

COLORADO DIVISION OF WATER RESOURCES

101 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.

WELL COMPLETION AND PUMP INSTALLATION REPORT

PERMIT NUMBER 76259

RECEIVED

APR 07 '75

WATER RESOURCES
STATE ENGINEER
BOLG.WELL OWNER Frank Freemyer NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec. 17ADDRESS Haxtun, Colorado T. 6 N. 47 R. 6 th 6 P.M.DATE COMPLETED Oct., 19 74

HOLE DIAMETER

8 in. from 0 to 301 ft. in. from to ft. in. from to ft.

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	4	Topsoil	
4	64	Clay & Limestone Layers	
64	81	Gravel	
81	111	Limestone & Clay	
111	145	Gravel & Clay Layers	
145	153	Limestone	
153	191	Gravel	
191	202	Limestone & Clay	
202	206	Gravel & Clay Layers	
206	227	Gravel	219
227	239	Hard Limestone	
239	241	Yellow	
241	267	Light Blue Shale With Limestone Lay.	
267	269	Hard Limestone	
269	301	Dark Shale With Hard Gravel Rock	
TOTAL DEPTH <u>301</u>			

Use additional pages necessary to complete log.

CASING RECORD: Plain Casing

Size 5 & kind Plas from 0 to 220 ft.Size & kind from to ft.Size & kind from to ft.

Perforated Casing

Size 5 & kind Plas. from 220 to 301 ft.Size & kind from to ft.Size & kind from to ft.

GROUTING RECORD

Material Intervals Placement Method GRAVEL PACK: Size Small PeaInterval

TEST DATA

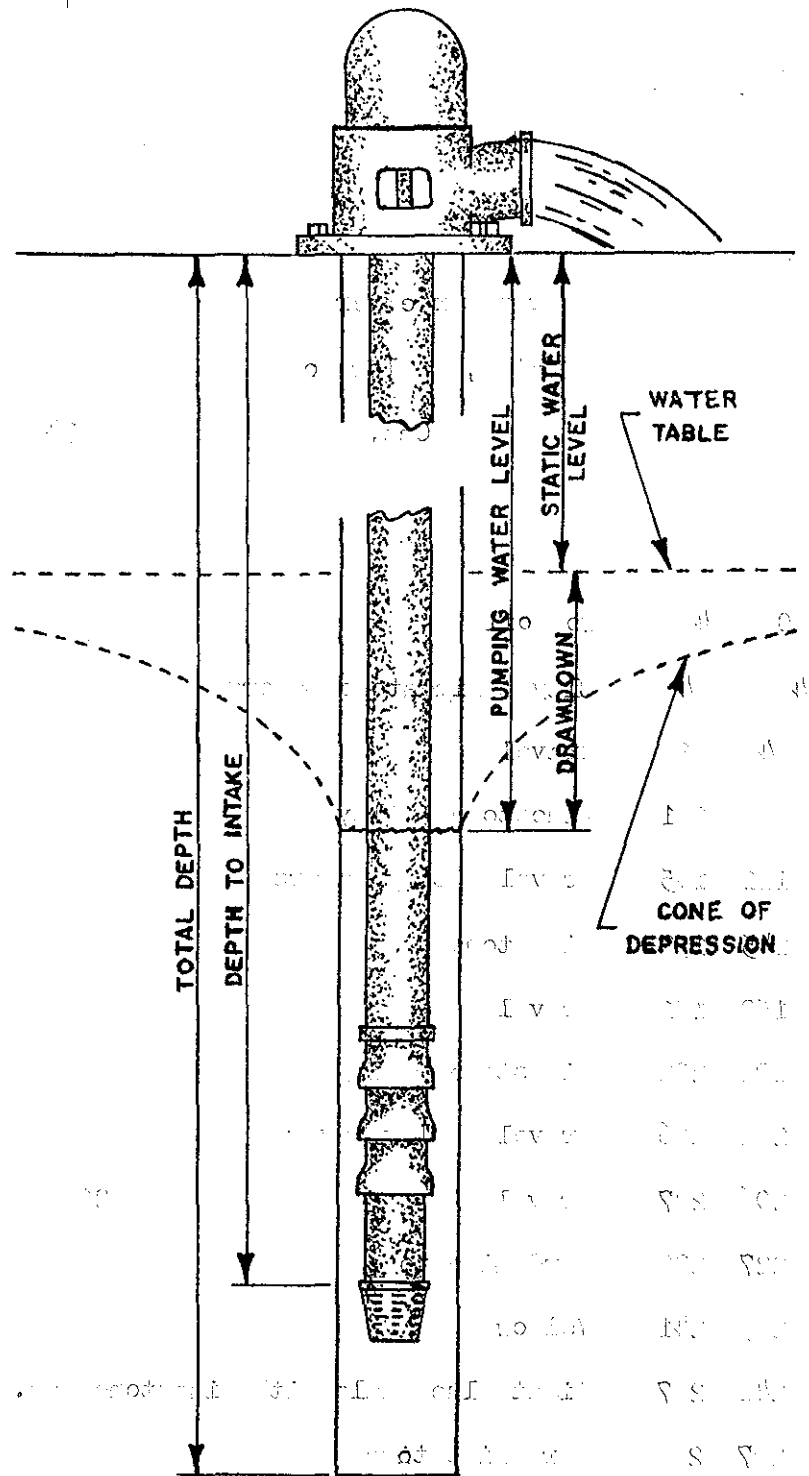
Date Tested Oct, 19 74Static Water Level Prior to Test 216 ft.Type of Test Pump Bailing BucketLength of Test 4 Hrs.Sustained Yield (Metered) 6 G.P.M.Final Pumping Water Level 219

