

WRD Ex. (GW)  
April 1966

OPSS Hwy 15  
Well

Add to pat

Well No. Chickasaw K37

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PURCHASED

MASTER CARD

Record by B.E. WASSON Source of data SPRING Date 10-15-58 Map Woodland

State MISSISSIPPI County CHICKASAW (or town) 09

Latitude: 33° 51' 36" N Longitude: 089° 00' 53" W Sequential number: 1

Lat-long accuracy: 3 T. 14 S. R. 3 E. Sec. 17 SW 1/4, SW 1/4

Local well number: K0370C1714503E Other number: \_\_\_\_\_

Local use: \_\_\_\_\_ Owner or name: J. D. McALPIN

Owner or name: J. D. McALPIN Address: HOUSTON MISS

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

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

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

DATA AVAILABLE: Well data 3 Freq. W/L meas.: 4 Field aquifer char. \_\_\_\_\_

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory: yes  no  period: \_\_\_\_\_

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

Log data: \_\_\_\_\_

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 130 ft Meas. accuracy 3

Depth cased; (first perf.) 80 ft Casing type: Steel; Diam. 4 in

Finish: (C) concrete, (F) gravel w. concrete, (G) gravel w. (perf.), (H) horiz. gallery, (Φ) open end, (P) perf., (S) screen, (T) shored, (X) (Z) other X

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

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

Driller: \_\_\_\_\_ name \_\_\_\_\_ address \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) (turb.), (P) pump, (R) piston, (S) rot, (T) submerg, (Z) other ✓ Deep  Shallow

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

Descrip. MP TOP CASING 335 1/97 AT ft above below LSD. Alt. MP 320

Alt. LSD: 320 Accuracy: (source) 6

Water Level 63.6 ft above below MP; Ft below LSD 66 Accuracy: A

Date meas: 078 Yield: \_\_\_\_\_ bpm Method determined \_\_\_\_\_

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

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

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

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

well filled  
8/25/87  
green house  
no one tank

11/29/82

70  
3.95  
66.05

TRANSMITTED FOR ADP

Well No.

K37

Well No. K37

Latitude-longitude 33 51.36 <sup>N</sup> 89.00.53 <sub>S</sub>

**HYDROGEOLOGIC CARD**

**Physiographic Province:** 03 **Section:** \_\_\_\_\_

**Drainage Basin:** D **Subbasin:** 13E

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

**MAJOR AQUIFER:** Cretaceous Upper K3 RI

**Lithology:** 3S **Origin:** 6 **Aquifer Thickness:** \_\_\_\_\_ ft

**Length of well open to:** \_\_\_\_\_ ft **Depth to top of:** 80 ft

**MINOR AQUIFER:** \_\_\_\_\_ **Aquifer Thickness:** \_\_\_\_\_ ft

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

**Intervals Screened:** \_\_\_\_\_

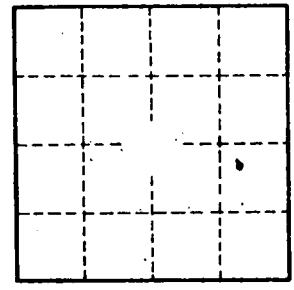
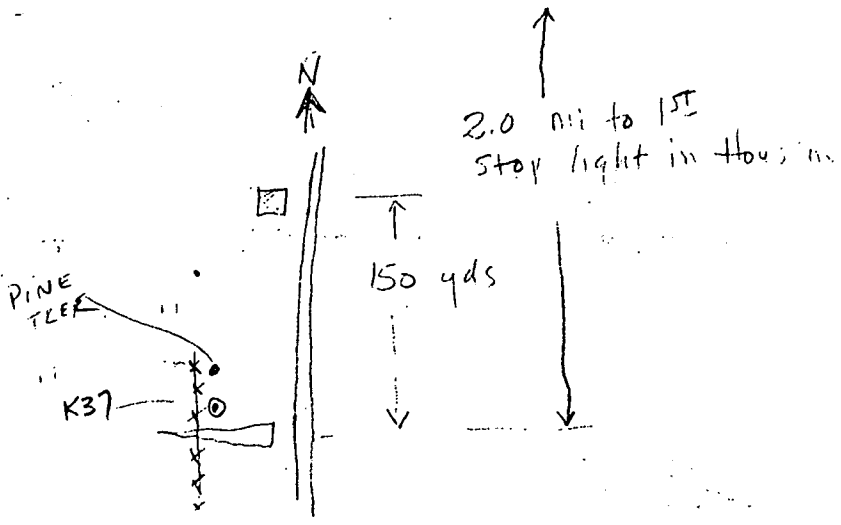
**Depth to consolidated rock:** \_\_\_\_\_ ft **Source of data:** \_\_\_\_\_

**Depth to basement:** 1800 ft **Source of data:** 5

**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:** \_\_\_\_\_



K24 is J.D. McAlphin well by house

Well No. K37

Observation Well

County Chickasaw

Well No. K 37

Owner's Name J O McAlpin PHONE NO. <sup>456</sup> 4447

Location Houston  
(town)

2.5 mi S  
(miles and direction from center of town)

Other description 10 mi S - 1/2 mi W of 15 mi HWY 389

Depth 130 Diameter 4 Date drilled \_\_\_\_\_

Formation Red Bluff Formation

Elev. of lsd 320 Recorder \_\_\_\_\_ Type \_\_\_\_\_ No. \_\_\_\_\_

M.P. Top of casing at \_\_\_\_\_ ft <sup>above</sup> below lsd. Date 1960

M.P. \_\_\_\_\_ at \_\_\_\_\_ ft <sup>above</sup> below lsd. Date \_\_\_\_\_

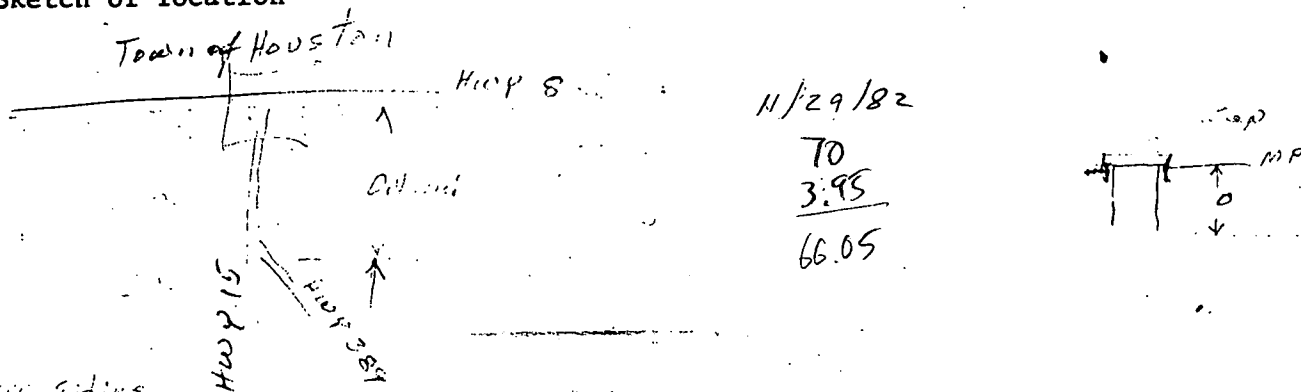
M.P. \_\_\_\_\_ at \_\_\_\_\_ ft <sup>above</sup> below lsd. Date \_\_\_\_\_

Special lift copy of well to map

Water Level 65 (1970) 62 (1972)

Sketch of location

Sketch of well head



11/29/82  
 TO  
 3.95  
 66.05

