

WET

RECEIVED

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818
Denver, Colorado 80203

JAN 26 1989

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
ENGINEER
198

PERMIT NUMBER 150794

WELL OWNER DAVID & DONNA KILLEN NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Sec. & 7

ADDRESS P.O. BOX 1183 T. 7S, R. 71W, 6 AM

DATE COMPLETED NOV 9, 1988, 19 HOLE DIAMETER

8 in. from 0 to 20 ft.

6 in. from 20 to 590 ft.

 in. from to ft.

DRILLING METHOD air percussion

CASING RECORD: Plain Casing

Size 65/8 & kind steel from +1 to 20 ft.

Size 4 & kind plastic from 10 to 290 ft.

Size & kind from to ft.

Perforated Casing
Size 4 & kind plastic from 290 to 590 ft.

Size & kind from to ft.

Size & kind from to ft.

GROUTING RECORD

Material cement

Intervals 5 to 20

Placement Method slurry pour 6 to 1

GRAVEL PACK: Size

Interval

TEST DATA

Date Tested 590 Nov 9, 1988, 19

Static Water Level Prior to Test 65

Type of Test Pump air xxxxx

Length of Test 4 hrs

Sustained Yield (Metered) 1/2 GPM

Final Pumping Water Level xxxx

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	2	overburden	
2	6	top soil	
6	80	gray granite pink & white quartz	65
80	160	pink & gray granite	
160	220	gray granite pink & white quartz	
220	320	gray granite	
320	344	pink & white quartz	328
344	367	gray granite & rose granite	
367	577	pink & white quartz	
577	590	gray granite	
		TOTAL DEPTH <u>590</u>	

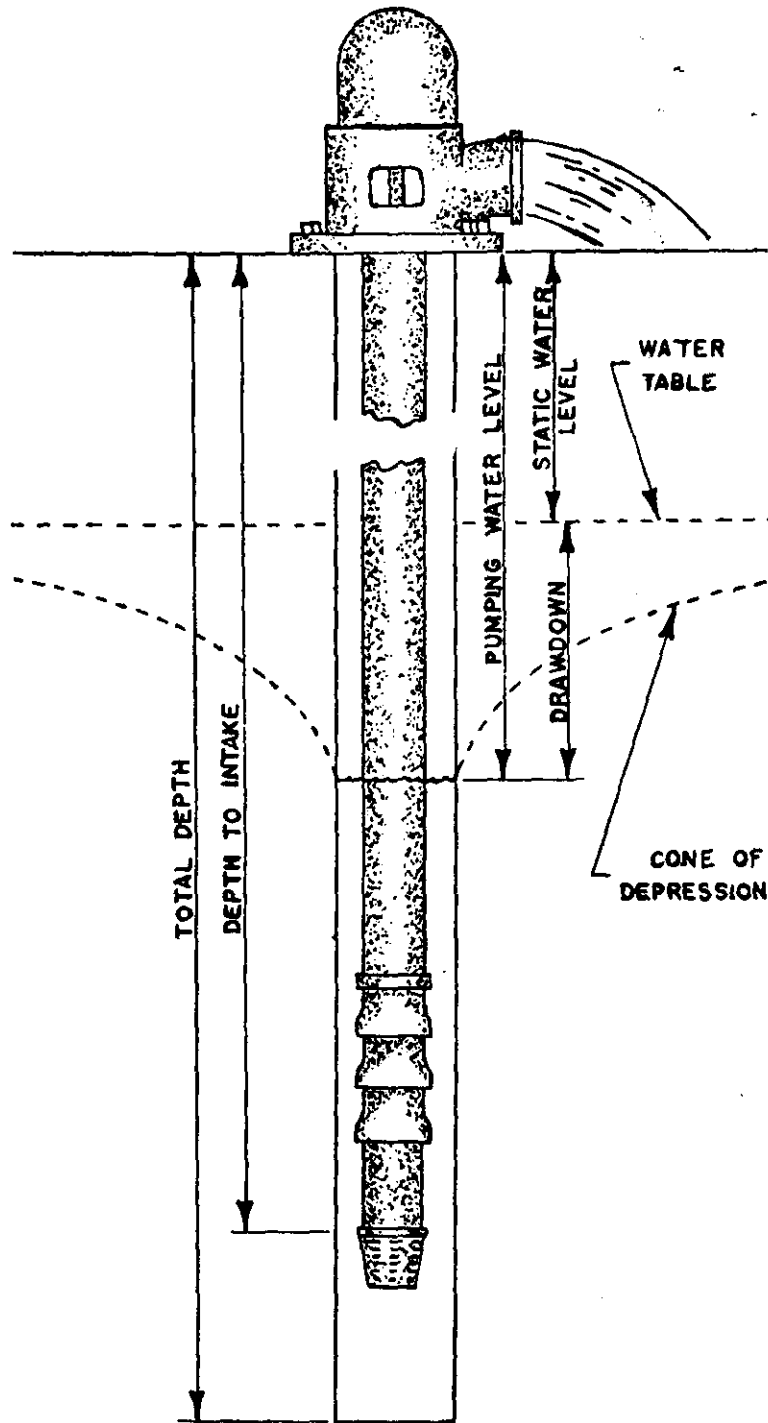
Use additional pages necessary to complete log.

