

6W00920

PUNCHED

FORM 9-1642 (1-68)

Well No.

D10

MAR 24 1975

WELL SCHEDULE

PaA

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J.A. Callahan Source of data Old Files Date 1/13/71 Map Goodman

State 28 County (or town) 82

Latitude: 325256 N Longitude: 0895829 Sequential number: 7

Lat-long accuracy: 3 T. 12 S. R. 3 Sec 22 SW SE SE/NE/NW/NE

Local well number: D010CD1512W03E Other number: #1

Local use: 064 Owner or name: Southern Natural Gas

Owner or name: SOUT NAT GAS CO Address: no listed

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of Air cond, Bottling, Comm, Dewater, Power, Pire, Dom, Irr, Med, Ind, P S, Rec, IN/FP

water: Stock, Inactit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other U

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. U

DATA AVAILABLE: Well data Freq. W/L meas. Field aquifer char.

Hyd. lab. data:

Qual. water data; type: MSBOW

Freq. sampling: Pumpage inventory: period: Muwx

Aperture cards: D

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1414 Meas. 3

Depth cased; (first perf.) 1337 Casing type: 16x8 in 16

Finish: potous concrete, gravel v. gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other 5

Method: Drilled: air bored, cable, dug, hyd jetted, air rot, percussion, rotary, other 4

Date Drilled: 7/5/1930 9:30 Pump intake setting: ft.

Driller: Layne Central

Lift (type): air, bucket, cent, jet, multiple, multiple, noise, piston, rot, submerg, turb, other Deep Shallow 7 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. Trans. or meter no.

Descrip. MP 223 ft above below LSD, Alt. MP

Alt. LSD: 220 Accuracy: (source) 6

Water Level: ft above below MP; Ft LSD 766 Accuracy: 0

Date meas: 7:30 Yield: Flowed gpm 558 Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard. Sp. Conduct K x 10 Temp. Date sampled

Taste, color, etc. Fe = 0.2 Cl = 5 HCO3 204

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. D10

Well No. D10

Latitude-longitude _____ N
 _____ S
 d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: _____

Drainage Basin: D Subbasin: 151K

Topo of well site: (D) (C) (B) (F) (H) (K) (L) _____
 (S) (P) (T) (U) (V) _____
 offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series TE aquifer, formation, group M.W.

Lithology: D.S. Origin: 2 Thickness: 141 ft

Length of well open to: _____ ft Depth to top of: 134 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: _____

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft - Spec-cap: _____ gpm/ft - Number of geologic cards: _____

SEE D9 for loc.

Well No.	Drainage Basin	Subbasin	Depth to top of aquifer	Thickness of aquifer	Depth to consolidated rock
D10	D	151K	134	141	

Log of Well for Southern Natural Gas Co.

Well No. 1

Address near Fishers, Miss.

