

Recorded by WSTO
Date 11/24/86
Agency USGS

TRANSMITTED FOR ADP

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. N47
E-Log No. 141
County GREENE
NEELY

WELL RECORD

Site Id 311095301884511201 R=0* T=A* 2=W* Data rellab. 3=C* ^C _U Neely Quad

GEN SITE DATA

Dist. 6=28* State 7=28* Co. 8=041* Lat. Long. 9=31109531 10=088451121*
NW SW

Well No. 12=1N0471* Location 13=SE SW S 01 T 02 N R 08 W * Ait. 16=2221.*

Hyd. Unit (OWDC) 20=01311709015* Date 21=1986110123* (YYYYMMDD) 17=H*

Agency Use 803=PI* Well Use 23=PA* Water Use 24=PI* Hole depth 27=13610.* Well depth 28=12741.*

ML 30=113611* Date 31=1987105109* Source 33=PI*

Project No. 5=

LIFT

R=42* T=A* 254#1* Date 38=1987105100* Lift Type 43=TI* Intake 44=

Power Type 45=E1* H.P. 46=12011*

CONSTR.

R=58* T=A* 723#1* Date 60=1987105100* Drg 63=1841* Name Griner

Method 65=H1* Finish 66=S1* Remarks

CASING

R=76* T=A* 725#1* 59#1* Top csng 77# 11901* Bot. csng 78= 12381.* Diam. 79# 1011.*

R=76* T=A* 725#2* 59#1* Top csng 77# 11901* Bot. csng 78= 12381.* Diam. 79# 1811.*

OPENINGS

R=82* T=A* 726#1* 59#1* Top 83# 12381.* Bottom 84= 12741.* Type 85= 151*

Diam. 87# 1811.* Size 88= 10061*

R=82* T=A* 726#2* 59#1* Top 83# 11901.* Bottom 84= 12381.* Type 85= 111*

87# 1111.* 88= 1111.*

HBRG on permit

AQUIFERS

R=90* T=A* 721#1* Top 91= 12361.* Bot 92= 12721.* Unit Id 93= 1122CITHL1*

R=90* T=A* 721#2* Top 91= 11901.* Bot 92= 12381.* Unit Id 93= 1122CITHL1*

HYDRAULICS

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= 109= 110= Storage coeff. Boundaries

ANAL. R=114* T=A* 706# Year 115# 117# 120#

R=121* T=A* Yr Begin 115# Network 257#

YIELD R=146* T=A* Flows Pumped (circle one) 147#1* 148= 11987105199* 150= 1150.0*
Q/S 272= 3.91*

OWNER R=158* T=A* 718#1* Date 159# 11987105199* Owner No. Well #2
Owner 161# INEELY UTILITIES

OTHER -ID R=189* T=A* 736#1* E-Log No. 190# 11411* 191= H I S S D I S T *

FIELD QW R=192* T=A* 738#1* Date 193# / / * Temp 196#00010* 197=

R=192* T=A* 738#2* Date 193# / / * Cond 196#00095* 197=

R=192* T=A* 738#3* Date 193# / / * pH 196#00400* 197=

LOGS R=198* T=A* 739#1* Log 199# E * Top 200= 24.0* Bot 201= 358.0*

R=196* T=A* 739#2* 199# D * 200= 9.0* 201= 1360.0*

Remarks: R=183# 311= / /

184: (38.2' dd @ 150 gpm)

TOP SOIL	0	9
SAND	2	65
CLAY	65	84
SAND	84	98
CLAY	98	236
SAND FINE	236	272
CLAY	272	360

Greene
N 47

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
 Bureau of Land and Water Resources
 Southport Mall
 P.O. Box 10631
 Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

CODED

MAY 19 87 KRINER DRILLING SER GREENE
 date well completed firm name county well located

LANDOWNER: <u>NEELY UTILITIES, Inc.</u> <u>Well No. 2</u> (mailing address)	description of formations encountered	from	to
WELL LOCATION: <u>SE 1/4 SW 1/4 NW 1/4</u> sec. <u>1</u> T. <u>2</u> N. R. <u>8</u> E. <u>W</u>	<u>TOP SOIL</u>	<u>2</u>	<u>2</u>
	<u>SAND</u>	<u>2</u>	<u>65</u>
	<u>CLAY</u>	<u>65</u>	<u>84</u>
	<u>SAND</u>	<u>84</u>	<u>98</u>
	<u>CLAY</u>	<u>98</u>	<u>236</u>
	<u>SAND FINE</u> <u>CLAY</u>	<u>236</u> <u>272</u>	<u>272</u> <u>360</u>

