

WIRE & PIE AD

WRONG NO?  
RECEIVED  
JUN 15 1988

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818  
Denver, Colorado 80203

THIS FORM MUST BE SUBMITTED  
WITHIN 60 DAYS OF COMPLETION  
OF THE WORK DESCRIBED HERE-  
ON. TYPE OR PRINT IN BLACK  
INK.

WELL COMPLETION AND PUMP INSTALLATION REPORT

PERMIT NUMBER ~~150955~~ 150855

RESOURCES  
ENGINEER  
C.R.D.

WELL OWNER Ronald L. Phillip NE          % of the NW          % of Sec. 10  
ADDRESS P. O. Box 1554 T. 5 N.         , R. 67 W.          6 P.M.  
Windsor, Colorado 80550  
DATE COMPLETED June 8, 19 88

HOLE DIAMETER  
7 7/8" in. from 0 to 1170 ft.

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	5	Clay	
5	20	Sand	
20	22	Shale blossom	
22	300	Red rock & shale	
300	318	Hard shale rock	
318	335	Soft sticky shale	
335	340	Shale rock	
340	500	Medium hard shale with thin rock & brittle shale	
500	505	Shale rock	
505	680	Shale, sticky shale, & brittle shale layered	
680	682	Shale rock	
682	1040	Soft shale & thin sand streaks	
1040	1042	Shale rock	
1042	1170	Soft shale & sands mixed	XX

TOTAL DEPTH 1170

Use additional pages necessary to complete log.

\_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_ ft.  
\_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_ ft.

DRILLING METHOD \_\_\_\_\_

CASING RECORD: Plain Casing

Size 6 & kind Steel from 0 to 750 ft.

Size \_\_\_\_\_ & kind \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft.

Size \_\_\_\_\_ & kind \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft.

Perforated Casing

Size 6 & kind Steel from 750 to 1170 ft.

Size \_\_\_\_\_ & kind \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft.

Size \_\_\_\_\_ & kind \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft.

GROUTING RECORD

Material Cement

Intervals From 10 ft. to 263 ft

Placement Method Mixed and poured

GRAVEL PACK: Size 0

Interval \_\_\_\_\_

TEST DATA

Date Tested June 8, 1988

Static Water Level Prior to Test 235 ft.

Type of Test Pump Bailer

Length of Test 6 hours

Sustained Yield (Metered) 10 GPM

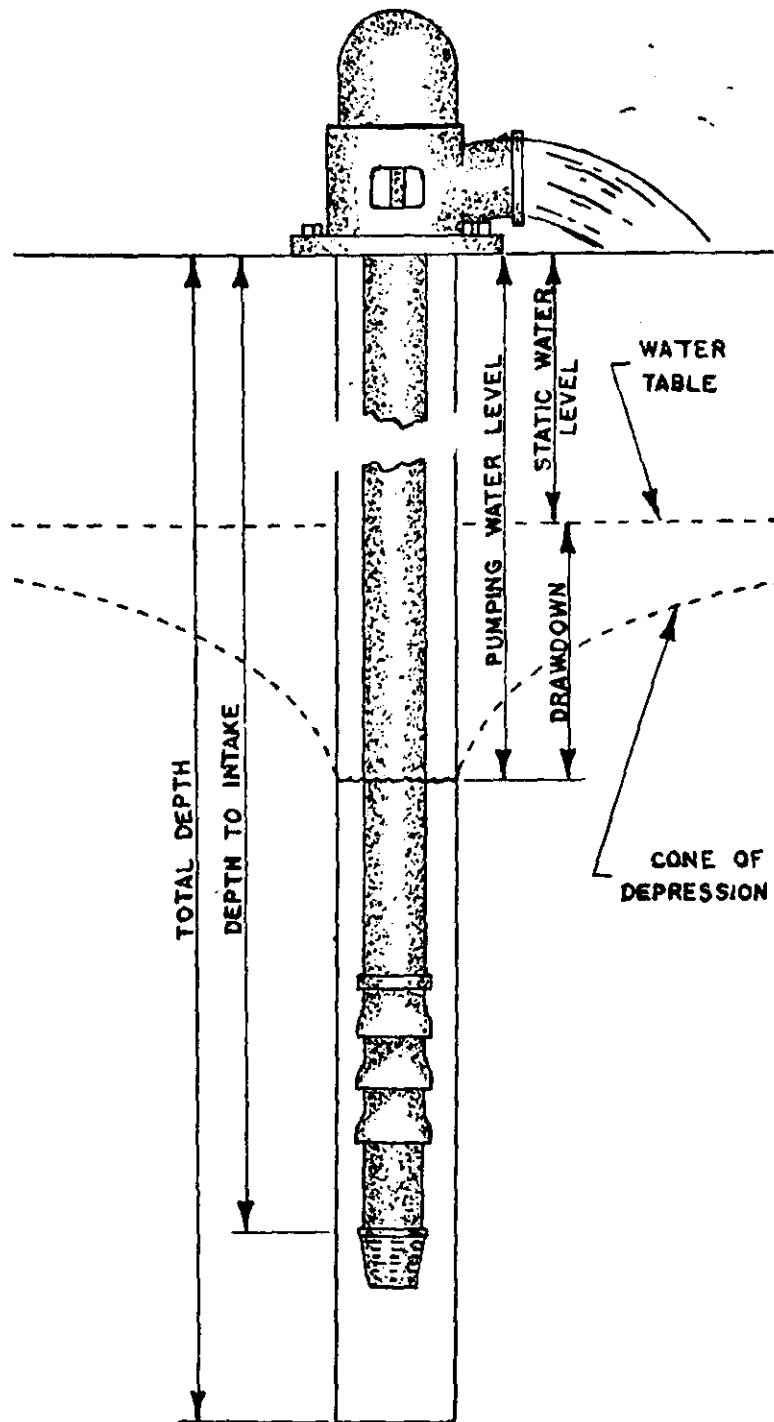
Final Pumping Water Level 800 ft.

