

9-185-July 1935
Revised

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

K4

WELL SCHEDULE

Date September, 1944 Field No. 113
Record by J. C. Kammerer Office No. K4
Source of data J. O. Dean, asst chief engineer of compressor stn.

1. Location: State Miss. County Rainbow PEARL CITY
Map WELL #1

SW 1/4, NE 1/4, SE 1/4 sec. 4 T 5 N R 2 W

2. Owner: United Gas Pipeline Co. - Compressor stn. Address 117 Brandon Rd.
Tenant _____ Address _____
Driller Layne Central Address Memphis

3. Topography flat Barometer

4. Elevation 20 ft. above MSL

PIN IS ABOVE
EST.
300.605 TOP OF
ROD IN EAST SIDE
OF CONCRETE
BASE

5. Type: Dug, drilled, driven, bored, jetted fall, 1939

6. Depth: Rept. 852 ft. Meas. _____ ft.

7. Casing: Diam. 6 in. to _____ in., Type _____
Depth 783 ft., Finish 0 - 4" strainer

8. Chief Aquifer 1939 - 86' From _____ ft. to _____ ft.
Others 1953 - 119', 1958 - 138'

9. Water level _____ ft. rept. _____ ft. above _____ below
7/20/59: 142' which is 2.0 ft. above _____ below surface

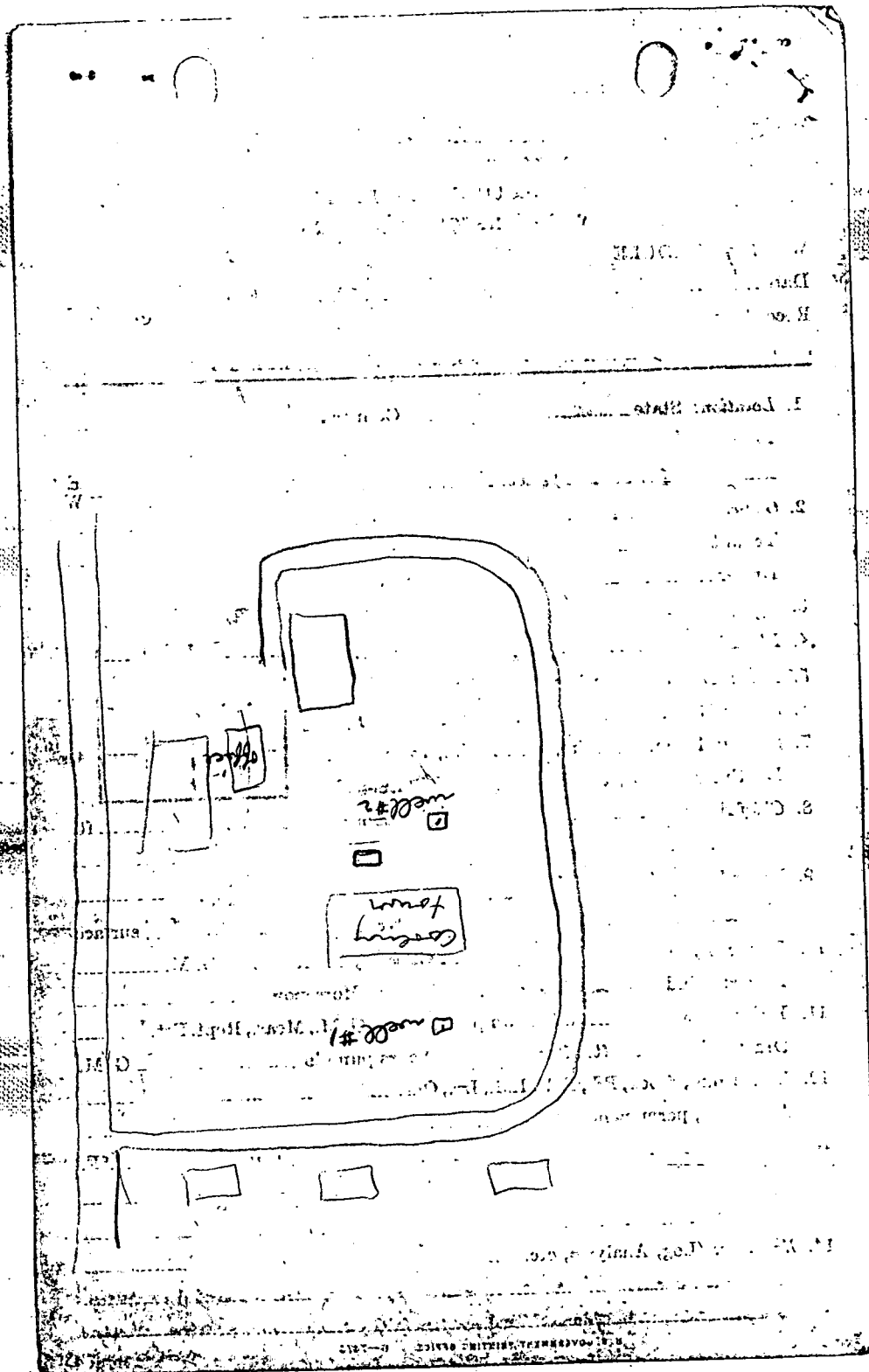
10. Pump: Type Turbine Capacity 80 (guaranteed) M.
Power: Kind gas & Elec Horsepower _____

