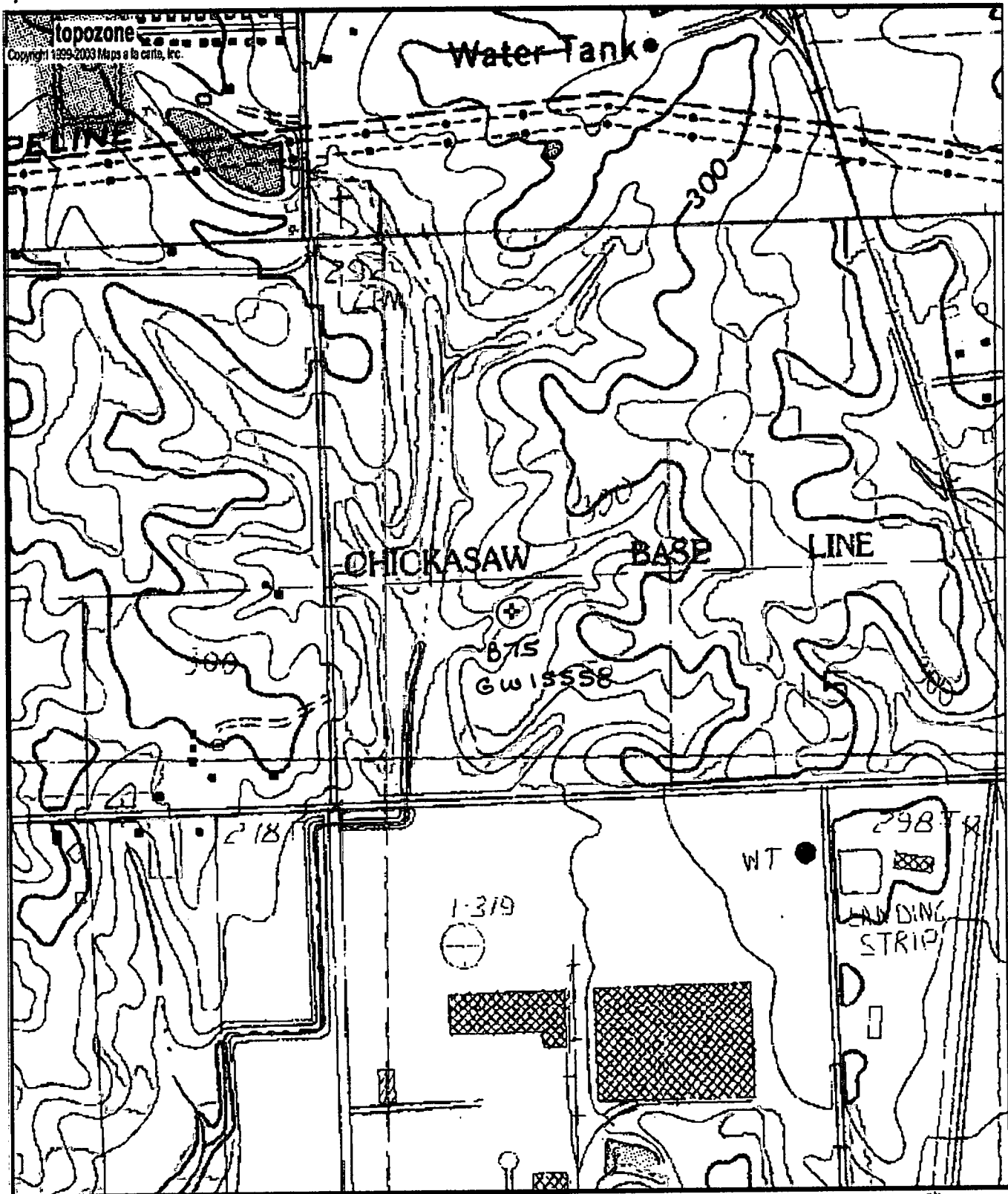


Map center is 34° 59' 41"N, 90° 02' 23"W (WGS84/NAD83)
Horn Lake quadrangle - TopoZone Pro elevation display
 Projection is UTM Zone 15 NAD83 Datum

