

1 Add  
1 to  
F-12

GW12570  
DOH # 0070007-02

1/51 WTO

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

Well No. KIS  
E-Log No. 79  
County Calhoun

Recorded by WTO  
Date 10/16/84

GPSd 12/4/96 PP/DH

Site ID 3.3.5.2.3.1.0.8.9.1.5.5.0.0.1 R=0\* T=A\* 2=W\*

Bruce  
1128

Data reliab. 3=C\* Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=013\*

Lat. Long./ 9=3.3.5.2.3.1\* 10=0.8.9.1.5.5.0\* Well No. 12='K015'\*

Location 13=SENE S 11 T 14 S R 01 W\* Alt. 16=322.343\*

Hyd. Unit (OWDC) 20= Date 21=10/02/1984\*

Well use 23=W\* Water Use 24=P\* Hole depth 27=197.4\* Well depth 28=197.4\*

WL 30=1.6.5.\* Date 31=12/28/1984\* Source 33=D\* 1/12/83

Status 273= Project No. 5=

WL=170.93

R=158\* T=A\* Date 159# 12/28/1984\* Owner No. #2

Owner 161# DUNCAN HILL WA

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=

R=58\* T=A\* 59# 1\* Date 60=12/28/1984\* Remarks

Dr. lg. 63=053\* Name T.M. PARKS Method 65=H\* Finish 66=G\*

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

Top csgn. 77# 0.\* Bot. csgn. 78=1910.\* Diam. 79# 8.\*

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

Top csgn. 77# 1870.\* Bot. csgn. 78=1923.\* Diam. 79# 4.\*

R=82\* T=A\* 59# 1\* Top 83# 1923.\* Bottom 84=1974.\*

Type 85=S\* Diam. 87=4.\* Size 88=

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

Type 85= Diam. 87= Size 88=

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

134 flows 146 pumped

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

Date 38= 12/28/1984\* H.P. 46= 30.\*

LIFT

R=198\* T= A \* Log 199# E\* Top 200= 42.\* Bot 201= 1965.\*

R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 1974.\*

R=189\* T= A \* E Log No. 190# 079\* 191= M I S S D I S T \*

LOGS

5/30/91  
DH/JE  
190.00  
16.69  
173.31

R=114\* T= A \* Year 115# \* 117= \* 120= \*

ANAL.