**PUMP INSTALLATION REPORT**

Pump Make Red Jacket  
 Type Submerible  
 Powered by Electric HP 3  
 Pump Serial No. 300CN1  
 Motor Serial No. 851 19 2 5  
 Date Installed June 9, 1988  
 Pump Intake Depth 800 ft  
 Remarks \_\_\_\_\_

**WELL TEST DATA WITH PERMANENT PUMP**

Date Tested June 9, 1988  
 Static Water Level Prior to Test 235 ft  
 Length of Test 2 Hours  
 Sustained yield (Metered) 10 GPM  
 Pumping Water Level 800 ft  
 Remarks \_\_\_\_\_



**CONTRACTORS STATEMENT**

The undersigned, being duly sworn upon oath, deposes and says that he is the contractor of the well or pump installation described hereon; that he has read the statement made hereon; knows the content thereof, and that the same is true of his own knowledge.

Signature Dennis Stewart License No. 66

State of Colorado, County of Logan SS

Subscribed and sworn to before me this 14 day of June, 19 88.

My Commission expires: May 2, 19 89.

Notary Public Elsie E. Stewart

FORM TO BE MADE OUT IN QUADRUPPLICATE: WHITE FORM must be an original copy on both sides and signed. WHITE AND GREEN copies must be filed with the State Engineer. PINK COPY is for the Owner and YELLOW COPY is for the Driller.

RECEIVED

MAR 24 1988

PERMIT APPLICATION FORM

Application must be complete where applicable. Type or print in BLACK INK. No overstrikes or erasures unless initialed.

RECEIVED

FEB 17 1988

- ( ) A PERMIT TO USE GROUND WATER
- (XX) A PERMIT TO CONSTRUCT A WELL
- (XX) A PERMIT TO INSTALL A PUMP

WATER RESOURCES  
STATE ENGINEER  
COLO.

02-17-88 2:59 P  
032472 60.00  
NWXDDB F0011  
60.00

WATER RESOURCES  
STATE ENGINEER  
COLO.

(XX) REPLACEMENT FOR NO. 96391

( ) OTHER

(1) APPLICANT - mailing address

NAME Ronald L. Phillip

STREET PO BOX 1554

CITY Windsor, Colorado 80550  
(State) (Zip)

TELEPHONE NO. 686 2180

(2) LOCATION OF PROPOSED WELL

County Weld

NE 1/4 of the NW 1/4, Section 10

Twp. 5 N., Rng. 67 W., 6 P.M.

