

WELL COMPLETION REPORT

PLEASE PRINT

PERMIT NO. 64384 LOCAL ID 40

OWNER Helmar Water Co.

CONSTRUCTION DATE 4-7-86

PURPOSE: TEST PERMANENT

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

IS THIS A REPLACEMENT WELL? YES NO

ABANDONMENT DATE FOR OLD WELL _____

ABANDONMENT METHOD Not plugged

DRILLING METHOD

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

TOTAL DEPTH DRILLED _____

CASING SEQUENCE

	INNER	OUTER
CASING TOP		STEEL 12"
CASING BOTTOM		STEEL 11 1/2"
CASING DIAMETER		10"
CASING MATERIAL		STEEL

SCREEN SEQUENCE

	INNER	OUTER
SCREEN TOP		116
SCREEN BOTTOM		146
SCREEN DIAMETER		10"
SCREEN MATERIAL		Stainless steel

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

GROUT TYPE: CEMENT BENTONITE CLAY

OTHER: _____

FROM 0 TO 100 FEET

NON-GROUT BACK-FILL OF WELL ANNULUS TYPE _____ FROM _____ TO _____ FEET

GRAVEL PACK: TYPE Filter gravel

FROM 100 TO 146 FEET

STATIC WATER LEVEL: DATE 4-28-86

12.10 FT. (Below, above) GROUND SURFACE

PUMPING WATER LEVEL: 25 FT. BELOW GRADE

AFTER 4 HOURS AT 750 GPM.

WELL HEAD COMPLETION: Spec Cop 50

TYPE: PITLESS ADAPTOR

OTHER well house

14 INCHES ABOVE GRADE.

TYPE OF PERMANENT PUMP INSTALLATION

PUMP MANUFACTURE Worthington

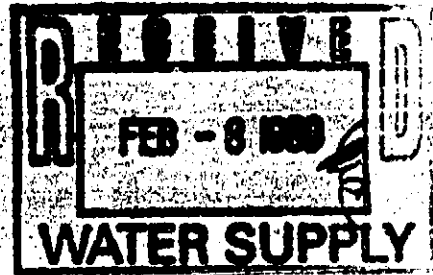
RATED CAPACITY (GPM) 600

PUMP INTAKE SETTING 25 FT. BELOW GRADE

THE COMPLETED WELL IS?
 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 ON SEPTIC TILE FIELD CESSPOOL OR PRIVY IS _____ FROM COMPLETED WELL.
 IS COMPLETED WELL LOCATED AS SHOWN ON APPLICATION FORM?
 IF NO, DESCRIBE LOCATION CHANGE OR OTHER COMMENT _____

R031-15



DRILLERS LOG DESCRIPTION	TOP OF STRATA	BOTTOM
gray clay	0	1
white sand LGR	18	8
finer sand - some clay	88	114
med sand	114	120
blue sand some gr.	120	14

SUPPLEMENTAL DRILLERS LOG ATTACHED YES

PAGE 1 OF _____ PAGES

COMPANY NAME Shannon's Art. Well

SIGNATURE OF DRILLER IN CHARGE: [Signature] DATE 2/1