

Drilling Log for Well # 47

CONSTRUCTION DATE 8-28-84  
 TEST  PERMANENT

USE:  DOMESTIC  AGRICULTURAL  
 COMMERCIAL  INDUSTRIAL  
 IRRIGATION  PUBLIC  
 WINDMILL  DEWATERING  
 WATER PUMP RECHARGE  HEAT PUMP SUPPLY

IS THIS A REPLACEMENT WELL? YES  NO   
 CONSTRUCTION DATE FOR OLD WELL \_\_\_\_\_  
 CONSTRUCTION METHOD \_\_\_\_\_

**DRILLING METHOD**

DRILLING METHOD:  BORED  CABLE TOOL  
 JETTED  AIR ROTARY  
 ROTARY  REVERSE  WASHED  
 DRILLER (Specify) \_\_\_\_\_  
 DEPTH DRILLED 51'

**CASING SEQUENCE**

	1st	2nd	3rd	4th
TOP				
BOTTOM	47			
METER	2			
MATERIAL	PVC			

**SCREEN SEQUENCE**

	1st	2nd	3rd	4th
TOP	47			
BOTTOM	51			
DIAMETER	2			
MATERIAL	PVC			

WRITTEN APPROVAL FOR SCREENING/ GRAVEL PACKING MORE THAN ONE FOOTER MUST BE OBTAINED FROM DNREC.

TYPE: CEMENT  BENTONITE CLAY   
 \_\_\_\_\_ TO \_\_\_\_\_ FEET

ROUT BACKFILL OF WELL ANNULUS  
 NATIVE FROM 0 TO 47 FEET

PACK TYPE 3/32"  
47 TO 51 FEET

WATER LEVEL DATE 8-28-84  
 FT. (below, above) GROUND SURFACE \_\_\_\_\_  
 RISING WATER LEVEL 30 FT. BELOW GRADE  
2 HOURS AT 250 GPM.

**HEAD COMPLETION:**  
 BLESS ADAPTOR   
 \_\_\_\_\_ INCHES ABOVE GRADE.

**TYPE OF PERMANENT PUMP INSTALLATION**

PUMP MANUFACTURE \_\_\_\_\_  
 RATED CAPACITY (GPM) \_\_\_\_\_  
 PUMP INTAKE SETTING \_\_\_\_\_ FT. BELOW GRADE

**THE COMPLETED WELL IS?**

YES NO  
 A AT LEAST 5' FROM ANY OVERHANG    
 B AT LEAST 50' FROM ANY SEPTIC TANK    
 C AT LEAST 10' FROM TOWN SEWER LINE    
 D AT LEAST 100' FROM THE NEAREST EDGE OF ANY TILE FIELD

**THE NEAREST NEIGHBORS (CIRCLE ONE)**

SEPTIC TILE FIELD CESSPOOL OR PRIVY  
 IS 110 FROM COMPLETED WELL.  
 IS COMPLETED WELL LOCATED AS SHOWN ON APPLICATION FORM?    
 IF NO DESCRIBE LOCATION CHANGE OR OTHER COMMENTS \_\_\_\_\_

Q:3418

DRILLERS LOG DESCRIPTION	TOP OF STRATA	BOTTOM OF STRATA
Iron sand	6	6
yellowish sand	1	1
dark brownish clay sand	2	3
light brownish clay sand	5	5
yellow fine sand	3	11
white sand & clay	6	17
white sandy gravel	7	24
fine to coarse gravel	14	28
medium to coarse gravel	5	46
well sorted to coarse sand	7	28
fine to coarse sand	5	60
to change screens		

SUPPLEMENTAL DRILLERS LOG ATTACHED YES  NO   
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 COMPANY NAME White Drilling Corp.  
 SIGNATURE OF DRILLER IN CHARGE R. Allen White Sr. DATE 9/7/84