11. Yield: Flow _____ G. M., Pump 100 G. M. (Meas.) Rept. Est. 129
Drawdown _____ ft. after _____ hours pumping _____ G. M.

12. Use: Dom, Stock, PS., RR., Ind., Irr., Obs. _____
Adequacy, permanence _____

13. Quality _____ Temp _____ °F
Taste, odor, color _____ Sample Yes _____ No _____
Unfit for Length of air line?

14. Remarks: (Log, Analyses, etc.) 38' air line meas.
measure water level by removing pressure
gage above point at which gas line enters ditch



GEOLOGICAL SURVEY

LOG OF WELL State Miss. No. 113

County Rankin
 Attached to form 9-185; record of casing, perforations, and other pertinent hydrologic data below

Material Thickness (feet) Depth (feet)

Estimate of pumpage - #1 and #2 combined
80 GPM (guarantee)
5 hrs. per day all year
24,000 gallons per day
Basis - estimate of operator
Accuracy - very good

#1
Column 309' - 4"; 295' - 1"

Excellent cooperation from B. H. Mc Donald
(chief on property) chief engineer, and
J. O. Deen, asst.

Intiative permission granted to R. W. Adams
to measure water level, by Mr. Mc Donald
J.C.K. 9/24/44

SW NE SE Sec. 4 United Gas Pipeline Co.
 SN 2 E Elev. 295 bar.
 GEOLOGICAL SURVEY

LOG STRIPPED
 LOG OF WELL State Miss. No. 113 K4

County Rankin
 Attached to form 9-185; record of casing, perforations, and other pertinent hydrologic data below

Material Thickness (feet) Depth (feet)

United Gas #1
clay 127 127
gumbo 81 208
shale, sandy, hard clay streaks 130 338
sand, fine 23 361
clay, hard 7 368
shale, sandy 32 400
sand, fine clayey 103 503
shale, sandy 24 527
soapstone; shale 145 672
shale, sandy 13 885
sand 10 695
sand; clay 63 758
sand, fine 46 804
sand, coarse 48 852

GEOLOGICAL SURVEY

United Geol #1 State Miss No. 113

Sheet 2 of 4 County Rankin

Location Proceed 2.1 miles E on Hwy 80 from

Hwy 80 and Fannin Rd. junction, 1.15 miles NE

along Old Brandon Rd, 0.9 mile N along gravel rd.

500' W of road, 140' N of cooling tower, in open

Reference bench mark No. Beginning....., 194.....

Measuring point No. Beginning....., 194.....

Measuring point No. Beginning....., 194.....

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

GPS LOG

USER NAME (S) : RLB

DATE : AUG 5-2002

UNIT DEQ # : _____

FILE # : _____

HEALTH DEPT. # : NA

ELEVATION : _____

USGS # : K004

OLWR # : MS-GW-01403

OWNER : GULF SOUTH PIPELINE

QUAD : JACKSON SE

LOCATION : _____ S _____ T _____ R _____ COUNTY RANKIN

LOCATION DESCRIPTION : @ GAS PLANT IN PEARL

CASING DIA :

PUMP TYPE & SIZE : SUB.

