

L794TT  
23 PUNCHED

FORM 9-1642  
(1-68)

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

WELL SCHEDULE  
GEOLOGICAL SURVEY

Elog # 82

JAN 30 1975

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD

Record by WTO Source of data Obs. driller Date 2/70 Map Brooklyn

State 28 County (or town) Forest 18

Latitude: 31° 10' 13.5" N Longitude: 089° 09' 31" W Sequential number: 1

Lat-long accuracy: 2' T. 49 R. 12 Sec 25 NW 1/4, NW 1/4, NW 1/4

Local well number: L048B250N12W Other number: \_\_\_\_\_

Local use: 184082 Owner or name: ASH NURSNEY

Owner or name: U S FOREST SERV Address: BROOKLYN MISS

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Inatit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other I

Use of well: (A) 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: \_\_\_\_\_

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

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

Log data: Elog 100' - 765' D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 720 Meas. 3

Depth cased; (first perf.): 660 Casing type: \_\_\_\_\_; Diam. 6x4 in 6

Finish: porous concrete, gravel w. concrete, (perf.), (F) gravel w. screen, (G) horiz. gallery, (H) open end, (I) perf., (J) screen, (K) sd. pt., (L) shored, (M) open hole, (N) other 3

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse percussion, (G) rotary, (H) reverse trenching, (I) driven, (J) drive wash, (K) other 7

Date Drilled: 2-18-70 970 Pump intake setting: \_\_\_\_\_ ft 36 38

Driller: GRINER DRLG. SERV. COLUMBIA MISS.

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 5 Deep 5 Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 1 1/2 T Trans. or meter no. \_\_\_\_\_

Descrip. MP 281 ft above LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 275 Accuracy: (source) topo 4

Water Level: 170 Accuracy: \_\_\_\_\_ D

Date meas: 370 Yield: 25 Method determined 61

Drawdown: \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period: \_\_\_\_\_ hrs 66 68

QUALITY OF WATER DATA: Iron \_\_\_\_\_ Sulfate \_\_\_\_\_ Chloride \_\_\_\_\_ Hard. \_\_\_\_\_ 72

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> \_\_\_\_\_ Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled 1/7/74 77 79

Taste, color, etc. \_\_\_\_\_

PUNCHED AND RECORDED

Well No.

L23

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

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** 03 Section: \_\_\_\_\_  
 Physiographic Province: \_\_\_\_\_  
D Drainage Basin: 1310 Subbasin: \_\_\_\_\_

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

**MAJOR AQUIFER:** \_\_\_\_\_ system \_\_\_\_\_ series TM \_\_\_\_\_ aquifer, formation, group m:z

**Lithology:** \_\_\_\_\_ US Origin: \_\_\_\_\_ 3 Aquifer Thickness: 100 ft

Length of well open to: \_\_\_\_\_ ft 60 Depth to top of: \_\_\_\_\_ ft 594

**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: \_\_\_\_\_

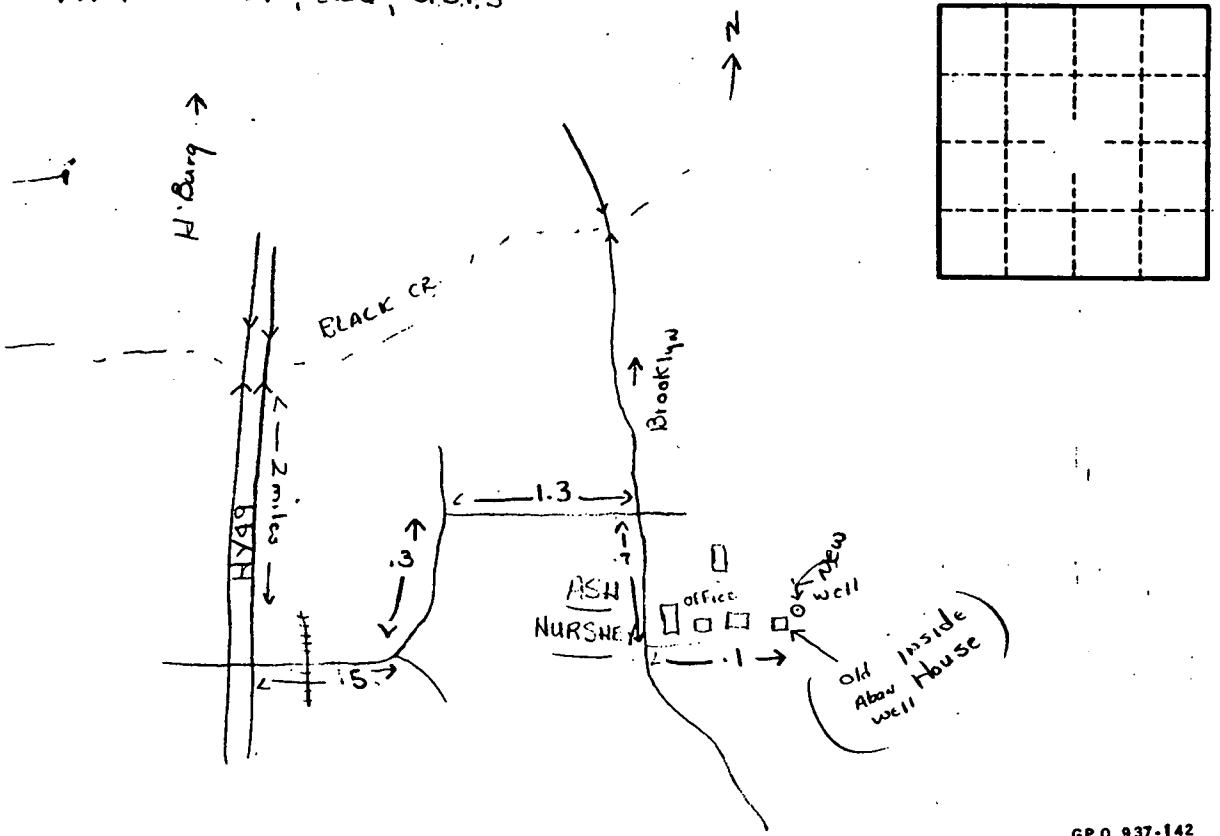
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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

