

WRD Exp. (GW)
April 1966

Cream colored

Well No. 27

WELL SCHEDULE

Houston West Area

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J.C. Source of data EGUC Date 11/29 Map _____

State TX County (or town) 100

Latitude: 32° 36' N Longitude: 089° 06' W Sequential number: 1

Lat-long accuracy: 5 T. SW S. SE

Local well number: 027 CD Other number: _____ B & M

Local use: _____ Owner or name: E F DYER Address: _____

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed

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: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 300 ft Meas. rept accuracy 3

Depth cased: (first perf.) 280 ft Casing type: _____; Diam. 6 in

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

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd, (F) jetted, (G) air rot., (H) reverse percuss, (I) rotary, (J) trenching, (K) driven, (L) drive wash, (M) other

Date Drilled: 9:6:5 Pump intake setting: _____ ft

Driller: SAM SMITH

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 5 Trans. or meter no. _____

Descrip. MP 290 ft above LSD, Alt. MP _____

Alt. LSD: 310 Accuracy: (source) _____

Water Level 50 ft above MP; Ft below LSD 50 Accuracy: _____

Date meas: 2:6:5 Yield: _____ gpm Pumping period 1:25 hrs Method determined _____

Drawdown: _____ ft Accuracy: _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

5/5/92
38.0
8.40 CH
29.60
37.0 28.60
37.3
29.07
28.17
35
11-30-82
MP: hole in casing
cover plate
11/17/97
WL: 35.
25.0
28.6
26.10

PUNCTURED AND VERIFIED
ROLLBACK TO FIELD BRANCH

August 10
1992
6.50
37.00
8.63
26.37
-1.00
25.37
34.90
6.64
26.36
-1.00
25.36

Well No. 27
5
27
✓

Johnny McGee
7:00

Well No. J 07

Latitude-longitude _____
N S
d m s d m s

HYDROGEOLOGIC CARD

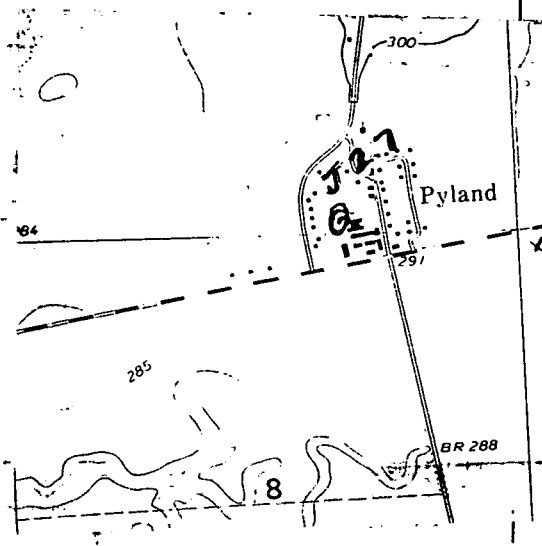
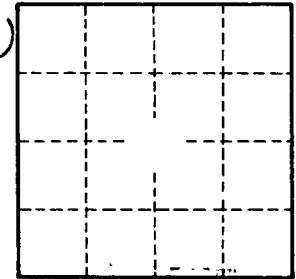
SAME AS ON MASTER CARD
Physiographic Province: 03 Section: _____
Drainage Basin: D Subbasin: 156
Topo of well site: (D) (C) (E) (F) (H) (K) (L) depression, stream channel, dunes, flat, hilltop, sink, swamp, (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat
MAJOR AQUIFER: system _____ series K3 aquifer, formation, group R1
Lithology: 45 Origin: 2 Aquifer Thickness: 20 ft
Length of well open to: _____ ft Depth to top of: 280 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: 40' x 3" Dia 280 - 300 ft
Depth to consolidated rock: _____ ft Source of data: _____
Depth to basement: _____ ft Source of data: _____
Surficial material: _____ Infiltration characteristics: _____
Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____
Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

280 ft of 6 inch
40 ft of 3 inch. (20 ft must be lapped.)

