

GW14677

DOH # 170027-01

Abandoned

Recorded by GJD JAE
Date 8/24 11/21/76

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

TRANSMITTED FOR ADP

Well No. F82
E-Log No. _____
County Desoto

PUNCHED

RECORD JUN 15 1978

Site ID 345320090001001 R=0* T=AM* 2=W*
5 19

Horn Lake Quad

Data reliab. 3=CU* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=033*

Lat. _____ Long. 9=345320* 10=0900010* Well No. 12=F082*

Location 13=NE 1/4 S 25 T 02 S R 08 W* Alt. 16=320* 310

Hyd. Unit (OWDC) 20= _____ Date 21=0711011974*

Well use 23=W* Water Use 24=P* Hole depth 27= _____ Well depth 28=256*

WL 30=9.0* Date 31=0711011974* Source 33=D*

Status 273= _____

Owner: Dwight Kendall AB

R=158* T=AM* Date 159# 0711011974* Owner No. _____

Owner 161=CASSELL CREEK* SPRT

COUNTRY HAVEN mobile Home PARK

R=192* T=AM* Date 193# _____ Temp. 196#00010* 197= _____

R=192* T=AM* Date 193# _____ Cond. 196#00095* 197= _____

R=192* T=AM* Date 193# _____ pH 196#00400* 197= _____

R=58* T=AM* 59# 1* Date 60=0711011974* Remarks _____

Drlg. 63=213* Name _____ Method 65=H* Finish 66=S*

BOB SMITH & SON

R=76* T=AM* 59# 1*

Top csgn. 77# 9* Bot. csgn. 78=216* Diam. 79# 10*

R=76* T=AM* 59# 1*

Top csgn. 77# _____ Bot. csgn. 78= _____ Diam. 79# _____

R=82* T=AM* 59# 1* Top 83# 216* Bottom 84=256*

Type 85=S* Diam. 87=10* Size 88= _____

R=82* T=AM* 59# 1* Top 83# _____ Bottom 84= _____

Type 85= _____ Diam. 87= _____ Size 88= _____

R=134 40* T=AM* 147# 1* Q 150=350* Q/S

GEN. SITE DATA

OWNER

FIELD ON

CONSTR.

CASING

OPENINGS

WELL

R=42* T= (A) M * Lift type 43# T * Intake 44= * Power type 45= E *

LIFT. Date 38= 07/10/1974 * H.P. 46= 25. *

R=198* T= (A) M * Log 199# D * Top 200= 110. * Bot 201= 256. *

R=198* T= A M * Log 199# * Top 200= * Bot 201= * *

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

ANAL. R=114* T= A M * Year 115# * Type 120= * *

R=90* T= (A) M * 256# 1 * Top 91= 160. * Bot 92= * *

AQUIFERS Unit ID 93= 245.PRT. * Name of Unit Sparta Sand.

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

Unit ID 93= * Name of Unit

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

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

107= * Transmissivity (gal/d)/ft

108= * Hydraul. cond. (gal/d)/ft²

110= * Storage coeff. Boundaries

HYDRAULICS

description of formations encountered	from	to
Red clay	0'	17'
Gravel	17'	28'
white clay	28'	50'
Fine sand + clay	50'	160'
Sand medium	160'	270'

