

lm RECEIVED

COLORADO DIVISION OF WATER RESOURCES

300 Columbine Bldg., 1845 Sherman St.
Denver, Colorado 80203

JAN 21 1977

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

WATER RESOURCES
STATE ENGINEER
COLO.

PERMIT NUMBER 86243

WELL OWNER Martin C. Schloesser
Colo. Spgs.,
ADDRESS 17535 Bar X Rd., Co. 80908
DATE COMPLETED 1/13/, 19 77

SW 15 ¼ of the SW ¼ of Sec.
T. 11 S, R. 65 W, 6th P.M.

HOLE DIAMETER
6 3/4 in. from 0 to 285 ft.

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	1	Top soil	
1	10	Fine sand	
10	55	Sand & grav. w/gray clay	
55	70	Gray sandy clay	
70	155	Sand & grav. w/gray clay	
155	185	Sand & grav.	X
185	195	Sand & grav. w/gray clay	
195	245	Sand & grav.	X
245	255	Sand & grav. w/gray clay	
255	275	Sand & grav.	X
275	285	Sand & grav. w/gray clay	
		TOTAL DEPTH <u>285'</u>	

Use additional pages necessary to complete log.

_____ in. from _____ to _____ ft.
_____ in. from _____ to _____ ft.

DRILLING METHOD Rotary
CASING RECORD: Plain Casing
Size 4" & kind plas. from 0 to 185 ft.
Size 4" & kind " from 275 to 285 ft.
Size _____ & kind _____ from _____ to _____ ft.

Perforated Casing
Size 4" & kind plas. from 185 to 275 ft.
Size _____ & kind _____ from _____ to _____ ft.
Size _____ & kind _____ from _____ to _____ ft.

GROUTING RECORD
Material Sand, gravel, cement
Intervals 0'-20' Neat cement @ 150
Placement Method Manual

GRAVEL PACK: Size 1/8"-1/4" Pea
Interval 20'-285'

TEST DATA
Date Tested 1/13/, 19 77
Static Water Level Prior to Test 135 ft.
Type of Test Pump Bailer
Length of Test 4 1/2 hrs.
Sustained Yield (Metered) 12 gpm
Final Pumping Water Level 160'

