

GW 13749  
D04 80007-02

Betheden Quad

Coded By Q 4/90  
Checked By JK 9-30-91  
Entered By JK 9-27-91  
Date 9-27-91  
U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

Well No. F36  
E-Log No. \_\_\_\_\_  
County WINSTON  
Agency \_\_\_\_\_

WELL RECORD

Agency Code U S G S	Site Id 1 33083108857117011	Project No. 5
Station Name 12 F036 PUGHS MILLY W IA	Latitude 9 3308311	Longitude 10 08857117
Lat/Long Ac. 11 S F T M	Dist 6=28	State 7=28
County 8 159	Land Net 13 NW 1/4 S 22 T 15 N R 13 E	
Location Map 14 BETHEDIEN	Altitude 16 550	Met/Meas 17 A L M
	Accuracy 18 15	Hydrologic Unit 20 03118101011

Agency Use 803 A I	Date Inventoried 711	Station Type Y	Data Type 804
Instru. 805	Remarks 806	Relia. 3 C L M U	2 W X

Date of Construction 21 02/1181/1990	Well Use 23 M	Water Use 24 P	Primary Aquifer 714 24 W L C X L	Hole Depth 27 2108
Well Depth 28 2101	Water Level 30 188	Water Level Date 31 02/1181/1990	Method 34 T	Status 37 T
			Source 33 D	

CONSTRUCTION DATA

R=58	T=A	723#1	Construction Date 60 02/1181/1990	Contractor 63 053	Name Parks	Method 65 H	Finish 66 G
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CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	Top/Casing 77	Bot/Casing 78	Diameter 79 110
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R=76	T=A	725#2	59#1	Top/Casing 77	Bot/Casing 78	Diameter 79
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CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	Top/Depth 83 1160	Bot/Depth 84 2101	Diameter 87 16	Type 85 S	Length 89	Width 88
R=82	T=A	726#2	59#1	Top/Depth 83	Bot/Depth 84	Diameter 87	Type 85	Length 89	Width 88

CONSTRUCTION LIFT DATA

R=42	T=A	254#1	Lift Type 43 T	Date 38 02/1181/1990	Intake 44
Power 45 E	H.P. 46 115	Serial No. 49			

MISCELLANEOUS OWNER DATA

R=158	T=A	718#1	Date of Ownership 159 02/1181/1990	Owner Name 161 PUGHS MILLY W IA
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MISCELLANEOUS OTHER ID DATA

R=189	T=A	736#1	E-Log No. 190	Assigner 191 M I S S I D I S T
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MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934     /     /         *	Aquifer Sampled 195                 *	Temp 196#00010	Value 197
R=192	T=A	738#2	Date of Measurement 1934     /     /         *	Aquifer Sampled 195                 *	Sp Cond 196#00095	Value 197
R=192	T=A	738#3	Date of Measurement 1934     /     /         *	Aquifer Sampled 195                 *	pH 196#00400	Value 197

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 1994     *	Beq. Depth 200                 *	End Depth 201     20   8       *
R=198	T=A	739#1	Log Type 1994     *	Beq. Depth 200                 *	End Depth 201                 *

MISCELLANEOUS NETWORK DATA *706 = WL, QW, WD \**

R=114	T=A	730#1	Beq. Year 115     9       *	End Year 116     9       *	Agency Source 120=A 117#           *	Freq. 118       *
R=121	T=A	730#2	Beq. Year 115     9       *	End Year 116     9       *	Agency Source 117#           *	Freq. 118       *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184     /     /           *	Remarks 185                     *
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148   02   / 118   / 119   9   0   *	Type 703#   0   *	Discharge 150     115   0       *	Sp. Capacity 272             *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91     11   2       *	Depth Bot. 92                 *	Unit Id 93     2   4   W   L   C   P     *	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100                     *	103                     *
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*Sam Smith Eng*

*© Intersection  
W side  
up N.E. Rd  
800' on  
L.P.F.*

Description of formation encountered	from	to
SANDS WITH CLAYS	0	64
CLAY WITH FINE SAND	64	112
SAND (GOOD)	112	208

Winston  
 F36 90  
 2-18-89

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES  
 Bureau of Land and Water Resources  
 Southport Mall  
 P.O. Box 10631  
 Jackson, Mississippi 39209  
**WATER WELL DRILLERS LOG**

Coded  
 90

2/18 19 89 T. M. PARKS DRILLING CO. WINSTON  
 date well completed firm name county well located

LANDOWNER: PUGHS MILL WATER ASSN.  
 POST OFFICE BOX 230  
 LOUISVILLE, MS 39339  
 (mailing address)

description of formations encountered	depth	
	from	to
SANDS WITH CLAYS	0	64
CLAY WITH FINE SANDS	64	112
SAND [GOOD]	112	208

WELL LOCATION:  
 sec. 22 T. 15 (N) S R. 13 (E) W  
 (distance) miles (direction) of (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 14
  - (2) total depth (feet) 208
  - (3) static water level (feet) 88 below above top of ground.
  - (4) casing STEEL (material) (depth) 10 3/4 ft telescope see back. (size)
  - (5) screen 40 (length) 160 (depth to top) 6" (size) STEEL (material)
  - (6) pump 7 1/2 (HP) 150 (yield gpm) 220 3PHASE (type power)
  - (7) electric log YES (yes or no)
  - GEOLOGICAL SURVEY (organization running log)
  - (8) how well bottom plugged BVP