De Soto
F82
7-10-74

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

CODED

WATER WELL DRILLERS LOG

7-10-74 19 74 Bob Smith & Son DeSoto
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>Courtesy Haven</u> <u>Castle Creek Mobile Home Park</u> <u>Neshitt, Miss</u> (mailing address)	<u>Red clay</u>	<u>0'</u>	<u>17'</u>
	<u>Gravel</u>	<u>17'</u>	<u>28'</u>
	<u>white clay</u>	<u>28'</u>	<u>50'</u>
	<u>Fine sand + clay</u>	<u>50'</u>	<u>160'</u>
	<u>Sand medium</u>	<u>160'</u>	<u>270'</u>
WELL LOCATION: sec. <u>25</u> T- <u>2</u> N R- <u>8</u> E (distance) miles (direction) of <u>Neshitt</u> (nearest town)			
WELL PURPOSE: <u>municipal</u> (home, irrigation, municipal, industrial)			
WELL COMPLETION DATA: (1) diameter (inches) <u>10'</u> (2) total depth (feet) <u>256'</u> (3) static water level (feet) <u>90</u> below above top of ground. (4) casing <u>Iron</u> <u>256'</u> <u>216'</u> (material) (depth) (size) If telescope see back. (5) screen <u>40'</u> <u>24 216'</u> (length) (depth to top) <u>6"</u> <u>Stainless Steel</u> (size) (material) (6) pump <u>25</u> <u>350</u> (HP) (yield gpm) <u>electric</u> (type power) (7) electric log <u>no</u> (yes or no) (organization running log) (8) how well bottom plugged <u>plugged</u>			
DRILLERS REMARKS:			

CODED

RECEIVED
 AUG - 5 1974

The box below is for office use only.

SPRT

F-82

Issued: 8-10-93	Expires: 8-10-2003	Fee Paid	Permit No. GW-14677
Lat. 34-52-51	Long. 90-00-04	Elev. 320	USGS No.
Quad. HORN LAKE	Dist.		Basin No. 0801021
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

RECEIVED

APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI JUL 02 1993

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

Dept. of Environmental Quality
Office of Land & Water Resources

Beneficial Use (circle one or more): Irrigation Fish Culture Municipal Rural Water Association Industrial
 Recreation Institutional (Examples: Church, School) Commercial (Examples: Hotel, Restaurant) Livestock Standby
 Fire Protection Flood Protection Other: Mobile Home Park

LANDOWNER:

Dwight Kendall DBA Country Haven m.d.p. 95-3890304
 (Name) (S/S or Tax ID No.)
1151 Hwy 51 N. 90 office
 (Address)
Nesbit ms. 38651 (601) 429-9626
 (City) (State and Zip) (Telephone Number)

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

 (Name) (S/S or Tax ID No.)

 (Address)

 (City) (State and Zip) (Telephone Number)

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

NE 1/4 of the SW 1/4 of Section 25, Township 25 South, Range 8 West, County Desoto

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) _____ acre-feet per year at a maximum rate of _____ gallons per minute
 (b) .13 million gallons per day at a maximum rate of 350 gallons per minute
 (c) _____ acre feet of storage at normal pool
 (d) 70000 per Day at a maximum rate of 350 GPM APPROX

Construction of proposed work will begin on (date) _____, 19____ and will be completed by (date) _____, 19____.

Water will be used from (month) N/A to (month) _____ 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)

- Source of water is from _____ which drains into _____ which drains into _____ which drains into _____
- 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)

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

1. Source of water is _____ aquifer.
2. Description of proposed water well:
- (a) DEPTH OF WELL: 256 feet. DRILLER (name): Bob Smith & Son
- (b) SURFACE CASING: Length: 215 feet. Diameter: 10 inches. Type: Steel
- (c) SCREEN: Length: 40 feet. Diameter: 6 inches. Type: SS
- (d) PUMP: Type: turbine. Size: 25 HP. Capacity: 350 gallons per minute.
 Number of stages: _____ Setting depth: _____ feet.
- (e) POWER UNIT: Type: _____ 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	

1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice _____; 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 314
- 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? 95,000 1998; 95,000 2003; 95,000 2008; 95,000 2013
 (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: Based on Full Capacity of mobile home Park
314 connections, with a daily use of 3,000 GAL PER
COOP.