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

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

A. KENNEDY, ENG, U.S.F.S.



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



JUN 23 1995

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES

P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

Dept. of Environmental Quality  
Office of Land & Water Resources

This box is for office use only.

7-25-95 AGN.

FORM OLWR-AP-2 (REV. 9/94)

Issued: 11-12-85	Expires: 11-12-2005	Fee Paid:	Permit No.
Lat. 31.0127	Long. 89.09.46	Elev. 285	USGS No. 179
Quad. BROOKLYN	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: MOCN	Tract No.		Basin No. 03170007
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT  RENEWAL - PERMIT NO. MS-GW-00698

THIS APPLICATION IS FOR (Circle one): GROUNDWATER - COMPLETE A,B,E

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: Domestic - U.W. Arde Nursery

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: U.S. D.A. - Forest Service (Name) 18120002 (SSN or Tax ID No.)

100 W. Capitol Suite 1141 (Address)

Jackson MS 39269 (City) (State & Zip) (601) 965-4391 (Telephone No.)

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

(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):

NW 1/4 of the NW 1/4 of Section 25, Township 1N, Range 12W, County Forrest

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.

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Miocene MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180017-01

2. Proposed work will begin on \_\_\_\_\_, 19\_\_\_\_, and will be completed by \_\_\_\_\_, 19\_\_\_\_.

If well has already been drilled, when was well completed (date)? 3/12, 19 70. Under whose name was well originally drilled (if known)? U.S.D.A. - F.S.

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 720 feet. DRILLER: Guier Drilling Co.

(b) SURFACE CASING: Length 655 feet; Diameter 6 inches; Type Steel (T+C)

(c) SCREEN: Length 60 feet; Diameter 4 inches; Type NW - Stainless Steel

(d) PUMP: Type submersible; Size 4"; Capacity 30 gallons per minute; Setting depth \_\_\_\_\_ feet

(e) POWER UNIT: Type 19 stage; Size \_\_\_\_\_ horsepower

4. PERMITTED VOLUME:

(a) .0035 acre-feet per year at a maximum rate of 30 gallons per minute

(b) 0.003 million gallons per day at a maximum rate of 30 gallons per minute

(CONTINUED ON BACK)

JD - changes

**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 Sorghum \_\_\_\_\_; 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? \_\_\_\_\_
- 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 \_\_\_\_\_  
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?  
(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): domestic - UN Ashe Nursery  
Primary use is for toilet facilities.
- REMARKS:** \_\_\_\_\_

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

Kenneth R. Johnson  
(Name)  
100 W. Capitol Suite 1141  
(Address)  
Jackson MS 39269  
(City, State, Zip)  
601-945-4391  
(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.

