

Note: log run for this says it is for the test hole, + loc. on log doesn't quite match loc. of well.

GW12638

DOH# 700022-01

Well No. 67

Coded By \_\_\_\_\_  
 Checked By \_\_\_\_\_  
 Entered By \_\_\_\_\_  
 Date \_\_\_\_\_

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

E-Log No. 38  
 County 139  
 Agency \_\_\_\_\_

WELL RECORD

Agency Code U S G S Site Id 1 | | | | | | | | | | | | | | | | | | | | Project No. 5 | | | | | | | | | |

Station Name 12 | | | | | | | | | | | | | | | | | | | | Latitude 9 | | | | | Longitude 10 | | | | |

Lat/Long Ac. 11 | S | F | T | H Dist 6=28 State 7=28 County 8 | | | | Land Net 13 N | E | W | E | S | 3 | 2 | T | 0 | 3 | S | R | 0 | 1 | 5 | E |

Location Map 14 = | | | | | | | | | | | | | | | | | | | | Altitude 16 | 6 | 6 | 0 | Met/Meas 17 | A | L | H Accuracy 18 | | | | Hydrologic Unit 20 = | | | | | | | | | |

Agency Use 80 | A | I | O Date Inventoried 711 | | / | / | | | | | | | Station Type | | | | | Y Data Type 804 | | | | | | | | | |

Instru. 805 | Remarks 806 | | | | | | | | | | | | | | | | | | | | Relia. 3 | C | L | H | U | 2 = W X

Date of Construction 21 | 0 | 6 | / | 2 | 2 | / | 1 | 9 | 8 | 8 | Well Use 23 | Water Use 24 | Primary Aquifer 714 | 2 | | | | | C | O | F | F | | Hole Depth 27 | | 1 | 8 | 8 | 1 |

Well Depth 28 | | 1 | 7 | 6 | 9 | Water Level 30 | | 3 | 2 | 3 | Water Level Date 31 | 0 | 6 | / | 2 | 2 | / | 1 | 9 | 8 | 8 | Method 34 | Status 37 | Source 33 |

CONSTRUCTION DATA

Construction Date 60 | | / | / | | | | | | | | Contractor Name Herndon Method 65 | Finish 66 |

CONSTRUCTION CASING DATA

R=	T=A	Well No.	Top/Casing	Bot/Casing	Diameter
76	A	725#1	59#1 77         10	78#1 17   11   9	79#1 11   10
76	A	725#2	59#1 77     6   5   1	78#1 17   11   9	79#1 11   10

CONSTRUCTION OPENINGS DATA

R=	T=A	Well No.	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1	59#1 83     17   11   9	84#1 17   6   9	87#1 11   6	85#1	89#1 15   0	88#1
82	A	726#2	59#1 83	84#1	87#1	85#1	89#1	88#1

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 | Date 38 | | / | / | | | | | | | Intake 44 | | | |

Power 45 | H.P. 46 | | | | Serial No. 49 | | | | | | | | | | |

MISCELLANEOUS OWNER DATA

Date of Ownership 159 | | / | / | | | | | | | | Owner Name 161 | S | P | I | O | U | T | S | P | R | I | N | G | S | W | A |

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190 | | | | Assigner 191 | K | I | S | S | O | I | S | T | Well #2

HISCELLANEOUS QW DATA

R	T	W	Date of Measurement	Aquifer Sampled	Temp	Value
192	A	738#1	1934 / / / / / / / / .	195 / / / / / / / / .	196#00010	197 / / / /
192	A	738#2	1934 / / / / / / / / .	195 / / / / / / / / .	196#00095	197 / / / /
192	A	738#3	1934 / / / / / / / / .	195 / / / / / / / / .	196#00400	197 / / / /

HISCELLANEOUS LOGS DATA

R	T	W	Log Type	Beg. Depth	End Depth
198	A	739#1	1994 E .	200 / / / / / 18 / .	201 / / 18 18 10 / .
198	A	739#1	1994 / .	200 / / / / / / .	201 / / / / / / .

HISCELLANEOUS NETWORK DATA

706 = WL, Q, V, D \*

R	T	W	Beg. Year	End Year	Agency Source	Freq.
114	A	730#1	115 / / / / .	116 / / / / .	120=A 117# / / / / .	118 / / .
121	A	730#2	115 / / / / .	116 / / / / .	117 / / / / .	118 / / .

HISCELLANEOUS REMARKS DATA

R	T	W	Date of Remarks	Remarks
183	A	311#1	184 / / / / / / / / .	185 / / / / / / / / .

