

RECEIVED

## COLORADO DIVISION OF WATER RESOURCES

300 Columbine Bldg., 1845 Sherman St.  
Denver, Colorado 80203THIS FORM MUST BE SUBMITTED  
WITHIN 60 DAYS OF COMPLETION  
OF THE WORK DESCRIBED HERE-  
ON. TYPE OR PRINT IN BLACK  
INK.

OCT 10 '74

## WELL COMPLETION AND PUMP INSTALLATION REPORT

PERMIT NUMBER 75496WATER RESOURCES  
STATE ENGINEER  
D.O.O.WELL OWNER KEITH, JUDY, MARICK SW  $\frac{1}{4}$  of the SE  $\frac{1}{4}$  of Sec. 19  
1429, LASHLEY ST.  
ADDRESS LONGMONT COLO, 80501 T. 2 N, R. 68 W, 6 TH P.M.DATE COMPLETED SEPT 17, 1974

## HOLE DIAMETER

8 in. from 0 to 24 ft.5 5/8 in. from 24 to 285 ft.

## WELL LOG

From	To	Type and Color of Material	Water Loc.
<u>0</u>	<u>10</u>	<u>CLAY</u>	
<u>10</u>	<u>20</u>	<u>GRAVEL</u>	
<u>20</u>	<u>98</u>	<u>MIXED FOX HILL SHALE</u>	-
<u>98</u>	<u>100</u>	<u>LIME STONE</u>	
<u>100</u>	<u>116</u>	<u>BLUE SLATE</u>	
<u>116</u>	<u>117</u>	<u>IRON ROCK</u>	
<u>117</u>	<u>158</u>	<u>MIXED FOX HILL SHALE</u>	-
<u>158</u>	<u>159</u>	<u>LIME STONE</u>	
<u>159</u>	<u>186</u>	<u>MIXED FOX HILL SHALE</u>	-
<u>186</u>	<u>188</u>	<u>LIME STONE</u>	
<u>188</u>	<u>283</u>	<u>MIXED FOX HILL SHALE</u>	-
<u>283</u>	<u>285</u>	<u>BLUE SHALE</u>	
		TOTAL DEPTH <u>285</u>	

Use additional pages necessary to complete log.

in. from to ft.

DRILLING METHOD ROTARY

CASING RECORD: Plain Casing

Size 6 & kind STEEL from 0 to 24 ft.Size 4 & kind PLASTIC from 5 to 40 ft.

Size &amp; kind from to ft.

Perforated Casing

Size 4 & kind PLASTIC from 40 to 285 ft.

Size &amp; kind from to ft.

Size &amp; kind from to ft.

