

Midnight

WELL SCHEDULE
OFFICE OF LAND AND WATER RESOURCES

Fips 53

Well No. H-502

Log No. _____

Recorded by: LN Data Source: CB Date: 8-11-97

County: Humphreys Permit No.: GW13252 DOH No.: _____

1/4: NW, NW 1/4: NW 1/4: NW Sec.: 33 TWN: 14N RNG: 04W

Quad: Midnight Elevation: 101

Plotted on quad?: _____ In field? _____ From drillers log? _____ From permit? _____

Latitude: _____ Longitude: _____ GPS? _____ From quad? _____

Primary Aquifer: MRVA Secondary Aquifer: _____

Use: IR Well status: _____

Owner: Prudential Insurance Co.

Address: _____

Telephone: _____ Local Well Name: _____

Date drilled: _____ Driller: _____

Well depth: _____ Well diameter: _____ Pump type: _____

Power type: _____ Pump capacity: _____

Screen interval(msl): _____ (land surface): _____

Type of logs: _____ Log interval: _____

Initial water level(Is): _____ Date: _____

Measuring point description: _____

Water Quality Data? _____ Source: _____ Reliability: _____

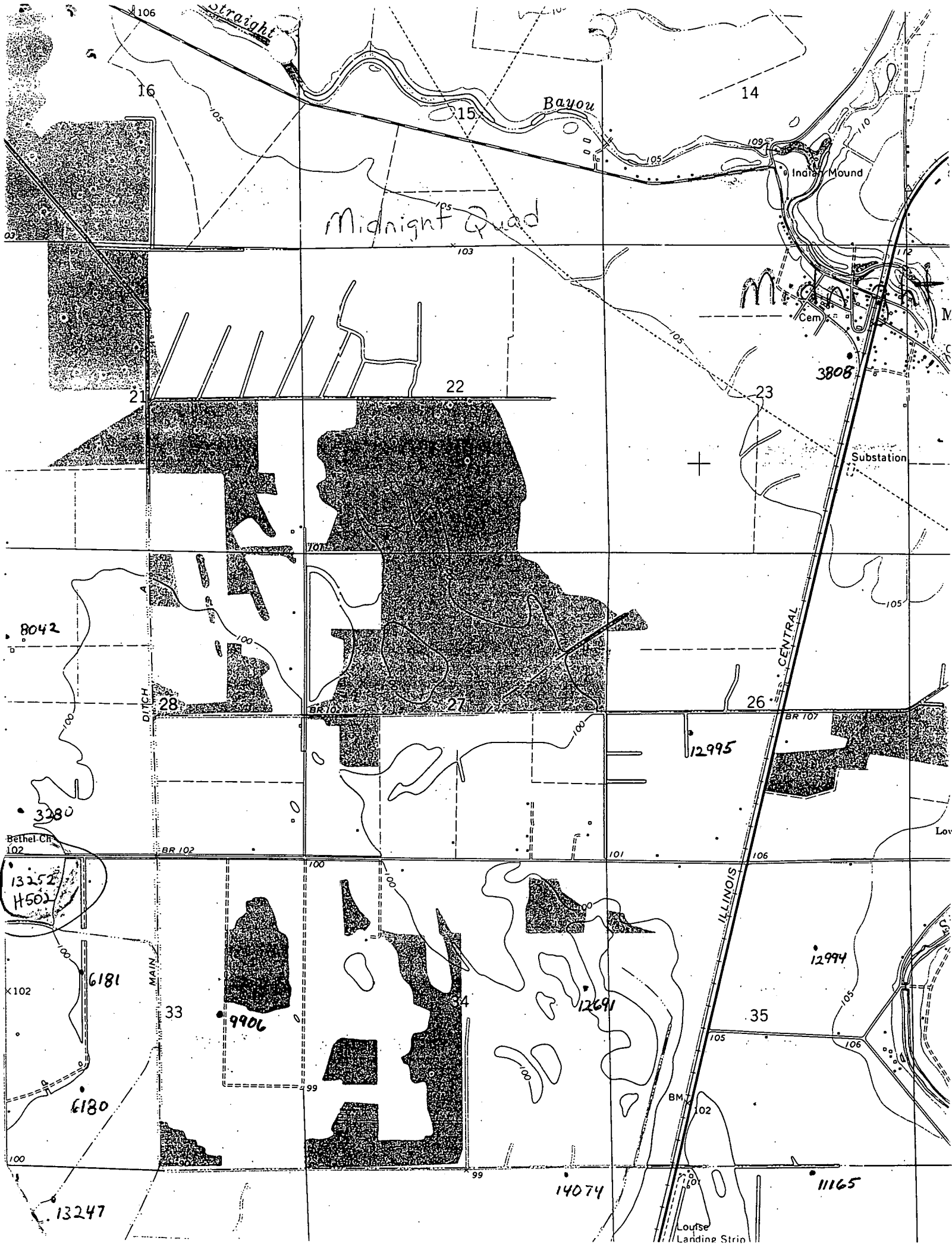
Water Level Data? _____ Source: _____ Reliability: _____

Pump Test Data? _____ Source: _____ Reliability: _____

Water Use Data? _____ Source: _____ Reliability: _____

Water level data

This area for location map and notes



106

straight

16

15

Bayou

14

Midnight Quad

Inaia Mound

Midnight Cem

22

23

3808

Substation

8042

DITCH

28

27

26

12995

3380

Bethel Ch 102

13252
4502

X102

6181

33

9906

34

12691

35

12994

6180

100

13247

99

14074

BM 102

11165

Louise Landing Strip

ILLINOIS CENTRAL

Buttermilk

ESD

FORM BLW-AP-1 (rev. 10/88) The box below is for office use only.

