

Use in  
Supplies

WRD Exp. (GW)  
April 1966

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No. 015

JUL 23 1966

WELL SCHEDULE

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

6W01166  
MASTER CARD DON # 020009-01

Record by E. J. Harviny Source of data Layne Central Date 10-22-58 Map Lucedale

State 28 County George Sequential number: 20

Latitude: 30 56 03 W Longitude: 088 34 52

Lat-long accuracy: 30 T. 10 R. 6 Sec 28 SE NE

Local well number: 015 DA 28 01506 W Other number: Well #2

Local use: 064 Owner or name: LUCEDALE

Owner or name: LUCEDALE Address: \_\_\_\_\_

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other Test Hole #2

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.:  Field aquifer char.

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

Qual. water data; type: USGS Complete 12-16-58

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

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

Log data: 2 Test Holes

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1012 Meas. rept accuracy 6

Depth cased: 982 Casing type: \_\_\_\_\_; Diam. 10

Finish: concrete, gravel v. gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other S

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

Date Drilled: 950 Pump intake setting: 167

Driller: Layne Central

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other 7 Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 60 Trans. or meter no.

Descrip. MP MP = BREATHER HOLE above below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: 224 Accuracy: Baro.

Water Level above below MP; above below LSD 119 Accuracy: \_\_\_\_\_

Date meas: 955 Yield: 548 gpm 470 Method determined

Drawdown: 310 Accuracy: \_\_\_\_\_ Pumping period 24 hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron 01 Sulfate 8.4 Chloride 18 Hard. 2

Sp. Conduct 236 K x 10<sup>6</sup> 2 Temp. 72 Date sampled 12/58 8/65 D.58

Taste, color, etc. pH=7.1

TEMP 68 SP. COND 236 P.H. 7.1

P.D.  
10-19-52  
146.00  
17.59  
128.77  
1.29 M<sup>3</sup>  
127.2

Well No. 015

Latitude-longitude \_\_\_\_\_ N  
\_\_\_\_\_ S  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD      Physiographic Province: \_\_\_\_\_ Section: 0.3

Drainage Basin: 130      Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat (F) (H) (K) (L) (P) (S) (T) (U) (V) hillside      27 5

MAJOR AQUIFER: TM MOCN on permit      28 29      aquifer, formation, group      30 31      HA

Lithology: US      Origin: 3      Aquifer Thickness: \_\_\_\_\_ ft      32 33      34

Length of well open to: \_\_\_\_\_ ft      35 37      38 40      30      Depth to top of: \_\_\_\_\_ ft      41 43

MINOR AQUIFER: \_\_\_\_\_      system      series      44 45      aquifer, formation, group      46 47

Lithology: \_\_\_\_\_      Origin: \_\_\_\_\_      Aquifer Thickness: \_\_\_\_\_ ft      48 49      50

Length of well open to: \_\_\_\_\_ ft      51 53      54 56      Depth to top of: \_\_\_\_\_ ft      57 59

Intervals Screened: SS

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

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

Surficial material: \_\_\_\_\_      70 71      Infiltration characteristics: \_\_\_\_\_      72

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

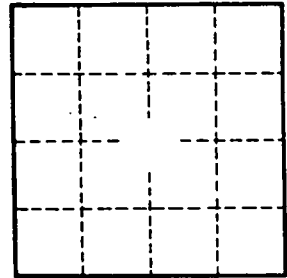
Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_      79

Supplies 600 Customers  
Water sampled at depths of  
876-1017 ft.

WL = 99' rpt (1958)

MUST SEE MR. STT TO GET INTO WELL

GATE TO WELL IS ALWAYS LOCKED



Well No. 015

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Lucedale Quad.

USER NAME(S): Hornbeak Bishop DATE: 7/25/96  
8-3-94  
UNIT DEQ #: 82859 82859 FILE #: B072600B  
0080320A  
HEALTH DEPT. #: 200004-01 ✓ ELEV. 210

USGS #: C-9002 C-15 OLWR #: GW-1166

OWNER: City of Lucedale ✓ Lucedale Quad ✓

LOCATION: SE-NE ✓ SE-NW ✓ S 28 T 15 R 6W COUNTY: George ✓

LOCATION DESCRIPTION: Turn Lt (n.) off old Hwy 98 in Lucedale onto Depot Rd  
Go .5 mi. To Water Water Rd, Turn Lt. Go .2 mi. to Dirt Rd  
With locked Gate. Go .2 mile to Water Plant on Lt.

CASING DIA: 16" ✓ PUMP TYPE & SIZE: 75 hp Elec ✓

GPS FIELD LOCATION: LAT. 30° 55' 58.6" LONG. 88° 34' 54.9"  
30° 56.120 88° 34.887

GPS CORRECTED LOCATION: LAT. 30.93314319 LONG. 88.58198913

REMARKS: GPS at well  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW  
FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI**

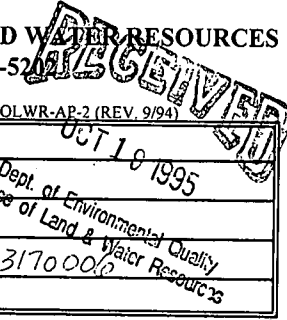
DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES  
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5200

This box is for office use only.

1-23-96 AGN.

FORM OL.WR-AP-2 (REV. 9/94)

Issued: <u>1-28-86</u>	Expires: <u>1-28-2006</u>	Fee Paid: <input checked="" type="checkbox"/>	Permit No. <u>GW-1166</u>
Lat. <u>ON</u>	Long. <u>ON</u>	Elev. <u>200</u>	USGS No. <u>03170000</u>
Quad. <u>Lucedale</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MOCN</u>	Tract No.		Basin No. <u>03170000</u>
Remarks:			Dam Inv. No.