RECEIVED  
 MAR 27 1989  
 Department of Natural Resources  
 Bureau of Land & Water Resources

DRILLERS REMARKS:



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 11/7/96

UNIT DEQ #: 82859 FILE #: B110722B

HEALTH DEPT. #: 80 0007 - 02 ELEV. \_\_\_\_\_

USGS #: \_\_\_\_\_ OLWR #: \_\_\_\_\_

OWNER: Pugh's Mill Water Assoc. QUAD: Betheden

LOCATION: NW-NE S 22 T 15 N R 13 E COUNTY: WINSTON

LOCATION DESCRIPTION: ON NW side of Mill Creek Rd. .15 mi. NE of  
Intersection with McLeod Rd. (NE of Louisville)

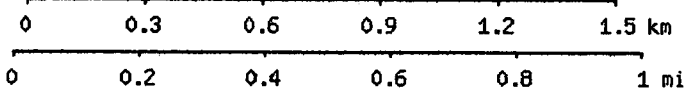
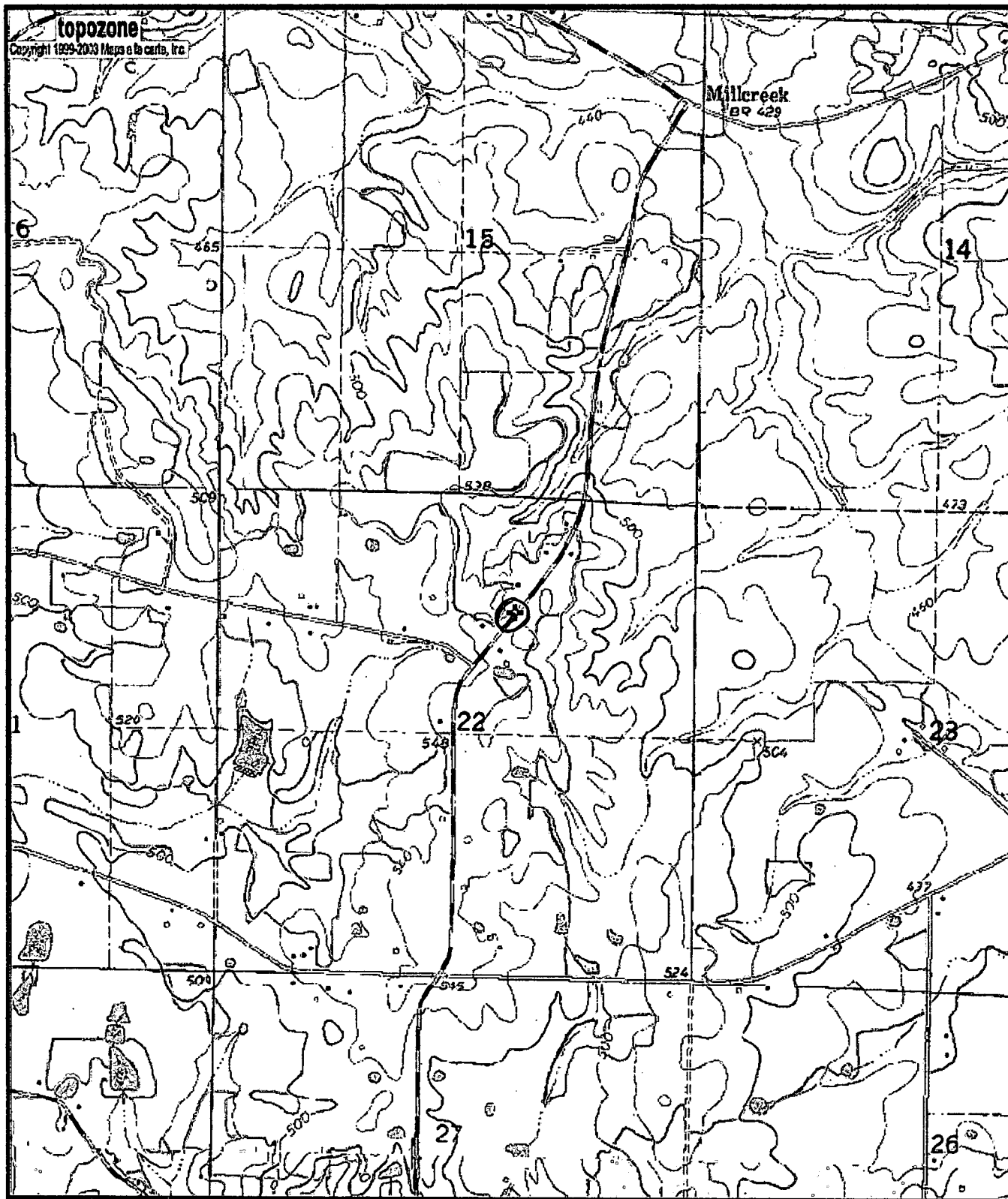
CASING DIA: 8" 10" PUMP TYPE & SIZE: submersible

GPS FIELD LOCATION: LAT. 33° 08' 32.4" LONG. 88° 57' 18.2"

GPS CORRECTED LOCATION: LAT. 33.14180903 LONG. 88.95510826

REMARKS: GPS at Well,

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\_\_\_\_\_  
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Map center is 33.1418°N, 88.9551°W (WGS84/NAD83)

**Betheden** quadrangle

Projection is UTM Zone 16 NAD83 Datum

GW-13749

DOH-800007-02

M=-0.521  
G=-1.069