

WELL SCHEDULE GEOLOGICAL SURVEY

Elog # 165

WATER RESOUR

PUNCHED

U. S. DEPT. OF THE INTERIOR

MASTER CARD

Record by Q Source of data Bowc MSGS Date 10/73 Map Louin 2520 **MAR 18 1974**

State MISS 28 County (or town) JASPER 31

Latitude: 32 04 21 N Longitude: 08 91 52 W Sequential number: 1

Lat-long accuracy: 2 3 0 10 0 27 SW NE NW SE

Local well number: F0208D2703N10E Other number: #2

Local use: 184 Owner or name: Louin Address: \_\_\_\_\_

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

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

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 W

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

Hvd. lab. data: \_\_\_\_\_

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

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

Core cards: \_\_\_\_\_

Log data: Elog 28' - 1170' D/E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 838 ft Meas. rept 3

Depth cased: 787 ft Casing type: \_\_\_\_\_; Diam. 12 1/4 x 8 in 12

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

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

Date Drilled: 8-21-73 9-7-73 Pump intake setting: \_\_\_\_\_ ft

Driller: Griner Drig.

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 50 V Trans. or meter no. \_\_\_\_\_

Descrip. MP 415 B/T ft above LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 415 Accuracy: (source) topo 4

Water Level: \_\_\_\_\_ ft above below MP; \_\_\_\_\_ ft above below LSD 148 Accuracy: \_\_\_\_\_ D

Date meas: 073 Yield: \_\_\_\_\_ gpm 350 Method determined \_\_\_\_\_

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

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. \_\_\_\_\_

MS DOH  
310007-01

66-1310

10/30/89  
187.26

155  
15.33  
MP 166.67  
2.4  
164.27  
415  
164  
251

Well No.

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

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: 03 Section: \_\_\_\_\_

Drainage Basin: D 1130 Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series TE \_\_\_\_\_ aquifer, formation, group SPRT \_\_\_\_\_ SS

Lithology: \_\_\_\_\_ S Origin: \_\_\_\_\_ 2 Aquifer Thickness: 60 ft

Length of well open to: \_\_\_\_\_ ft 51 Depth to top of: \_\_\_\_\_ ft 780

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: \_\_\_\_\_

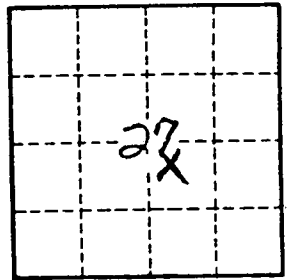
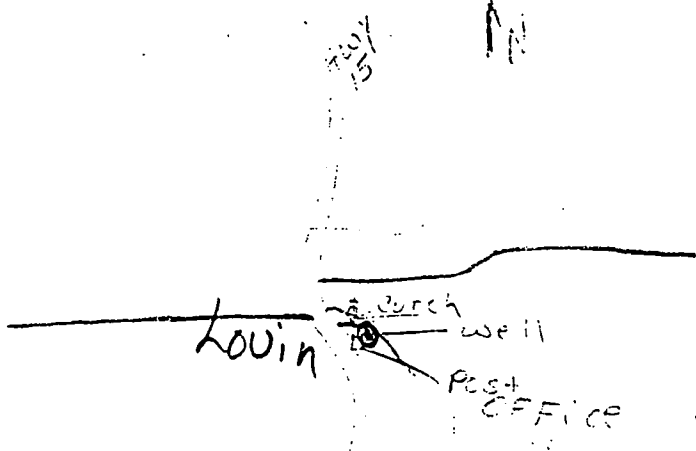
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

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



note - 2 wells  
one abandoned  
one used  
measure used well

Well No. \_\_\_\_\_

JASPER  
10-73  
E20  
Log # 165

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

WATER WELL DRILLERS LOG

CODE

82 T. 1973 GRINER DRILLING SERVICE JASPER  
date well completed firm name county well located

LANDOWNER: TOWN OF  
LOVIN, WELL NO. 2  
LOVIN, MISS.  
(mailing address)

WELL LOCATION:  
sec. 27 T. 30 N. R. 10 E.  
S W  
(distance) miles (direction) of (nearest town)

WELL PURPOSE:  
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

- (1) diameter (inches) 12 3/4"
- (2) total depth (feet) 838'
- (3) static water level (feet) 148' below top of ground.
- (4) casing B.I. 772' (material) (depth)  
12 3/4" (size) If telescope see back.
- (5) screen 51' 787' (length) (depth to top)  
8" 309 S.S. .020-60 mesh (size) (material)
- (6) pump 50 350 (HP) (yield gpm)  
Elect. (type power)
- (7) electric log Yes (yes or no)  
M.G.S. (organization running log)
- (8) how well bottom plugged Back Wash Valve

description of formations encountered	from	to
Top Soil + red Sand	0	3
Clay	3	15
Clay	15	22
Sand	22	42
Clay hard	42	342
Sand (w/ clay streaks)	342	434
Clay	434	670
Sand	670	728
Clay	728	773
Sand	773	836
Clay	836	850
Sand	850	878
Clay	878	882
Sand with lignite streaks	882	946
Clay	946	952
Sandy Clay	952	982
Clay	982	1170

CODE

DATE 31 1973

MISC. BY WATER CO.

