

WRD Exp. (GW)
April 1966

REPLACEMENT

Well No. M12

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
ROLLA COMPUTATION BRANCH

TRANSMITTED FOR ADP

MASTER CARD

Record by TN Shows Source of data Webster, D. et al. Date 7-25-61 Map County

State Miss. County Lamar 28 37

Latitude: 310352N Longitude: 0893654 Sequential number: 1

Lat-long accuracy: 2 1 N 16 E 9 SE NW

Local well number: M012DB0901N16W Other number: B & M

Local use: 064 Owner or name: United Gas Pipeline

Owner or name: UNITED GAS PIPE Address: Baxterville, Miss.

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

Use of water: (S) (T) (U) (V) (W) (X) (Y) (Z) N

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: NONE N Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: 1 liter 7-25-61 USGS complete C

Freq. sampling: Original 75 Pumpage inventory: no period: 76

Aperture cards: 77

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 510 ft 510 Meas. accuracy 24 6

Depth cased: 468 ft 468 Casing type: IRON Diam. 6 in 29 30

Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other 31

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd. jetted, (F) air perc., (G) air reverse, (H) air reverse, (I) air reverse, (J) air reverse, (K) air reverse, (L) air reverse, (M) air reverse, (N) air reverse, (O) air reverse, (P) air reverse, (Q) air reverse, (R) air reverse, (S) air reverse, (T) air reverse, (U) air reverse, (V) air reverse, (W) air reverse, (X) air reverse, (Y) air reverse, (Z) air reverse 32

Date Drilled: April 1954 954 Pump intake setting: 33 35 ft 36 38

Driller: Jayne Central, Jackson, Miss

Lift (type): (A) air, (B) bucket, (C) cent. jet, (D) multiple, (E) multiple, (F) multiple, (G) multiple, (H) multiple, (I) multiple, (J) multiple, (K) multiple, (L) multiple, (M) multiple, (N) multiple, (O) multiple, (P) multiple, (Q) multiple, (R) multiple, (S) multiple, (T) multiple, (U) multiple, (V) multiple, (W) multiple, (X) multiple, (Y) multiple, (Z) multiple 39 40

Power (type): (A) diesel, (B) elec., (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) F.P., (I) LP, (J) LP, (K) LP, (L) LP, (M) LP, (N) LP, (O) LP, (P) LP, (Q) LP, (R) LP, (S) LP, (T) LP, (U) LP, (V) LP, (W) LP, (X) LP, (Y) LP, (Z) LP 41 42

Descrip. MP above ft below LSD, Alt. MP 300± 300 Accuracy: topo 47 6

Water Level 176 ft above below MP; F below LSD 176 Accuracy: rpt 52 6

Date meas: April 1954 454 Yield: 4.54 gpm 53 55 Method determined 61

Drawdown: 62 ft Accuracy: 65 Pumping period 66 68

QUALITY OF WATER DATA: Iron 0.07 1 Sulfate 6.8 0 Chloride 6.5 0 Hard. 26 72

Sp. Conduct 254 K x 10⁶ 2 Temp. 69 °F 69 Date sampled 7-25-61 76 77 79

Taste, color, etc. clear

Well No. M12

Well No. M12

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain 0 3 Section: East Gulf

Coastal Plain D Drainage Basin: 1 3 0 Subbasin: 26

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

MAJOR AQUIFER: Tertiary, Miocene T M undifferentiated M Z aquifer, formation, group 30 31

Lithology: Unconsolidated sd U S Deltaic 3 57 ft Aquifer Thickness: 30 31

5 7 Length of well open to: 40 ft 4 0 Depth to top of: 455 ft 4 5 5 35 37 38 40 41 43

MINOR AQUIFER: 44 45 46 47

Lithology: 48 49 50 51 53

Length of well open to: ft 54 56 57 59

Depth to top of: ft 50

Intervals Screened: 468 - 508 4" 0.010" brass

Depth to consolidated rock: ft 60 63 64 Source of data:

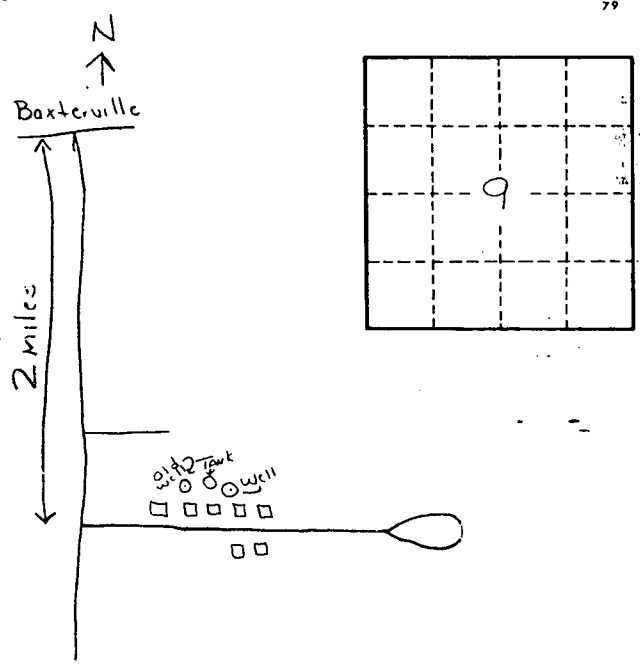
Depth to basement: ft 65 68 69 Source of data:

Surficial material: Sandy Unconsolidated S U 70 71 72 Infiltration characteristics:

Coefficient Trans: gpd/ft 73 75 76 78 Coefficient Storage:

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

- 0-31- Sandy clay
- 31-96- Clay sandy
- 96-165- Sandy clay
- 165-231- Tough Clay
- 231-291- sand
- 291-305- Tough clay
- 305-357- sand
- 357-374- shale
- 374-455- Tough clay
- 455-512- Fine sand



Well No. M12