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 Arthur Walton License No. 711
 ARTHUR WALTON A & J DRILLING CO

State of Colorado, County of _____ SS

Subscribed and sworn to before me this _____ day of _____, 19 _____.

My Commission expires: _____, 19 _____.

Notary Public _____

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

MAR 16 1990

WATER RESOURCE
SERIES ENGINEER
COLO.

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

() REPLACEMENT FOR NO.
(X) OTHER CHANGE PERMITS TO COMMERCIAL EXEMPT

NO. 832472-60.00

03-16-90 10:26

(1) APPLICANT - mailing address

NAME DAVID + DONNA KILLEN
STREET P.O. Box 1183
CITY CONIFER CO 80433
TELEPHONE NO. 303-838-7321

(2) LOCATION OF PROPOSED WELL

County JEFFERSON
NW 1/4 of the SE 1/4, Section 7
Twp. 7 S, Rng. 71 W, 6 P.M.

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 15
Average annual amount of ground water to be appropriated (acre-feet): 1/3
Number of acres to be irrigated: 0
Proposed total depth (feet): 300
Aquifer ground water is to be obtained from: FRACTURED GRANITE
Owner's well designation WELL #1

GROUND WATER TO BE USED FOR:

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

(X) OTHER (9) COMMERCIAL EXEMPT

DETAIL THE USE ON BACK IN (11)

(4) DRILLER

Name LICENSED
Street
City
Telephone No. Lic. No.

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 85688
Basin
Dist. ITM 1

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.

- 1) APPROVED FOR THE CHANGE IN USE OF EXISTING PERMIT NO. 137622. ISSUANCE OF THIS PERMIT HEREBY CANCELS PERMIT NO. 137622.
2) APPROVED PURSUANT TO CRS 37-92-200(3)(b)(1) AND THE POLICY OF THE STATE ENGINEER FOR APPROPRIATION OF GROUND WATER TERRITORY TO PINE GULCH, THE NORTH FORK OF THE SOUTH PLATTE RIVER AND THE SOUTH PLATTE RIVER SYSTEM.
3) THE USE OF GROUND WATER FROM THIS WELL IS LIMITED TO DRINKING AND SANITARY FACILITIES AS DESCRIBED IN CRS 37-92-200(1)(c), IN A GLENGY RETREAT HOUSE. WATER FROM THIS WELL SHALL NOT BE USED FOR LAWN OR LANDSCAPE IRRIGATION OR FOR ANY OTHER PURPOSE OUTSIDE THE BUILDING STRUCTURE.
4) THE MAXIMUM PUMPING RATE OF THIS WELL SHALL NOT EXCEED 15 G.P.M.
5) THE MAXIMUM ANNUAL AMOUNT OF GROUND WATER TO BE DIVERTED SHALL NOT EXCEED 1/3 ACRE-FOOT (100,000 GALLONS).
6) APPROVED AS THE ONLY WELL ON A TRACT OF LAND OF 15.07 ACRES DESCRIBED AS A PORTION OF THE NW 1/4 OF THE SE 1/4 AND THE SW 1/4 OF THE NE 1/4 OF SECTION 7, T7S, R72W, OF THE 6TH P.M., JEFFERSON COUNTY, BEING MORE PARTICULARLY DESCRIBED ON THE ATTACHED EXHIBIT "A".
7) THE RETURN FLOW FROM THE USE OF THIS WELL MUST BE THRU AN INDIVIDUAL WASTE WATER DISPOSAL SYSTEM OF THE NON-EVAPORATIVE TYPE WHERE THE WATER IS RETURNED TO THE SAME STREAM SYSTEM IN WHICH THE WELL IS LOCATED.
8) A TOTALIZING FLOW METER MUST BE INSTALLED ON THE DISCHARGE FROM THIS WELL AND BE MAINTAINED IN GOOD WORKING ORDER. PERMANENT RECORDS OF ALL DIVERSIONS MUST BE MAINTAINED BY THE WELL OWNER (RECORDED AT LEAST ANNUALLY) AND SUBMITTED TO THE DIVISION ENGINEER UPON REQUEST.