Midway Group { Red clay 0-20 ft
Blk sh Blue clay 20-90
White clay 90-280
→ Ripley Fm Sand 280-300

Test 450 gpm.

Well under 3' high tin house
beside cylindrical tank.



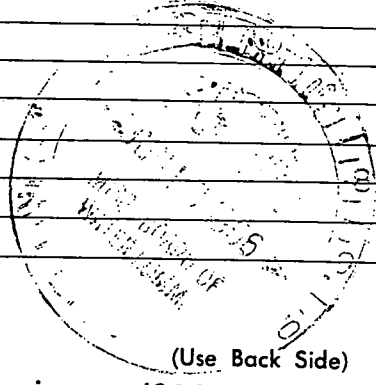
J 27
2-65

WATER WELL DRILLERS LOG

CODED

Date: Feb. 3, 1965, Driller: Sam Smith County Chickasaw
(Name)

(1) Owner of Land: <u>F. J. Dyer</u> (Name)	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
<u>Houston, Miss.</u> (Address)	<u>0-20 Red clay</u>		
(2) Location: <u>5 1452E</u> <u>5</u> miles <u>West</u> of <u>Houston</u> (distance) (direction) (Nearest Town)	<u>20-90 Blk. sh. blue clay</u>		
(3) Topography: <input checked="" type="checkbox"/> (Level) <input type="checkbox"/> (Flat) <input type="checkbox"/> (Hilly)	<u>90-280 white clay</u>		
(4) Purpose of Well: <u>Industrial</u> (Domestic Irrigation Municipal, Industrial, Other)	<u>280-300 white clay</u>		
Information upon completion of well:			
(1) Diameter <u>6</u> inches.			
(2) Total Depth <u>300</u> feet.			
(3) Water Level <u>50</u> feet below top of ground.			
(4) Cased to <u>280 ft.</u> , Size <u>6</u>			
(5) Screen: Size <u>3"</u> , Length <u>40 ft.</u>			
(6) Were any formations sealed against pollution? <input checked="" type="checkbox"/> yes, <input type="checkbox"/> no.			
If YES depth of formation <u>0-50</u>			
Why _____			
Drillers Remarks: _____			