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 _____

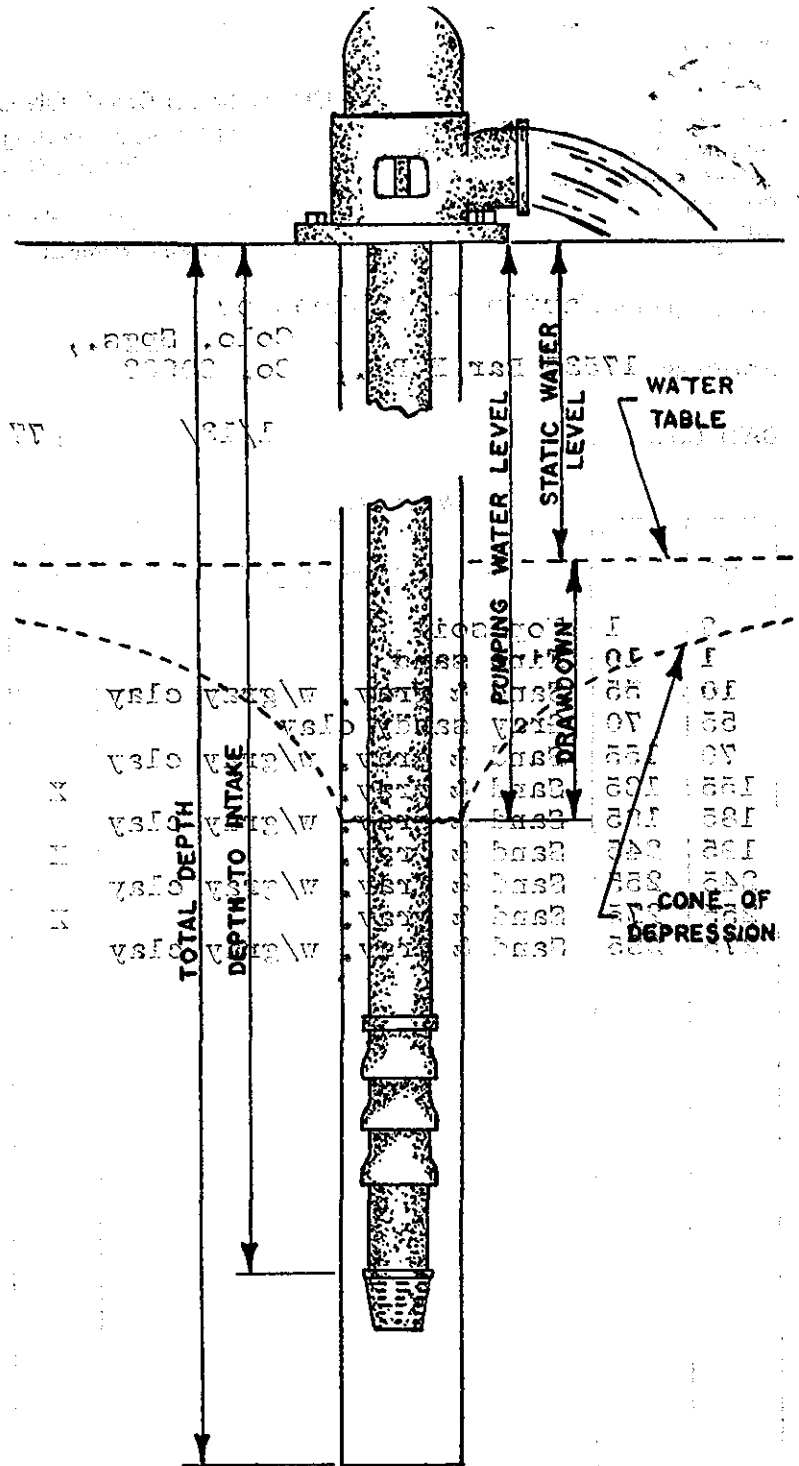
Static Water Level Prior to Test _____

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 Thomas F. Fletcher

License No. 797

State of Colorado, County of El Paso

SS

Subscribed and sworn to before me this 20th day of Jan., 1977.

My Commission expires: Jan. 12, 1980

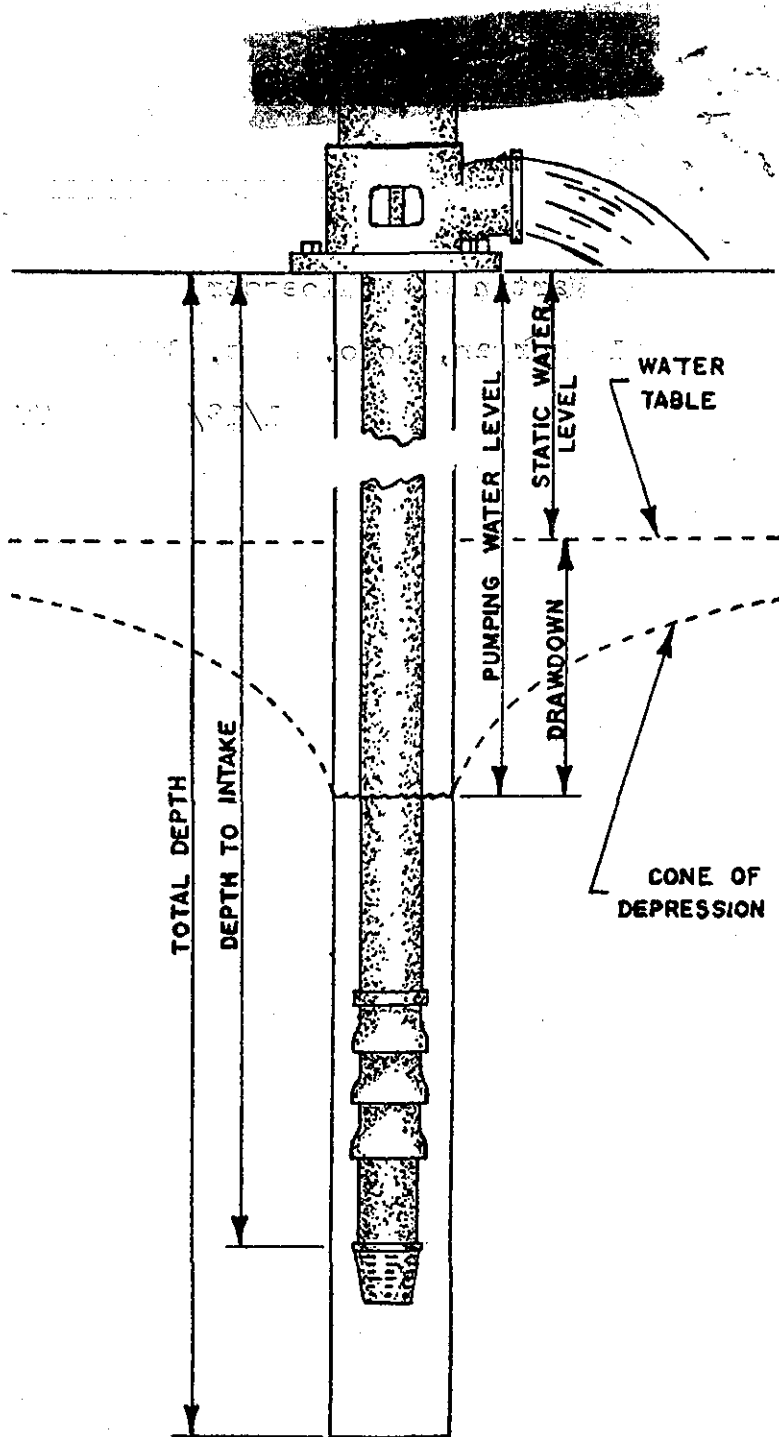
Notary Public Marion Helgeson

PUMP INSTALLATION REPORT

Pump Make Goulds
 Type Submersible
 Powered by Elec. HP 1
 Pump Serial No. 10EJ10412
 Motor Serial No. C005924
 Date Installed 6/6/77
 Pump Intake Depth 265'
 Remarks _____

WELL TEST DATA WITH PERMANENT PUMP

Date Tested 6/6/77
 Static Water Level Prior to Test 135'
 Length of Test 2 Hours
 Sustained yield (Metered) 7 GPM
 Pumping Water Level not measured
 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 [Handwritten Signature] License No. 497

State of Colorado, County of El Paso SS

Subscribed and sworn to before me this 21st day of Nov., 1977.

