10/78

DOH #370014-04 PERMIT #GW-0673 PURVIS QUAD TRANSMITTED FOR NDT

Recorded by WTO

Date 3-23-76

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Y77

Well No. H97

E-Log No. 111

County LAMAR

GEN. SITE DATA

Site ID 5 31132408923420119 | R=0* | T=A M* | 2=W* (V)

Data reliab. 3=C U* | Report. agency 4=USGS* | Dist. 6=28* | 7=28* | Co. 8=073*

Lat. Long./ 9=31324* | 10=0892342* | Well No. 12=H097*

Location 13=~~SW NW~~ NW NW SE S15 T03N R14W* | Alt. 16=~~318.~~* 294

Hyd. Unit(OWDC) 20=* | Date 21=01/26/1976*

Well use 23=W* | Water Use 24=N* | Hole depth 27=798.* | Well depth 28=793.*

WL 30=187.* | Date 31=02/25/1976* | Source 33=D*

Status 273 =*

OWNER

R=158* | T=A M* | Date 159#02/25/1976* | Owner No. Well # 2 4

Owner 161=SOU MS ELECT POWER*

I think this is the #4 well according to date drilled. Pat

FIELD OW

R=192* | T=A M* | Date 193#08/03/1978* | Temp. 196#00010* | 197=23.0*

R=192* | T=A M* | Date 193#08/03/1978* | Cond. 196#00095* | 197=100.*

R=192* | T=A M* | Date 193#08/03/1978* | pH 196#00400* | 197=6.9*

CONSTR.

R=58* | T=A M* | 59# 1* | Date 60=02/25/1976* | Remarks

Drlg. 63=064* | Name Layne | Method 65=H* | Finish 66=G*

CASING

R=76* | T=A M* | 59#1*

Top csgn. 77#0.* | Bot. csng. 78=715.* | Diam. 79#24.*

R=76* | T=A M* | 59#1*

Top csng 77#658.* | Bot. csgn. 78=713.* | Diam. 79#18.*

OPENINGS

R=82* | T=A M* | 59#1* | Top 83#713.* | Bottom 84=793.*

Type 85=S* | Diam. 87=18.* | Size 88=.*

R=82* | T=A M* | 59#1* | Top 83#.* | Bottom 84=.*

Type 85=* | Diam. 87=.* | Size 88=.*

YIELD

R=134 (146)* | T=A M* | 147# 1* | Q 150=2000.* | Q/S 272=.*

LIFT

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

Date 38= 02/25/1976 * | H.P. 46= 450. *

LOGS

R=198* | T= A M * | Log 199# D * | Top 200= 0. * | Bot 201= 798. *

R=198* | T= A M * | Log 199# E * | Top 200= 55. * | Bot 201= 730. *

R=189* | T= A M * | E Log No. 190# 111 * | 191= MISS DIST *

ANAL.

R=114* | T= A M * | Year 115# 1978 * | Type 120= B *

AQUIFERS

R=90* | T= A M * | 256# 1 * | Top 91= 712. * | Bot 92= 790. *

Unit ID 93= 122 MOEN * | Name of Unit

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

Unit ID 93= * | Name of Unit

HYDRAULICS

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)/ft^2

110= . * | Storage coeff. Boundaries

Loc on sched H90

LAMAR
H97
2-25-76
EL Gr #111

CODED

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

WATER WELL DRILLERS LOG

2-25 (date well completed) 19 76 Layne Central Co. (firm name) Lamar (county well located)

LANDOWNER: South Mississippi Electric Power Association

P.O Box 1589 Hattiesburg, Miss. (mailing address)

WELL LOCATION: Well #2

sec. 15 T 3 N R 14 W

(distance) miles (direction) of (nearest town)

WELL PURPOSE: Industrial (home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

(1) diameter (inches) 24"

(2) total depth (feet) 799'

(3) static water level (feet) 187' below above top of ground

(4) casing Steel (material), 715' (depth),
24" (size) + 55' @ 18" If telescoped, give back.