DISCHARGE DATA

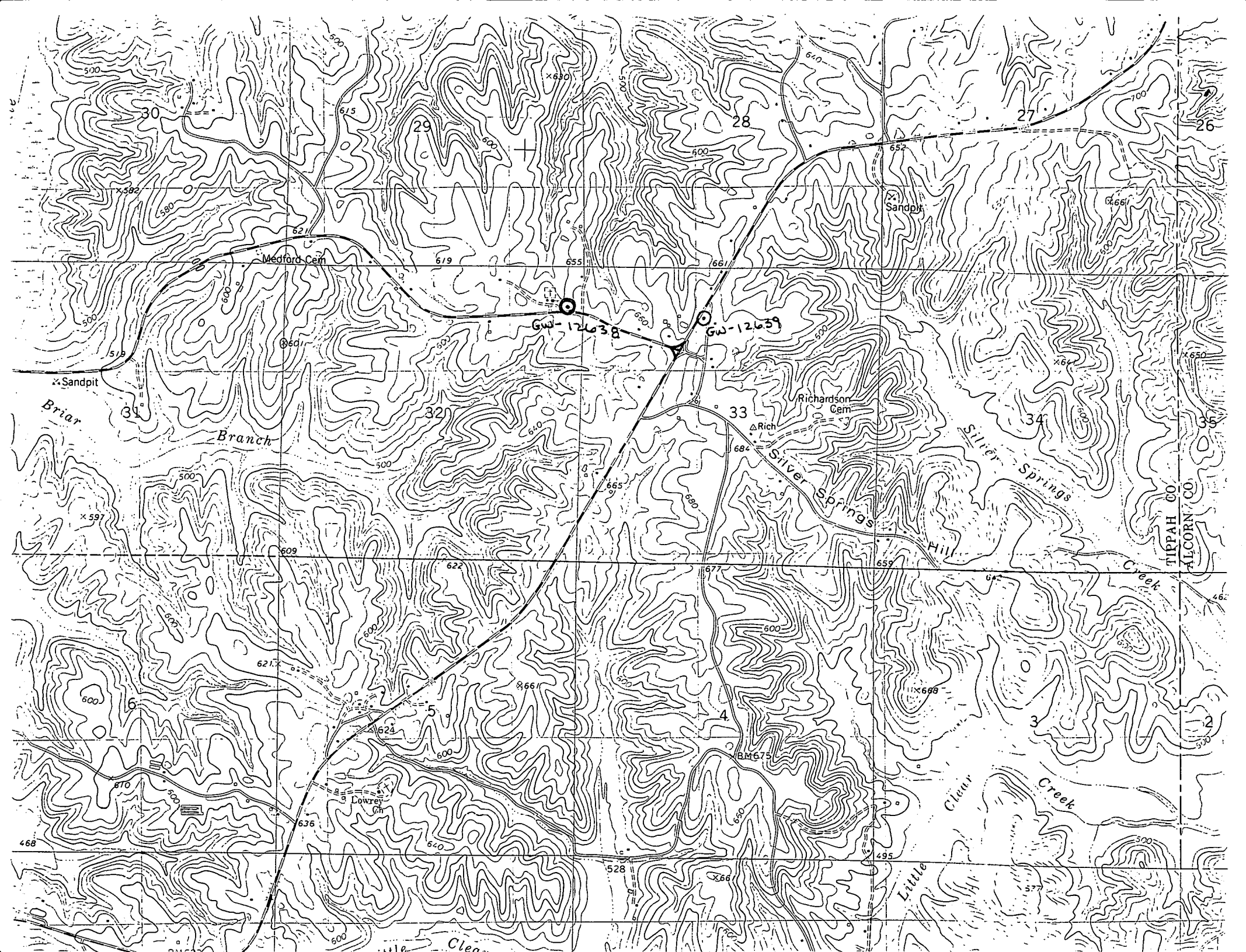
R	T	W	Pump/Flow	Date	Type	Discharge	Sp. Capacity
146	A	147#1	Flow	148 / / / / / / / / .	703 P F	150 / / / / / / / / .	272 / / / /

GEOHYDROLOGIC DATA

R	T	W	Depth Top	Depth Bot.	Unit Id
90	A	721#1	91 / / / / / / .	92 / / / / / / .	93 / / / / / / .

HYDRAULIC DATA

R	T	W	Unit Tested
98	A	790#1	100 / / / / / / / / . 103 / / .



700022

FORM BLW-AP-1 (rev. 10/88)

COFF

FSC

The box below is for office use only.

Issued: <u>26 June 90</u>	Expires: <u>26 June 00</u>	Fee Paid	Permit No. <u>6W-12638</u>
Lat. <u>34°47'02"</u>	Long. <u>88°45'02"</u>	Elev. <u>660</u>	USGS No.
Quad. <u>PEOPLES</u>	Dist.		Basin No. <u>8010207</u>
STAC			Dam Inv. No.
			Dam appl. No.

Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10631, Jackson, MS 39289-0631

## APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FROM THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

**RECEIVED**

MAY 14 1990

*fee paid*

This application is for (circle one):  GROUNDWATER  SURFACE WATER

Beneficial Use (circle one or more):  Irrigation  Fish Culture  Municipal  Rural Water Association  Industrial  Recreation  Institutional (Examples: Church, School)  Commercial (Examples: Hotel, Restaurant, Livestock)  Grandby  Fire Protection  Flood Protection  Other: \_\_\_\_\_

**LANDOWNER:**

64-0737747  
(S/S or Tax ID No.)

~~BARON SETTLEMENTS~~ SPOUT WATER ASSOCIATION  
(Name)

RT 3 HWY 2 EAST  
(Address)

PIPLBY MS 38863 (601) 837-9873  
(City) (State and Zip) (Telephone Number)

**APPLICANT, AGENT, OR LESSEE (If different from Landowner):**

BARON SETTLEMENTS  
(Name) (S/S or Tax ID No.)

(Address)  
(City) (State and Zip) (Telephone Number)

**Location of diversion/withdrawal point (A suitable location map must accompany this application):**

NE 1/4 of the NE 1/4 of Section 32, Township 3S, Range 5E, County TIPPAN

**Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["d" is for units other than those shown in "a", "b", or "c"]):**

- (a) \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute
- (b) 0.0015 million gallons per day at a maximum rate of 222 gallons per minute
- (c) \_\_\_\_\_ acre feet of storage at normal pool
- (d) \_\_\_\_\_ per \_\_\_\_\_ at a maximum rate of \_\_\_\_\_

Construction of proposed work will begin on (date) \_\_\_\_\_, 19\_\_\_\_ and will be completed by (date) \_\_\_\_\_, 19\_\_\_\_.

Water will be used from (month) \_\_\_\_\_ to (month) \_\_\_\_\_ each year.

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)?  
YES NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit numbers.

**SECTION A (to be completed if application is for surface water source)**

1 Source of water is from \_\_\_\_\_ which drains into \_\_\_\_\_ which drains into \_\_\_\_\_ which drains into \_\_\_\_\_

**2. Description of pump/diversion works:**

- (a) Pump (size and type): \_\_\_\_\_ Power Unit (size and type): \_\_\_\_\_  
Lift: \_\_\_\_\_ feet Maximum capacity: \_\_\_\_\_ gallons per minute.
- (b) Name of storage reservoir: \_\_\_\_\_ Dam height: \_\_\_\_\_ feet.  
Surface area at normal pool: \_\_\_\_\_ acres. Storage capacity at normal pool: \_\_\_\_\_ acre-feet.

(Continued on back)

FRAN

Well # 2 ID 7000 22

Spout Springs Water Association  
Tippah County  
Hwy. 2 East Ripley, Mo.

SECTION B (to be completed if application is for groundwater source)

- 1. Source of water is Ground water well aquifer.
- 2. Description of proposed water well:
  - (a) DEPTH OF WELL: 769 feet. DRILLER (name): Hendon Well and Supply Inc.
  - (b) SURFACE CASING: Length: 719 feet. Diameter: 6 inches. Type: \_\_\_\_\_
  - (c) SCREEN: Length: \_\_\_\_\_ feet. Diameter: \_\_\_\_\_ inches. Type: \_\_\_\_\_
  - (d) PUMP: Type: Fairbanks Morse Size: 20 hp Capacity: 222 gallons per minute.  
Number of stages: \_\_\_\_\_ Setting depth: \_\_\_\_\_ feet.
  - (e) POWER UNIT: Type: 402 Size: 40 horsepower.
  - (f) TYPE OF COMPLETION: \_\_\_\_\_

WATER USE DATA (NOTE) 10 in. in Diameter These numbers seem to come from ~~the~~ drillers

If for IRRIGATION, FISH CULTURE or any other areal use, show the number of acres to which water will be applied in the appropriate 40-acre block(s). Acreage must be shown on accompanying location map. log for 67

TOWN-SHIP	RANGE	SEC-TION	NE1/4				NW1/4				SW1/4				SE1/4				TOTALS	
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4		

- 1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice \_\_\_\_\_; Cotton \_\_\_\_\_; Soybeans \_\_\_\_\_; Corn \_\_\_\_\_; Pasture \_\_\_\_\_; Truck \_\_\_\_\_; Wheat \_\_\_\_\_; Oats \_\_\_\_\_; Grain sorghum \_\_\_\_\_; Other (specify) \_\_\_\_\_ Acres \_\_\_\_\_

2. FISH CULTURE: Explain how water will be used: \_\_\_\_\_  
How often will reservoir(s) be emptied and refilled? \_\_\_\_\_

