

WRD Ex. (GW)
April 1966

Well No. E-29

WL Data

12/1/88

WL = 20.69

10/31/89

17.50

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

PUNCHED and VERIFIED
ROLLA CURRICULUM BRANCH

MASTER CARD

Record by BE Wasson Source of data J E Smith Supt. 9/29/60 Date 11/4/70 Map LAKE CORMORANT

State Miss. 00 County (or town) Desoto 6 Sequential number: 1

Latitude: 34 53 51 N Longitude: 09 00 9 52 W

Lat-long accuracy: 2 T. 2 S. R. 9 Sec 21 NW 1/4, SW 1/4, NW 1/4

Local well number: E 0 2 9 E C 2 1 0 2 5 0 9 W Other number: B & M

Local use: 0 6 4 Owner or name: TEXAS GAS TRANSMISSION

Owner or name: TEXAS GAS TRANSMISSION Address: _____

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other N

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data: _____

Qual. water data; type: USGS 4/60

Freq. sampling: _____ Pumpage inventory: yes no; period: _____

Aperture cards: _____ yes no

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 390 ft Meas. rept accuracy 3

Depth cased: (first perf.) 350 ft Casing type: _____; Diam. 12x8 in

Finish: (C) porous concrete, (F) gravel v. concrete, (G) gravel w. screen, (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other G

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse percussion, (G) trenching, (H) driven, (I) drive wash, (J) other H

Date Drilled: 9/1949 9 4 9 Pump intake setting: _____ ft 7.4

Driller: Layne Central Memphis Tenn

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) nose, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 20 U Trans. or meter no. _____

Descrip. MP Breathes hole in pump base 1.7 ft above/below LSD. Alt. MP 204

Alt. LSD: 206 Accuracy: (source) 3

Water Level: _____ ft above/below MP; _____ ft above/below LSD Accuracy: 4

Date meas: 7-11-74 7 7 4 Yield: @ 50# gpm 500 Method determined 61

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct _____ K x 10⁶ Temp. _____ °F 63 Date sampled 4.6.0

Taste, color, etc. _____

DEC 9 1974
MOT

206
11
195

WL MP-12.82
WL LSD-11.12
MP-top of base
1.7 LSD

Well No. E29

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 03 Section: _____
Province: _____

D Drainage Basin: _____ 15E Subbasin: _____

Top of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat
Winnipeg - Tall...

MAJOR AQUIFER: TE system _____ series _____ aquifer, formation, group S

Lithology: S Origin: 2 Aquifer Thickness: _____ ft
Length of well open to: _____ ft Depth to top of: _____ ft

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

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
Length of well open to: _____ ft Depth to top of: _____ ft

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

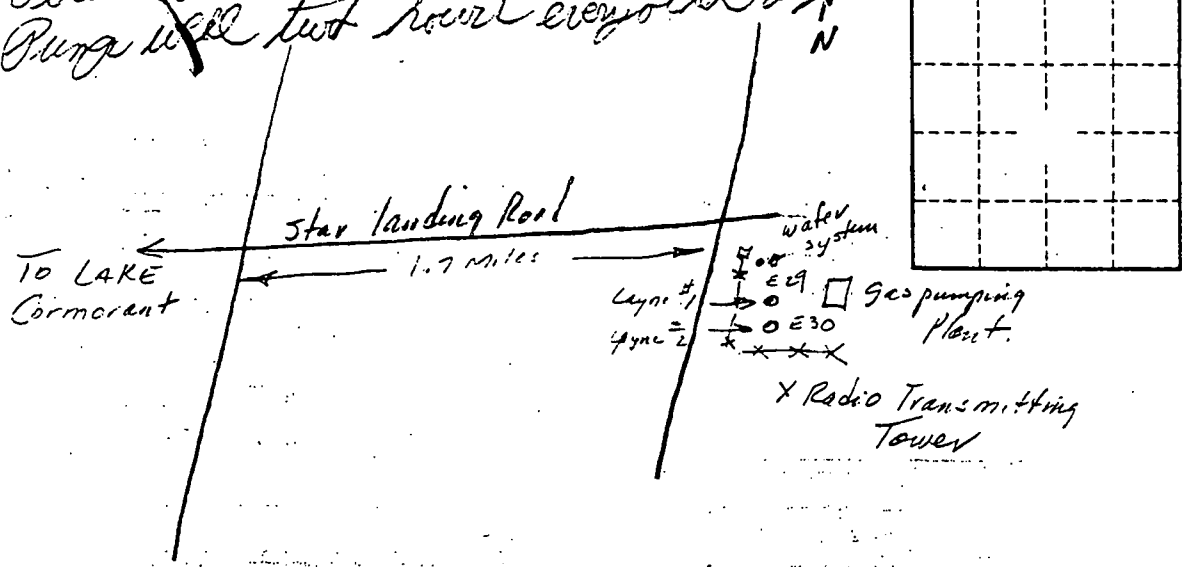
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