GRC 3/27/88

APPLICATION APPROVED

PERMIT NUMBER 150794
DATE ISSUED MAR 29 1988
EXPIRATION DATE MAR 29 1990
BY [Signature] (STATE ENGINEER)
I.D. 1-80 COUNTY 30

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

PERMIT APPLICATION FORM

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WATER RESOURCES
ENGINEER
COLO.

(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. _____
(X) OTHER CHANGE PERMIT TO COMMERCIAL EXEMPT
NO. 137622

(1) APPLICANT - mailing address

NAME DAVID + DONNA KILLEN
STREET P.O. Box 1183
CITY CONIFER CO 80433
(State) (Zip)
TELEPHONE NO. 303-838-7321

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 85688
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 JEFFERSON
NW 1/4 of the SE 1/4, Section 7
Twp. 7 S, Rng. 71 W, _____ P.M.
(N.S.) (E.W.)

- 1) APPROVED FOR THE CHANGE IN USE OF EXISTING PERMIT NO. 137622. ISSUANCE OF THIS PERMIT HEREBY CANCELS PERMIT NO. 137622.
- 2) APPROVED PURSUANT TO CRS 37-92-602(3)(b)(I) AND THE POLICY OF THE STATE ENGINEER FOR APPROPRIATION OF GROUND WATER TRIBUTARY TO PINE GULCH, THE NORTH FORK OF THE SOUTH PLATTE RIVER AND THE SOUTH PLATTE RIVER SYSTEM.
- 3) THE USE OF GROUND WATER FROM THIS WELL IS LIMITED TO DRINKING AND SANITARY FACILITIES AS DESCRIBED IN CRS 37-92-602(1)(C), IN A CLERGY RETREAT HOUSE. WATER FROM THIS WELL SHALL NOT BE USED FOR LAWN OR LANDSCAPE IRRIGATION OR FOR ANY OTHER PURPOSE OUTSIDE THE BUILDING STRUCTURE. *revised 12/5/88 mwp*
- 4) THE MAXIMUM PUMPING RATE OF THIS WELL SHALL NOT EXCEED 15 G.P.M.
- 5) THE MAXIMUM ANNUAL AMOUNT OF GROUND WATER TO BE DIVERTED SHALL NOT EXCEED 1/3 ACRE-FOOT (108,600 GALLONS).
- 6) APPROVED AS THE ONLY WELL ON A TRACT OF LAND OF 15.47 ACRES DESCRIBED AS A PORTION OF THE NW 1/4 OF THE SE 1/4 AND THE SW 1/4 OF THE NE 1/4 OF SECTION 7, 17S, R71W, OF THE 6TH P.M., JEFFERSON COUNTY, BEING MORE PARTICULARLY DESCRIBED ON THE ATTACHED EXHIBIT "A".
- 7) THE RETURN FLOW FROM THE USE OF THIS WELL MUST BE THRU AN INDIVIDUAL WASTE WATER DISPOSAL SYSTEM OF THE NON-EVAPORATIVE TYPE WHERE THE WATER IS RETURNED TO THE SAME STREAM SYSTEM IN WHICH THE WELL IS LOCATED.
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GRG 3/29/88

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 15
Average annual amount of ground water to be appropriated (acre-feet): 1/3
Number of acres to be irrigated: 0
Proposed total depth (feet): 300
Aquifer ground water is to be obtained from:
FRACTURED GRANITE
Owner's well designation WELL #1

