

W&PIS

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 318
Denver, Colorado 80203

RECEIVED
JUL 20 '88
WATER RESOURCES
ENGINEERING
DIVISION

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 144055

WELL OWNER Joseph & Margaret Knight
11443 W. Ida Ave.
ADDRESS Littleton, Colorado 80127
DATE COMPLETED 6/15, 19 88

SW 1/4 of the NW 1/4 of Sec. 2
T. 21 S. R. 71 W. 6th P.M.
McKinley Mt. Ranch Estates T#40

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	3	overburden	
3	17	decomposed granite	
17	45	precambrian granite w/iron	
45	48	precambrian granite w/gray granite	
48	61	precambrian granite	
61	66	broken precambrian granite 30 GPM	XXX
66	84	precambrian granite	
		TOTAL DEPTH <u>84'</u>	

HOLE DIAMETER
8 in. from 0 to 19 ft.
6 in. from 19 to 84 ft.

_____ in. from _____ to _____ ft.
DRILLING METHOD Air Percussion

CASING RECORD: Plain Casing
Size 6 5/8 & kind Steel from +1 to 19 ft.
Size 4" & kind PVC from 14 to 64 ft.
Size _____ & kind _____ from _____ to _____ ft.

Perforated Casing
Size 4" & kind PVC-S from 64 to 84 ft.
Size _____ & kind _____ from _____ to _____ ft.
Size _____ & kind _____ from _____ to _____ ft.

GROUTING RECORD
Material Cement
Intervals 0 to 19
Placement Method poured

GRAVEL PACK: Size _____
Interval _____

TEST DATA
Date Tested 6/15, 19 88
Static Water Level Prior to Test 52' ft.
Type of Test Pump 1 hour air/ 1 hour submersible
Length of Test 1 hour / 1 hour
Sustained Yield (Metered) 30 G.P.M.
Final Pumping Water Level 64'

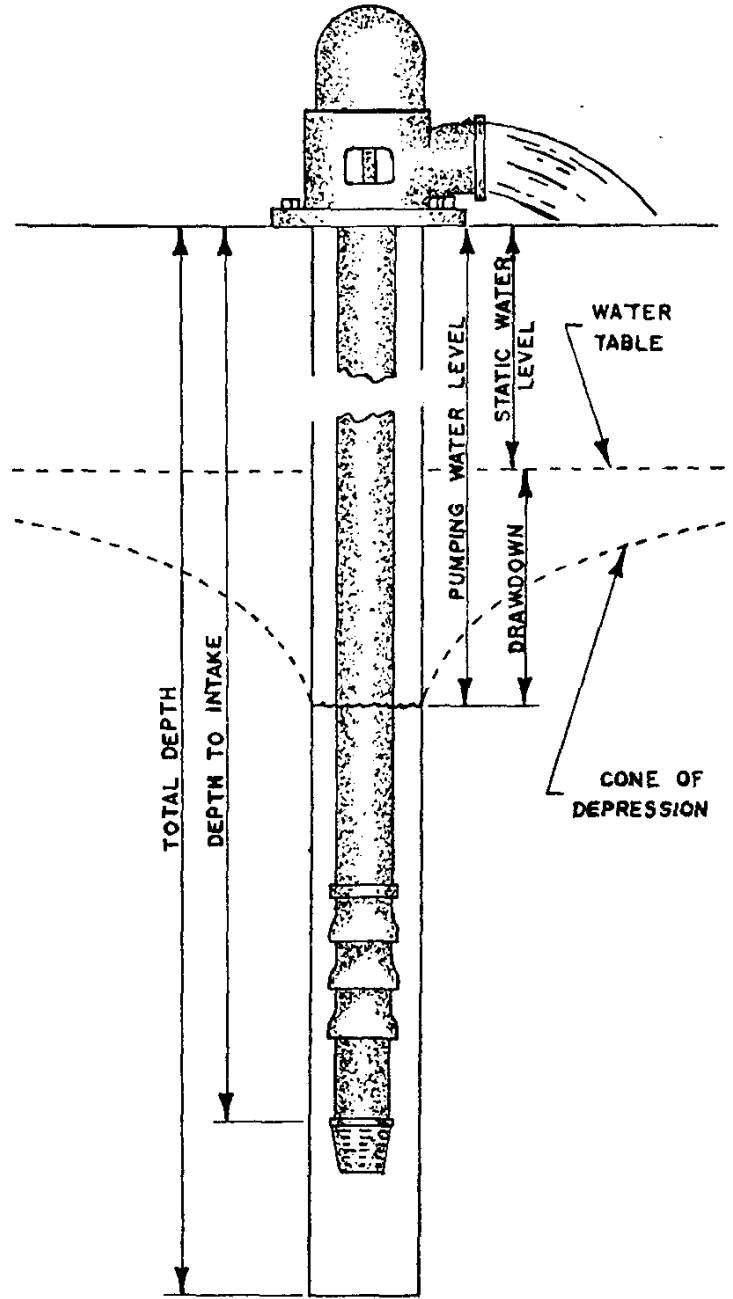
Use additional pages necessary to complete log.

