

6/78 WTO

GW13034 DO# 0210012-01

Recorded by WTO

Date 10/26/79

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT  
WELL RECORD

Well No. U25

Log No. 123

County Greene

Vernal Quad

TRANSMITTED FOR ~~ADP~~

Site ID 3 1 0 2 1 4 0 8 8 3 2 0 2 0 1 R=0\* T=A\* 2=W\*

Data reliab. 3=C\* Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=041\*

Lat. Long. 9=3 1 0 2 1 4 \* 10=0 8 8 3 2 0 2 \* Well No. 12=U 0 2 5 \*

SE NW Location 13=S W N W S 1 9 T O 1 N R 0 5 W \* Alt. 16=3 2 6 \* DR. GSW

Hyd. Unit (OWDC) 20= \* Date 21=1 0 1 0 5 1 1 9 7 9 \*

Well use 23=W \* Water Use 24=P \* Hole depth 27=1 1 1 5 \* Well depth 28=9 9 4 \*

WL 30=2 2 3 \* Date 31=1 0 1 2 9 1 1 9 8 2 \* Source 33=S \*

Status 273= \* Project No. 5= \*

*N.P. = 2" vent pipe at 2.2' above 1st*

R=158\* T=A\* Date 159# 0 1 1 3 0 1 1 9 8 0 \* Owner No. Well #1

Owner 161=S E GREENE W A \*

R=192\* T=A\* Date 193# 0 2 1 1 3 1 1 9 8 0 \* Temp. 196#00010\* 197=2 4 . 5 \*

R=192\* T=A\* Date 193# / / / \* Cond. 196#00095\* 197= \*

R=192\* T=A\* Date 193# 0 2 1 1 3 1 1 9 8 0 \* pH 196#00400\* 197=7 . 0 \*

R=58\* T=A\* 59# 1\* Date 60=0 1 1 3 0 1 1 9 8 0 \* Remarks

Drig. 63=1 8 4 \* Name Griner Method 65=H \* Finish 66=5 \*

R=76\* T=A\* 59# 1\*

Top csng. 77# 0 \* Bot. csng. 78=8 8 2 \* Diam. 79# 1 0 \*

R=76\* T=A\* 59# 1\*

Top csng. 77# 8 2 2 \* Bot. csng. 78=8 8 8 \* Diam. 79# 6 \*

R=76\* T=A\* 59# 1\* 77# 918.\* 78=959.\* 79# 6.\*

R=82\* T=A\* 59# 1\* Top 83# 8 8 8 \* Bottom 84=9 1 8 \*

Type 85=S \* Diam. 87=6 \* Size 88=. 0 1 6 \*

R=82\* T=A\* 59# 1\* Top 83# 9 5 9 \* Bottom 84=9 9 4 \*

Type 85=S \* Diam. 87=6 \* Size 88=. 0 1 6 \*

YIELD R=146 \* T=A\* 147# 1 \* Q 150=3 5 0 \* Q/S 272=

134 flows 146 pumped

SITE DATA  
GEN.  
OWNER

FIELD ON

CONSTR.

CASING

OPENINGS

YIELD

R=42\* T= A \* Lift type 43# T\* Intake 44= \* Power type 45= E\*

Date 38= 01/30/1980\* H.P. 46= 5.0.\*

LIFT

R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 1115.\*

R=198\* T= A \* Log 199# E\* Top 200= 25.\* Bot 201= 1114.\*

R=189\* T= A \* E Log No. 190# 123\* 191= M I S S D I S T \*

LOGS

R=114\* T= A \* Year 115# \* Type 120= \*

ANAL.