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 15

Average annual amount of ground water to be appropriated (acre-feet): 2

Number of acres to be irrigated: 1

Proposed total depth (feet): 800

Aquifer ground water is to be obtained from:  
Foxhill

Owner's well designation \_\_\_\_\_

GROUND WATER TO BE USED FOR:

- ( ) HOUSEHOLD USE ONLY - no irrigation (0)
  - (X) DOMESTIC (1) ( ) INDUSTRIAL (5)
  - (X) LIVESTOCK (2) ( ) IRRIGATION (6)
  - ( ) COMMERCIAL (4) ( ) MUNICIPAL (8)
- (X) OTHER (9) IRRIGATE ONE ACRE

(4) DRILLER

Name Stewart Drilling co

Street 18897 Hwy 6

City Sterling Colorado 80751  
(State) (Zip)

Telephone No. 522 1454 Lic. No. 66

FOR OFFICE USE ONLY DO NOT WRITE IN THIS COLUMN

Receipt No. 84811 CL-1, 8A4811

Basin \_\_\_\_\_ Dist. \_\_\_\_\_

CONDITIONS OF APPROVAL

This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of the permit does not assure the applicant that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.

1) APPROVED PURSUANT TO CRS 37-92-602(3)(b)(II) AS THE ONLY WELL ON A TRACT OF LAND OF 40 ACRES DESCRIBED AS THE NE 1/4 OF THE NW 1/4 OF SECTION 10, T5N, R67W OF THE 6TH P.M., WELD COUNTY.

2) THE USE OF GROUND WATER FROM THIS WELL IS LIMITED TO FIRE PROTECTION, ORDINARY HOUSEHOLD PURPOSES INSIDE A SINGLE FAMILY DWELLING, THE IRRIGATION OF NOT MORE THAN ONE ACRE OF HOME GARDENS AND LAWNS AND THE WATERING OF DOMESTIC ANIMALS.

3) THE RETURN FLOW FROM THE USE OF THIS WELL MUST BE THRU AN INDIVIDUAL WASTE WATER DISPOSAL SYSTEM OF THE NON-EVAPORATIVE TYPE WHERE THE WATER IS RETURNED TO THE SAME STREAM SYSTEM IN WHICH THE WELL IS LOCATED.

4) APPROVED FOR A CHANGE IN SOURCE AND RELOCATION OF WELL PERMIT NO. 96391. ISSUANCE OF THIS PERMIT HEREBY CANCELS WELL PERMIT NO. 96391. GRC 4/4/88

APPLICATION APPROVED

!50855

PERMIT NUMBER APR 05 1988

DATE ISSUED APR 05 1988

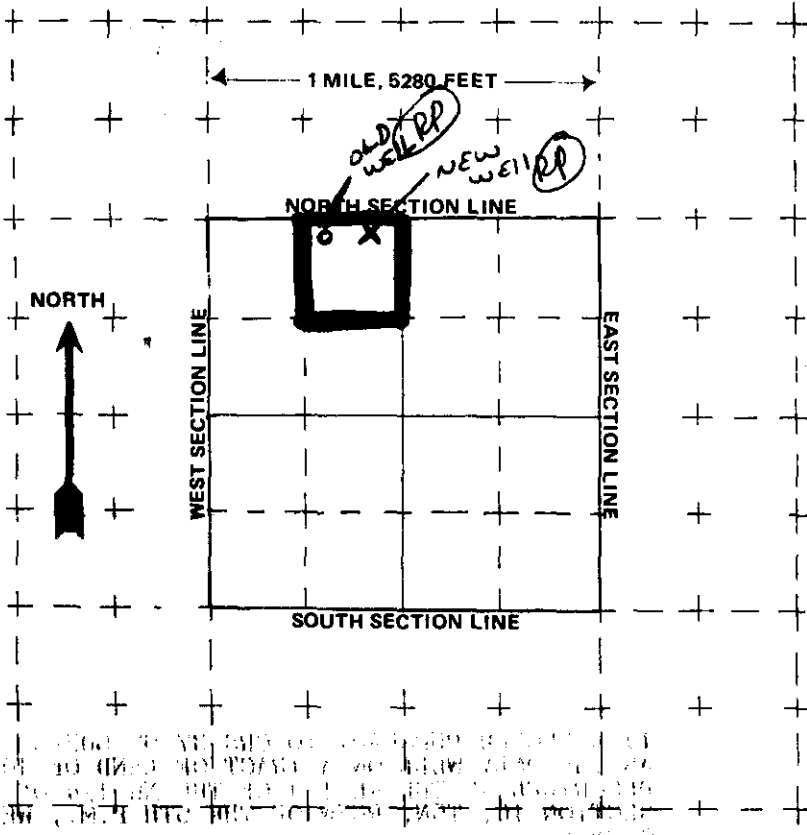
EXPIRATION DATE \_\_\_\_\_

John A. Danilov  
(STATE ENGINEER)

