

PLEASE PRINT

PERMIT NO. 64061 LOCAL ID M-2

OWNER Columbia University

TYPE OF PERMANENT PUMP INSTALLED

PUMP MANUFACTURE N/A
RATED CAPACITY (GPM) _____
PUMP INTAKE SETTING _____ FT. BELOW GRADE

CONSTRUCTION DATE 2-25-86
PURPOSE: TEST PERMANENT

USE: DOMESTIC AGRICULTURAL
 COMMERCIAL INDUSTRIAL
 IRRIGATION PUBLIC
 MONITOR DEWATERING
 HEAT PUMP RECHARGE HEAT PUMP SUPPLY
 OTHER (Specify) _____

THE COMPLETED WELL IS?
Locations Approved by DNREC
A. AT LEAST 5' FROM ANY OVERHANG YES NO
B. AT LEAST 50' FROM ANY SEPTIC TANK YES NO
C. AT LEAST 10' FROM TOWN SEWER LINE YES NO
D. AT LEAST 100' FROM THE NEAREST EDGE OF ANY TILE FIELD YES NO

IS THIS A REPLACEMENT WELL? YES NO
ABANDONMENT DATE FOR OLD WELL _____
ABANDONMENT METHOD _____

THE NEAREST NEIGHBORS (CIRCLE ON SEPTIC TILE FIELD CESSPOOL OR PRIVY IS _____ FROM COMPLETED WELL.
IS COMPLETED WELL LOCATED AS SHOWN ON APPLICATION FORM? YES NO
IF NO, DESCRIBE LOCATION CHANGE OR OTHER COMM

DRILLING METHOD

AUGERED BORED CABLE TOOL
 DRIVEN JETTED AIR ROTARY
 MUD ROTARY REVERSE WASHED
 OTHER (Specify) _____

No location change

TOTAL DEPTH DRILLED 18 ft

CASING SEQUENCE

CASING TOP _____
CASING BOTTOM _____
CASING DIAMETER _____
CASING MATERIAL _____

1st	2nd	3rd	4th
0	0		
4	2		
1 1/4"	3"		
PVC	Steel		

SCREEN SEQUENCE

SCREEN TOP _____
SCREEN BOTTOM _____
SCREEN DIAMETER _____
SCREEN MATERIAL _____

1st	2nd	3rd	4th
4			
14			
1 1/4"			
PVC			

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

GROUT TYPE: CEMENT BENTONITE CLAY
OTHER: Cement 0-1 Clay 1-3.5
FROM 0 TO 3.5 FEET
NON-GROUT BACKFILL OF WELL ANNULUS
TYPE Cuttings FROM 14 TO 18 FEET
GRAVEL PACK: TYPE 1/4" Home gravel
FROM 3.5 TO 14 FEET

STATIC WATER LEVEL: DATE 2-25-86
5 FT (Below/above) GROUND SURFACE
PUMPING WATER LEVEL: _____ FT. BELOW GRADE
AFTER _____ HOURS AT _____ GPM

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR
OTHER: Flush, 8" Fill cap
0 INCHES ABOVE GRADE

RECEIVED

APR 16 1986

WATER SUPPLY

Rd 31-18

DRILLERS LOG DESCRIPTION	TOP OF STRATA	BOTTOM
<u>Gravel on top</u>	0	0
<u>dk grey sandy loam</u>	0	2
<u>dk grey gravel</u>	2	3
<u>lt grey CLAY</u>	3	8
<u>Tan grey mottled CLAY</u>	8	10
<u>dk grey CLAY</u>	10	14.5
<u>Tan SAND</u>	14.5	

SUPPLEMENTAL DRILLERS LOG ATTACHED YES
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COMPANY NAME Earth Data &
SIGNATURE OF DRILLER IN CHARGE: Frank Monahan DATE _____