M=0.136
 G=1.699

1900
1901

Department of the Interior
Bureau of Land Management

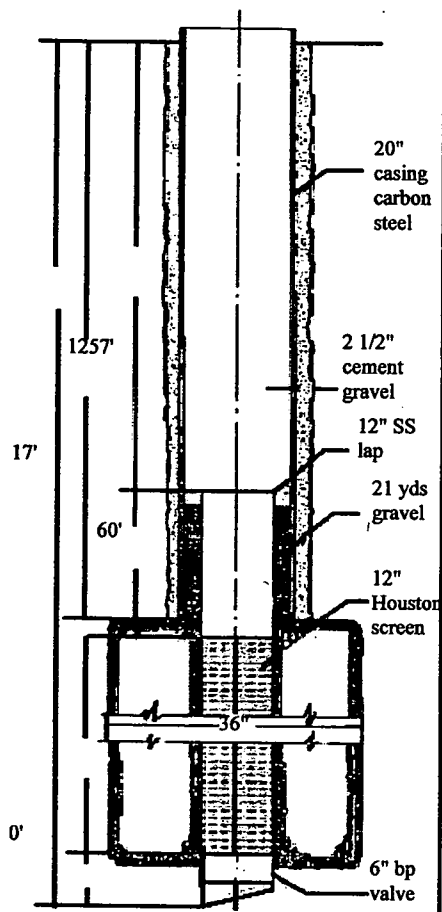


0 0.1 0.2 0.3 0.4 0.5 km
 0 0.1 0.2 0.3 0.4 0.5 mi
 Map center is 34° 59' 41"N, 90° 02' 23"W (WGS84/NAD83)
Horn Lake quadrangle - TopoZone Pro elevation display
 Projection is UTM Zone 15 NAD83 Datum

M=0.136
 G=1.699

ALL MEASUREMENTS TAKEN FROM (GROUND) (TOP OF CASING) (TOP OF BASE PLATE)

Drawing of the Well
T. D. = 1426'



