

Bent Oak

PUNCHED

FORM 9-1642 (1-68)

Well No. E18

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MAR 6 1973

155-5

Water Level
10/3/91
Held 141
Cut 32.43
DIP 45
WR 108.12

MASTER CARD

Record by B.D. Source of data Bowc Date 2-72 Map Bent Oak

State 6 County 28 (or town) Lanarkes 49

Latitude: 33^{deg} 28^{min} 59^{sec} N Longitude: 088^{deg} 34^{min} 39^{sec} W

Lat-long accuracy: 1 T 19 R 16 Sec 25 NE SW

Local well number: E018AC2519S16W Other number: B & M

Local use: 023 Owner or name: GOLDEN HORN RES Address: Col

Ownership: (C) County, (F) Fed Gov't, (M) City, Corp or Co, (N) Private, (P) State Agency, (S) Water Dist P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other C

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

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: yes no; period:

Aperture cards: yes D

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 658 ft Meas. rept 3

Depth cased: (first perf.) 638 ft Casing type: 4x2 1/2 in Diam. 4

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

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

Date Drilled: 9-6-68 Pump intake setting: 36 ft

Driller: Clardy name address

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other Deep Shallow 40

Power (type): nat diesel, elec, gas, gasoline, hand, gas, wind; LP Trans. or meter no. 41

Descrip. MP 55 ft above below LSD, Alt. MP

Alt. LSD: 260 Accuracy: (source) 5

Water Level: ft above below MP; Ft below LSD 48 Accuracy: 52

Date meas: 7-6-68 Yield: 768 gpm Method determined 61

Drawdown: ft 62 Accuracy: 65 Pumping period: 60 hrs 66

QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct K x 10⁵ 73 Temp. °F 74 Date sampled 77

Taste, color, etc. 79

Well No. 11100

HYDROGEOLOGIC CARD

Latitude-longitude _____

SAME AS ON MASTER CARD **Physiographic Province:** 03 Section: _____

Drainage Basin: 13L Subbasin: _____

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group G0

Lithology: _____ Origin: 2 Aquifer Thickness: 20 ft

Length of well open to: _____ ft 20 Depth to top of: _____ ft 638

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: 2 1/2" screen

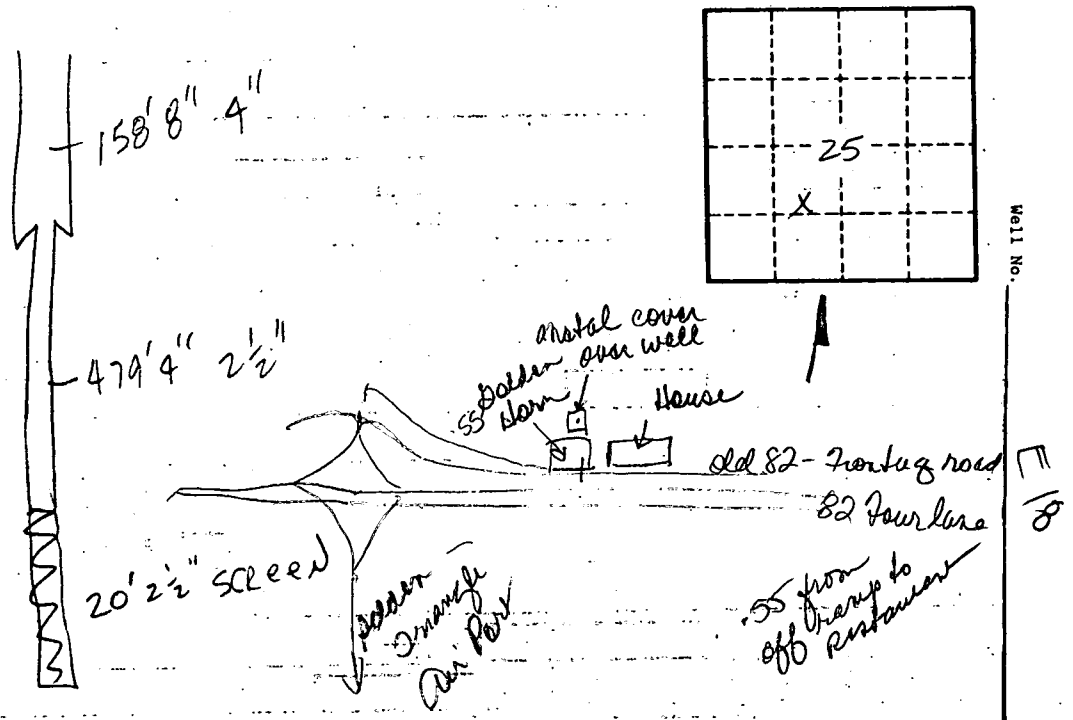
Depth to consolidated rock: _____ ft _____ Source of data: _____