(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 7/31/97

UNIT DEQ #: _____ FILE #: 8073115A

HEALTH DEPT. #: 090009-01 ELEV. 290' ww

USGS #: T27 ww OLWR #: GW14497 ww

Dyer Wood, Inc on permit
OWNER: Pyland W.A QUAD: Houston West

LOCATION: sw/SE S 5 T 14S R 2E COUNTY: Chickasaw

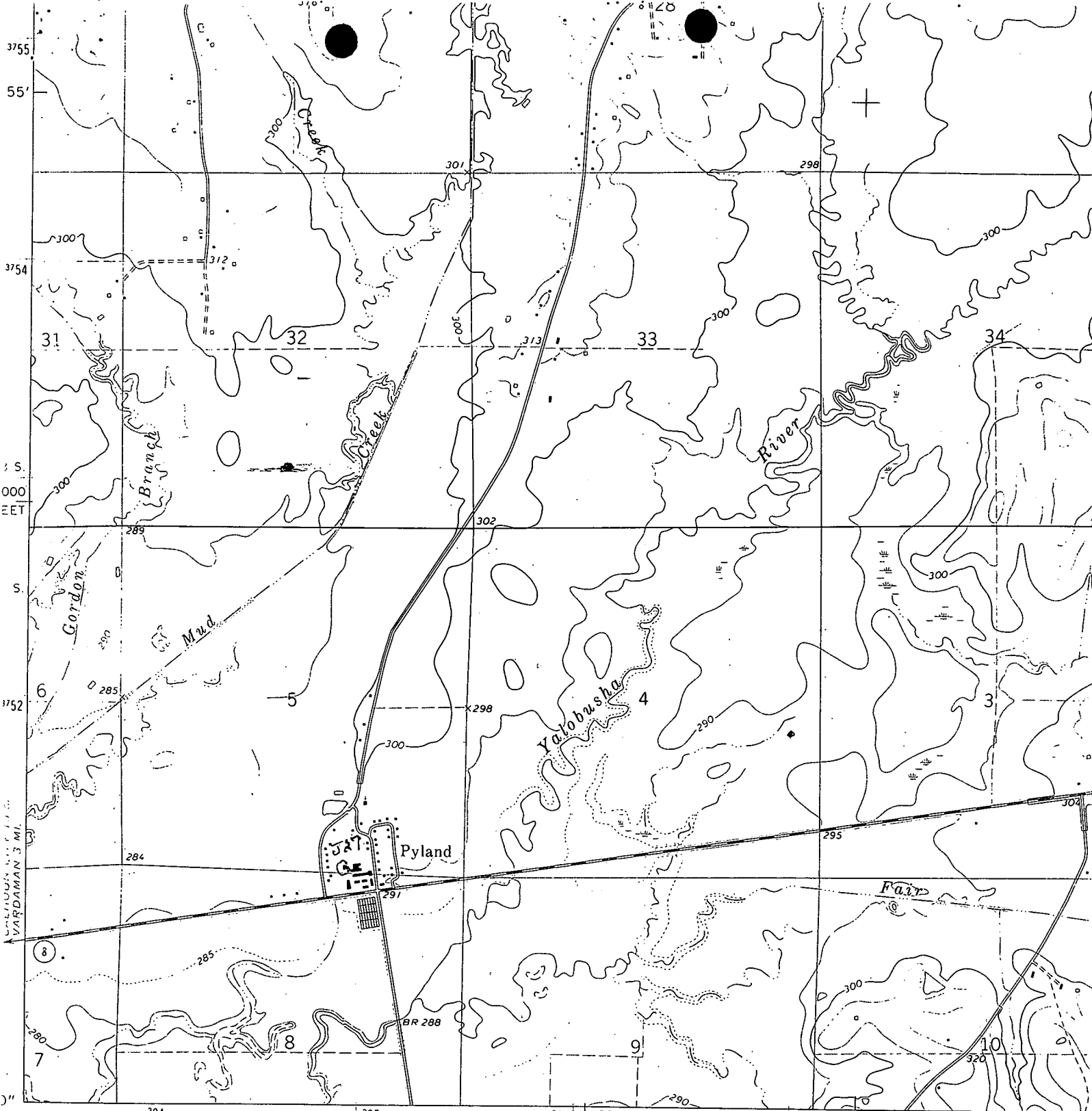
LOCATION DESCRIPTION: At tank on west side of plant
bldg (Dyer Wood Turnings Inc.)

CASING DIA: _____ PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 33° 53' 07.6" N LONG. 89° 06' 26.6" W

GPS CORRECTED LOCATION: LAT. 33.885391 LONG. 89.10811612

REMARKS: _____



Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
 photographs taken 1971. Field checked 1972

Projection and 10,000-foot grid ticks: Mississippi coordinate
 system, east zone (transverse Mercator)
 1000-meter Universal Transverse Mercator grid ticks,
 zone 16, shown in blue. 1927 North American datum

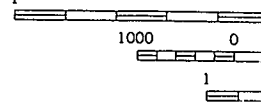
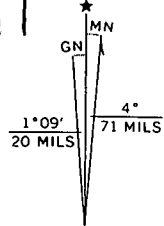
Fine red dashed-lines indicate selected fence and field lines where
 generally visible on aerial photographs. This information is unchecked

Contact: *Johnny McGregor*

Houston West Quad

Elevation: 291

J27



UTM GRID AND 1972 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET

THIS MAP
 FOR SALE
 A FOLDER DESCR