- 3. MUNICIPAL or WATER ASSOCIATION  
Choose "a" or "b". (a) The number of people served is \_\_\_\_\_. (b) The number of connections/customers is 80.  
What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty years?  
(Volume) \_\_\_\_\_ (Year) \_\_\_\_\_; (Volume) \_\_\_\_\_ (Year) \_\_\_\_\_; (Volume) \_\_\_\_\_ (Year) \_\_\_\_\_; (Volume) \_\_\_\_\_ (Year) \_\_\_\_\_

- 4. INDUSTRIAL: If water is to be released into a watercourse, indicate the amount released each year \_\_\_\_\_  
Rate of release \_\_\_\_\_; Location of release point in reference to diversion/withdrawal point \_\_\_\_\_  
\_\_\_\_\_; Explain any change in quality of water to be released: \_\_\_\_\_  
NPDES Permit No. \_\_\_\_\_  
Explain how water will be used: \_\_\_\_\_  
How much groundwater will be used for once-through non-contact cooling? \_\_\_\_\_

- 5. RECREATION: Explain how water will be used: \_\_\_\_\_
- 6. OTHER use: Explain in detail: \_\_\_\_\_

REMARKS: It is Community Well serving 76 people  
Spout Springs Water System Tax # 64-0737747

List below the person to be contacted for additional information if required:  
Araron Settlemyre  
(Name)  
Ripley, Mo. 38663  
(Address)  
P.O. Box 214  
(City, State, Zip)  
601-837-9873  
(Telephone)

The accompanying map is hereby declared a part of this application. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.  
Araron Settlemyre  
(Signature)

Subscribed and sworn to before me this 21 day of May 19 90, at 11:30 AM  
County of TIPPANH My commission expires 1-6-92  
[Signature] Notary Public

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <b>Tippah</b>	
WELL NUMBER <b>G 7</b>	CODED
DATE WELL COMPLETED <b>22 June 1988</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>Herndon Well &amp; Supply</b>
<b>Shannon, MS 38868</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Spout Springs Water Assoc.</b>		
Route 3		
Ripley, MS 38663		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<b>32</b>	<b>3</b>	<b>XX 5 E</b>
DISTANCE		DIRECTION
<b>11</b> Miles		<b>NE</b> of <b>Ripley</b>
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Municipal</b>		

PUMP DATA		
PUMP TYPE (Circle One): <b>hp - 40</b>		
<input checked="" type="checkbox"/> Submersible	<input type="checkbox"/> Turbine,	<input type="checkbox"/> Jet
Other (Describe)		
POWER TYPE (Circle One):		
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Tractor,	<input type="checkbox"/> Diesel,
Other (Describe)		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>222</b>	<b>19</b>	<b>450 FT.</b>
PUMP TEST		
Well yielded <b>222</b> GPM with		
a drawdown of <b>79</b> ft.		
after <b>24</b> hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>769</b>	<b>10</b>	<b>719</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>Steel</b>	<b>881</b>	<b>323</b>
TYPE OF COMPLETION: (Circle One or More):		
<input checked="" type="checkbox"/> Gravel Packed,	<input checked="" type="checkbox"/> Underreamed,	<input type="checkbox"/> Telescoped,
Natural Development, Open Hole, Other		
(Describe)		
Top of Lap Pipe or Reduction in Casing		
<b>651 FEET</b>	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

LOG DATA	
TYPE OF LOG RUN (Circle One):	
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> No Log Run,
Gamma Ray, Density, Sonic, Neutron,	
Other (Describe)	
Name of Organization Running Log	
<b>Herndon Well &amp; Supply, Inc.</b>	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
<b>6</b>	<b>51'6"</b>	<b>.018</b>
Screen Type	Depth to Bottom - Feet	
<b>SS Ribbed Welded</b>	<b>769</b>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Age	Analys.	Apifer Test
<b>RECEIVED</b>			
Driller's Remarks			
<b>JUN 20 1988</b>			
Department of Natural Resources Bureau of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Clay	0	10	Hard Clay/Few Sand		
Coarse Sand	10	60	Streaks	608	635
Rock		60	Sand	635	645
Coarse Sand	10	62	Blue Clay	645	670
Rock		62	Sand/Few Clay Streaks	670	880
Coarse Sand/few Shale	62	210			
Sandy Blue Clay	210	245			
Bl. Clay/Few Sand Strs.	245	572			
Sand & Clay Streaks	572	608			
Rock 6"		608			
IF MORE SPACE IS NEEDED, USE BACK					

If well telescopes please sketch and show depths.

GROUND LEVEL

	X		

SECTION 32

Please indicate well location X.

ADDITIONAL INFORMATION

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