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: _____



Louise
E18
7-68

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

July 1968 Clardy Well Drilling Louise
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>Golden Horn Restaurant</u>	<u>yellow Clay</u>	<u>0</u>	<u>15</u>
	<u>Grey Clay</u>	<u>15</u>	<u>45</u>
	<u>Rock</u>	<u>45</u>	
(mailing address)	<u>Grey Clay</u>	<u>45</u>	<u>245</u>
WELL LOCATION:	<u>Sandy Clay</u>	<u>245</u>	<u>270</u>
sec. <u>25</u> T <u>19</u> N R <u>16</u> E	<u>Rock</u>	<u>270</u>	
S W S W	<u>Fine sand</u>	<u>270</u>	<u>278</u>
<u>8</u> miles <u>W</u> of <u>Cola</u>	<u>Rock</u>	<u>278</u>	
(distance) (direction) (nearest town)	<u>Fine sand</u>	<u>278</u>	<u>313</u>
WELL PURPOSE:	<u>Rock</u>	<u>313</u>	
(home, irrigation, municipal, industrial)	<u>Fine sand</u>	<u>313</u>	<u>340</u>
WELL COMPLETION DATA:	<u>Fine sand & Clay</u>	<u>340</u>	<u>361</u>
(1) diameter (inches)	<u>Blue Clay</u>	<u>361</u>	<u>400</u>
(2) total depth (feet) <u>658'</u>	<u>Fine sand</u>	<u>400</u>	<u>405</u>
(3) static water level (feet) _____ below above top of ground.	<u>Blue Clay</u>	<u>405</u>	<u>407</u>
(4) casing (material) (depth) _____	<u>Fine sand</u>	<u>407</u>	<u>412</u>
(size) If telescope see back.	<u>Clay</u>	<u>412</u>	<u>418</u>
(5) screen (length) (depth to top) _____	<u>Rock</u>	<u>418</u>	<u>420</u>
(size) (material)	<u>Blue Clay</u>	<u>420</u>	<u>490</u>
(6) pump (HP) (yield gpm) _____	<u>Rock</u>	<u>490</u>	<u>491</u>
(type power)	<u>Sandy Clay</u>	<u>491</u>	<u>510</u>
(7) electric log (yes or no) _____	<u>Rock</u>	<u>510</u>	
(organization running log)	<u>Blue Clay</u>	<u>510</u>	<u>520</u>
(8) how well bottom plugged _____	<u>Rock</u>	<u>520</u>	
	<u>Blue Clay</u>	<u>520</u>	<u>525</u>
	<u>Rock</u>	<u>525</u>	
	<u>Mixed Clay & Sand</u>	<u>525</u>	<u>550</u>
	<u>Blue Clay</u>	<u>550</u>	<u>555</u>
	<u>Rock</u>	<u>555</u>	<u>556</u>
	<u>Blue Clay</u>	<u>556</u>	<u>575</u>
	<u>Rock</u>	<u>575</u>	
	<u>Blue Clay</u>	<u>575</u>	<u>580</u>
	<u>Rock & Chalk</u>	<u>580</u>	<u>583</u>
	<u>Blue Clay</u>	<u>583</u>	<u>630</u>
	<u>Sand & Clay</u>	<u>630</u>	<u>633</u>
	<u>Blue Clay</u>	<u>633</u>	<u>638</u>
	<u>Coarse Sand</u>	<u>638</u>	<u>658</u>
DRILLERS REMARKS:			

If well telescopes please sketch and show depths.

GROUND LEVEL

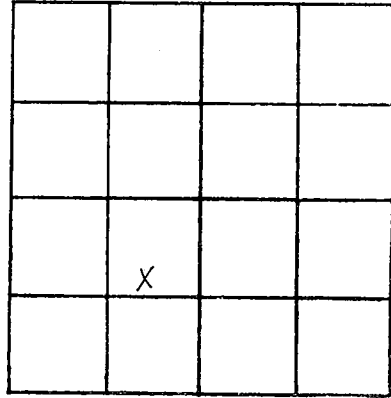
158'-8" - 4" pipe
479'-4" - 2 1/2" pipe

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.



BENT OAK Quad

Tuscaloosa

3251 11 SW
(WEST POINT)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