My Commission expires: Jan. 12, 1980.

Notary Public Marion Fletcher

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

PERMIT APPLICATION FORM

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 _____

RECEIVED 510
AUG 13 '76
WATER RESOURCES
STATE ENGINEER
COLO.

(1) APPLICANT - mailing address

NAME Martin C. Schloesser

STREET 17535 Bar X Rd.

CITY Colo. Springs, Co. 80908
(State) (Zip)

TELEPHONE NO. 495-4519

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 73048 7520

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.

(2) LOCATION OF PROPOSED WELL

County El Paso

SW ¼ of the SW ¼, Section 15

Twp. 11 S, Rng. 65 W, 6th P.M.

Install plain (non-perforated) casings from ground surface down to a minimum depth of 150 feet and properly sealed to prevent the pumping or appropriation of tributary waters.

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 15

Average annual amount of ground water to be appropriated (acre-feet): 1

Number of acres to be irrigated: 0

Proposed total depth (feet): 200

Aquifer ground water is to be obtained from:
Sand, gravel

Owner's well designation #1

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 86243

DATE ISSUED SEP 14 1976

EXPIRATION DATE SEP 14 1978

Bruce E. O'Brien
DEPUTY (STATE ENGINEER)

BY [Signature]

I.D. 1-01 COUNTY 21

(4) DRILLER

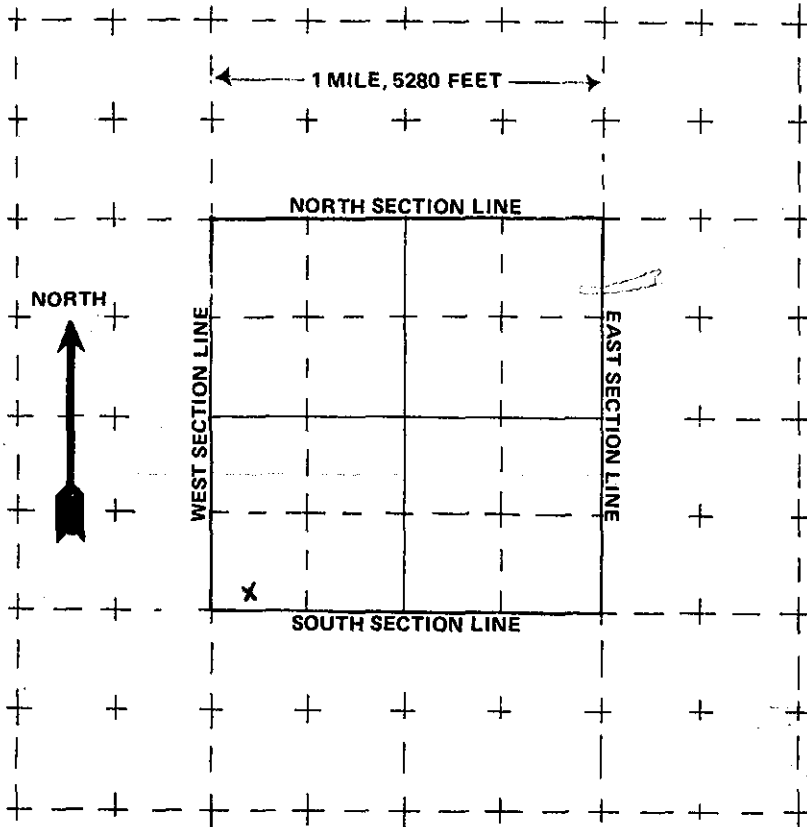
Name PAUL FLETCHER & SONS, INC.

Street R #1

City Palmer Lake, Co. 80133
(State) (Zip)

Telephone No. 481-3589 Lic. No. 797

(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.

100' ft. from South sec. line
(north or south)

1225' ft. from West sec. line
(east or west)

LOT _____ BLOCK _____ FILING # _____

SUBDIVISION _____

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: _____

No. of acres 86.6 Will this be the only well on this tract? no See Par. 11

(8) **PROPOSED CASING PROGRAM**

Plain Casing
4" in. from 0 ft. to 140 ft.

4" in. from 190 ft. to 200 ft.
Perforated casing

4" in. from 140 ft. to 190 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): Martin C. Schloesser No. of acres: 86.6

Legal description: SW $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 15, T 11S, R 65W, 6th PM

(11) **DETAILED DESCRIPTION** of the use of ground water: Household use and domestic wells must indicate type of disposal system Family use, watering lawn and garden, and water for cows and pigs. Will have closed septic tank w/underground leach field. Will apply for stock well permit in near future.

(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.**

Martin C. Schloesser
SIGNATURE OF APPLICANT(S)