

DOH# 350003-02 PERMIT # GW-02195 PRESTON QUAD

TRANSMITTED FOR 4/78

6/77 WTO

Recorded by WTO

Date 1/10/78

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

Well No. A17
E-Log No. 38
County Kemper

Site ID 3 2 5 2 2 3 0 8 8 4 9 4 1 0 1 R=0* T=A* 2=W*

GEN. SITE DATA

Data reliab. 3=C Report. agency 4=USGS Dist. 6=28* 7=28* Co. 8=0,6,9*

Lat. 9=3 2 5 2 2 3 Long. 10=0 8 8 4 9 4 1 Well No. 12=A 0 1 7

Location 13=SENW S 24 T 1 2 N R 1 4 E Alt. 16=520 524

Hyd. Unit (OWDC) 20= Date 21=11/08/1977

Well use 23=W Water Use 24=P Hole depth 27=299 Well depth 28=280

WL 30=120 Date 31=01/17/1978 Source 33=D

Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159# 01/17/1978 Owner No. Well #2

Owner 161=N KEMPER W A
N W KEMPER

FIELD ON

R=192* T=A* Date 193# Temp. 196#00010* 197=

R=192* T=A* Date 193# Cond. 196#00095* 197=

R=192* T=A* Date 193# pH 196#00400* 197=

CONSTR.

R=58* T=A* 59# 1* Date 60=01/17/1978 Remarks

Drlg. 63=330 Name He. ndon Method 65=H Finish 66=S

CASING

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

Top csng. 77# 0 Bot. csng. 78=240 Diam. 79# 8

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

Top csng. 77# 173 Bot. csng. 78=240 Diam. 79# 4

OPENINGS

R=82* T=A* 59# 1* Top 83# 240 Bottom 84=280

Type 85=S Diam. 87=4 Size 88=.015

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

Type 85= Diam. 87= Size 88=

YIELD

R= 146 T=A* 147# 1* Q 150=290 Q/S 272=

134 flows 146 pumped

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

LIFT

Date 38= 01/17/1978* H.P. 46= 20.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 294.*

R=198* T= A * Log 199# E* Top 200= 10.* Bot 201= 299.*

R=189* T= A * E Log No. 190# 038* 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * Type 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 146.* Bot 92= 299.*

Unit ID 93= 124WLCXL* Name of Unit

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

Unit ID 93= * Name of Unit

HYDRAULICS

R=98* T= A * 99# 1 * Unit tested 100= * 103= *

R=105* T= A * 99# 1 * Test No. 106# *

107= * Transmissivity (gal/d)/ft

108= * Hydraul. cond. (gal/d)/ft²

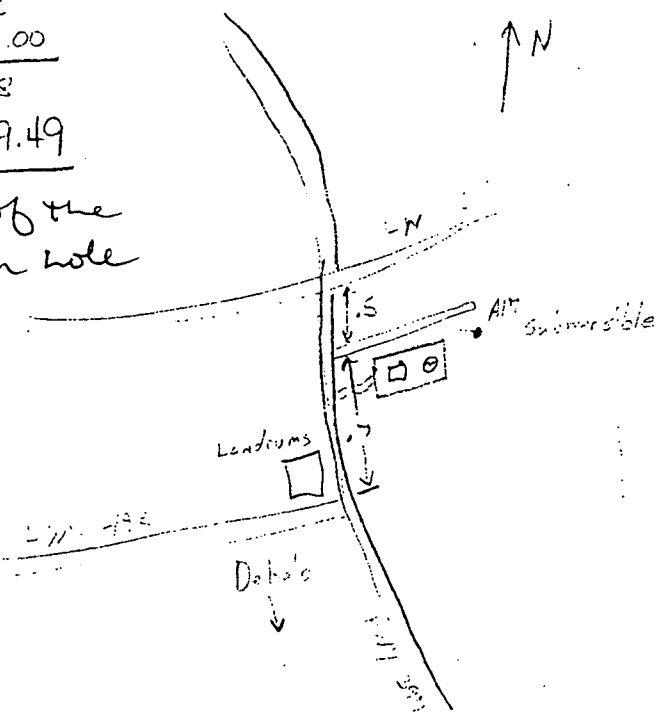
110= * Storage coeff. Boundaries

R=121* T= * Yr Begin 122# *

Water Level Data Collection (1)