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 *Grady Kroy* License No. 452
 State of Colorado, County of Yuma SS
 Subscribed and sworn to before me this 5 day of April, 1975.
 My Commission expires: Nov 10, 1978.
 Notary Public *Glenn L. Scott*

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

T.A.S.

RECEIVED

AUG 29 '74

am WATER RESOURCES
STATE ENGINEER
COLO.

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.

(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 _____

(1) APPLICANT - mailing addressNAME Frank Freenyer

STREET _____

CITY Haxtun, Colorado 80731
(State) (Zip)TELEPHONE NO. 774-2831

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 553051Basin NHP-1Dist. E-4**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 WELLCounty PhillipsNW $\frac{1}{4}$ of the SW $\frac{1}{4}$, Section 17Twp. 6 N, Rng. 47 W, 6 P.M.**(3) WATER USE AND WELL DATA**Proposed maximum pumping rate (gpm) 50Average annual amount of ground water to be appropriated (acre-feet): N.A.Number of acres to be irrigated: NoneProposed total depth (feet): 300Aquifer ground water is to be obtained from:
Cgallala

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) _____

(4) DRILLERName A Colo. Licensed Driller

Street _____

City _____
(State) (Zip)

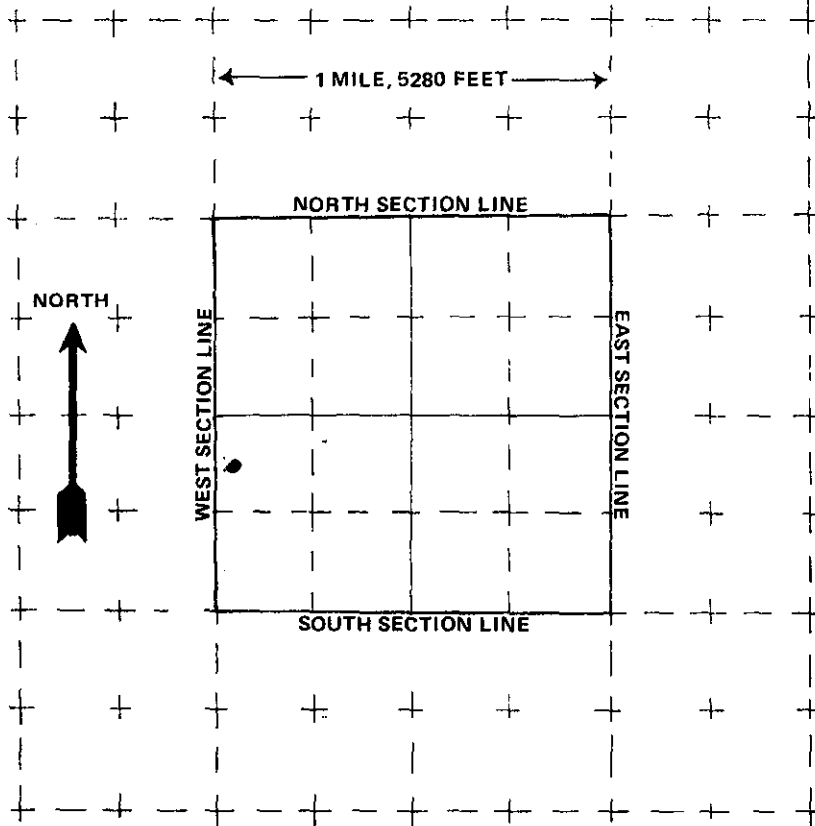
Telephone No. _____ Lic. No. _____

APPLICATION APPROVEDI.D. 1 W.D. 65 COUNTY 48PERMIT NUMBER 76259DATE ISSUED SEP 3 1974EXPIRATION DATE SEP 3 1976

H. W. Erker
DEPUTY (STATE ENGINEER)

BY *Leonard A. Mercer*
1-4

(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.

1880 ft. from South (north or south) sec. line
50 ft. from West (east or west) sec. line

LOT _____ BLOCK _____ FILING # _____

SUBDIVISION _____

(7) **TRACT ON WHICH WELL WILL BE LOCATED**

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

(8) **PROPOSED CASING PROGRAM**

Plain Casing

5 in. from 0 ft. to 150 ft.

_____ in. from _____ ft. to _____ ft.

Perforated casing

5 in. from 150 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): Frank Freenyer No. of acres: _____

Legal description: _____

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

Livestock only

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

Type of right

Used for (purpose)

Legal 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.**

Frank Freenyer
SIGNATURE OF APPLICANT(S)