RECEIVED
SEP 03 2002
BY: OLWR

WELL DATA	STARTED WELL <u>May 14, 2002</u> AND COMPLETED <u>August 1, 2002</u> TOTAL DEPTH <u>1426'</u> ELEVATION ____ STATIC WATER LEVEL <u>123'</u> LENGTH SURFACE CASING <u>46'</u> SIZE <u>26"</u> THICKNESS <u>.250</u> CEMENTED WITH <u>30</u> SACKS CEMENT TYPE PACKER LENGTH WELL CASING <u>1317'</u> SIZE <u>20"</u> WEIGHT <u>375</u> Wall CEMENTED WITH <u>300</u> SACKS CEMENT TYPE PACKER W/A INNER CASING LENGTH <u>60</u> SIZE <u>12"</u> WEIGHT <u>304</u> SS WITH <u>Fish X Back</u> GUIDES LOCATED <u>10'</u> T & B TYPE BACKOFF LEAD SEAL <u>Cement</u> BACKPRESSURE VALVE ____ GUIDE WELL STRAINER MAKE <u>Houston W W</u> SIZE <u>12</u> LENGTH <u>100</u> OPENING <u>20</u> Slot TYPE MATERIAL <u>304 Stainless</u> WITH <u>Weld & Weld</u> CONNECTIONS SIZE HOLE DRILLED FOR SURFACE CASING <u>30"</u> WITH <u>Roller</u> SIZE HOLE DRILLED FOR WELL CASING <u>25"</u> WITH <u>Roller</u> SIZE HOLE DRILLED FOR STRAINER <u>36"</u> WITH <u>Layne Underreamer</u> YARDS OF GRAVEL USED <u>19</u> Bags HOW PLACED <u>Gravel Line</u> HOW WELL WAS DEVELOPED <u>Air Lift</u> NOTES: <u>Oglebay Norton 16 - 30 Gravel Pack</u>
	RIG USED <u>Witcha-Tex DRILLER Kevin Mitchell</u>
PUMP RECORD	SERIAL NUMBER ____ MAKE ____ FOUNDATION LENGTH COLUMN ____ SIZE ____ TYPE ____ • 10 LENGTHS BOWL SIZE ____ TYPE ____ STAGES ____ MATERIAL IMPELLOR MATERIAL BOWL ____ WITH ____ PORTS AND ____ SHAFT SUCTION SIZE ____ LENGTH ____ SUCTION STRAINER IS PUMP SEALED? HOW ____ WHERE ____ WITH WHAT LUBRICATOR TYPE ____ SIZE ____ VOLTAGE LENGTH OF AIRLINE ____ SIZE ____ VOLTAGE AIR RELEASE VALVE TYPE ____ SIZE SIZE SURFACE DISCHARGE ____ TYPE ____ DAYTON COUPLING PRESSURE GAUGE ____ SPEED NOTES:
	RIG USED TO SET PUMP ____ INSTALLER DATE PUMP INSTALLED <u>20</u> DATE IN OPERATION <u>20</u>
MOTOR	MAKE ____ HP ____ FRAME PHASE ____ CYCLE ____ VOLT <u>220</u> SPEED ____ MODEL ____ SERIAL NUMBER TOP BEARING ____ BOTTOM BEARING ____ RATCHET STARTER ____ PRESSURE SWITCH ____ FLOAT
	MAKE ____ MODEL ____ SIZE ____ RATIO ____ NO. SIZE PULLEY ____ TYPE MOTOR FRAME
GEAR	MAKE ____ MODEL ____ HP ____ SERIAL NUMBER SPEED ____ SIZE PULLEY ____ FOUNDATION TYPE FUEL TANK ____ MAKE MAG. ____ NO. MAKE STARTER ____ NO. ____ TYPE FUEL MAKE FLEXIBLE SHAFT ____ SIZE LENGTH ____ BELT LENGTH
	PURPOSE FOR WHICH THIS WATER IS USED <u>Industrial</u> TEMPERATURE ____ IS WATER CLEAR <u>Yes</u> CAPACITY <u>1205</u> gpm SAND ____ HARDNESS ____ PH ____ IRON ____ NACL TYPE TREATMENT USED IS THERE A DERRICK OVER THE WELL <u>No</u> HEIGHT ____ TYPE CAN TRUCK OR RIG EASILY GET TO WELL <u>Yes</u> PUMP HOUSE <u>No</u> SIZE HATCH

CONTRACT NO. 57-5194

OUR WELL NO. 4 THEIR WELL NO. 4 IN TEST HOLE 1
 LOCATION OF THE WELL NEPCO/SNC - Southaven Plant
 INSTALLED FOR NEPCO
 ADDRESS CITY Southaven COUNTY Desoto STATE Mississippi

If well telescopes please
sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,
show location of each on sketch.

Water level data

This area for location map and notes

This may be B74!



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL SCHEDULE

FIPS: 33

WELL: B75

LOG NO.:

Recorded by: PPhillips Data Source: Permit Driller's log Date: 10/21/03

County: DeSoto Permit No.: Gw15558 DOH No.:

Quad: Horn Lake Elevation: 275

1/4: SE 1/4: SW 1/4: SW Sec.: 15 T: 15 R: 8W

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

Latitude: Longitude: GPS? From Driller From Quad?

Primary aquifer: WLCXL Secondary aquifer:

Use: IN Well status: Local well name: Production well #4

Owner: Pelts, Robert D. (Southhaven Power, LLC)

Date completed: 5/21/02 Driller: Layne-Central Well depth: 1429 Hole Depth: 1553

Pump type: T Power type: E Pump capacity: 1205 HP: 200

Casing interval: 0-1317 Casing length: 1317' Casing diameter: 20" Casing type: S

Casing interval: 1269-1329 Casing length: 60' Casing diameter: 12" Casing type: S

Screen interval: 1329-1429 Screen length: 100' Screen diameter: 12" Screen type: SS

Screen interval: Screen length: Screen diameter: Screen type:

Type of logs: E Log interval:

Initial water level: 123.6 Date: 5/21/02 M.P. description:

Water Quality Data? Source: Reliability:

Water Level Data? Source: Reliability:

Pump Test Data? Source: Reliability:

Water Use Data? Source: Reliability:

