

WAE
COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818
 Denver, Colorado 80203

WELL COMPLETION AND PUMP INSTALLATION REPORT 155041-A
PERMIT NUMBER 155041-A (Jefferson County)

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

WELL OWNER HENRY FERNE SW ¼ of the SW ¼ of Sec. 3
9106 South Jennings
 ADDRESS Morrison, Colorado 80465 T. 6 S. R. 70 W. 6th P.M.
 DATE COMPLETED September 11, 19 89

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	1	Top Soil	
1	8	Decomposed Pink Granite	
8	70	Pink Granite	
70	90	Black Schist	
90	110	Grey Granite, Black Schist	
110	195	Pink & Grey Granite	120
195	200	Pink Granite, White Quartz	
200	318	Pink Granite, Black Schist	
318	321	Pink Granite	
321	365	Pink Granite, Black Schist	365
365	367	Black Schist	
367	370	Pink Granite, Black Schist	
370	372	Pink Granite	
372	470	Pink Granite, Black Schist	
470	503	Pink Granite, Black Schist, traces of Brown Clay	
TOTAL DEPTH <u>503</u>			

Use additional pages necessary to complete log.

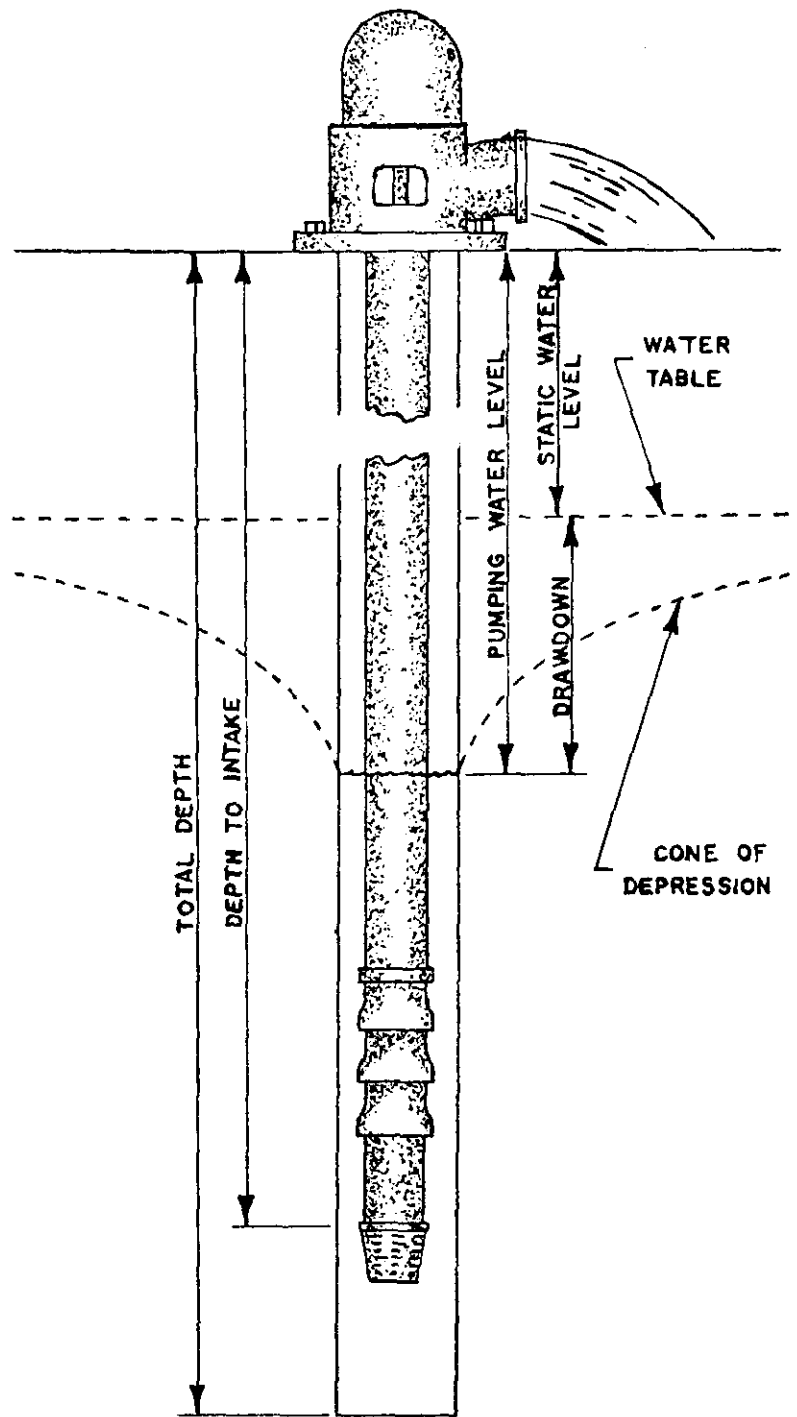
HOLE DIAMETER
8-1/2 in. from 0 to 19 ft.
6-1/8 in. from 19 to 503 ft.
 _____ in. from _____ to _____ ft.
DRILLING METHOD Air Percussion
CASING RECORD: Plain Casing
 Size 6-5/8 & kind Steel from +1 to 19 ft.
OPEN HOLE
 Size _____ & kind _____ from _____ to _____ ft.
 Size _____ & kind _____ from _____ to _____ ft.
OPEN HOLE Perforated Casing
 Size _____ & kind _____ from _____ to _____ ft.
 Size _____ & kind _____ from _____ to _____ ft.
 Size _____ & kind _____ from _____ to _____ ft.
GROUTING RECORD
 Material Cement 2 % c.c. 14.8 # / gallon
 Intervals 0 - 19 ft.
 Placement Method Poured
GRAVEL PACK: Size _____
 Interval _____
TEST DATA
 Date Tested September 11 thru Sept. 14, 19 89
 Static Water Level Prior to Test has not reached static by 9/18/89 ft.
 Type of Test Pump Timed up hole with Sonar Meter
 Length of Test 72 Hour test
 Sustained Yield (Metered) 3.9 G.P. Hour
 Final Pumping Water Level Not applicable

PUMP INSTALLATION REPORT

Pump Make Not installed by us.
 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 Gary E. Bryning Gary E. Bryning License No. 1078

State of Colorado, County of Jefferson SS

Subscribed and sworn to before me this 23rd day of Oct, 19 89.

My Commission expires: August 23, 19 93

Notary Public Terri L. Bryning **TERRI L. BRYNING**
STATE ENGINEER
PHIL. 6516 60470

FORM TO BE MADE OUT IN QUADRUPPLICATE: 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.

COLORADO DIVISION OF WATER RESOURCES
818 Centennial Bldg., 1313 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.
RECEIVED
AUG 10 1989
WATER RESOURCES
STATE ENGINEER
COLO.

- () A PERMIT TO USE GROUND WATER
 - (X) A PERMIT TO CONSTRUCT A WELL
 - (X) A PERMIT TO INSTALL A PUMP
 - (X) REPLACEMENT FOR NO. LIN REGISTERED
 - () OTHER _____
- WATER COURT CASE NO. _____

08-10-89 11:15 P
132472 10.00
10000 10.00
60.00
0.00

(1) APPLICANT - mailing address

NAME HENRY FERNE
 STREET 9106 S. JENNINGS
 CITY MORRISON COLO. 80465
(State) (Zip)
 TELEPHONE NO. (303) 697-1914

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 303810-B
 Basin _____ Dist. _____

(2) LOCATION OF PROPOSED WELL

County JEFFERSON
SW 1/4 of the SW 1/4, Section 13
 Twp. 6 S., Rng. 70 W. 6 P.M.
(N,S) (E,W)

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.

ISSUANCE OF THIS PERMIT DOES NOT CONFER A DECREED WATER RIGHT

(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: 1/3 A/C
 Proposed total depth (feet): 250
 Aquifer ground water is to be obtained from: granite
 Owner's well designation _____

1) APPROVED PURSUANT TO CHS 37-92-602(3)(c) FOR THE RELOCATION OF EXISTING WELL PERMIT NO. 155041. THE EXISTING WELL MUST BE PLUGGED AND ABANDONED ACCORDING TO THE WATER WELL CONSTRUCTION AND PUMP INSTALLATION RULES WITHIN NINETY (90) DAYS OF COMPLETION OF THE NEW WELL. THE ENCLOSED AFFIDAVIT FORM MUST BE COMPLETED AFFIRMING THAT THE OLD WELL WAS PLUGGED AND ABANDONED.