THIS APPLICATION IS FOR (Circle one): **NEW PERMIT** RENEWAL - PERMIT NO. GW-1166

THIS APPLICATION IS FOR (Circle one): **GROUNDWATER - COMPLETE A,B,E** LWM  
**SURFACE WATER - COMPLETE A,C,D,E**

BENEFICIAL USE (Circle one or more): 1) Public Supply - Municipal, Rural Water, or Private Water 2) Irrigation  
3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino, Restaurant) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: \_\_\_\_\_

**SECTION A** (to be completed by ALL APPLICANTS)

LANDOWNER: City of Lucedale 64-6009588  
(Name) (SSN or Tax ID No.)  
City Hall, 5126 Main Street  
(Address)  
Lucedale Ms 39452 (601) 947-2082  
(City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

*NO MAP*

SAME  
(Name) (SSN or Tax ID No.)  
(Address)  
(City) (State & Zip) (Telephone)

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):

SE 1/4 of the NE 1/4 of Section 28, Township 1S, Range 6W, County George

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit number: Additional 500 GPM well operating alternately with this well.

**SECTION B** (to be completed for GROUNDWATER SOURCE)

- AQUIFER: MOCN MISSISSIPPI DEPARTMENT OF HEALTH NO.: 200004
- Proposed work will begin on \_\_\_\_\_, 19\_\_\_\_, and will be completed by \_\_\_\_\_, 19\_\_\_\_  
If well has already been drilled, when was well completed (date)? November 18, 1950. Under whose name was well originally drilled (if known)? Unknown
- Description of proposed or completed well:
  - DEPTH OF WELL: 1012 feet. DRILLER: \_\_\_\_\_
  - SURFACE CASING: Length Unknown feet; Diameter 10 inches; Type Unknown
  - SCREEN: Length Unknown feet; Diameter 8 (est) inches; Type Unknown
  - PUMP: Type Westinghouse, Size 60HP-1758RPM, Capacity 548GPM gallons per minute; Setting depth 167 feet
  - POWER UNIT: Type \_\_\_\_\_; Size \_\_\_\_\_ horsepower
- PERMITTED VOLUME:
  - \_\_\_\_\_ acre feet per year at a maximum rate of \_\_\_\_\_ gallons per minute
  - 2.3 million gallons per day at a maximum rate of 548 gallons per minute

12-19-95  
548  
**(CONTINUED ON BACK)** 548

**SECTION C** (to be completed for **SURFACE WATER SOURCE**)

- Source of water is from \_\_\_\_\_ which drains into \_\_\_\_\_  
which drains into \_\_\_\_\_  
(major stream or river)
- Description of pump/diversion works:  
Pump (size & type): \_\_\_\_\_ Power Unit (size & type): \_\_\_\_\_  
Lift: \_\_\_\_\_ feet Maximum capacity: \_\_\_\_\_ gallons per minute
- \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute

**SECTION D** (to be completed for **SURFACE WATER IMPOUNDMENTS (DAMS)** on continuously flowing streams)

- Name of storage reservoir: \_\_\_\_\_ Dam Height: \_\_\_\_\_ feet
- Surface area at normal pool: \_\_\_\_\_ Storage capacity at normal pool: \_\_\_\_\_ acre-feet

**SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)**

- IRRIGATION:** List the number of acres of each crop to be irrigated: Rice \_\_\_\_\_; Cotton \_\_\_\_\_; Oats \_\_\_\_\_; Corn \_\_\_\_\_; Soybeans \_\_\_\_\_; Pasture \_\_\_\_\_; Truck \_\_\_\_\_; Wheat \_\_\_\_\_; Grain Sorgum \_\_\_\_\_; Other (specify) \_\_\_\_\_ Acres \_\_\_\_\_

A. Method of Irrigation (circle one) - Center Pivot Flood Furrow

B. Land Condition (circle one) - Precision Land Formed Smoothed

C. ASCS Farm No. \_\_\_\_\_ Tract No. \_\_\_\_\_

- FISH CULTURE:** Explain how water will be used: \_\_\_\_\_  
How often will reservoir (s) be emptied and refilled? \_\_\_\_\_

**3. MUNICIPAL WATER ASSOCIATION, or PRIVATE WATER SYSTEM**

Chose "a" or "b". (a) The number of people served is \_\_\_\_\_ or (b) The number of connections is 1133

What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years?  
0.52 MGD 1995 0.53 MGD 2000 ; 0.54 MGD 2005 0.55 MGD 2010  
(Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year)

- INDUSTRIAL:** If the water is to be released into a watercourse, indicate the amount released each year \_\_\_\_\_;

Rate of release \_\_\_\_\_; NPDES Permit No. \_\_\_\_\_

Explain any changes in quality of water to be released: \_\_\_\_\_

Explain how water will be used: \_\_\_\_\_

How much groundwater will be used for once-through non-contact cooling? \_\_\_\_\_

- RECREATION:** Explain how water will be used: \_\_\_\_\_

- OTHER USE:** Explain in detail (if needed, attach another page): \_\_\_\_\_

- REMARKS:** This well is known as Well #1 and alternates with Well #2 at same location.

List below the person to be contacted for additional information if required.

Eddie Pitts

(Name)

5126 Main Street

(Address)

Lucedale, Ms 39452

(City, State, Zip)

(601) 9472082

(Telephone)

The accompanying map is hereby declared a part of this application. For irrigation and fish culture use, an ASCS photograph is required. The **TEN DOLLAR (\$10.00)** permit fee is enclosed herewith.

Eddie Pitts  
(Signature)

Subscribed and sworn to before me this 17 day of Oct, 1995, at Lucedale, Ms County of George

My commission expires December 14, 1996; Kathly Johnson Notary Public.