Well Located at

Date drilling started 7/6/1930

Date last completed 7/25/1930

FORMATION AND DEPTH OF WELL

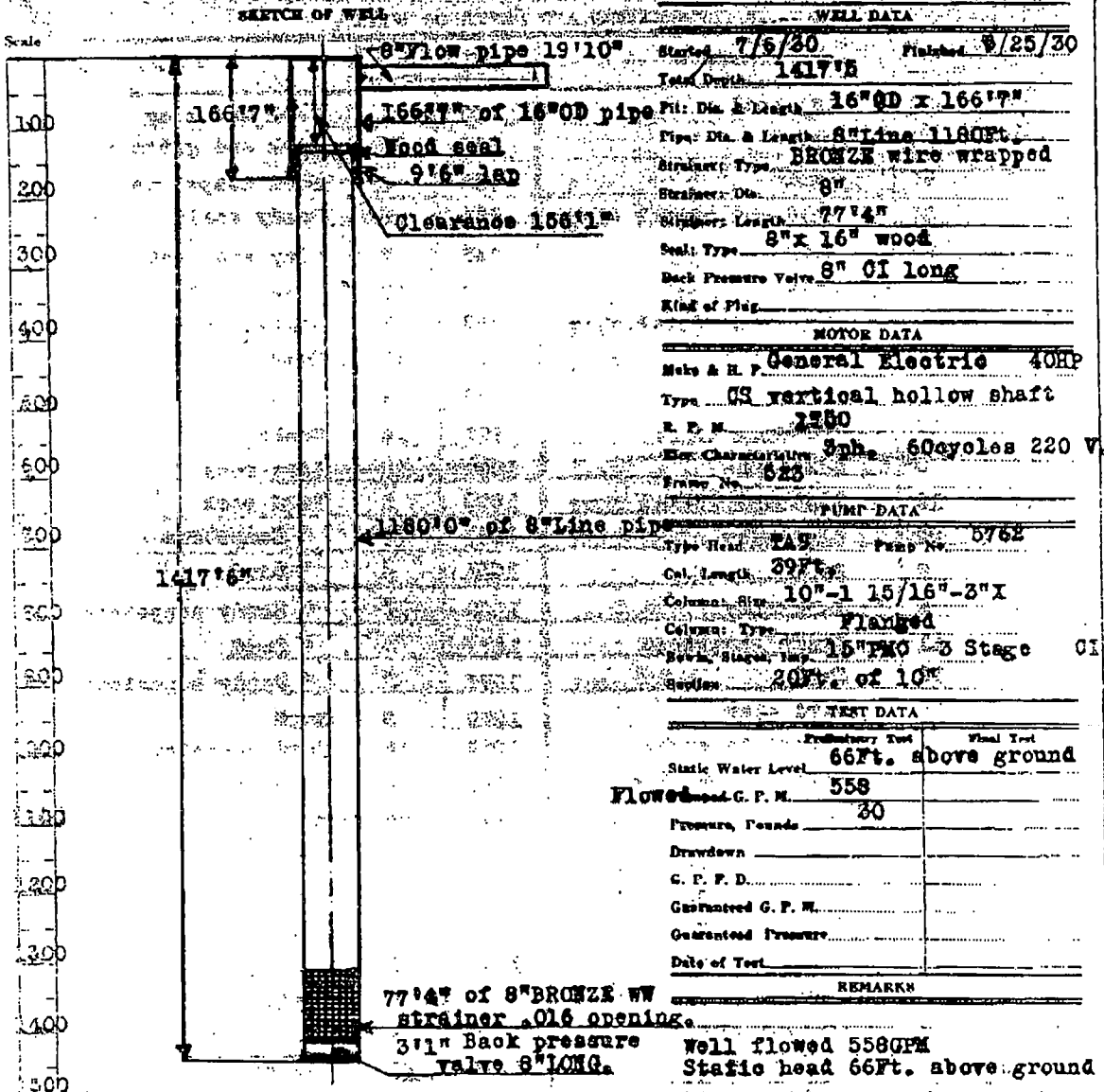
Interval Depth	Thickness Each Stratum	Formation	Total Depth	Thickness Each Stratum	Formation
0	2	Top soil	908	21	Rock and clay
12	10	Clay	926	18	Rock and green sand
59	47	Sand	950	4	Hard soapstone
112	53	Sand and streak clay	956	6	Sandy shale
160	48	Clay	945	7	Clay and sand
201	41	Sand	982	19	Green sand
222	22	Sand and streak clay	969	7	Soapstone
234	11	Sandy clay	979	10	Gumbo
259	26	Soapstone	982	4	Rock
288	28	Sand	997	14	Gumbo
295	8	Soapstone	1007	10	lime rock
314	18	Sand and streak clay	1009	1	Hard rock
334	20	Sand clay	1047	6	Soapstone
342	8	Sand	1041	4	Sand
348	6	Hard clay	1053	17	Sandy soapstone
369	21	Sandy soapstone	1074	6	Sand
379	10	Sand	1085	2	Sandy soapstone
399	20	Hard clay	1079	3	Sand
436	35	Chocolate gumbo	1095	15	Hard soapstone
498	43	Packed sand fine	1161	65	Sand rock
596	118	" " medium	1181	20	Sandy soapstone
611	16	Clay	1202	21	Hard soapstone
566	45	Packed sand	1212	10	Packed sand
663	7	Gumbo	1219	7	Clay
668	5	Sand	1260	21	Packed sand
733	65	Clay	1244	4	Muddy sand
742	9	Sandy shale	1246	4	Soft sand
747	5	Hard clay	1265	21	Packed sand
752	6	Gumbo	1279	10	Gumbo
761	8	Sand	1342	65	Packed sand
820	59	Gumbo	1351	10	Coarse sand
843	13	Soapstone and boulders	1420	65	Packed sand not so coarse
875	32	Gumbo	1422	2	Clay
876	1	Soft rock			
877	1	Clay			
878	1	Rock			

T.O. Gibbs and M.T. Long.

