

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

RECEIVED

JUL 31 '78

WATER RESOURCES
STATE ENGINEER
COL.

PERMIT APPLICATION FORM

RECEIVED
AUG 7 1978
JUL 12

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

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

() REPLACEMENT FOR NO.

() OTHER

WATER COURT CASE NO.

(1) APPLICANT - mailing addressNAME HAROLD E. REEDSTREET 6014 McDougal DriveCITY Fayetteville, North Carolina 28304
(State) (Zip)TELEPHONE NO. 919 867-1195**(2) LOCATION OF PROPOSED WELL**County ParkSE $\frac{1}{4}$ of the NE $\frac{1}{4}$, Section 8Twp. 14 S, Rng. 71 W, 6th P.M.
(N.S) (E.W)**(3) WATER USE AND WELL DATA**Proposed maximum pumping rate (gpm) 10Average annual amount of ground water to be appropriated (acre-feet): $\frac{1}{2}$ Number of acres to be irrigated: 0Proposed total depth (feet): 275

Aquifer ground water is to be obtained from:

frac granite

Owner's well designation

GROUND WATER TO BE USED FOR:

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

DETAIL THE USE ON BACK IN (11)

(4) DRILLERName ROCKY MOUNTAIN DRILLINGStreet STAR ROUTECity FLORISSANT, CO 80816
(State) (Zip)Telephone No. 748-3318 Lic. No. 891

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 95416

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.

THE MUNICIPAL OR COUNTY GOVERNMENT SHALL BE CONSULTED WHEN LOCATING THIS WELL, AND THEIR REGULATIONS SHALL BE COMPLIED WITH.

*BR***APPLICATION APPROVED**PERMIT NUMBER 101233DATE ISSUED AUG 21 1978EXPIRATION DATE AUG 21 1980

Bruce E. DeBrune
DEPUTY (STATE ENGINEER)

BY

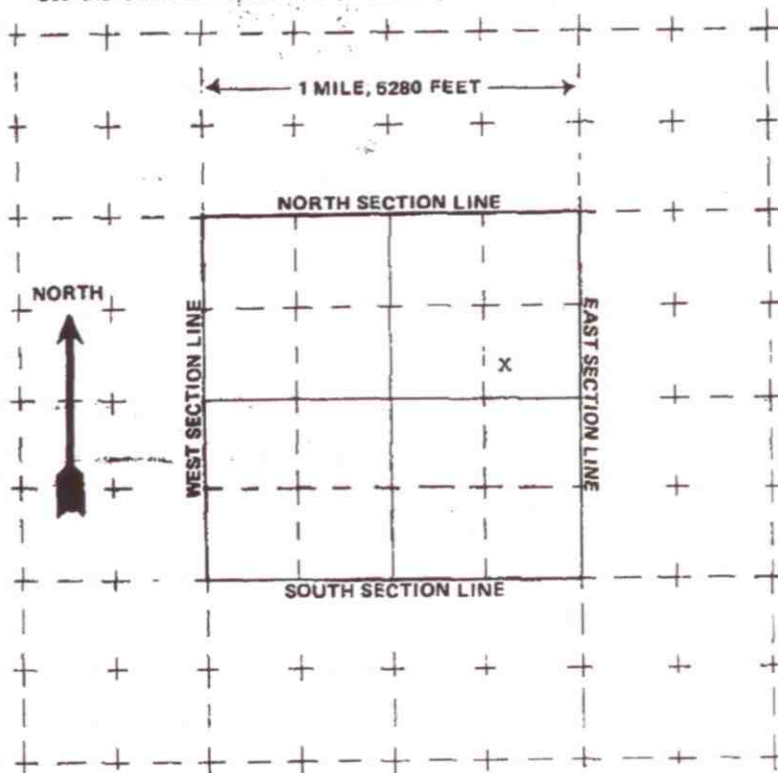
I.D.

2-12

COUNTY

47

(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.

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

1960 ft. from North sec. line
(north or south)

1000 ft. from East sec. line
(east or west)

UNIT 111 111 6 FILING #

SUBDIVISION Park Ridge Ranch

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: Harold E. Reed

No. of acres 7 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 in. from 10 ft. to 200 ft.

Perforated casing

4 in. from 200 ft. to 275 ft.

in. from ft. to ft.

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

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

Owner(s): Harold E. Reed No. of acres: 7

Legal description: Lot 111, Unit 6, Park Ridge Ranch, Park County

(11) **DETAILED DESCRIPTION** of the use of ground water: Household use and domestic wells must indicate type of disposal system to be used. Household use only; septic tank, leeching field

(12) **OTHER WATER RIGHTS** used on this land, including wells. Give Registration and Water Court Case Numbers.

Type or right

Used for (purpose)

Description of land on which used

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

Mrs. Pamela C. Reed
SIGNATURE OF APPLICANT(S)

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

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818
Denver, Colorado 80203

WELL COMPLETION AND PUMP INSTALLATION REPORT

PERMIT NUMBER 101233

PARK COUNTY

WELL OWNER Harold E. Reed SE 1/4 of the NE 1/4 of Sec. 8
ADDRESS 6014 McDougal Drive
Fayetteville, NC 28304 T. 14 South R. 71 West 6th P.M.

DATE COMPLETED August 20, 19 79 HOLE DIAMETER

7 7/8 in. from 0 to 20 ft.