R=90\* T= A \* 256# 1 \* Top 91= 875.\* Bot 92= 995.\*

Unit ID 93= 122MOCN \* Name of Unit

R=90\* T= A \* 256# 1 \* Top 91= \* Bot 92= \*

Unit ID 93= \* Name of Unit

AQUIFERS

R=98\* T= A \* 99# 1 \* Unit tested 100= \* 103= \*

R=105\* T= A \* 99# 1 \* Test No. 106# \*

107= \* Transmissivity (gal/d)/ft

108= \* Hydraul. cond. (gal/d)/ft<sup>2</sup>

110= \* Storage coeff. Boundaries

HYDRAULICS

R=121\* T= A \* Yr Begin 122# 1980 \* Network 258= \*

Water Level Data Collection: (1)

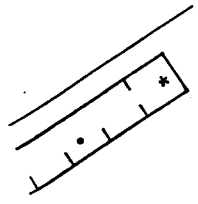
= 1.6

↑

MA Colvard  
Chapin

Pressure tank

description of formations encountered	from	to
TOP SOIL	0	3
Red SANDY CLAY	3	10
SAND + GRAVEL	10	120
CLAY	120	150
SAND	150	151
CLAY	151	216
SAND	216	250
CLAY	250	570
SAND	570	720
CLAY	720	920
SAND	920	945
CLAY	945	958
SAND	958	977
CLAY	977	1115



GREENE  
 U25  
 1-30-80  
 123

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

CODED

WATER WELL DRILLERS LOG

Greene

1-30-1980 GRIVER DRILLING SERVICE GEORGE  
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
SOUTHEAST	TOP SOIL	0	3
GREENE COUNTY	RED SANDY CLAY	3	70
WATER AUTHORITY, No. 1 (mailing address)	SAND + GRAVEL	10	120
	CLAY	120	150
WELL LOCATION: SE 1/4 NW 1/4 SW 1/4	SAND	150	156
sec. 19 T 1 N R 5 E	CLAY	156	216
	SAND	216	250
(distance) miles (direction) of (nearest town)	CLAY	250	370
WELL PURPOSE: (home, irrigation, municipal, industrial)	SAND	370	420
WELL COMPLETION DATA:	CLAY	420	426
(1) diameter (inches) 10 3/4"	SAND	426	445
(2) total depth (feet) 494'	CLAY	445	458
(3) static water level (feet) 230' below top of ground	SAND	458	492
(4) casing Steel 882' (material) (depth)	CLAY	492	1115
10 3/4" If telescope see back. (size)			
(5) screen 65' 882' (length) (depth to top)			
GRAVEL 6" 304 S.S. (L.O.I.E.) (size) (material)			
(6) pump 50 350 (HP) (yield gpm)			
Elect. (type power)			
(7) electric log Yes (yes or no)			
MGS (organization running log)			
(8) how well bottom plugged BACK			
DRILLERS REMARKS:			