(5) screen 80' (length), 713' (depth to top)
18" (size), Stainless Steel (material)

(6) pump 450 (HP) 2000 (yield gpm)

(type power)

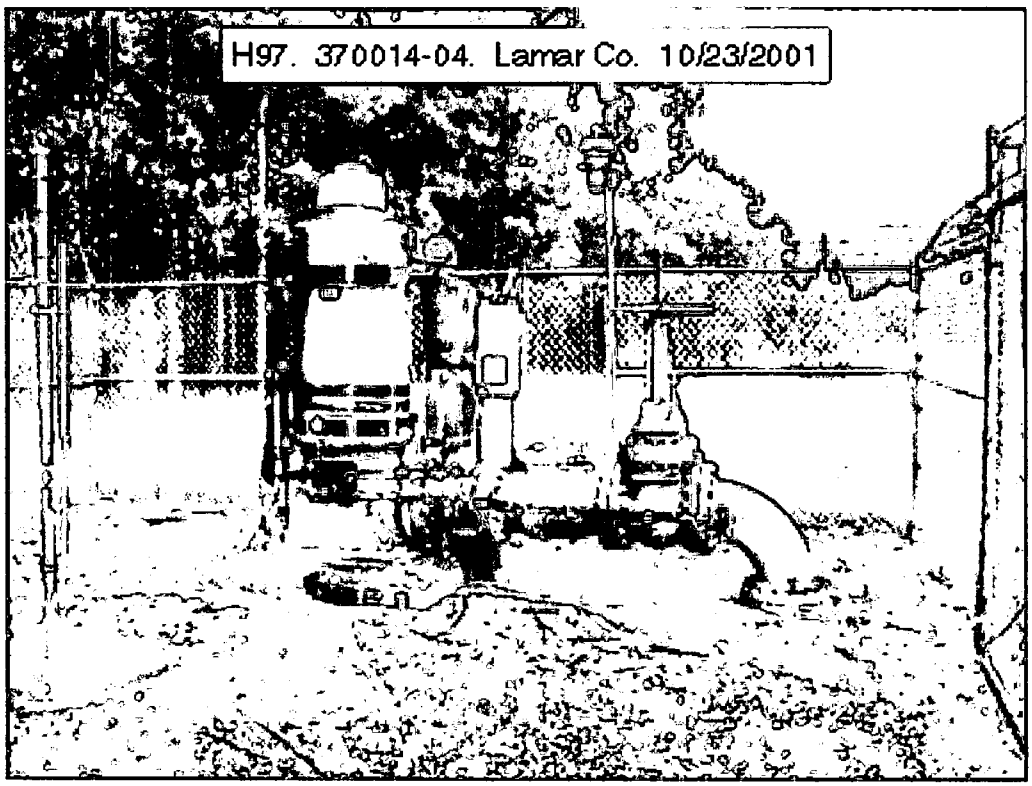
(7) electric log Yes (yes or no)
Miss Geo. Survey (organization running log) ✓

(8) how well bottom plugged

DRILLERS REMARKS:

description of formations encountered	from	to
Fill Soil	0	5'
Red Sand & Clay Streaks	5'	45
Hard Clay	45	261
Clay & Sand Streaks	261	276
Sand	276	308
Sandy Shale	308	366'
Clay & Sand Streaks	366	405
Hard Clay (10)	405	516
Clay & Sand Streaks	516	626
Hard Clay	626	643
Sandy Clay	643	670
Sand & Shale Streaks	670	694
Fine Sand	694	754
Sand & Shale Streaks	754	759
Coarse Sand	759	793
Clay & Sand Streaks	793	798

RECEIVED
JUN 30 1976
MISS. BD. OF WATER COMM


H97. 370014-04. Lamar Co. 10/23/2001

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Purvis Quad

USER NAME(S): SHB + CAH DATE: 7-14-94

UNIT DEQ #: 82555 FILE #: G0714 21C

HEALTH DEPT. #: 370014-04 ELEV. 295

USGS #: 265 H97 OLWR #: GW 1673

OWNER: RD Morrow Power Plant

LOCATION: SW NW S 15 T 3N R 14W COUNTY: Lamar Co

LOCATION DESCRIPTION: .8 mi N of main Entrance To Plant off of Okahola Rd which is 2 mi W of Hwy 11. About 5 mi N. of Purvis

CASING DIA: _____ PUMP TYPE & SIZE: 450 HP Elec

GPS FIELD LOCATION: LAT. 31° 13.361 LONG. 89° 23.837

GPS CORRECTED LOCATION: LAT. 31.222184 LONG. 89.397342

REMARKS: GPS at well

GPS

PURVIS QUADRANGLE
MISSISSIPPI–LAMAR CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

3146 IV SE (HATTIESBURG)