Kenneth R. Johnson  
(Signature)

Subscribed and sworn to before me this 22nd day of June, 1995, at Hinds County of Mississippi  
My commission expires 12/14/98; Cassandra O. Smith Notary Public.  
Cassandra O. Smith

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Brooklyn Quad.  
6/5/96

Hornbeak

USER NAME(S): SH Bishop & CA Hornbeak DATE: ~~6-9-94~~

UNIT DEQ #: 82 859 / 82859 FILE #: ~~A060915A~~  
8060521A

HEALTH DEPT. #: 180017-01 ELEV. 285

USGS #: 2-145 279 OLWR #: 698

OWNER: US Forestry Service (Ashe Nursery)

LOCATION: NW-NW-NW's 25 T.1N R.12W COUNTY: Forrest

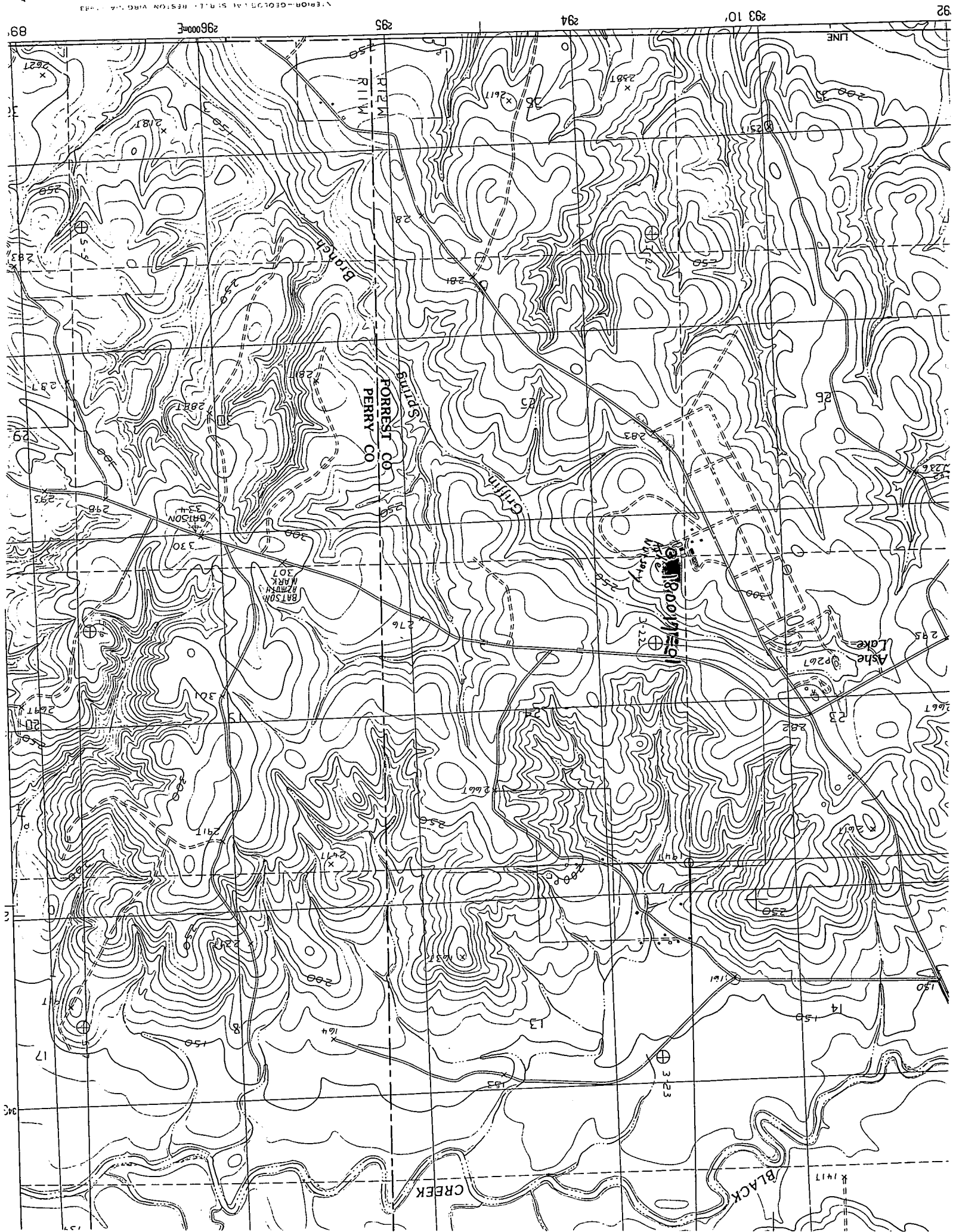
LOCATION DESCRIPTION: .1 mile Behind office,  
well is Behind Pump House.

CASING DIA: 6" PUMP TYPE & SIZE: Sub.

GPS FIELD LOCATION: LAT. 31° 01.295 LONG. 89° 09.436  
31° 01.509 89° 09.750

GPS CORRECTED LOCATION: LAT. 31.02511604 LONG. 89.16211724

REMARKS: GPS Located at well.



89

2960000E

295

294

293 10'

92

LINE

Rt. 112 W

Rt. 114 W

FOREST CO  
PERRY CO

Griffin

BATSON  
MARK

BATSON

ASHES  
LAKE

CREEK

BLACK

X 1417

30C

17

2

20

29

30

31

20

26

32

1:50,000 GEOMETRIC SCALE - RESOLUTION 1:50,000