11/18/82
WL = 112.00
11/30/88
WL = 119.49

MP TOP of the
breather hole



description of formations encountered	from	to
Brown Sandy Clay	0	17
Brown & White Chalk	17	25
Blue Rock	25	90
Sand (Coarse White)	90	125
Rock	125	126
Lignite	126	132
Blue Rock	132	142
Sand (Very Coarse)	142	175
Blue Clay	175	181
Sand	181	294

KEMPER
A17
1/17/78
EL # 38

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

CODED

Jan. 17 19 78 Herndon Well & Supply, Inc. Kemper
 date well completed firm name county well located

LANDOWNER: <u>NW Kemper Water Ass'n.</u>	description of formations encountered	from	to
<u>Preston, Ms. 39354</u> (mailing address)	Brown Sandy Clay	0	17
	Brown & White Chalk	17	25
WELL LOCATION: sec. <u>24</u> T. <u>12</u> N. R. <u>14</u> E XX XX	Blue Rock	25	90
	Sand (Coarse White) Rock	90	125
_____ miles of _____ (distance) (direction) (nearest town)	Lignite	125	126
	Blue Rock	126	132
WELL PURPOSE: <u>Community</u> (home, irrigation, municipal, industrial)	Sand (Very Coarse)	132	142
	Blue Clay	142	175
WELL COMPLETION DATA:	Sand	175	181
		181	294
(1) diameter (inches) <u>8x4</u>			
(2) total depth (feet) <u>276'</u>			
(3) static water level (feet) <u>120</u> ^{below} XXXX top of ground.			
(4) casing <u>steel</u> <u>240'</u> (material) (depth)			
<u>8"</u> (size) if telescope see back.			
(5) screen <u>40'</u> <u>240'</u> (length) (depth to top)			
<u>4"</u> <u>Stainless Steel</u> (size) (material)			
(6) pump <u>20</u> <u>290</u> (HP) (yield gpm)			
<u>Electric</u> (type power)			
(7) electric log <u>yes</u> (yes or no)			
<u>Ms. Geological Sur.</u> (organization running log)			
(8) how well bottom plugged <u>4" RWV</u>			
DRILLERS REMARKS:			