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

B. Mike Duncan
 (Name)
3080 E. Shelby Dr.
 (Address)
Mpls. Tn. 38118
 (City, State, Zip)
901-362-9780
 (Telephone)

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

B. Mike Duncan
 (Signature)

Subscribed and sworn to before me this 29 day of June 1993, at Southaven
 County of DeSoto My commission expires Nov 8, 1994

[Signature] Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Bishop & Grantham DATE: 8/21/96

UNIT DEQ #: _____ FILE #: A082123C

HEALTH DEPT. #: 170027-01 ELEV. 310

USGS #: F-82 OLWR #: GW14677

OWNER: Country Haven Mobile QUAD: Horn Lake

LOCATION: NE/SE/SW S25 T25 R9W COUNTY: Desoto

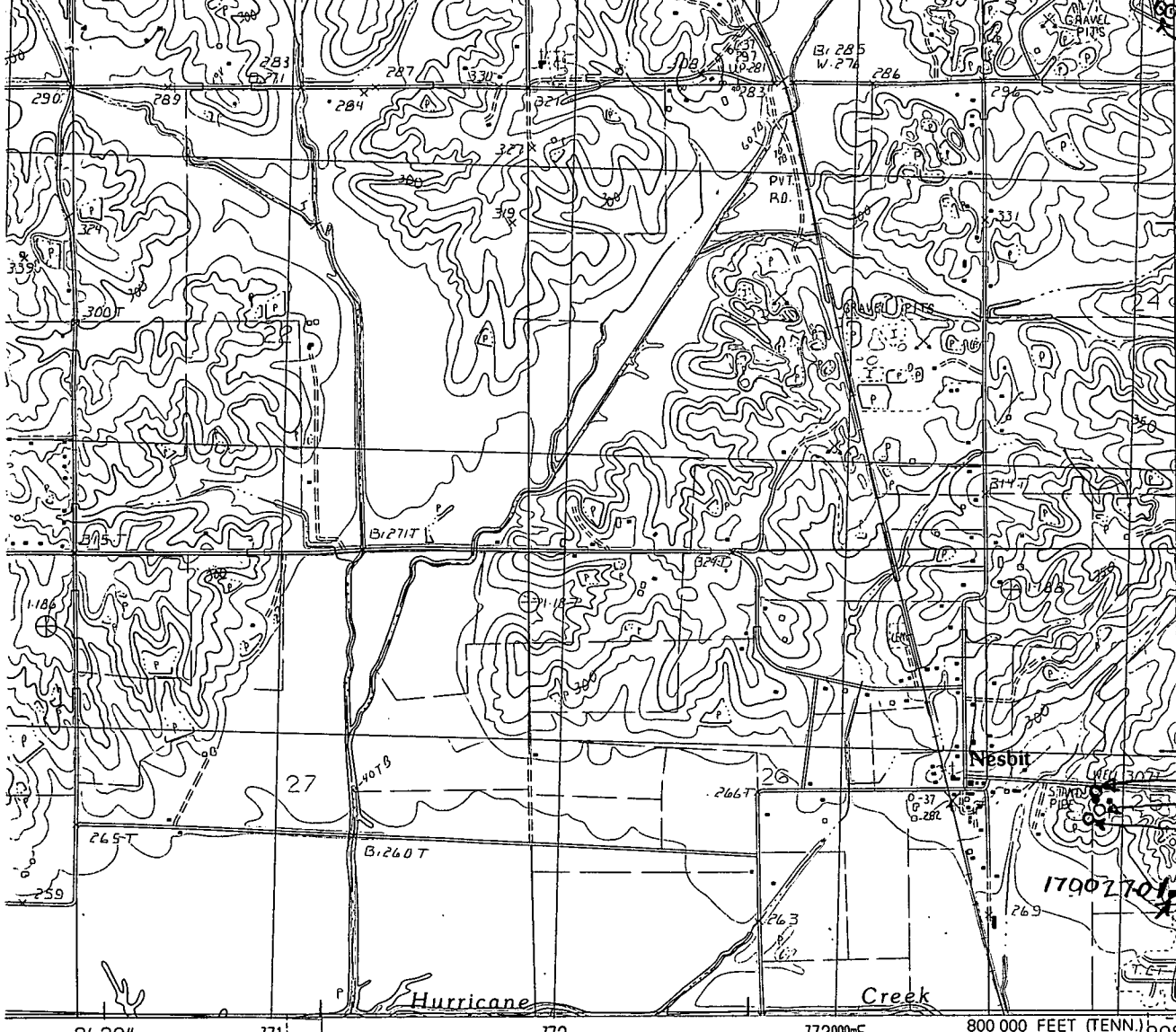
LOCATION DESCRIPTION: Well Located inside Block Gray Building
on top of Hill.