Driller

NOTE: THE SOLID LINES ON BOTH SIDES OF THIS SHEET ARE TO BE FILLED IN BY THE FIELD SUPT. OR DRILLER ON THE JOB.

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WELL DATA
 Started 7/5/30 Finished 9/25/30
 Total Depth 1417'8"
 Pipe Dia. & Length 16" OD x 166'7"
 Pipe Dia. & Length 8" Line 1180FT.
 Strainer Type BRONZE wire wrapped
 Strainer Dia. 8"
 Strainer Length 77'4"
 Seal Type 8" x 16" wood
 Back Pressure Valve 8" CI long
 Kind of Plug

MOTOR DATA
 Make & H. P. General Electric 40HP
 Type GS vertical hollow shaft
 R. P. M. 1750
 Exc. Characteristics 3ph. 60cycles 220 V.
 Frame No. 623

PUMP DATA
 Type Head TAG Pump No. 5762
 Col. Length 39FT.
 Column Size 10"-1 15/16"-3" X
 Column Type Flanged
 Sump Stage Imp. 15" PKO 3 Stage CI
 Sump 20FT. of 10"

TEST DATA

	Preliminary Test	Final Test
Static Water Level	66Ft. above ground	
Flowed at G. P. M.	558	
Pressure, Pounds	30	
Drawdown		
C. P. F. D.		
Guaranteed G. P. M.		
Guaranteed Pressure		
Date of Test		

REMARKS
 Well flowed 558GPM
 Static head 66Ft. above ground
 line.
 30# pressure with small leak,
 while well building pressure.
 Water 82°

Well No. 1
 Field Supv. C. A. Orines
 Driller T. O. Gibbs and M. T. Long
 Installer

WELL DRILLED FOR
 Southern Natural Gas Co.,
 near Pickens, Miss.
LAYNE CENTRAL CO.
 WATER SUPPLY CONTRACTORS
 MEMPHIS
 JACKSON MONTOOMERY
 DRAWN BY HAH DATE 10/7/30

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-00920

County: YAZOO

Owner: SOUTHERN NATURAL GAS COMPANY

Aquifer: MUWX

USGS No: D0010

BOH No: N/A

Location: NW 1/4 of the NE 1/4 of SEC 22 TWN 12N RNG 03E **Lat:** 325239 **Long:** 895826

Quad: GOODMAN

District: N/A

Date Issued: 11-MAR-86

Date Renewed: 26-MAR-96

Date Expired: 11-MAR-06

Applicant: SOUTHERN NATURAL GAS COMPANY

Owner: SOUTHERN NATURAL GAS COMPANY

Address 1: P. O. BOX 2563

Address 1: P. O. BOX 2563

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: BIRMINGHAM

City: BIRMINGHAM

State: AL **Zip:** 35202

State: AL **Zip:** 35202

Driller: LAYNE CENTRAL COMPANY

Maximum Rate: 100

Amount Withdrawn Acre feet: 162.4463

Amount Withdrawn Mgd: .145

32.87802
89.97264

Use

INDUSTRIAL
FIRE PROTECTION

Casing

Type:
Diameter: 16
Length: 166

Screen

Type:
Diameter: 0
Length:

**DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT**

GPS LOG

USER NAME (S) : DATE 5-4-2004

UNIT DEQ # : _____ FILE # : _____

HEALTH DEPT. # na _____ NEW WELL _____
ELEVATION :

