

COLORADO DIVISION OF WATER RESOURCES

300 Columbine Bldg., 1845 Sherman St.
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 79215

104
JEO/E
RECEIVED
APR 22 '76
WATER RESOURCES
ENGINEER
C.O.O.

WELL OWNER Patrick & Coy 510 % of the NW % of Sec. 19

ADDRESS 5660 S Syracuse Circle T. 12 R. 65W 6 P.M.

DATE COMPLETED 2-22, 1976 HOLE DIAMETER

8 in. from 0 to 300 ft.

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	28	Sandstone	
28	44	Clay	
44	69	Sandstone	
69	84	Clay	
84	149	Sandstone	
149	167	Clay	
167	300	Sandstone with clay streaks	
		TOTAL DEPTH <u>300</u>	

_____ in. from _____ to _____ ft.

_____ in. from _____ to _____ ft.

DRILLING METHOD

CASING RECORD: Plain Casing

Size 5 & kind Plastic from 0 to 200 ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

Perforated Casing

Size 5 & kind Plastic from 200 to 300 ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

GROUTING RECORD

Material Cement

Intervals 35'

Placement Method Top

GRAVEL PACK: Size 3/8

Interval _____

TEST DATA

Date Tested 2-22, 1976

Static Water Level Prior to Test 180 ft.

Type of Test Pump Sub

Length of Test 4

Sustained Yield (Metered) 10

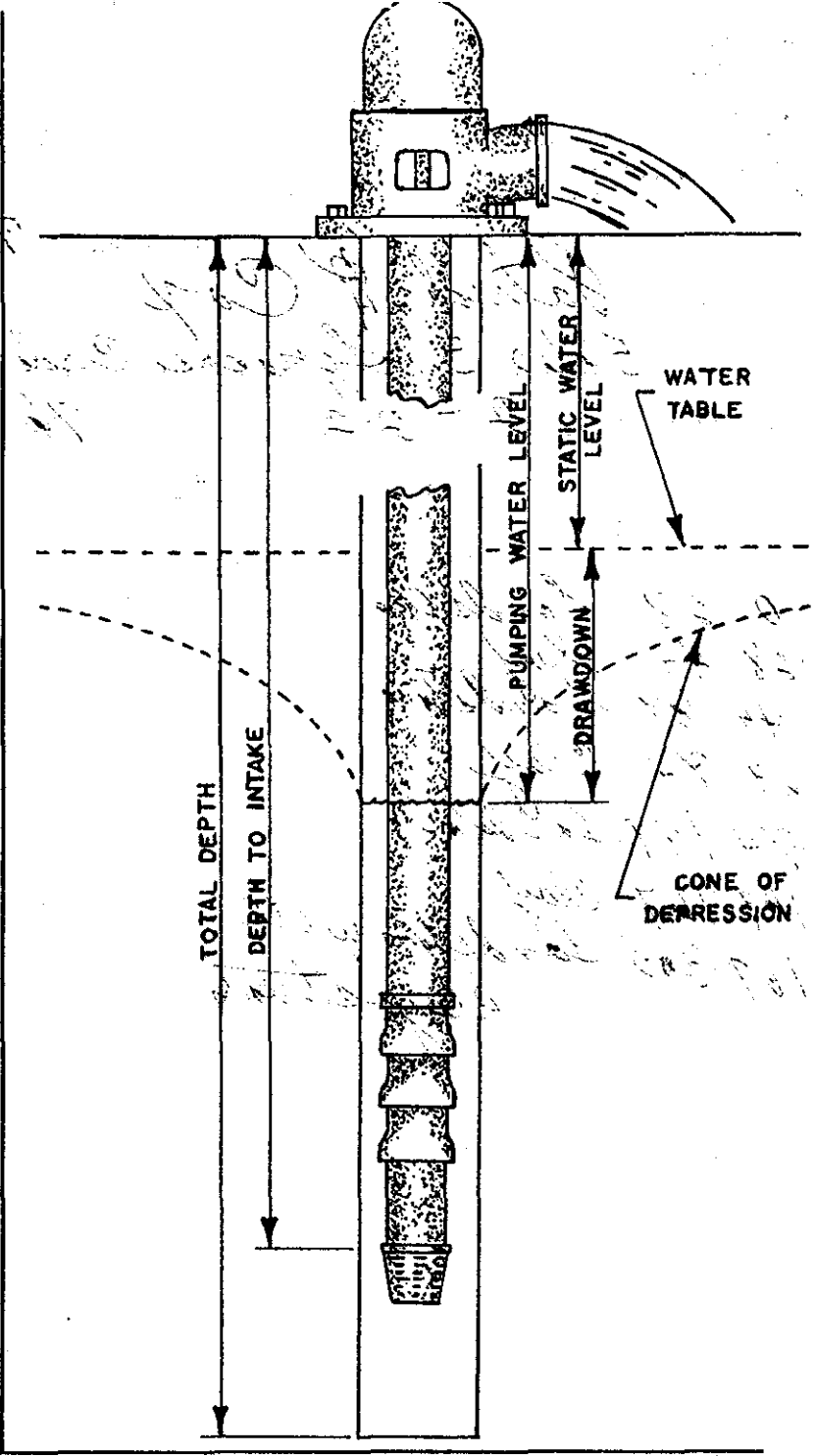
Final Pumping Water Level 230

Use additional pages necessary to complete log.