CASING DIA: _____ PUMP TYPE & SIZE: 25 HP Elec. Turbine

GPS FIELD LOCATION: LAT. 34° 52' .772" LONG. 90° 00' .024"

GPS CORRECTED LOCATION: LAT. 34.87901868 LONG. 90.00029745

REMARKS: _____



210 000 FEET (TENN.)

3865

3864.000mN

170014-03
 170014-02
 170014-01

170027-01
 170027-02

34° 52' 30"

2' 30" 171 172 173 000mE 800 000 FEET (TENN.) 90° 00'

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1982



QUADRANGLE LOCATION

10 000

ROAD LEGEND

- Improved Road
- Unimproved Road
- Trail

- Interstate Route
- U. S. Route
- State Route

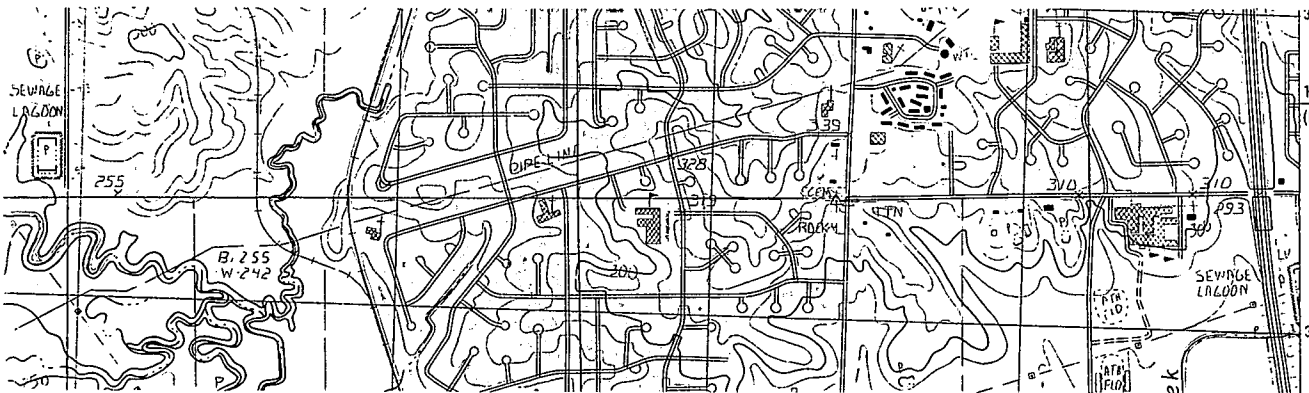
1	2	3	1 Fletcher Lake
			2 Southwest Memphis
			3 Southeast Memphis
4		5	4 Lake Cormorant
			5 Pleasant Hill
			6 Banks
6	7	8	7 Frees Corners
			8 Hernando

ADJOINING 7.5' QUADRANGLE NAMES

HORN LAKE, MISS.—TENN.