Table with fields: Issued, Expires, Fee Paid, Permit No., USGS No., Quad, Dist., Basln No., STAC, Dam Inv. No., Dam appl. No.

Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10631, Jackson, MS 39289-0631

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

RECEIVED stamp

This application is for (circle one): GROUNDWATER SURFACE WATER

JAN 29 1991

Beneficial Use (circle one or more): Irrigation Fish Culture Municipal Rural Water Association Environmental Quality Recreation Institutional (Examples: Church, School) Commercial (Examples: Hotel, Restaurant) Fire Protection Flood Protection Other:

LANDOWNER:

The Prudential Insurance Company of America (Name) 22-1211670 (S/S or Tax ID No.) c/o C.A.P.S., P.O. Box 4699 (Address) Greenville, MS 38704-4699 (601) 334-4627 (City) (State and Zip) (Telephone Number)

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

Capital Agricultural Property Services, Inc. (Name) See Above (Address) (City) (State and Zip) (Telephone Number)

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

NW 1/4 of the NW 1/4 of Section 33, Township 14N, Range 4W, County Humphrey

Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["d" is for units other than those shown in "a", "b", or "c"]):

- (a) 240 acre-feet per year at a maximum rate of 2500 gallons per minute
(b) million gallons per day at a maximum rate of gallons per minute
(c) acre feet of storage at normal pool
(d) per at a maximum rate of

Construction of proposed work will begin on (date) January 1, 1991 and will be completed by (date) April 1, 1991.

Water will be used from (month) May to (month) September each year.

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 numbers.

SECTION A (to be completed if application is for surface water source)

- 1. Source of water is from which drains into which drains into which drains into
2. Description of pump/diversion works:
(a) Pump (size and type): Power Unit (size and type): Lift: feet Maximum capacity: gallons per minute.
(b) Name of storage reservoir: Dam height: feet. Surface area at normal pool: acres. Storage capacity at normal pool: acre-feet.

(Continued on back)

13252

SECTION B (to be completed if application is for groundwater source)

- 1. Source of water is Mississippi River aquifer.
- 2. Description of proposed water well:
 - (a) DEPTH OF WELL: 115 feet. DRILLER (name): Powell Irrigation, Clarksdale, MS
 - (b) SURFACE CASING: Length: 75 feet. Diameter: 16 inches. Type: Steel
 - (c) SCREEN: Length: 40 feet. Diameter: 16 inches. Type: Steel
 - (d) PUMP: Type: Turbine. Size: 12". Capacity: 2500 gallons per minute.
Number of stages: 2 st. Settling depth: 50 feet.
 - (e) POWER UNIT: Type: Diesel. Size: _____ horsepower.
 - (f) TYPE OF COMPLETION: _____

WATER USE DATA:

If for IRRIGATION, FISH CULTURE or any other areal use, show the number of acres to which water will be applied in the appropriate 40-acre block(s). Acreage must be shown on accompanying location map.

TOWN-SHIP	RANGE	SEC-TION	NE1/4				NW1/4				SW1/4				SE1/4				TOTALS
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
<u>14N</u>	<u>4W</u>	<u>33</u>					<u>40</u>	<u>40</u>											<u>80</u>

(Soybean Rotation)

1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice 80; Cotton _____; Soybeans _____; Corn _____; Pasture _____; Truck _____; Wheat _____; Oats _____; Grain sorghum _____; Other (specify) _____ Acres _____

2. FISH CULTURE: Explain how water will be used: _____
How often will reservoir(s) be emptied and refilled? _____

3. MUNICIPAL or WATER ASSOCIATION
Choose "a" or "b". (a) The number of people served is _____. (b) The number of connections/customers 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 years? _____ (Volume) _____ (Year); _____ (Volume) _____ (Year); _____ (Volume) _____ (Year); _____ (Volume) _____ (Year)

4. INDUSTRIAL: If water is to be released into a watercourse, indicate the amount released each year _____
Rate of release _____; Location of release point in reference to diversion/withdrawal point _____
_____; Explain any change in quality of water to be released: _____
NPDES Permit No. _____
Explain how water will be used: _____
How much groundwater will be used for once-through non-contact cooling? _____

5. RECREATION: Explain how water will be used: _____

6. OTHER use: Explain in detail: _____

REMARKS: _____

List below the person to be contacted for additional information if required:
Scott Mason - C.A.P.S.
(Name)
P.O. Box 4699
(Address)
Greenville, MS 38704-4699
(City, State, Zip)
(601) 334-4627
(Telephone)

The accompanying map is hereby declared a part of this application. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.

(Signature)

Subscribed and sworn to before me this _____ day of _____ 19____, at _____
County of _____. My commission expires _____
_____, Notary Public