PUMP INSTALLATION REPORT

Pump Make Shu Rite
 Type Sub
 Powered by _____ HP _____
 Pump Serial No. _____
 Motor Serial No. _____
 Date Installed 2-22-76
 Pump Intake Depth 287
 Remarks new Installation

WELL TEST DATA WITH PERMANENT PUMP
 Date Tested 2-22-76
 Static Water Level Prior to Test 180
 Length of Test 4 Hours
 Sustained yield (Metered) 10 GPM
 Pumping Water Level 240
 Remarks new Installation



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 V. J. Stewart License No. 166

State of Colorado, County of El Paso SS

Subscribed and sworn to before me this 21 day of April, 1976.

My Commission expires: 3-23, 1980.

Notary Public Gertrude Munson

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

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PERMIT APPLICATION FORM

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

- () 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 _____

RECEIVED
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APR 30 1975
WATER RESOURCES
STATE ENGINEER

(1) APPLICANT - mailing address

NAME PATRICK K. COX.
 STREET 5660 S SYRACUSE CIRCLE
 CITY ENGLEWOOD COLO 80110
(State) (Zip)
 TELEPHONE NO. 770-9324.

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 607531
 Basin _____ Dist. _____

(2) LOCATION OF PROPOSED WELL

County EL PASO
SW $\frac{1}{4}$ of the NW $\frac{1}{4}$, Section 19
 Twp. 12S, Rng. 65W, 6 P.M.

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.

Install plain (non-perforated) casings from ground surface down to a minimum depth of 140 feet and properly sealed to prevent the pumping or appropriation of tributary waters. *abc*

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 15
 Average annual amount of ground water to be appropriated (acre-feet): LESS 1
 Number of acres to be irrigated: LESS 1
 Proposed total depth (feet): 300
 Aquifer ground water is to be obtained from:
Artesian
 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)
- () OTHER (9) _____

APPLICATION APPROVED

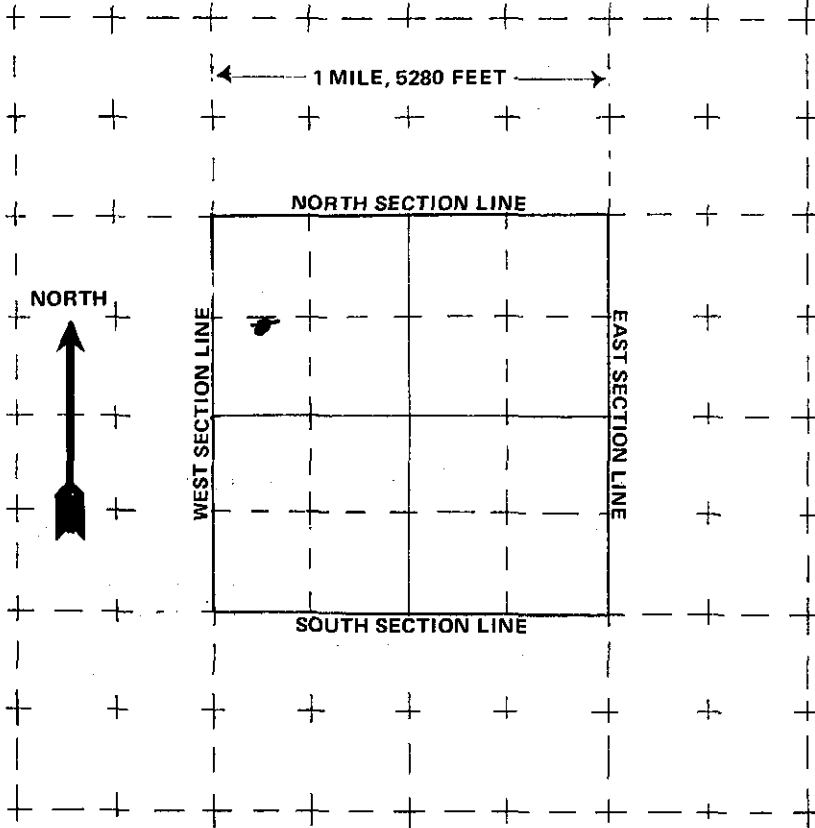
PERMIT NUMBER 79215
 DATE ISSUED MAY 22 1975
 EXPIRATION DATE MAY 22 1977

(4) DRILLER

Name V.J. STEWART DRG CO
 Street 4510 FORD DRIVE
 City COLO SPRING COLO 80908
(State) (Zip)
 Telephone No. 495-3042 Lic. No. 166

Bruce E. DeBune
 DEPUTY (STATE ENGINEER)
 BY Frederic M. Loo
 I.D. 2-10 COUNTY 21

(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.

1420 ft. from NORTH (north or south) sec. line
800 ft. from WEST (east or west) sec. line

LOT _____ BLOCK _____ FILING # _____

SUBDIVISION _____

(7) TRACT ON WHICH WELL WILL BE LOCATED

No. of acres 5. Will this be the only well on this tract? YES.

(8) PROPOSED CASING PROGRAM

Plain Casing

5 in. from 0 ft. to 200 ft.

_____ in. from _____ ft. to _____ ft.

Perforated casing

5 in. from 200 ft. to 300 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): Patrick K Cox No. of acres: 5

Legal description: SW 1/2 NW 1/4 S 19 T 12 R 65W 6 PM

(11) DETAILED DESCRIPTION of the use of ground water:

Household use Septic Tank & Leach field

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

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.

Patrick K. Cox
SIGNATURE OF APPLICANT(S)