CODED

RECEIVED

JAN 27 1978

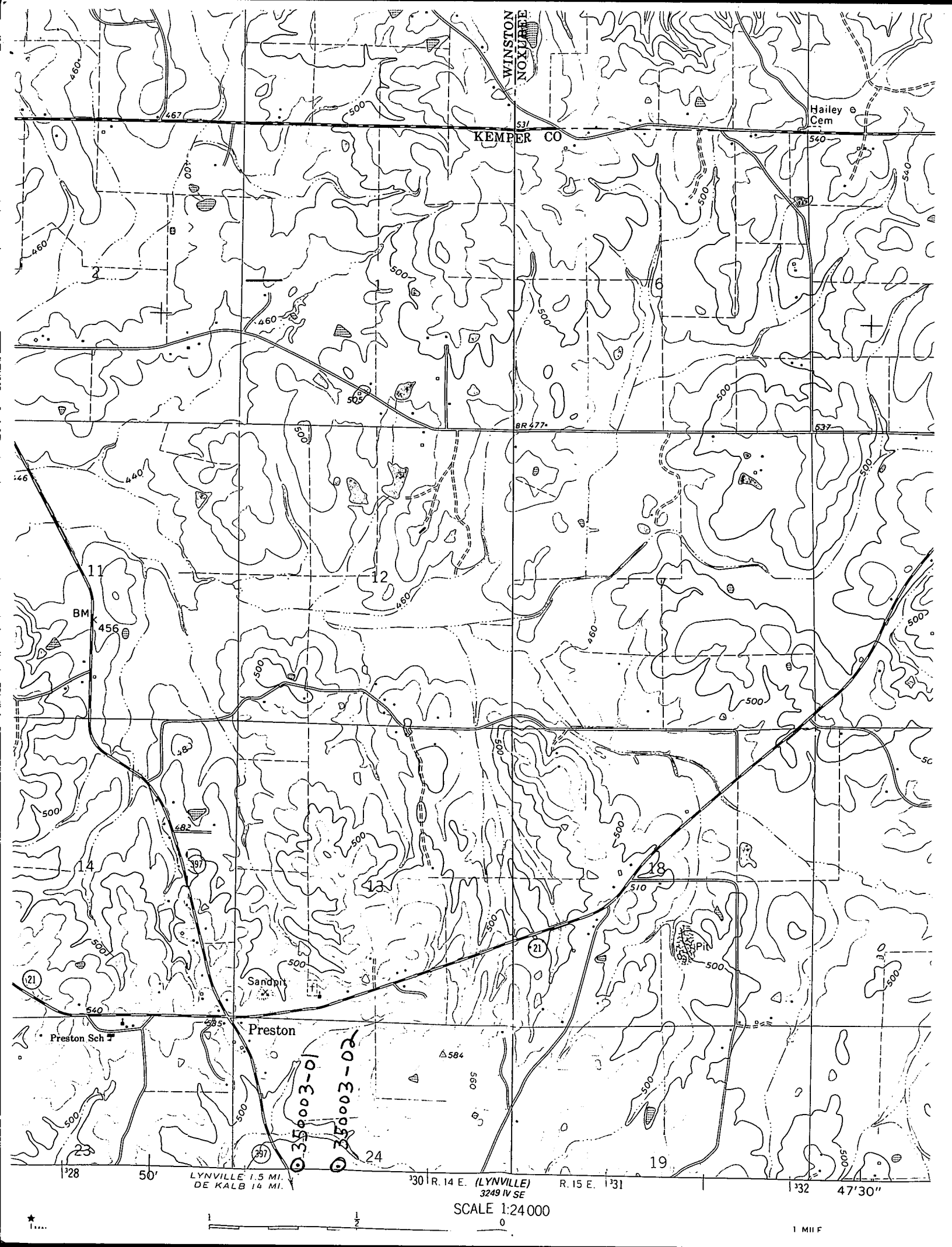
MISS. BD. OF WATER COMM

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hotw/beat DATE: 1/16/97
UNIT DEQ #: 82859 FILE #: B011621B
HEALTH DEPT. #: 350003-02 ELEV. 545 524
USGS #: A17 OLWR #: GW#02195
OWNER: NW Kempet W/A #1 - Preston QUAD: Preston
LOCATION: SE-NW S 24 T 12N R 14E COUNTY: Kempet
LOCATION DESCRIPTION: (on dirt drive) .15 mi. East of Elev. Tank + Plant on East Side of Hwy 397 .50 mi. SE of Intersection with Hwy 21
CASING DIA: 10" PUMP TYPE & SIZE: Submersible (Preston)
GPS FIELD LOCATION: LAT. 32° 52' 32.3" LONG. 88° 49' 22.8"
GPS CORRECTED LOCATION: LAT. 32.87512994 LONG. 88.82211052
REMARKS: GPS at Well.



KEMPER CO

WINSTON
NOXURRY

Hailey Cem

Preston

Sandpit

Preston Sch

LYNVILLE 1.5 MI.
DE KALB 14 MI.

330 R. 14 E. (LYNVILLE)
3249 IV SE

R. 15 E. 131

132 47'30"

SCALE 1:24,000

1 MILE

35003-01
35003-02