Screen - 883' to 118' +  
 BLANK 913 to 959 -  
 Screen 959 to 994 +

DEPT. OF NATURAL RESOURCES  
 BUREAU OF LAND REVENUE  
 FEB 1 1981

# GRINER DRILLING SERVICE, INC.

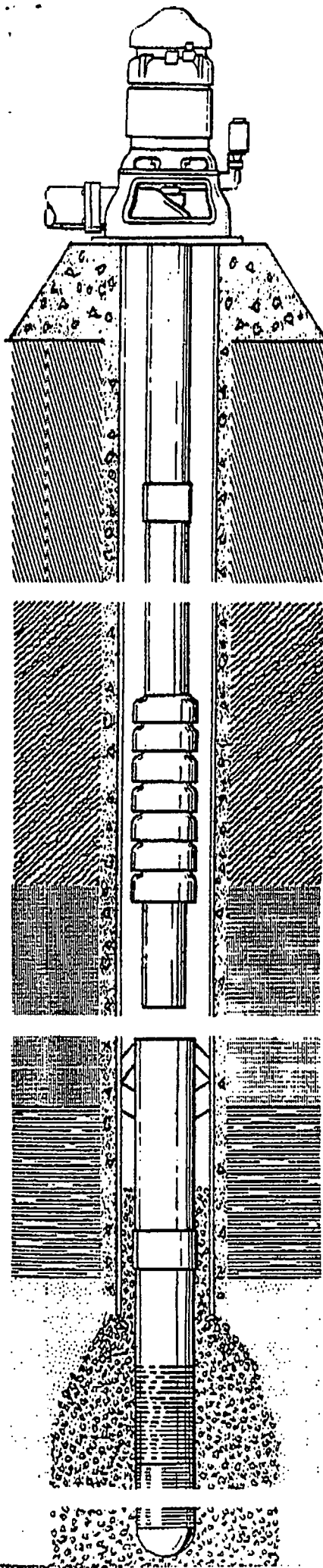
TELEPHONE 736-6347

P. O. BOX 309

COLUMBIA, MISS. 39429

U25

## LOG FORM



NAME	Southeast Greene County Water Authority		
LOCATION	Greene County, Mississippi		
	SE/4 NW/4 SW/4 NW/4 Sec. 19, T1N, R5W		
ENGINEER	Polyengineering		
DRILLER	J. M. JONES	LOG. NO.	U4
COMPLETED	January	19	80
ACCEPTED			
Sales Engineer	T. N. Shows	Field Supervisor	H. C. Long

### WELL DATA

Length surface casing N/A; size surface casing N/A  
 Cemented N/A No. Sacks N/A Size Drilled Hole 1 1/2"  
 Depth drilled hole 890' Size well casing 10-3/4 Type Welded  
 Length well casing 882' cemented Yes No. Sacks 500  
 Size underreamed hole 24" length underreamed hole 70'  
 Size screen 6" type Skeletal mfg. by Houston  
 Slot size .016 material 304 S.S. length screen 65'  
 Lap pipe size 6" lap pipe length 60' type Welded  
 Type gravel Ratcliff All-purpose No. yds. 12 Distance to lap 822'  
 Distance to screen top 888' & 959' distance to gravel 824'  
 Distance to screen bottom 918 & 994 type bottom Back Wash Valve  
 Connection top of lap 6" R&L Collar static water level 5' stinger 230'

### PUMP DATA

Type Turbine make Floway Serial No. 8020247  
 Size bowls 8" No. stages 15 Curve No. JKH Length bowls 10'  
 Length column 320' size column 6" type column Threaded  
 Size oil tube 2" size shaft 1 1/2" length suction 20'  
 Size suction 6" size discharge 6" Head No. 6 x 12"H"  
 Overall pump length 330' Length headshaft 38"  
 Type lubrication Oil type oiler Solenoid length air line 320'  
 Rated capacity 350 GPM Total Head 428'  
 RPM 1770 Size foundation 2' x 2' Height 2'

### ELECTRIC MOTOR DATA

Type VHS Make G.E. Serial No. ERJ502322  
 HP 50 Voltage 230 RPM 1770 Frame K326TPH  
 Style P Phase 3 Cycle 60 AMPS 126  
 Height motor 34 Dia. base 12" Clutch bore 1 1/2" Clutch No. N/A  
 Top bearing No. 629A219ABG001 Lower bearing No. K5903493P013 Lubrication Oil & Gr

### SWITCH DATA

Type Pumping Plant Panel Make Allen Bradley  
 Catalog No.  Size 4 Rating 126 A.  
 Volts 230 Phase 3 Cycles 60  
 HP rating 50 Size relays 126A. Relay type Quick Tri  
 Entrance switch 100 A.  
 Fuse size & type 100 A. Size wire

RETURN COMPLETED FORM TO:

Bureau of Land and Water Resources  
P.O. Box 10631  
Jackson, Mississippi 39209  
Telephone (601) 961-6200

RECEIVED

OCT 03 1990

Department of Natural Resources  
Bureau of Land & Water Resources

For Office Use Only:
County:
Priority Date:
Permit No: <u>GW-13034</u>
Quad Map: <u>VERNAL</u>
Water Management Dist:
Hydrologic River Basin: <u>03170003</u>

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

Pursuant to the laws of the State of Mississippi, namely §51-3-5 (1), as amended, I, the landowner, \_\_\_\_\_

Southeast Greene Water Authority, Inc. (Name) 64-0646484 (S/S or Tax ID No.)