PUMP INSTALLATION REPORT

Pump Make Monitor
 Type hand pump
 Powered by muscle HP
 Pump Serial No. 11HD
 Motor Serial No. _____
 Date Installed 6/15/88
 Pump Intake Depth 70'
 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 [Handwritten Signature] License No. 1043

State of Colorado, County of Custer SS

Subscribed and sworn to before me this 17 day of July, 1988

My Commission expires: 6/6, 19 91

Notary Public [Handwritten Signature]

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

RECEIVED

MAY 15 1986

WATER RESOURCES
STATE - ENGINEER
COLORADO

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 _____
WATER COURT CASE NO. _____

(1) APPLICANT - mailing address

NAME Joseph & Margaret Knight
STREET 11443 W. Ida Ave.
CITY Littleton, Colorado 80127
(State) (Zip)
TELEPHONE NO. 979-81 6

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 64842
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 Custer
SW 1/4 of the NW 1/4, Section 2
Twp. 21 S, Rng. 71 W, 6th P.M.
(N,S) (E,W)

1) APPROVED PURSUANT TO CRS 37-92-602
(3)(b)(II) AS THE ONLY WELL ON A TRACT OF LAND OF 35.34 ACRES DESCRIBED AS TRACT 40 MCKINLEY MOUNTAIN RANCH, ESTATES SUBDIVISION, CUSTER COUNTY

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 15
Average annual amount of ground water to be appropriated (acre-feet): 2
Number of acres to be irrigated: 1
Proposed total depth (feet): 150
Aquifer ground water is to be obtained from: N/A

2) THE USE OF GROUNDWATER FROM THIS WELL IS LIMITED TO FIRE PROTECTION, ORDINARY HOUSEHOLD PURPOSES INSIDE A SINGLE FAMILY DWELLING, THE IRRIGATION OF NOT MORE THAN ONE ACRE OF HOME GARDENS AND LAWNS, AND THE WATERING OF DOMESTIC ANIMALS.

3) THE RETURN FLOW FROM THE USE OF THE 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. GRG 5-27-86
WELL PERMIT EXTENDED ONE YEAR TO MAY 28, 1989.