DRILLERS REMARKS:

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 8/8/96

UNIT DEQ #: 82859 FILE #: B080819B

HEALTH DEPT. #: 310007-01 ELEV. \_\_\_\_\_

USGS #: E20 OLWR #: GW-1310

OWNER: Louin Water Works QUAD: Louin

LOCATION: NW-SE S 27 T 3N R 10E COUNTY: Jasper

LOCATION DESCRIPTION: AT Elev Tank ON East side of Hwy 15  
(Louin) (Behind East of Louin Post office.)

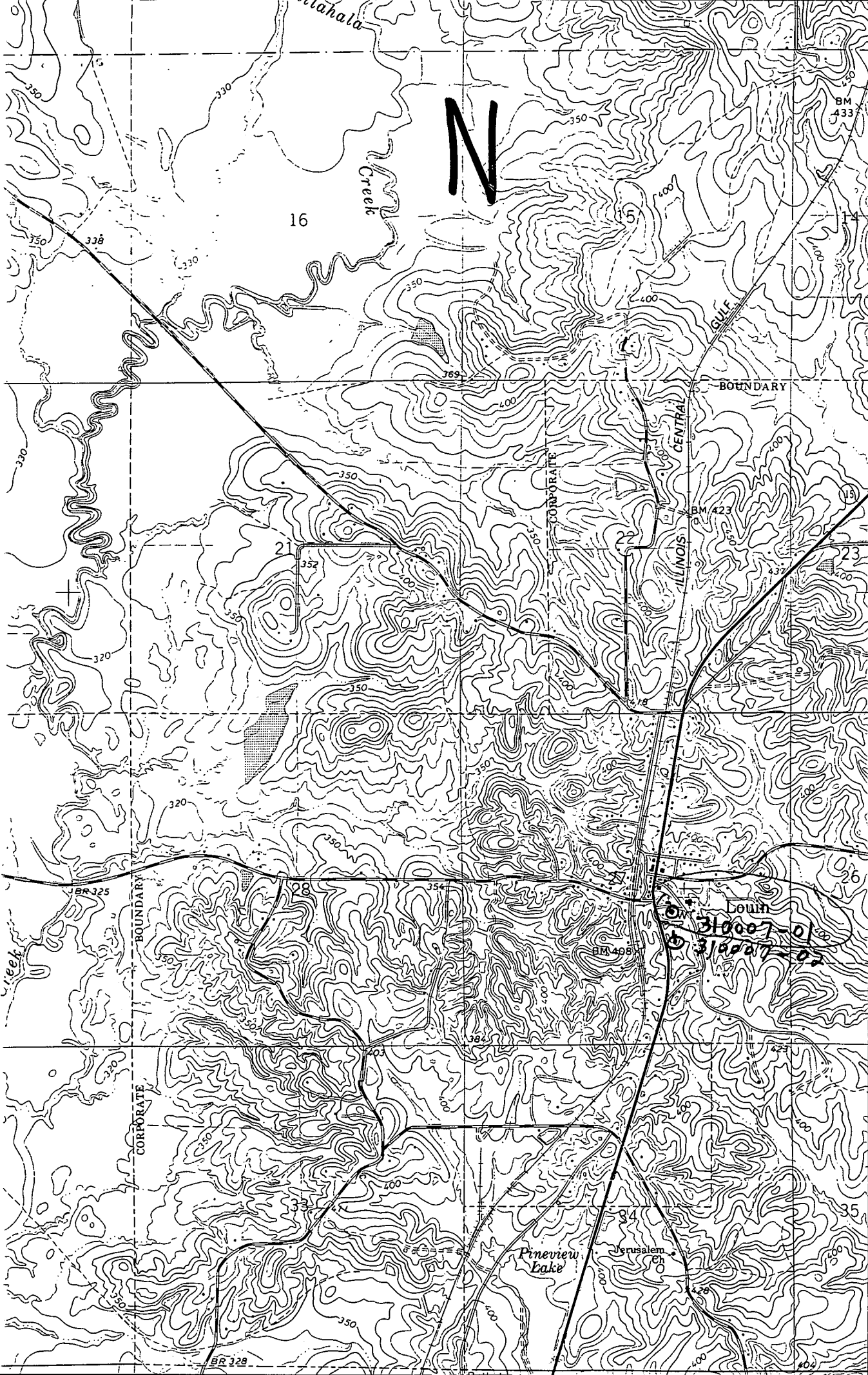
CASING DIA: 12" PUMP TYPE & SIZE: 50 HP Elec.

GPS FIELD LOCATION: LAT. 32° 04' 11.1" LONG. 89° 15' 36.9"

GPS CORRECTED LOCATION: LAT. 32.06952851 LONG. 89.26006397

REMARKS: GPS at well,

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



3554  
3553  
3552  
5'  
3551  
3550  
3549  
3548  
T. 3 N.

NEWTON 20 MI.  
(MONTROSE SOUTH)  
3148 II SW

310007-01  
310007-02

*Louis Quad*

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