R=90\* T= A \* 256# 1 \* Top 91= 1790.\* Bot 92= \*

AQUIFERS

-220 MP  
171.11

Unit ID 93= 211 GORD \* Name of Unit

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

Unit ID 93= \* Name of Unit

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

HYDRAULICS

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

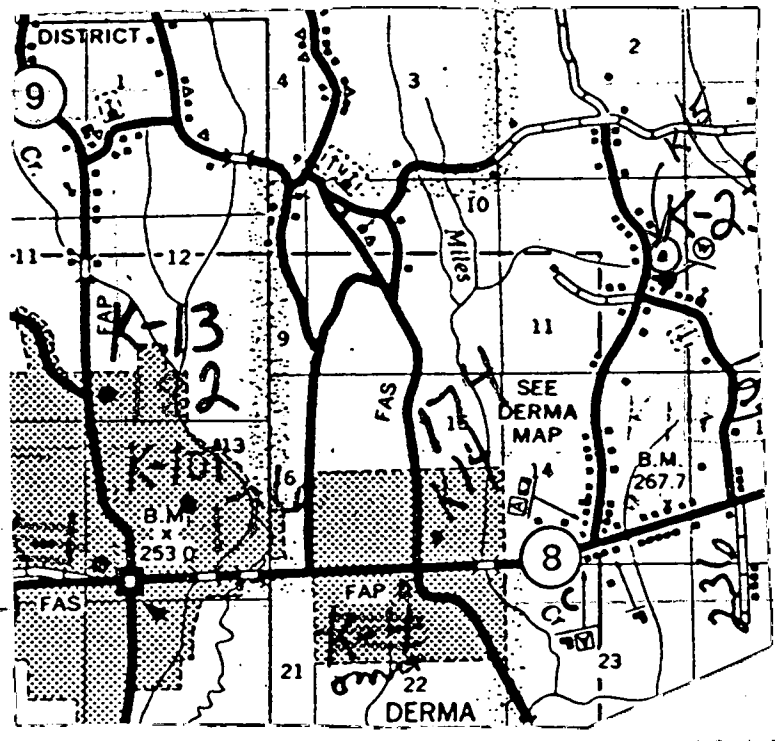
107= \* Transmissivity (gal/d)/ft

108= \* Hydraul. cond. (gal/d)/ft<sup>2</sup>

110= \* Storage coeff. Boundaries

R=121\* T= \* Yr Begin 122# \* Network 258# \*

Water Level Data Collection (1)



description of formations encountered	from	to
topsoil	0	42
fine sand streaks	42	52
hard limestone foundation	52	580
limestone w/clays	690	790
clay w/streak		
limestones	790	1510
fine sandy w/streaks		
shale	1510	1790
good sand (course)	1790	1815
tough gumbo & shallow sand	1815	1890
good gravel formation	1890	1974
TOTAL DEPTH		1974

CALHOUN  
 K15  
 12-28-84  
 DW 12569

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

**CODED**

**WATER WELL DRILLERS LOG**

Dec. 28 1984 T.M. Parks Drlg. Co. Calhoun  
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Duncan Hill Water Assoc., Rt 2 Calhoun City, MS38916 (mailing address)			
WELL LOCATION: sec. 11 T. 14 N R. 10 E 3 miles NE of Derma (distance) (direction) (nearest town)	fine sand streaks	42	52
	hard limestone		
WELL PURPOSE: Municipal (home, irrigation, municipal, industrial)	foundation	52	580
	limestone w/clays	690	790
WELL COMPLETION DATA: (1) diameter (inches) 13 3/4" (2) total depth (feet) 1974 (3) static water level (feet) 165' below top of ground. (4) casing US steel 1910' (material) (depth) 8 5/8" telescope see back. (size) (5) screen 51' 1023' (length) (depth to top) 4" Stainless (size) (material) (6) pump 30 150 (HP) (yield gpm) 30 (type power) (7) electric log yes (yes or no) MGS (organization running log) (8) how well bottom plugged BPV	clay w/streak		
	limestones	790	1510
	fine sandy w/streaks		
	shale	1510	1790
	good sand (course)	1790	1815
	tough gumbo & shallow sand	1815	1890
	good gravel formation	1890	1974
	TOTAL DEPTH		1974
DRILLERS REMARKS:			

**CODED**

1-18-85  
JW

If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,  
show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips / Hardin DATE: 12/4/96