2) THE USE OF GROUND WATER FROM THIS WELL IS LIMITED TO ORDINARY HOUSEHOLD PURPOSES INSIDE ONE SINGLE FAMILY DWELLING, THE WATERING OF DOMESTIC ANIMALS, AND THE IRRIGATION OF NOT MORE THAN 4,000 SQUARE FEET OF HOME GARDENS AND LAWNS.
 M.M. 8-18-87

GROUND WATER TO BE USED FOR:

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

DETAIL THE USE ON BACK IN (11)

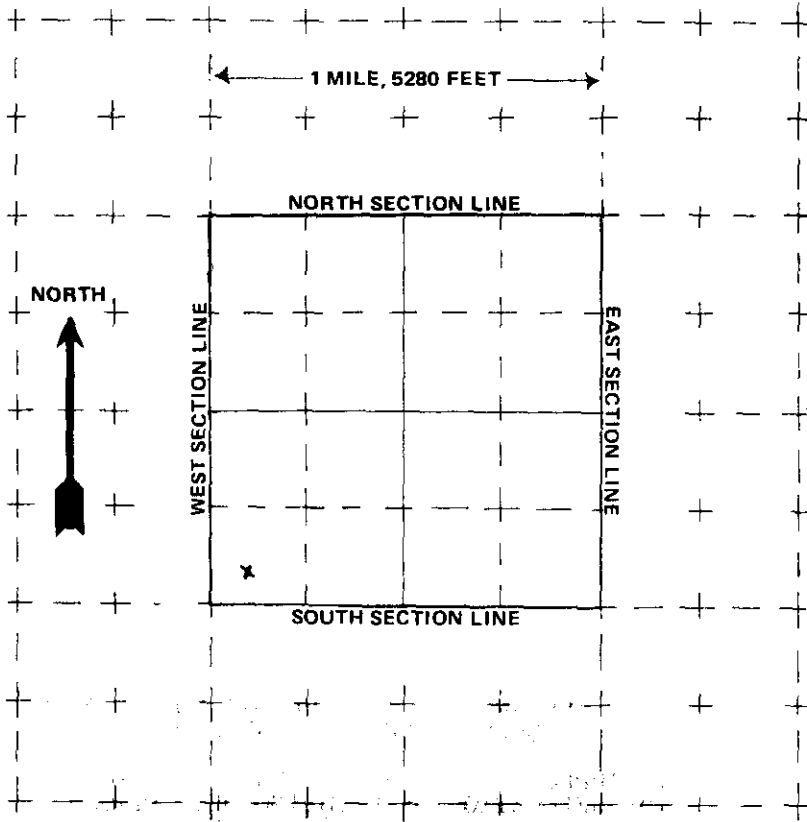
APPLICATION APPROVED

PERMIT NUMBER 155041-A
 DATE ISSUED AUG 17 1989
 EXPIRATION DATE AUG 17 1991
John A. Danielson
(STATE ENGINEER)
 BY M.A. Malley
 I.D. 1-08 COUNTY 30

(4) DRILLER

Name ASPEN DRILLING Co., Inc
 Street 9054 So. Hwy 285
 City MORRISON, Colo 80465
(State) (Zip)
 Telephone No. 697-8335 Lic. No. 949

(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.

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

400 ft. from West sec. line
(east or west)

LOT _____ BLOCK _____ FILING # _____

SUBDIVISION N/A.

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

No. of acres 32. Will this be the only well on this tract? YES

(8) **PROPOSED CASING PROGRAM**

Plain Casing

6 5/8 in. from 0 ft. to 20 ft.

4 1/2 in. from 10 ft. to 100 ft.
Perforated casing

4 1/2 in. from 100 ft. to 250 ft.

_____ in. from _____ ft. to _____ ft.

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

100 EAST.
OWNER to plug
1966 well? 125'

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

Owner(s): SAME AS TRACT No. of acres: 32.

Legal description: SW- SW 3 6S 70W @ 6P

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

DOMESTIC - HORSES EXISTING 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
<u>NONE</u>	<u>—</u>	<u>—</u>

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

Henry Ferrel
SIGNATURE OF APPLICANT(S)