Route 5, Box 217 (Address) Leaksville (City or Town) Mississippi 39451 (State and Zip)

( 601 ) 394-5246 (Telephone Number) do hereby make application for permission to use: (circle one)

surface water ground water for the following beneficial use: (circle one or more)

~~hydrological~~ irrigation; recreation; livestock water; fish culture; Industrial;

Other Rural Water Association (Specify)

1. Name & Address of agent or applicant if different from landowner.

<u>Same</u> (Name)	<u>Same</u> (S/S or Tax ID No.)	<u>Same</u> (Address)
<u>Same</u> (City or Town)	<u>Same</u> (State and Zip)	( ) <u>Same</u> (Telephone Number)

2. Location of point of diversion/withdrawal (include location map with application)

SE/4 - NW/4 - SW/4 - NW/4 of Section 19, Township 1 N, Range 5 W, County Greene

3. Volume of water diverted/withdrawn:

(1) \_\_\_\_\_ acre feet per year, diverted/withdrawn at a maximum rate of \_\_\_\_\_ gallons per minute; or  
(2) 15 million gallons per day, diverted/withdrawn at a maximum rate of 350 gallons per minute.

4. Construction of proposed work will begin October, 19\_\_\_\_

5. Estimated date of completion January, 19\_\_\_\_

6. Water will be used from January 1 to December 31 each year  
(Month) (Month)

7. Description of lands on which water will be used:

(a) Copy legal description of property upon which water is to be used (may be copied word for word from your deed).

Attach separate sheet if necessary See Attached Quadrangle map

AD# 210012-01

(b) Has the above described land any water right or source of water supply other than that herein applied for?

(Water Rights Number(s) \_\_\_\_\_) Describe the nature and amount of any additional supply \_\_\_\_\_

1-22-91 1-22-2001  
MOCN

SECTION A (to be completed if source of water is from surface supply)

1. Source of supply is N/A LAT: 31-02-12 which drains into N/A LONG: 88-32-00

ELEV: 326 which drains into N/A

2. Description of diversion works:

(a) Water obtained directly from stream: N/A

Pump N/A (Name) N/A Power Unit N/A

Lift N/A (Size and type) N/A (Size and type) N/A

ft. Maximum capacity \_\_\_\_\_ gpm

(b) Storage reservoir N/A (Name)

Height of dam N/A feet. Surface area at normal pool N/A acres

Storage capacity at normal pool N/A acre feet

RECEIVED

SECTION B (to be completed if source of water is from underground supply)

- Source of supply: Miocene aquifer(s)
- Description of water well:
  - Proposed Well Data:**  
Estimated depth to be drilled 994 feet
  - Proposed Screen Data:**  
(1) Estimated Length 65' ft. (2) Estimated Diameter 6" inches  
(3) Proposed Type Skeletal (4) Proposed slot size unknown inches
  - Proposed Casing Data:**  
(1) Estimated Length 890' ft. (2) Estimated Diameter 10 3/4 inches  
(3) Proposed Type Steel
  - Proposed Pump Data:**  
(1) Estimated Type & Size Turbine (8") (2) Estimated Capacity 350 gpm  
(3) Estimated No. of Stages 13 (4) Estimated Setting Depth 320 ft.  
Well Driller Griner Drilling Service, Inc.  
(Name of Company)

WATER USE DATA

- IRRIGATION use: (a) Show number of acres to be irrigated by 40-acre blocks: N/A

TOWN-SHIP	RANGE	SEC.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS		
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4			

- List the acres to be irrigated: Rice \_\_\_\_\_; Cotton \_\_\_\_\_; Corn \_\_\_\_\_; Pasture \_\_\_\_\_; Truck \_\_\_\_\_; Other crops ( \_\_\_\_\_ ) \_\_\_\_\_ acres.
- If for MUNICIPAL use: (a) Present population 321 connections, (based on 19\_\_ Census)  
(b) Estimated average daily consumption during periods of maximum use at the end of each five-year period in next twenty years: \_\_\_\_\_ 19\_\_ ; \_\_\_\_\_ 19\_\_ ; \_\_\_\_\_ 19\_\_ ; \_\_\_\_\_ 19\_\_
  - If for INDUSTRIAL use: (a) If water is to be released into a watercourse, indicate: Amount released each year N/A; rate of release N/A; location of release point in reference to diversion point \_\_\_\_\_ (show location on map)  
(b) Explain any change in quality of water to be released: \_\_\_\_\_
  - If for RECREATIONAL use: Explain how water will be used N/A
  - If for FISH CULTURE use: (a) Explain in detail how water will be used N/A  
(b) Number of times reservoir will be emptied and filled annually: \_\_\_\_\_
  - If for ANY OTHER use: (a) Explain in detail N/A

REMARKS None

List below the name and address of person to be contacted for additional information, if required.