Owner's well designation _____

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 144055

DATE ISSUED MAY 28 1986

EXPIRATION DATE MAY 28 1988

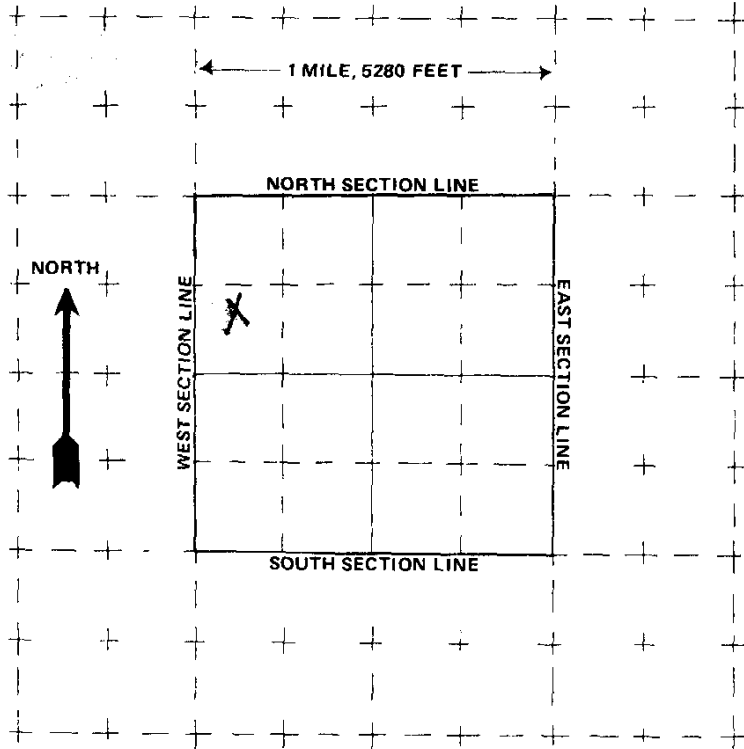
(4) DRILLER

Name Nequette Drilling
Street P.O. Box 186
City Westcliffe, Colorado 81252
(State) (Zip)
Telephone No. 783-2652 Lic. No. 1043

Robert G. Lenz
(STATE ENGINEER)
BY Steve Lautenschlager
2-12 COUNTY 14

GRG
5/27/86

(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.

1700 ft. from North sec. line
(north or south)

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

TRACT
LOT 40 BLOCK _____ FILING # _____
SUBDIVISION McKinley Mt. Ranch Estates

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: Joseph Knight

No. of acres 35.34 . Will this be the only well on this tract? yes

(8) PROPOSED CASING PROGRAM

Plain Casing

6 5/8 in. from +1 ft. to 19 ft.

4 in. from 14 ft. to 120 ft.

Perforated casing

4 in. from 120 ft. to 150 ft.

_____ in. from _____ ft. to _____ ft.

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

N/A

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

Owner(s): Joseph A. & Margaret H. Knight No. of acres: 35.34

Legal description: SW 1/4, NW 1/4, Sec. 2, Twp. 21S, Rng. 71W, 6thPM

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

Household use, lawn, garden and livestock.

Septic system with leachfield.

(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

N/A

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

Joseph A. Knight Margaret H. Knight
SIGNATURE OF APPLICANT(S)

RECEIVED

MAY 20 1988

**WATER RESOURCES
STATE OF COLORADO
DENVER**

11443 W. Ida Avenue
Littleton, CO 80127-1912
May 17, 1988

Mr. Glenn Graham
Colorado Division of Water Resources
818 Centennial Building
1313 Sherman Street
Denver, CO 80203

Re: Extension of Permit #144055

Dear Mr. Graham:

Attached is a photocopy of our permit (referenced above). We seek an extension of this permit in order to drill a well on our property as described in the permit. We are in the process of contracting with Nequette Drilling of Westcliffe and the driller has set an approximate date of no later than June 15, 1988 for drilling and completion of our well. Due to driller scheduling, we will be unable to complete the well by the current expiration date of the permit (5/28/88); however, it is our intention to have Nequette Drilling drill and complete a well on our property as soon as is possible.

Thank you very much for your assistance. Please note that there was a typographical error made on our telephone number on the permit. The correct telephone number at our home is 979-8156. Please call us if you have any questions.

Sincerely,

Margaret H. Knight

Margaret H. Knight
(for Joseph A. & Margaret H. Knight)

Attachment

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

May 23, 1988

Ms. Margaret H. Knight
11443 W. Ida Avenue
Littleton, CO 80127-1912

RE: Well Permit No. 144055

Dear Ms. Knight:

Your request for an extension of time to construct the referenced well has been received and reviewed.

You are hereby given notice that an extension of one year has been approved by the State Engineer. A copy of the amended well permit is enclosed.

Once the well is constructed and the permanent pump is installed, well completion and pump installation reports including well and permanent pump test data must be submitted to this office by your well construction and pump installation contractors.

Sincerely,

Glenn Graham
Engineering Technician
Ground Water Section

GG/MW:ald
Enclosure

1540I/Form #0580(L)