BY [Signature]

I.D. 1-03 COUNTY 62

(5) THE LOCATION OF THE PROPOSED WELL and the area on which the water will be used must be indicated on the diagram below. Use the CENTER SECTION (1 section, 640 acres) for the well location.



The scale of the diagram is 2 inches = 1 mile  
Each small square represents 40 acres!

**WATER EQUIVALENTS TABLE (Rounded Figures)**

1 acre-foot covers 1 acre of land 1 foot deep	449 gallons per minute (gpm)
1 cubic foot per second (cfs)	449 gallons per minute (gpm)
A family of 5 will require approximately 1 acre-foot of water per year.	
1 acre-foot	43,560 cubic feet . . . 325,900 gallons.
1,000 gpm pumped continuously for one day produces	4.42 acre-feet.

(6) THE WELL MUST BE LOCATED BELOW by distances from section lines.

130 ft. from NORTH (north or south) sec. line  
 2940 (RP)  
 300 ft. from EAST (east or west) sec. line

LOT 20 BLOCK      FILING #       
 SUBDIVISION NE 1/4 NW 1/4 SEC 10 5N 67W 6PM

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: Ronald L. Phillip

No. of acres 40 Will this be the only well on this tract? yes

(8) PROPOSED CASING PROGRAM

Plain Casing  
 5 in. from 0 ft. to 700 ft.  
 \_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Perforated casing  
 5 in. from 700 ft. to 800 ft.  
 \_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(9) FOR REPLACEMENT WELLS give distance and direction from old well and plans for plugging it:

Will offset the old well.  
The old well will be plugged according to the rules.

(10) LAND ON WHICH GROUND WATER WILL BE USED:

Owner(s): Ronald L. Phillip No. of acres: 40  
 Legal description: NE 1/4, NW 1/4 Sec 10m 5N, 67W, 6PM, Weld County, Colo.

(11) DETAILED DESCRIPTION of the use of ground water: Household use and domestic wells must indicate type of disposal system to be used.

Domestic and livestock use. The waste water from the house will go through a septic tank and leech line.

(12) OTHER WATER RIGHTS used on this land, including wells.

Type or right	Used for (purpose)	Description of land on which used
<u>None</u>		

(13) THE APPLICANT(S) STATE(S) THAT THE INFORMATION SET FORTH HEREON IS TRUE TO THE BEST OF HIS KNOWLEDGE.

Ronald Phillip  
 SIGNATURE OF APPLICANT(S)

ROY ROMER  
Governor



JERIS A. DANIELSON  
State Engineer

**OFFICE OF THE STATE ENGINEER**  
DIVISION OF WATER RESOURCES

1313 Sherman Street-Room 818  
Denver, Colorado 80203  
(303) 866-3581

TO: RONALD L. PHILLIPS  
RECEIPT NO.: 84811

FROM: GLENN GRAHAM  
DATE: 18 FEBRUARY 1988

Your application for a permit to relocate and deepen a well is being returned for the reasons indicated below. The corrections and/or additional information we are requesting are required before evaluation of the subject application can proceed any further.

All corrections and additions must be typed or printed in **BLACK INK**. Please initial and date any changes or additions you make to the form. Return the application form with all attached documentation to this office.

\*\*\*\*\*

The information that you have provided that pertains to the location of the proposed replacement well is not consistent throughout the application and does not agree with the information contained on the original Late REGISTRATION approved by this office on 31 January 1978.

In Block No. 2 you have indicated that the proposed replacement would be located in the NE 1/4 of the NW 1/4 of the section, but the footage distances you provided in Block No. 6 would place the well in the NE 1/4 of the NE 1/4 of the section. The footage distances on the original Late Registration locate the well 150 feet from the North Section Line and 1590 feet from the West Section Line. Those distance would locate the well in the NE 1/4 of the NW 1/4 of the section.