Joyce Grey  
(Name)  
Route 5, Box 217  
(Address)  
Lucedale, MS 39452  
Telephone No. (601) 394-5246

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

L.H. Denmark  
(Signature)  
L.H. Denmark - President

Subscribed and sworn to before me this 27th day of Sept. 19, 90, at \_\_\_\_\_  
County of Greene, Mississippi. My commission expires My Commission Expires May 28, 1991

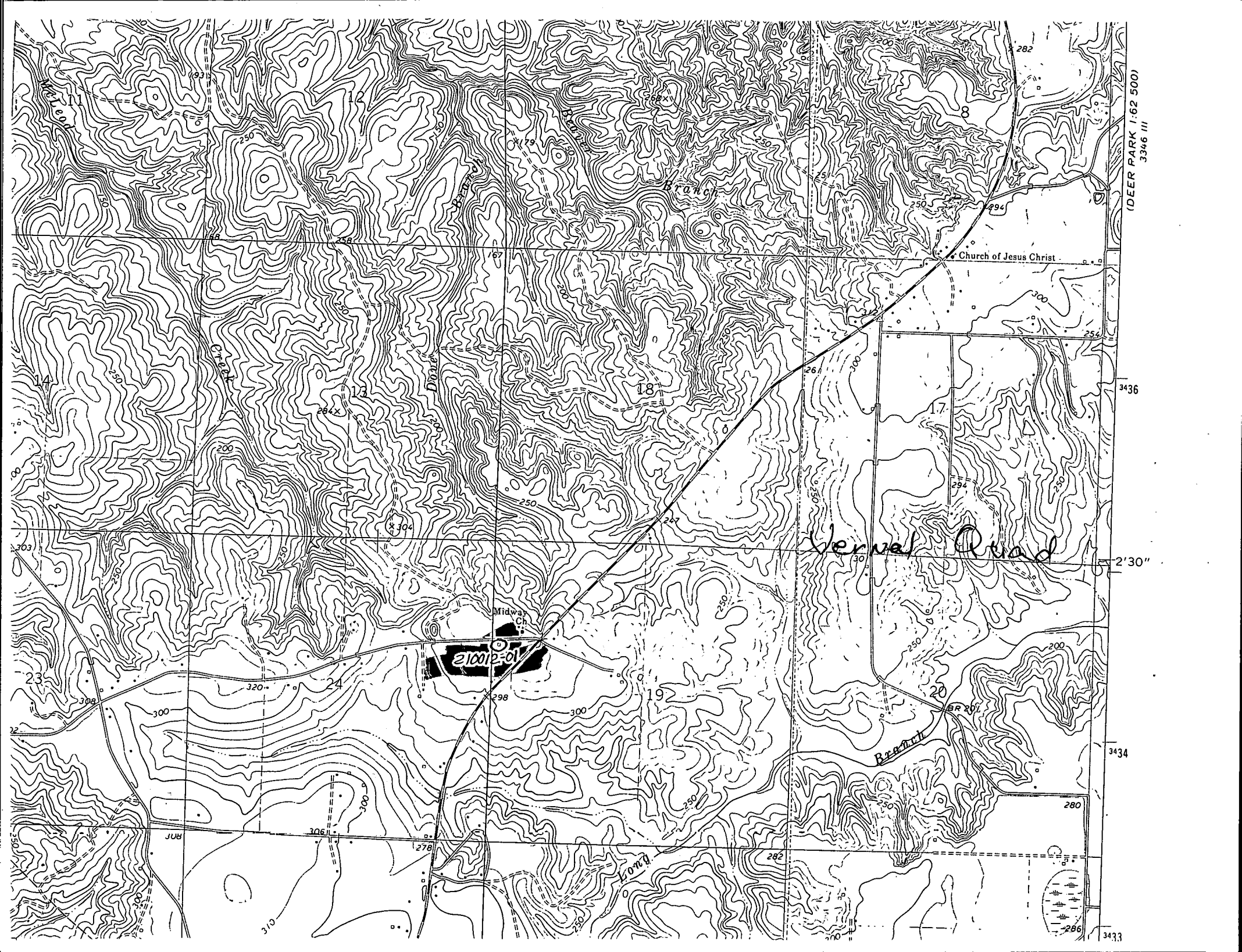
Judy Aynard  
Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): SH Bishop DATE: 8-4-94  
UNIT DEQ #: 82859 FILE #: 1080414A  
HEALTH DEPT. #: 210012-01 ELEV. 322  
USGS #: V U-9000 4<sup>th</sup> OLWR #: GW-13034  
OWNER: South East Green Water Assn. QUAD: Vernal  
LOCATION: SW - NW S 19 T 1N R 5W COUNTY: Green  
LOCATION DESCRIPTION: at S.E. Green Elevated Tank 10 mi S  
of Leaksville on Hwy 63 + 2.8<sup>mi</sup> n. of Co. line  
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: 50<sup>hp</sup> Elec.  
GPS FIELD LOCATION: LAT. 31°02.237 LONG. 88°32.080  
GPS CORRECTED LOCATION: LAT. 31.036893 LONG. 88.534204  
REMARKS: Gps At Well  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