## GROUTING RECORD

Material CEMENTIntervals 5 FT. TO 20 FT. 7 7/8 SEALPlacement Method POURED

GRAVEL PACK: Size

Interval

## TEST DATA

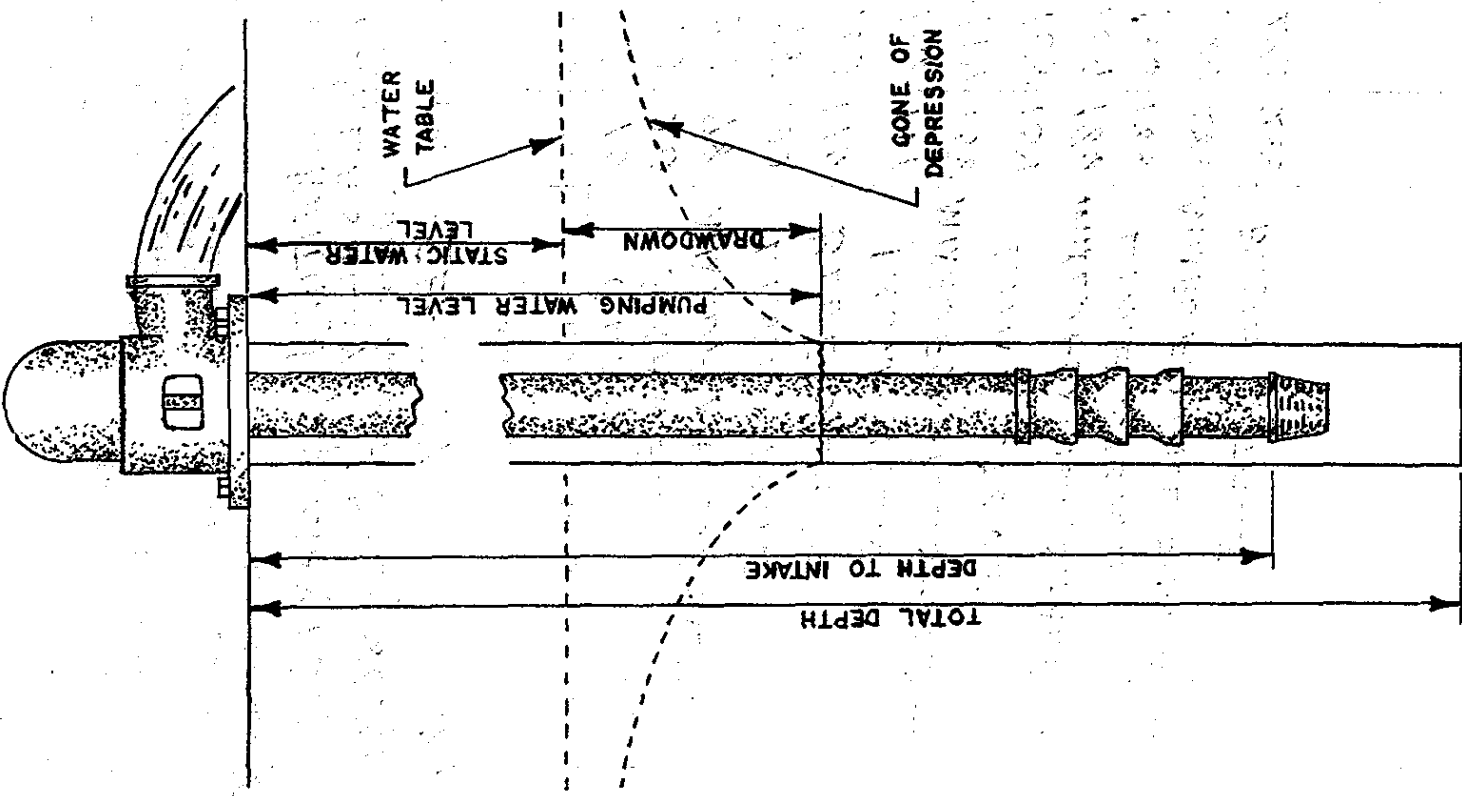
Date Tested SEPT 17, 1974Static Water Level Prior to Test 25 ft.Type of Test Pump BAILORLength of Test 4 HRSSustained Yield (Metered) 7 GAL MINUTEFinal Pumping Water Level 285 FT

# PUMP INSTALLATION REPORT

Pump Make \_\_\_\_\_  
 Type \_\_\_\_\_  
 Powered by \_\_\_\_\_ HP  
 Pump Serial No. \_\_\_\_\_  
 Motor Serial No. \_\_\_\_\_  
 Date Installed \_\_\_\_\_  
 Pump Intake Depth \_\_\_\_\_  
 Remarks \_\_\_\_\_

## WELL TEST DATA WITH PERMANENT PUMP

Date Tested \_\_\_\_\_  
 Static Water Level Prior to Test \_\_\_\_\_  
 Length of Test \_\_\_\_\_ Hours  
 Sustained yield (Metered) \_\_\_\_\_ GPM  
 Pumping Water Level \_\_\_\_\_  
 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 Don W. Warden License No. 2  
 State of Colorado, County of Dawson SS  
 Subscribed and sworn to before me this 9<sup>th</sup> day of October, 19 74  
 My Commission expires: March 29, 1975  
 Notary Public Lois Sutton

COLORADO DIVISION OF WATER RESOURCES  
300 Columbine Bldg., 1845 Sherman St., Denver, Colorado 80203

RECEIVED

JUN 28 '74

WATER RESOURCES  
STATE ENGINEER  
C.D.O.

## PERMIT APPLICATION FORM

Application must be complete where applicable. Type or print in BLACK INK. No overstrikes or erasures unless initialed. Proper fee must be submitted with the application.

( ) A PERMIT TO USE GROUND WATER  
☒ A PERMIT TO CONSTRUCT A WELL  
FOR: ( ) A PERMIT TO INSTALL A PUMP

( ) REPLACEMENT FOR NO. \_\_\_\_\_

( ) OTHER \_\_\_\_\_

## (1) APPLICANT - mailing address

NAME Kerth & Judy MarickSTREET 1429 Lashley St.CITY Longmont Colo. (State) 80501 (Zip)TELEPHONE NO. 776-8673

## (2) LOCATION OF PROPOSED WELL

County Weld

SW  $\frac{1}{4}$  of the SE  $\frac{1}{4}$ , Section 19  
Twp. 2N, Rng. 6E W1, 6<sup>th</sup> P.M.