UNIT DEQ #: \_\_\_\_\_ FILE #: A1204156

HEALTH DEPT. #: 070007-02 ELEV. 340

USGS #: K15 OLWR #: 6w12570

OWNER: Duncan Hill Water Supply QUAD: Bruce

LOCATION: SE/NE S 11 T 14S R11W COUNTY: Calhoun

LOCATION DESCRIPTION: On County Rd 419 ; 1.5 miles north of  
Hwy. 8

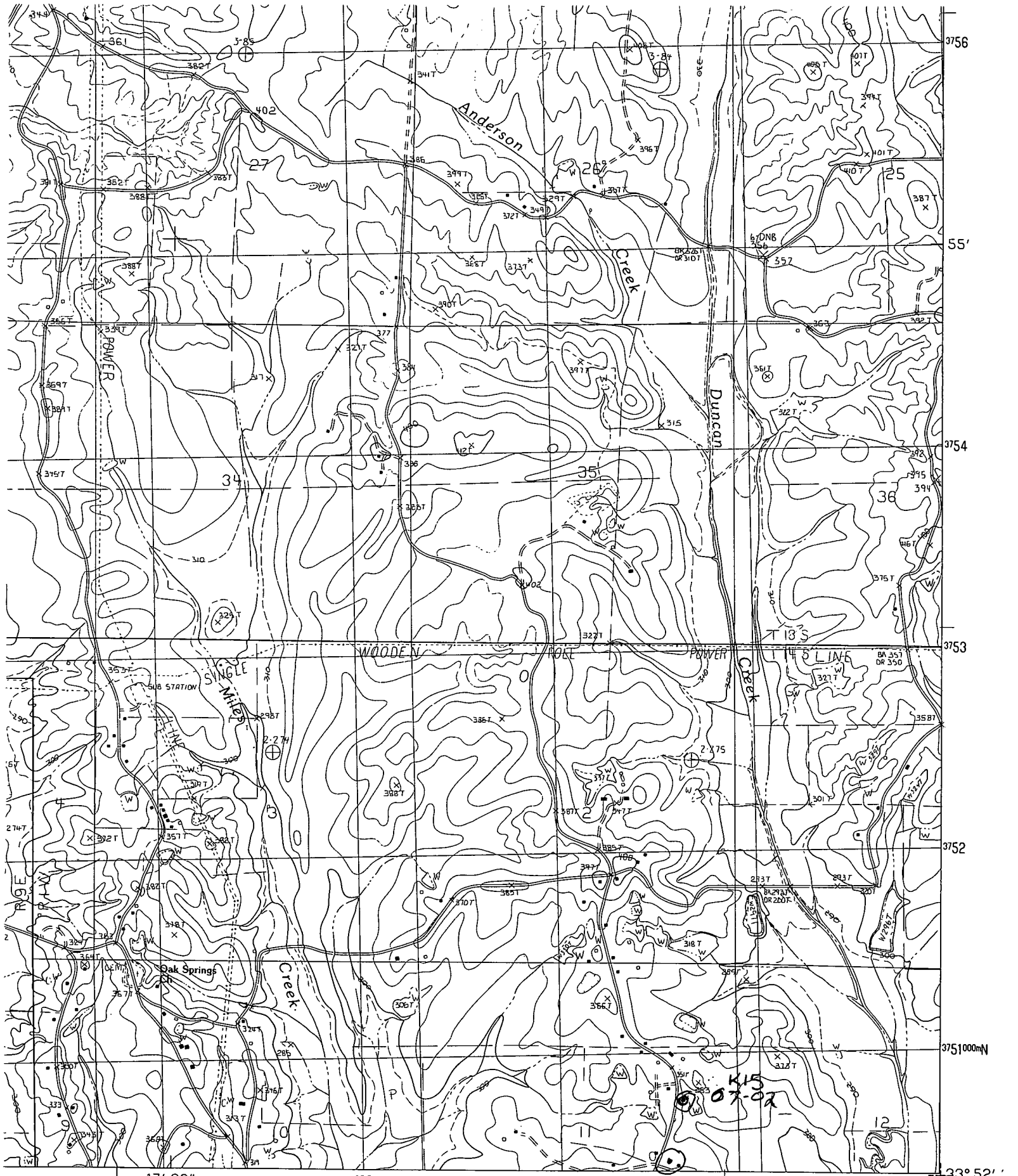
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/20 HP

GPS FIELD LOCATION: LAT. 33° 52.655' N LONG. 89° 15.874' W

GPS CORRECTED LOCATION: LAT. 33.87739759 LONG. 89.26440059

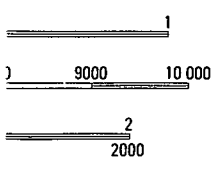
REMARKS: Measured 30' north of well

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



17' 30" 289 290 0700 07-01 291000mE 89° 15' 33° 52'

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984



MISS.  
QUADRANGLE LOCATION

**ROAD LEGEND**

- Improved Road .....
- Unimproved Road .....
- Trail .....