6 in. from 20 to 303 ft.

 in. from to ft.

DRILLING METHOD air percussion

CASING RECORD: Plain Casing

Size 6 5/8 & kind steel from +1 to 20 ft.

Size 4" & kind plastic from 13 to 195 ft.

Size 4" & kind plastic from 297 to 303 ft.

Perforated Casing

Size 4" & kind plastic from 195 to 297 ft.

Size & kind from to ft.

Size & kind from to ft.

GROUTING RECORD

Material cement

Intervals 0 - 20

Placement Method poured

GRAVEL PACK: Size

Interval

TEST DATA

Date Tested August 20, 19 79

Static Water Level Prior to Test 75 ft.

Type of Test Pump air

Length of Test two hours

Sustained Yield (Metered) 25 - 35 gph

Final Pumping Water Level bottom (0)

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	2	loose rock	
2	75	pikes peak granite	
75	76	fractured	75
76	279	pikes peak granite	
279	280	fractured	279
280	303	pikes peak granite	
TOTAL DEPTH <u>303 feet</u>			

Use additional pages necessary to complete log.

RECEIVED

SEP 11 1979

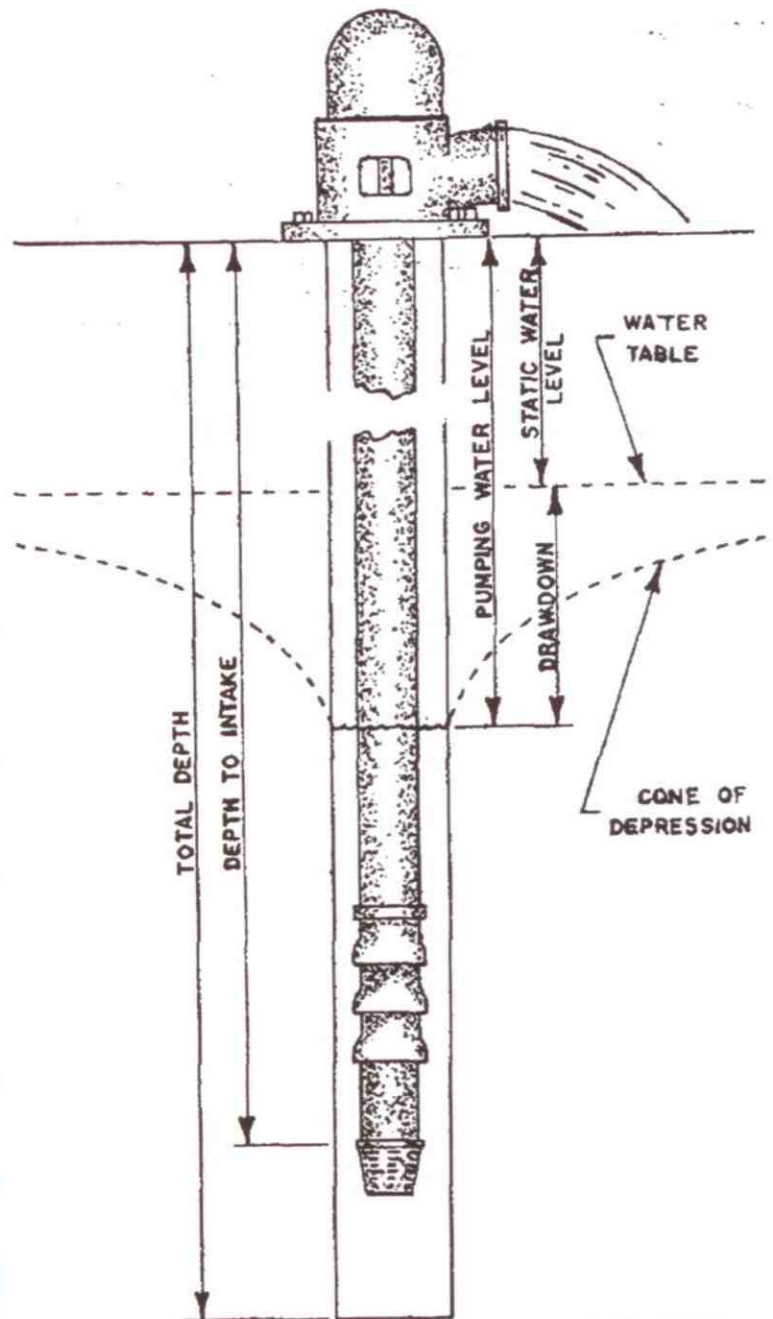
WATER RESOURCES
STATE ENGINEER
GOLD

PUMP INSTALLATION REPORT

Pump Make Webtrol
 Type Submersible
 Powered by electric HP 3/4
 Pump Serial No. 334260910
 Motor Serial No. 334260910
 Date Installed July 21, 1981
 Pump Intake Depth 276'
 Remarks _____

WELL TEST DATA WITH PERMANENT PUMP

Date Tested _____
 Static Water Level Prior to Test 35'
 Length of Test _____ Hours
 Sustained yield (Metered) _____ GPM
 Pumping Water Level _____
 Remarks see well log



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 Jessup License No. 891
 State of Colorado, County of Park SS
 Subscribed and sworn to before me this 23 day of July, 19 81.
 My Commission expires: July 25, 19 84.
 Notary Public John M. Muller

FORM TO BE MADE OUT IN QUADRUPLICATE: 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.