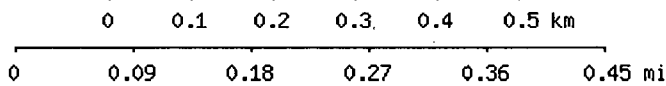
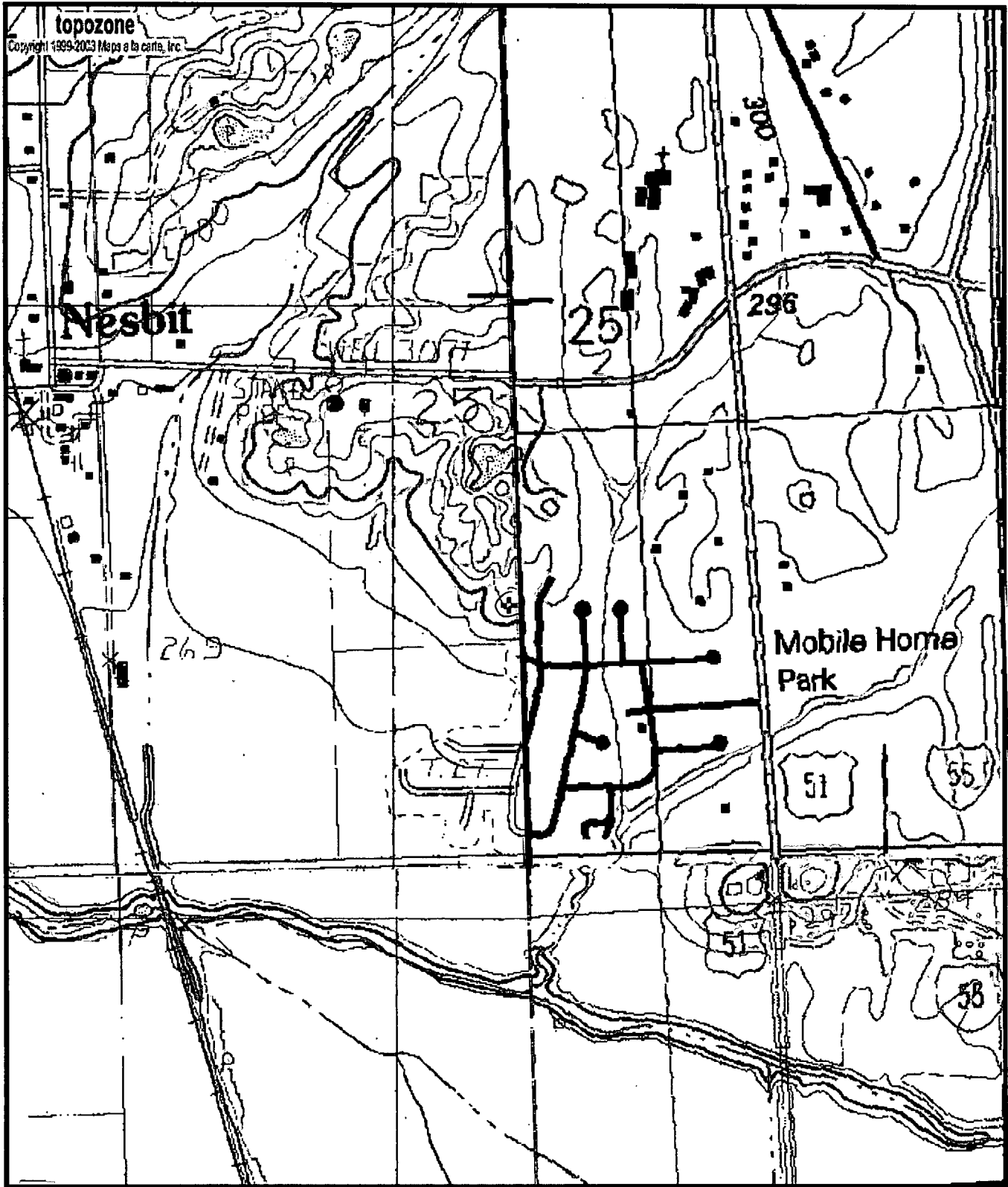
PROVISIONAL EDITION 1982

34090-H1-TF-024



1 630 000 FEET (MISS.)

3874



Map center is 34° 52' 44"N, 90° 00' 01"W (WGS84/NAD83)

Horn Lake quadrangle

Projection is UTM Zone 15 NAD83 Datum