## (3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 15Average annual amount of ground water to be appropriated (acre-feet): 1Number of acres to be irrigated: 40 ac.Proposed total depth (feet): 280'

Aquifer ground water is to be obtained from:

Sand & gravelOwner's well designation 1

## GROUND WATER TO BE USED FOR:

☒ HOUSEHOLD USE ONLY - no irrigation (0)  
( ) DOMESTIC (1) ( ) INDUSTRIAL (5)  
( ) LIVESTOCK (2) ( ) IRRIGATION (6)  
( ) COMMERCIAL (4) ( ) MUNICIPAL (8)

( ) OTHER (9) \_\_\_\_\_

## (4) DRILLER Licensed Driller

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

(State)

(Zip)

Telephone No. \_\_\_\_\_

Lic. No. \_\_\_\_\_

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 53428

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.

APPROVED FOR HOUSEHOLD USE ONLY, FOR ONE (1) SINGLE FAMILY DWELLING AND NOT TO BE USED FOR IRRIGATION. THE RETURN FLOW FROM THE USE OF THIS WELL MUST BE RETURNED TO THE SAME STREAM SYSTEM IN WHICH THE WELL IS LOCATED. agw

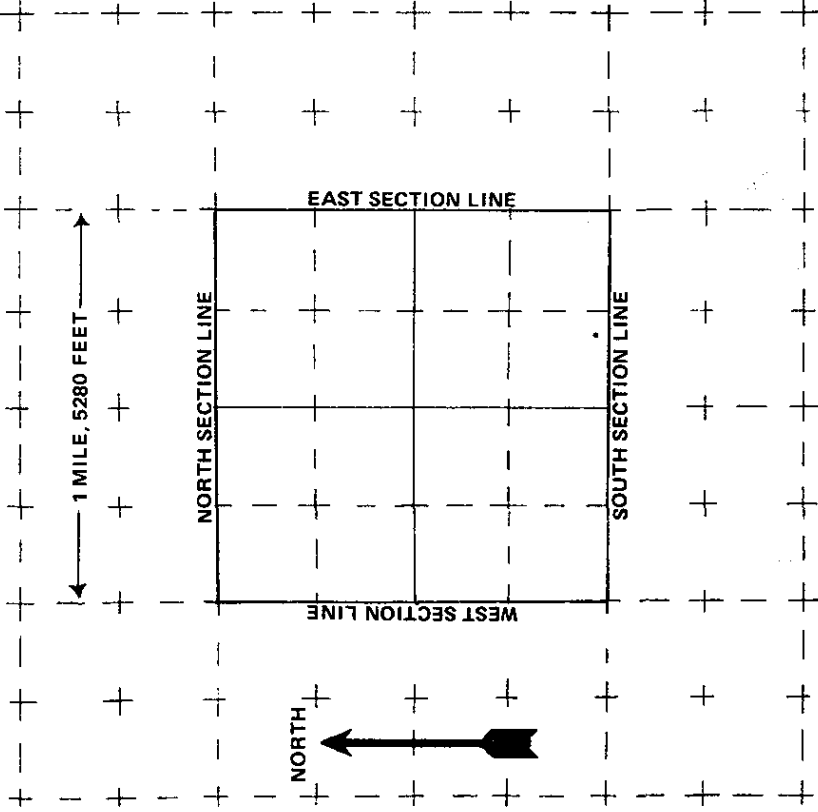
## APPLICATION APPROVED

I.D. 1 W.D. 06 COUNTY 62PERMIT NUMBER 75496DATE ISSUED JUL 18 1974EXPIRATION DATE JUL 18 1976

DEPUTY (STATE ENGINEER)

BY

(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)

An acre-foot covers 1 acre of land 1 foot deep  
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.

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

Owner(s): Keith D. & Judy K. Marick No. of acres: 10

10 acres in SE 1/4 of Section 19, T2N, R68W of the 6th P.M., Weld County, Colorado

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

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

Type of right \_\_\_\_\_ Used for (purpose) \_\_\_\_\_

6 shares Boulder White Rock Irrigation Legal Description of land on which used Sec. 19, T2N, R68W, 6th P.M. Weld County

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

Keith D. Marick Judy K. Marick  
SIGNATURE OF APPLICANT(S)

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

337 ft. from South (north or south) sec. line

1690 ft. from East (east or west) sec. line

LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ FILING # \_\_\_\_\_

SUBDIVISION \_\_\_\_\_

(7) TRACT ON WHICH WELL WILL BE LOCATED

No. of acres 10 Will this be the only well on this tract? yes

(8) PROPOSED CASING PROGRAM

Plain Casing

6 5/8 in. from 1 ft. to 20 ft.

4 1/2 in. from 15 ft. to 180 ft.  
Perforated casing

4 1/2 in. from 180 ft. to 280 ft.  
\_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

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