GROUND WATER TO BE USED FOR:

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- () LIVESTOCK (2) () IRRIGATION (6)
- () COMMERCIAL (4) () MUNICIPAL (8)

(X) OTHER (9) COMMERCIAL EXEMPT

DETAIL THE USE ON BACK IN (11)

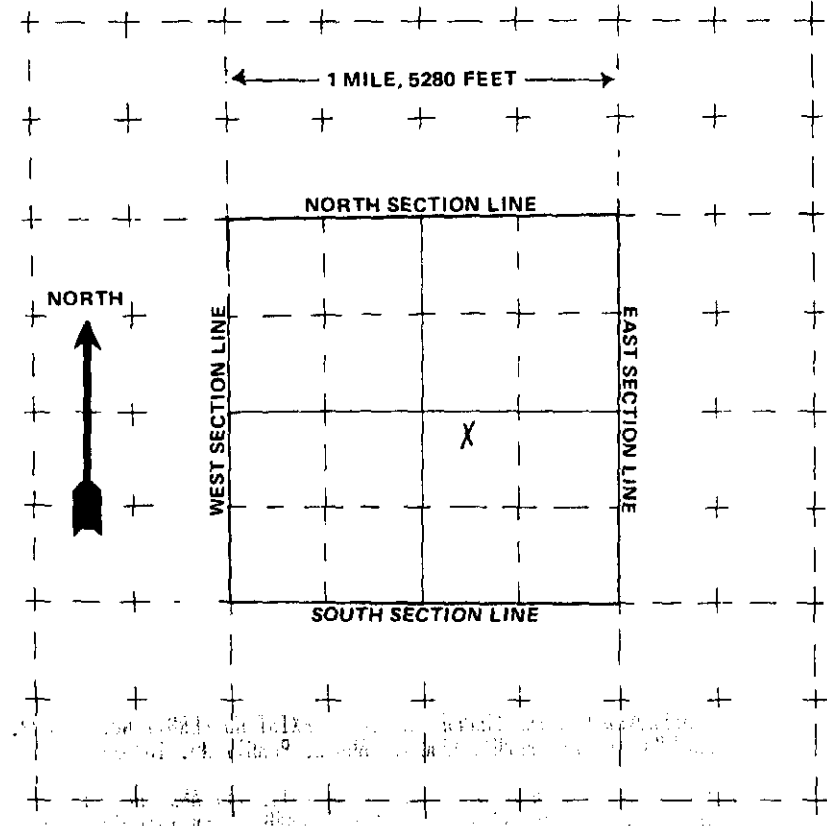
APPLICATION APPROVED

PERMIT NUMBER 150794
DATE ISSUED MAR 29 1988
EXPIRATION DATE MAR 29 1990
BY John A. Danielson
(STATE ENGINEER)
I.D. 1-80 COUNTY 30

(4) DRILLER

Name LICENSED
Street _____
City _____ (State) (Zip)
Telephone No. _____ Lic. No. _____

(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.

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

2600 ft. from SOUTH sec. line
(north or south)

1600 ft. from EAST sec. line
(east or west)

LOT 1 BLOCK - FILING # -

SUBDIVISION RECORDED - BOOK 2957 pg. 36

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: DAVID + DONNA KILLEN

No. of acres 15.47. 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 in. from 10 ft. to 200 ft.

Perforated casing
4 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:

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.

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

Owner(s): DAVID + DONNA KILLEN No. of acres: 15.47

Legal description: SEE ATTACHED

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

We desire to build a clergy retreat house, to be used approximately once/month (maximum of 1 wk. at a time) for 8-12 people. There will be one full time caretaker. Water use will be household only, with appropriately designed septic system + teach 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.**

Donna R. Killen
SIGNATURE OF APPLICANT(S)

RECEIVED

COLORADO
DIVISION OF WATER RESOURCES
DENVER, COLORADO

COLORADO DIVISION OF WATER RESOURCES
Denver, CO.

Dear Gentlemen:

This is to certify that there is no other water supply source or system available to serve this property. It will be the only well on the site.

The property is to be used for a clergy retreat house, accommodating eight to twelve persons for approximately one week per month. There will be a full time caretaker living within the facility year-round. Water will be used for sanitary facilities, laundry, and cooking during these periods.