(DEER PARK 1:62 500)  
3346 III

3436

2'30"

3434

3433

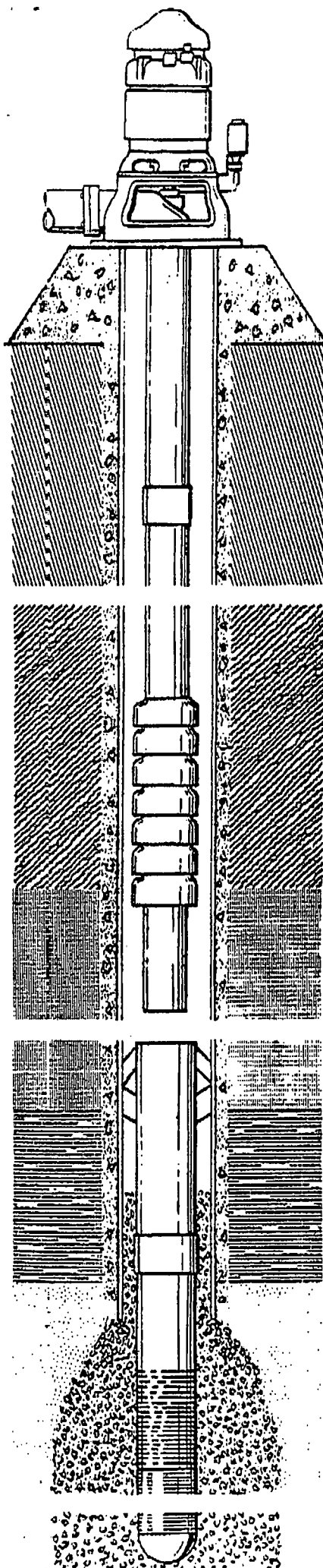


# GRINER DRILLING SERVICE, INC.

TELEPHONE 736-6347  
 P. O. BOX 308  
 COLUMBIA, MISS. 39429

U25

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DRILLER	J. M. JONES	LOG. NO.	U4
COMPLETED	January 19.80	ACCEPTED	
Sales Engineer	T. N. Shows	Field Supervisor	H. C. Long

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 Size suction 6" size discharge 6" Head No. 6 x 12"H"  
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 Volts 230 Phase 3 Cycles 60  
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 Entrance switch 100 A.  
 Fuse size & type 100 A. Size wire \_\_\_\_\_