USGS # : D10 OLWR # : gw-00920

OWNER : SOUTHERN NATURAL GAS CO. QUAD GOODMAN

LOCATION : S 22 T 12N R 3E COUNTY YAZOO

LOCATION DESCRIP: SOUTH EAST CORNER OF PLANT GROUNDS

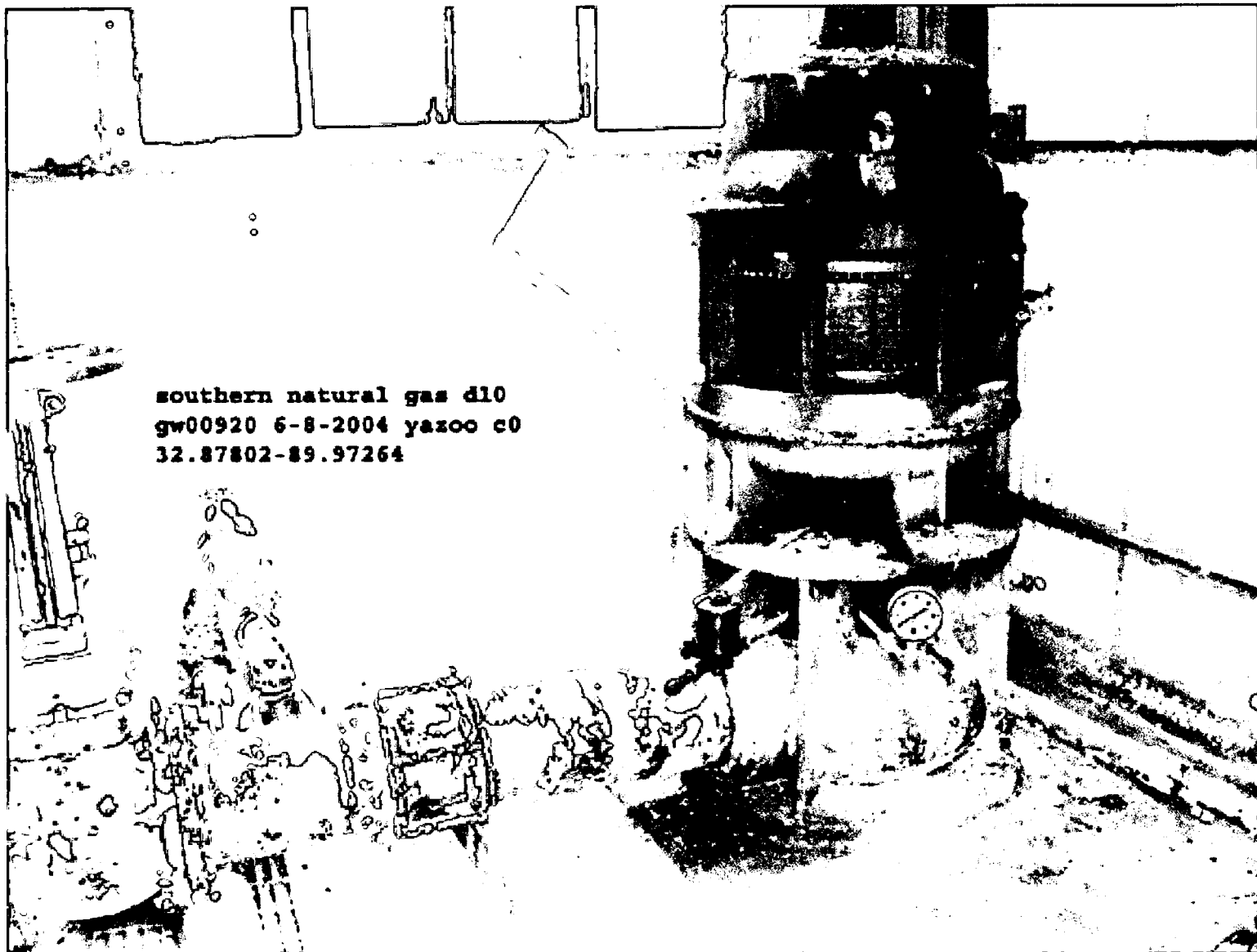
CASING DIA : 16 PUMP TB

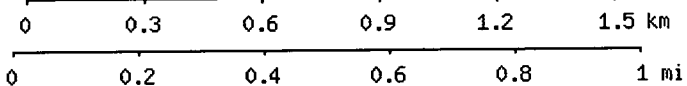
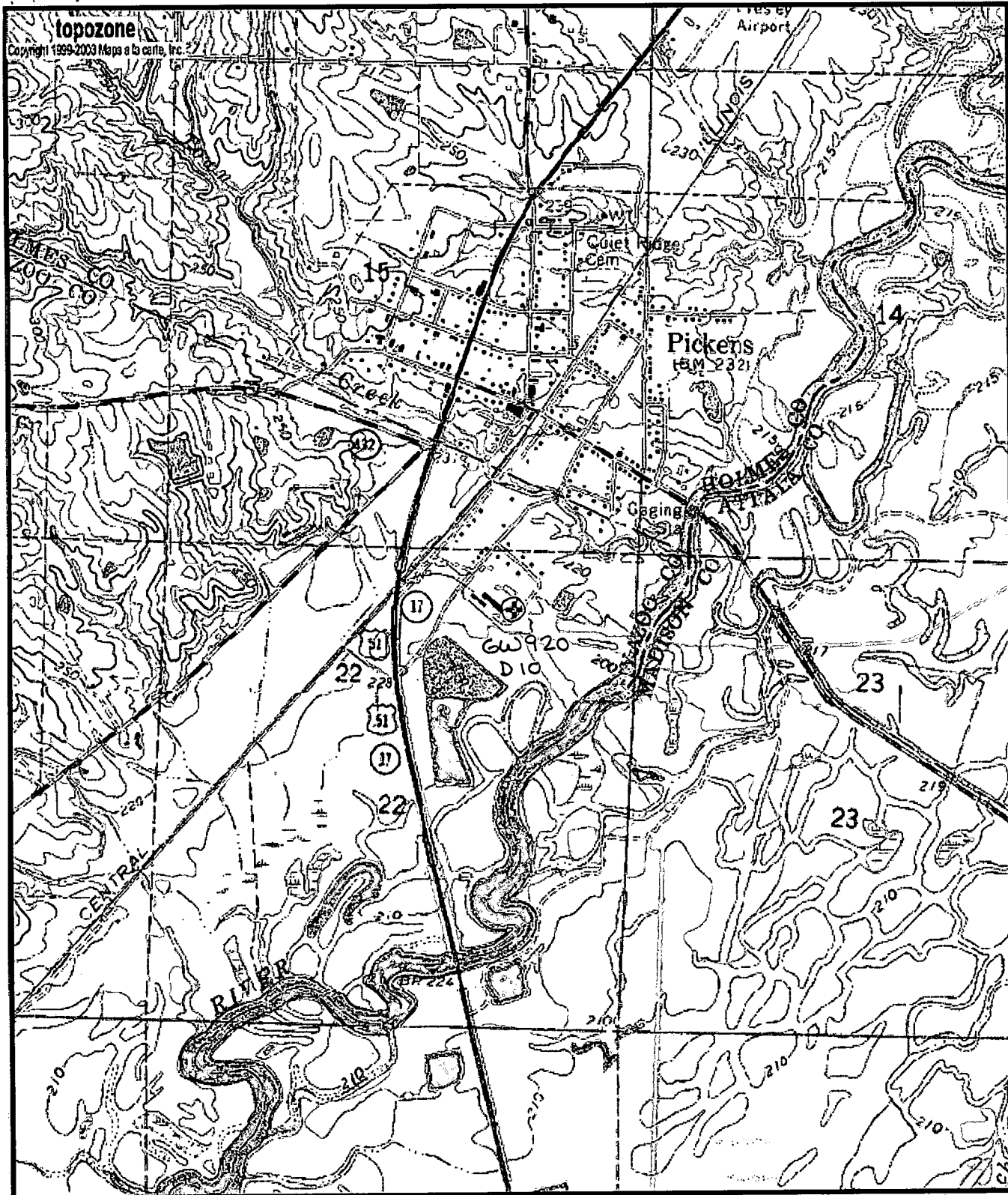
GPS FIELD LOCATION : LAT 32.87802 LONG -89.97264

GPS CORRECTED LOCATION : LAT . LONG.

REMARKS WELL IS NOT USED, BUT IS OPERATIONAL

southern natural gas d10
gw00920 6-8-2004 yazoo c0
32.87802-89.97264





Map center is 32° 52' 41"N, 89° 58' 21"W (WGS84/NAD83)
Goodman quadrangle
 Projection is UTM Zone 16 NAD83 Datum