Sincerely,



Donna R. Killen

March 16, 1988

In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

NOTE: No guarantee as to the accuracy of the information contained on the attached plat is either stated or implied unless this copy bears an original signature of the registered land surveyor hereon named.

RECEIVED

Best Copy Available

WATER RIGHTS
SURVEY ENGINEER
COLO.

LEGAL DESCRIPTIONS

TOTAL PARCEL

All of the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 7, Township 7 South, Range 71 West of the 6th P.M. and that part of the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of said Section 7, described as follows:

From the True Point of Beginning at the Southeast corner of the W $\frac{1}{2}$ of the NE $\frac{1}{4}$ of said Section 7; thence N.0°20'W., along the east line of said W $\frac{1}{2}$, a distance of 631.25 feet; thence S.86°10'W., 774 feet, more or less; thence S.12°E., 636 feet, more or less, to a point lying on the southerly line of said NE $\frac{1}{4}$; thence N.86°10'E., 660 feet, more or less, to the True Point of Beginning

TOGETHER WITH a 50 foot wide non-exclusive easement for ingress and egress, the centerline of which is as follows:

BEGINNING at the center of Section 7, Township 7 South, Range 71 West of the 6th P.M.; thence S.0°20'E., a distance of 686.07 feet; thence N.86°41'E., 702.10 feet to the True Point of Beginning; thence along said centerline the following courses and distances:

N.10°20'W., 350 feet;

thence N.10°20'E., 350 feet;

thence N.12°W., 636 feet;

thence N.11°30'W., 636 feet;

thence N.11°W., 318 feet;

thence N.10°30'W., 318 feet;

thence N.27°30'E., 770 feet;

thence N.7°10'E., 1255 feet;

thence S.86°10'W., 675 feet;

thence N.0°20'W., 574 feet, more or less, to the terminus of said centerline on the Southerly right of way line of U.S. Highway #285, County of Jefferson, State of Colorado.

* TRACT I

A tract of land in the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ and the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 7, Township 7 South, Range 71 West of the 6th P.M., Jefferson County, Colorado, said tract being more particularly described as follows:

BEGINNING at the SE corner of the W $\frac{1}{2}$ of the NE $\frac{1}{4}$ of said Section 7; thence N.01°45'50"W., along the east line of said W $\frac{1}{2}$, a distance of 625.65 feet; thence S.05°54'32"W., a distance of 774.00 feet; thence S.12°09'27"E., a distance of 631.38 feet to a point on the south line of said W $\frac{1}{2}$ of the NE $\frac{1}{4}$; thence N.85°54'32"E., along said south line a distance of 35.77 feet to a point on the centerline of a 50 foot wide access easement described in Book 2957 at Page 363 Jefferson County records; thence along said centerline S.12°00'00"E., a distance of 7.30 feet; thence S.10°20'00"W., a distance of 350.00 feet; thence leaving said centerline N.85°54'32"E., a distance of 683.55 feet to a point on the east line of the W $\frac{1}{2}$ of the SE $\frac{1}{4}$; thence along said east line a distance of 347.24 feet to the Point of Beginning, containing 15.47 acres more or less

TOGETHER WITH the right to use with others that access easement described in Book 2957 at Page 363, Jefferson County records.

ROY ROMER
Governor



JERIS A. DANIELSON
State Engineer

OFFICE OF THE STATE ENGINEER
DIVISION OF WATER RESOURCES

1313 Sherman Street-Room 818
Denver, Colorado 80203
(303) 866-3581

December 5, 1988

David and Donna Killen
P.O. Box 1183
Conifer, CO 80433

Re: Well Permit No. 150794

Dear Mr. and Ms. Killen:

Recently it was brought to my attention that your well permit was inadvertently issued under an incorrect statute. Condition of approval number (3) should reference C.R.S. 37-92-602(1)(c) instead of C.R.S. 37-92-602(1)(e). The original permit has been corrected. Please correct your copies accordingly.

I regret any inconvenience this may have caused you. Please feel free to contact this office if you have any questions.

Sincerely,

Steve Lautenschlager
Water Resources Engineer
Ground Water Section

SPL/MWP/jg

cc: Division 1

8827I/8937I