7-11-74 Obtain water from wells in Area Pump well two hour every other day



*meas. water level = 14' below lsd
6-7-60*

UP-DATED

Well No. E29

WILCOX DATA SHEET-VERIFICATION CHECKLIST

Lake Cormorant Quad

COUNTY DESOTO

WELL OWNER Texas Gas Transmission Station

CHECKED

U.S.G.S. NO. E-29

10/18/94

B.O.H. NO. N/A

10/18/94

OLWR NO. GW-01905

LOCATION:

MAP SW, NW, SW, NW S 21, T 2 S, R 9 W

10/18/94

GPS v

ELEV. (MSL) 206'

10/18/94

W.L. (L.S.) (1) - 17.07'

10/18/94

(2) - 17.09'

10/18/94

HEAD (MSL) + 188.91'

10/18/94

SCREENED INTERVAL 350' - 390' (L.S.) / - 144' - -184' (MSL)

10/18/94

AQUIFER VERIFIED Winona-Tallahatchee (Memphis Aquifer)

10/18/94

PREVIOUS W.L. -17.50' (1984) / -20.69' (1988) / -11.12' (1980) / -14' (1974)

10/18/94

DATA ENTERED _____

SPARTA

DATA SHEET-VERIFICATION CHECKLIST

COUNTY DE SOTO

QUAD LAKE CORMORANT

WELL OWNER TEXAS GAS TRANS

CHECKED

U.S.G.S. NO. E29

EFB
11-7-95

B.O.H. NO. _____

OLWR NO. _____

LOCATION:

MAP SW NW SW NW 21 2S 9W

✓

GPS _____

ELEV. (MSL) 206

✓

W.L. (L.S.) (1) 16.3

✓

(2) 16.3

✓

HEAD (MSL) 189.7

✓

SCREENED INTERVAL 350-390

✓

AQUIFER VERIFIED SPARTA

✓

PREVIOUS W.L. 17.50 10-31-89

✓

DATA ENTERED _____

Mississippi Department Of Environmental Quality
Office of Land and Water Resources

Water Supplier Information Sheet

Name of Water System Texas Gas Transmission Corporation
Mailing Address _____
City _____ County _____ Zip _____
Health Department (Public Water Supply) ID Number _____

Name of Owner Texas Gas Transmission Corporation
Address P.O. Box 200
City Lake Comorant County De Soto Zip 38641

Water Superintendent/Operator

Name _____
Address _____
City _____ Zip _____
Work Phone _____ Home Phone _____
MSDH Certification Number _____

Secretary/Treasurer/Bookkeeper

Name _____
Address _____
Work Phone _____ Home Phone _____

System Information

How many usable sources of water (wells for groundwater systems, purchase points if buying water, etc.) does this system have? Wells 2 Purchase Points 0
Others (explain) _____

How many active connections on this system? 1
How many people does this system serve? 0

How many gallons of water did this system:
pump during the 1993 calendar year (Jan - Dec)? Unknown gal.
sell during the 1993 calendar year (Jan - Dec)? 0 gal.
How many gallons of water did this system purchase during the 1993 calendar year (Jan - Dec)?
0 gal. From whom? N/A

Name of individual completing this form: Darrell Morgan
Phone Number: Work (502) 926-8686 Home _____

Complete this form once for each Water System

Mississippi Department of Environmental Quality
Office of Land and Water Resources

Well Data Form

Name of Water System or Facility Texas Gas Trans.-Lake Comorant Date 06/27/94
Number of wells 2 PWS ID

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 Sheet No. 1 of 1

PWS Well ID No.

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 Date of Construction 04151

Well Depth 390 ft. Casing diam. 12 in. Type pump Electric
Active Unused Standby X Abandoned Metered yes X no
Pumping Rate: Unknown gpm. Average time of daily operation: < 1 hrs.
Location Description Two miles east of US 61 at 2672 Wilson Mill Road (21 miles south of Memphis).

Remarks This well is only to maintain a full tank for fire fighting purposes.

PWS Well ID No.

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 Date of Construction

Well Depth 390 ft. Casing diam. 8 in. Type pump Electric
Active Unused Standby X Abandoned Metered yes X no
Pumping Rate: Unknown gpm. Average time of daily operation: < 1 hrs.
Location Description same as above

Remarks same as above

PWS Well ID No.

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 Date of Construction

Well Depth ft. Casing diam. in. Type pump
Active Unused Standby Abandoned Metered yes no
Pumping Rate: gpm. Average time of daily operation: hrs.
Location Description

Remarks

PWS Well ID No.

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 Date of Construction

Well Depth ft. Casing diam. in. Type pump
Active Unused Standby Abandoned Metered yes no
Pumping Rate: gpm. Average time of daily operation: hrs.
Location Description

Remarks

PWS Well ID No.

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 Date of Construction

Well Depth ft. Casing diam. in. Type pump
Active Unused Standby Abandoned Metered yes no
Pumping Rate gpm. Average time of daily operation hrs.
Location Description

Remarks

Copy this form if you have more than 5 wells