GPS FIELD LOCATION : LAT. 32.30267

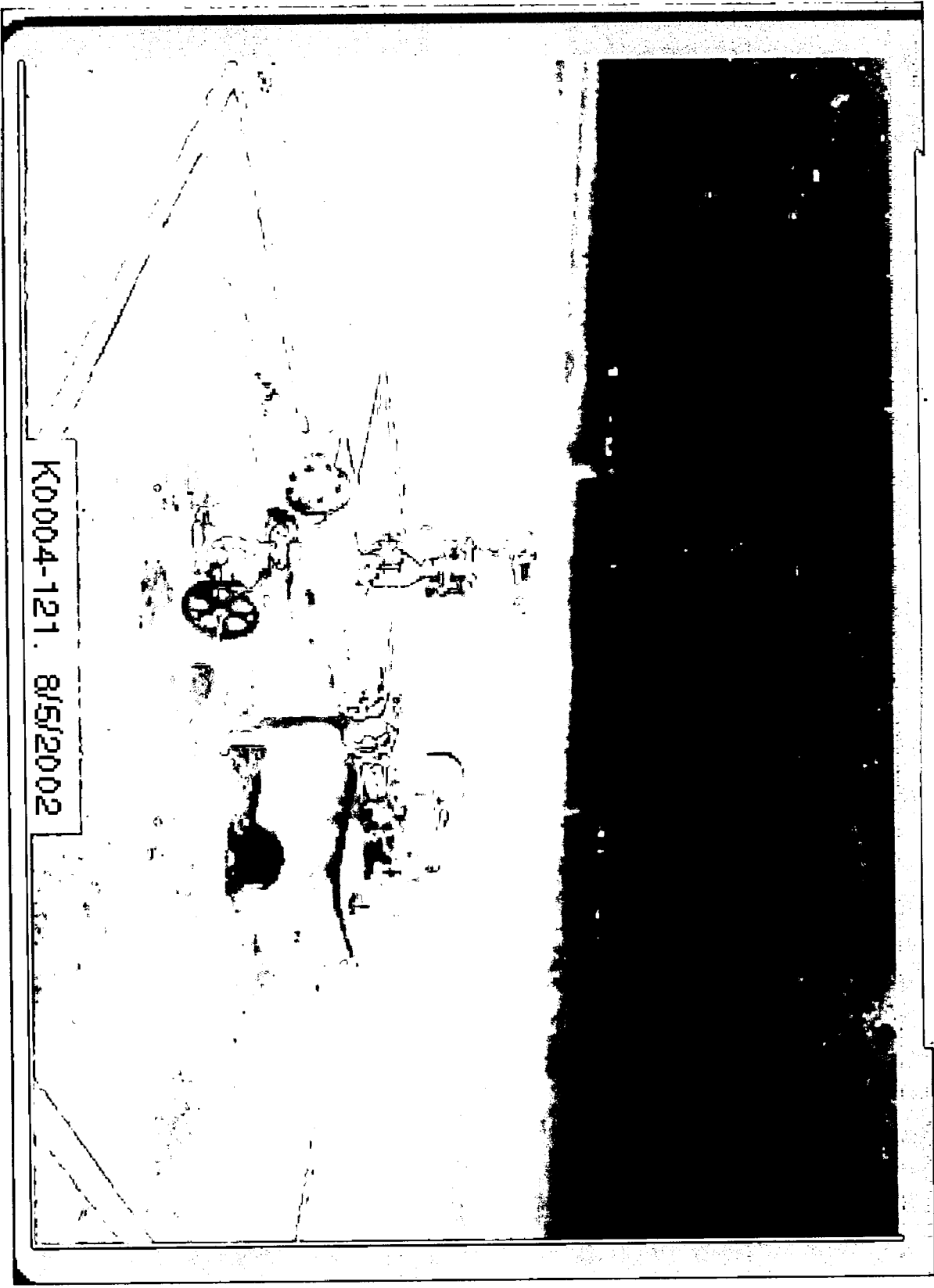
LONG. -90.09300

GPS CORRECTED LOCATION : LAT. _____ LONG. _____

REMARKS : POO0722PDS SENT TO WAYNE

32° 18' 09.6" 90° 05' 34.8"

K0004-121. 8/5/2002



TopoZone.com

Target is 32.3027°N, 90.0930°W - JACKSON SE quad [Quad.Info]