Please correct the application as necessary in order to accurately and consistently describe the location of the proposed replacement well.

Make sure to initial and date all corrections and/or additions you may make to the application form.

Feel free to contact this office if you have any questions.

Thanks Glenn

I hope this is  
Right now

Ron Phillip

RECEIVED  
JAN 09 '78  
WATER RESOURCES  
STATE ENGINEER  
COLORADO

COLORADO DIVISION OF WATER RESOURCES  
818 Centennial Bldg., 1313 Sherman St.  
Denver, Colorado 80203

TYPE OR  
PRINT IN BLACK INK  
COPY OF ACCEPTED  
STATEMENT MAILED  
ON REQUEST.

STATE OF COLORADO }  
COUNTY OF Weld } SS. \_\_\_\_\_ AFFIDAVIT

STATEMENT OF BENEFICIAL USE OF GROUND WATER  
AMENDMENT OF EXISTING RECORD  
 LATE REGISTRATION **96391**

23-D  
1000K

PERMIT NUMBER Unregistered LOCATION OF WELL \_\_\_\_\_

THE AFFIANT(S) Ronald L. Phillips County Weld  
whose mailing address is Rt. 1, Box 40-A NE 1/4 of the NW 1/4 Section 10  
City Windsor, Colorado 80550 Twp. 5 N Rng 67 W 6 P M  
(STATE) (TWP) (N OR S) (E OR W)

being duly sworn upon oath, deposes and says that he (they) is (are) the owner(s) of the well described hereon, the well is located as described above, at distances of 150 feet from the North section line and 1590 feet from the West section line; water from this well was first applied to a beneficial use for the purpose(s) described herein on the Summer, 1979; the maximum sustained pumping rate of the well is 35 gallons per minute, the pumping rate claimed hereby is 35 gallons per minute; the total depth of the well is 30 feet; the average annual amount of water to be diverted is 2 acre-feet; for which claim is hereby made for Domestic purpose(s); the legal description of the land on which the water from this well is used is NE 1/4 of the NW 1/4 of section 10, Twp 5N, Rng 67W, 6 PM of which Less than one acres are irrigated and which is illustrated on the map on the reverse side of this form; that this well was completed in compliance with the permit approved therefor; this statement of beneficial use of ground water is filed in compliance with law; he (they) has (have) read the statements made hereon; knows the content thereof; and that the same are true of his (their) knowledge.

(COMPLETE REVERSE SIDE OF THIS FORM)

Signature(s)  Ronald L. Phillips  
Subscribed and sworn to before me on this 5th day of Jan, 1978  
My Commission expires: My Commission expires June 16, 1981  
Mary Wadsworth  
NOTARY PUBLIC

FOR OFFICE USE ONLY  
Court Case No. \_\_\_\_\_  
Prior. \_\_\_\_\_ Mo. \_\_\_\_\_ Day \_\_\_\_\_ Yr. \_\_\_\_\_  
Div. 1 City 62  
Sec. \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 \_\_\_\_\_  
Well Use 1  
Dist. 03 Basin \_\_\_\_\_ Man Dis \_\_\_\_\_

ACCEPTED FOR FILING BY THE STATE ENGINEER OF COLORADO  
PURSUANT TO THE FOLLOWING CONDITIONS:

**CANCELLED**

JAN 31 1978  
DATE Bruce E. DeBune DEPUTY STATE ENGINEER  
Hauhold

0345037A

Well drilled by \_\_\_\_\_ Lic. No. \_\_\_\_\_

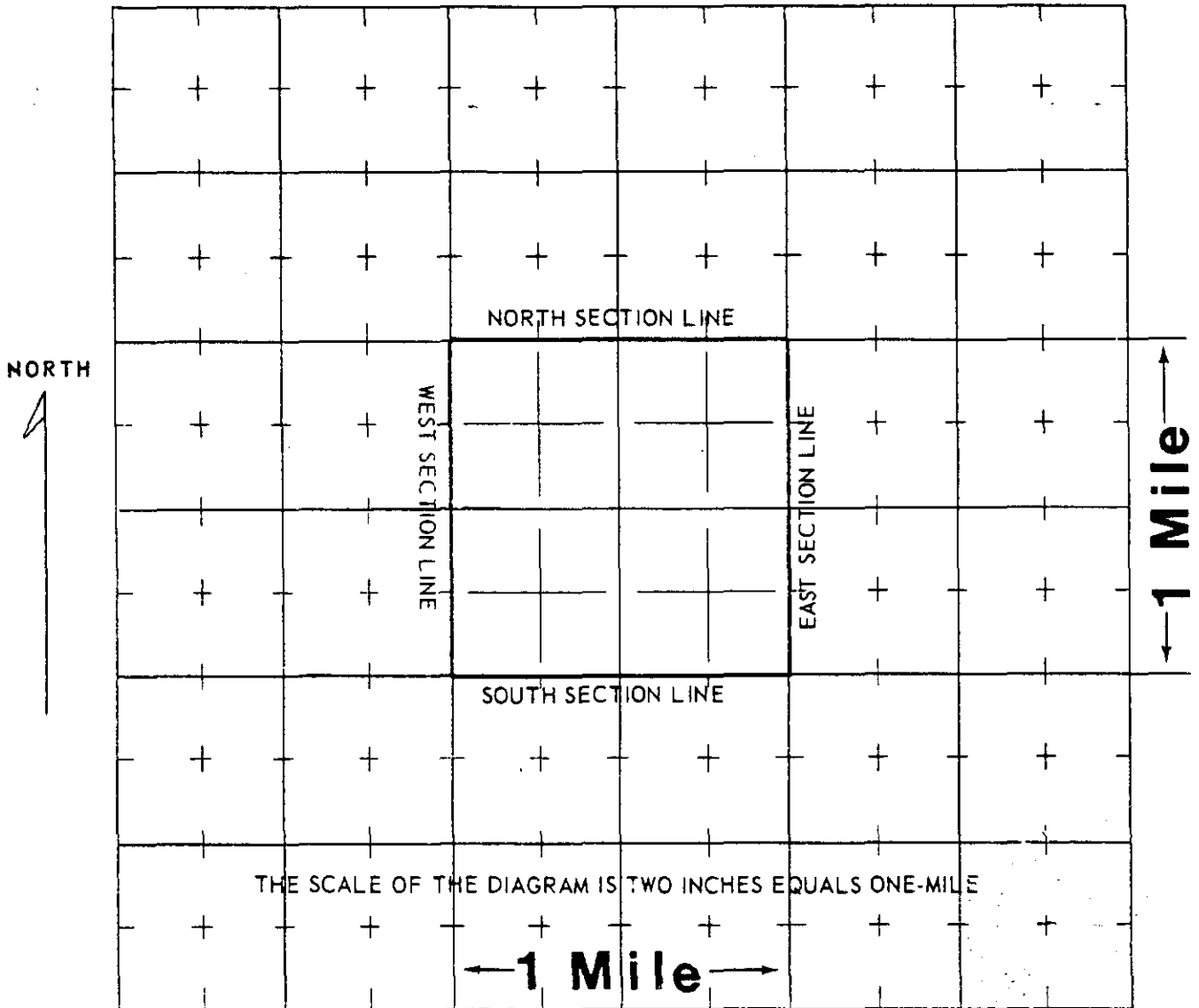
Permanent Pump installed by \_\_\_\_\_ Lic. No. \_\_\_\_\_

Meter Serial No. \_\_\_\_\_  Flow Meter Date installed \_\_\_\_\_

Owner of land on which water is being used \_\_\_\_\_

THE LOCATION OF THE WELL MUST BE SHOWN AND FOR LARGE CAPACITY IRRIGATION WELLS THE AREA ON WHICH THE WATER IS USED MUST BE SHADED OR CROSS-HATCHED ON THE DIAGRAM BELOW.

This diagram represents nine (9) sections. Use the CENTER SQUARE (one section) to indicate the location of the well, if possible.



WATER EQUIVALENTS TABLE (Rounded Figures)

- An acre-foot covers 1 acre of land 1 foot deep.
- 1 cubic foot per second (cfs) . . . 449 gallons per minute (gpm).
- 1 acre-foot . . . 43,560 cubic feet . . . 325,900 gallons.
- 1,000 gpm pumped continuously for one day produces 4.42 acre-feet.
- 100 gpm pumped continuously for one year produces 160 acre-feet.

(WHITE AND PINK COPY TO BE FILED WITH THE STATE ENGINEER  
PINK COPY WILL BE RETURNED TO OWNER)