. 95 R. 6E  
miles East, of Tupelo  
(distance) (direction) (Nearest Town)

(3) Topography: Flat  
(Hilly) (Flat) (Level)

(4) Purpose of Well: Home use  
(Domestic Irrigation  
Municipal, Industrial, Other)

Description & Color of Materials  
Sand, Clay, Red Clay, Shell, etc.

Just in sand  
+ clay  
Blue rock  
sand  
Bottom

Information upon completion of well:

see sketch for 143

(1) Diameter 4 inches.

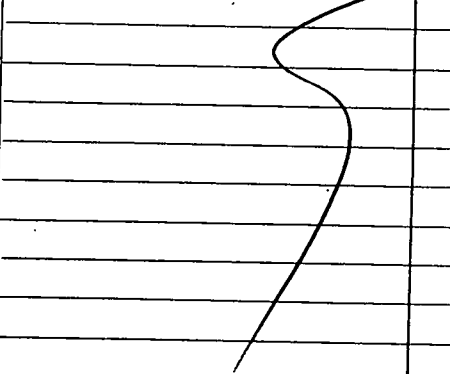
(2) Total Depth 260 feet. 80.0 3/1/67

(3) Water Level 90 feet below top of ground.

(4) Cased to 20' 16", Size 4"

(5) Screen: Size \_\_\_\_\_, Length \_\_\_\_\_

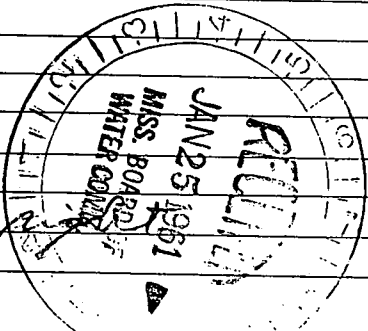
(6) Were any formations sealed against pollution?  
✓ yes, \_\_\_\_\_ no.

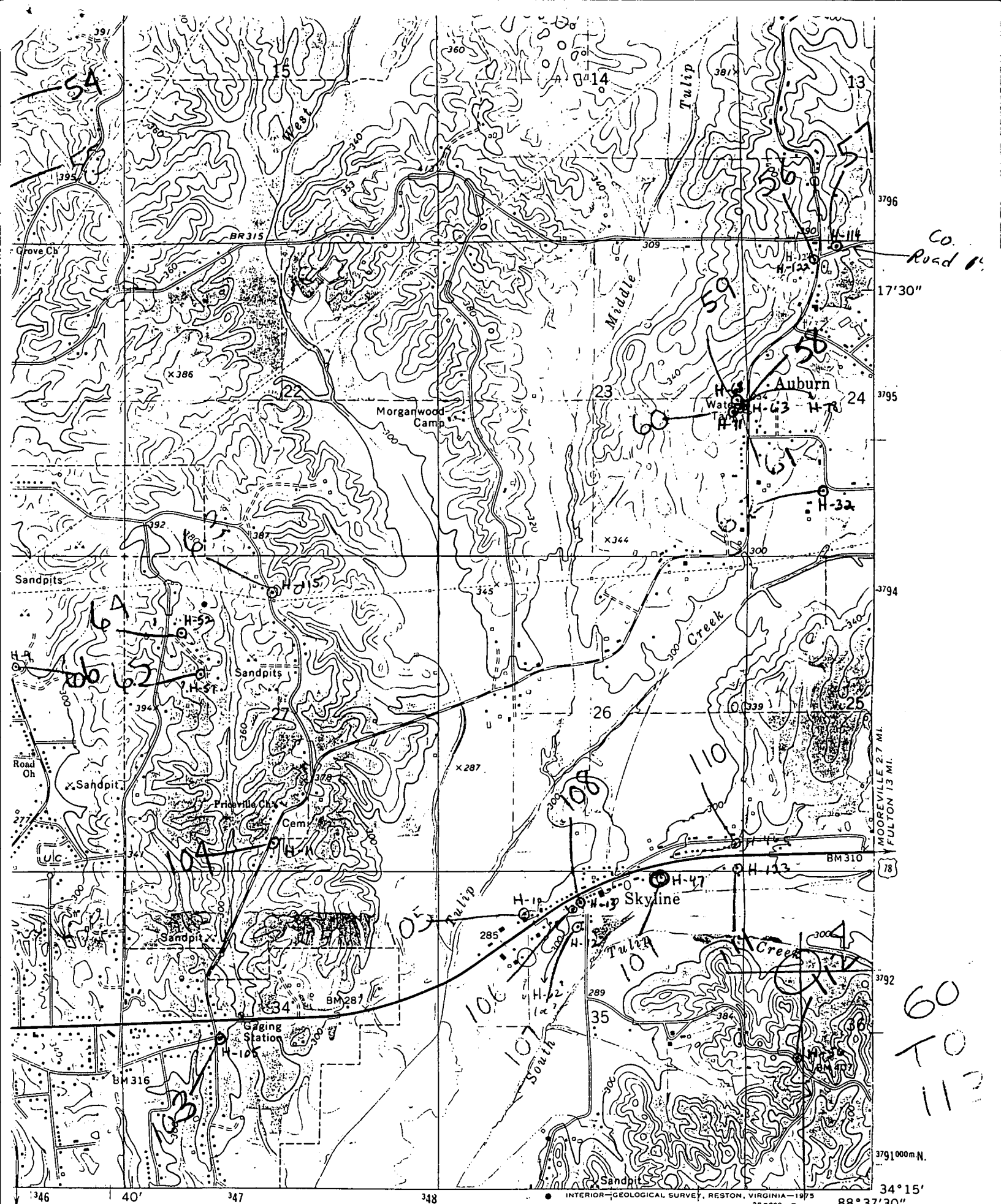


If YES depth of formation 16'

Why Just in + sand

Drillers Remarks: Drick hose on  
was lost however  
set pump 1/2 H.P.





# TUPELO QUAD

## ROAD CLASSIFICATION

- Primary highway, hard surface
- Secondary highway
- Light-duty road, hard or improved surface

1 MILE  
FEET

60  
70  
110

(EVERGREEN)  
3252 II NE

INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA-1975  
350000m.E. 88° 37' 30" 34° 15' 3791000m.N.