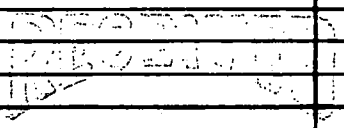
_____ miles of _____
 (distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

- (1) diameter (inches) 10 3/4
- (2) total depth (feet) 274
- (3) static water level (feet) 136.18 below above top of ground.
- (4) casing STEEL, 238
(material) (depth)
10 3/4" if telescope see back.
(size)
- (5) screen 36', 238'
(length) (depth to top)
8", 3045-S-1.006
(size) (material)
- (6) pump 80, 150
(HP) (yield gpm)
Elect.
(type power)
- (7) electric log Yes
(yes or no)
MGS
(organization running log)
- (8) how well bottom plugged BACK WASH VALVE, STINGER & CONCRETE

CODED



Department of Natural Resources
 Bureau of Land & Water Resources

DRILLERS REMARKS:

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

RECEIVED

AUG 09 1995

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5282 Dept. of Environmental Quality
Office of Land & Water Resources

This box is for office use only.

2-27-96 AGN.

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

Issued: 5-24-88	Expires: 2-11-2006	Fee Paid:	Permit No.
Lat. 31-09-53	Long. 88-45-10	Elev. 215	USGS No.
Quad. Neely	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: HBRG	Tract No.		Basin No. 03170005
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. GW-09325

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: _____

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Neely Utilities Inc MS 64-0522054
(Name) (SSN or Tax ID No.)

Gen Del
(Address)

Neely MS 39461 (601) 525-3886
(City) (State & Zip) (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 SE 1/4 of the SW 1/4 of Section 1, Township 2N, Range 8W, County Greene

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. MS GW 01306

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Hattiesburg MISSISSIPPI DEPARTMENT OF HEALTH NO.: H04 21004-01

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.

If well has already been drilled, when was well completed (date)? 19 86, 19____. Under whose name was well originally drilled (if known)? Neely Utilities

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 233' feet. DRILLER: Griner Drilling

(b) SURFACE CASING: Length 228' feet; Diameter 10 3/4 inches; Type Steel Welded

(c) SCREEN: Length 36' feet; Diameter 8" inches; Type wire wound

(d) PUMP: Type Turbine; Size 8" bowl; Capacity 150 gallons per minute; Setting depth 228' feet

(e) POWER UNIT: Type Hollow Shaft; Size Jet 20 horsepower

4. PERMITTED VOLUME :

(a) _____ acre feet per year at a maximum rate of _____ gallons per minute

(b) 25,826 .03 million gallons per day at a maximum rate of 150 gallons per minute

(CONTINUED ON BACK)

013

150

SECTION C (to be completed for SURFACE WATER SOURCE)

- Source of water is from Mi Dagne (Hettiesburg farm) which drains into _____
which drains into Leaf River is closest river to us
(major stream or river)
- Description of pump/diversion works:
Pump (size & type): Turbine 8" Bewl Power Unit (size & type): _____
Lift: _____ feet Maximum capacity: 150 gallons per minute
3. _____ 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? _____

- MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM
Chose "a" or "b". (a) The number of people served is 140 or (b) The number of connections is 160 ¹⁴⁰
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)
Total gal. used 7-1-94 to 6-30-95 was 9,364,239.48

- 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: _____

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

Eva Hillman
(Name)
Hc-1-Box 86
(Address)
Neely, MS 39461
(City, State, Zip)
(601) 525-3886
(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.
I sent \$20.00 to # 1835- for both permits.

Ms Paul G. Hillman
(Signature)

Subscribed and sworn to before me this 7th day of August, 1995, at Neely County of Greene

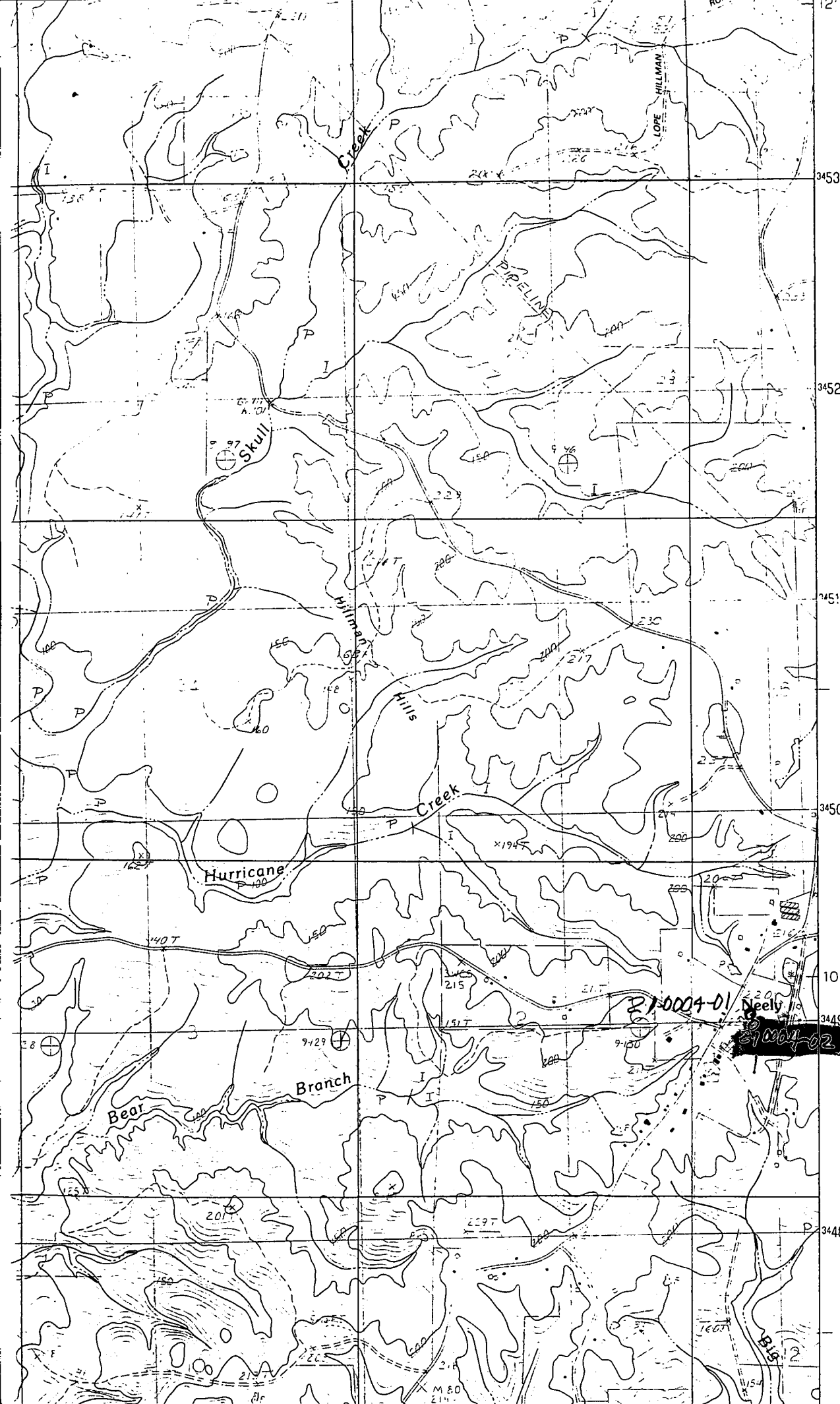
My commission expires My Commission Expires June 30, 1997; Aberthy Jean Johnson Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): SHRishop DATE: 8-4-94
UNIT DEQ #: 82859 FILE #: D080421A
HEALTH DEPT. #: 210004-02 ELEV. 222
USGS #: N-9002 N-47 OLWR #: GW-9325
OWNER: Neeley utilities QUAD: Neeley
LOCATION: ⁵⁶-SW/NW S 1 T 2 N R 8 W COUNTY: Green
LOCATION DESCRIPTION: South side of old school at Ground Tank
at Neeley MS
CASING DIA: _____ PUMP TYPE & SIZE: 20^{hp}
GPS FIELD LOCATION: LAT. 31°09.885 LONG. 88°45.252
GPS CORRECTED LOCATION: LAT. 31.165121 LONG. 88.754407
REMARKS: _____



Neely Quad

21004-01
21004-02