

RECEIVED

SEP 09 '94

WATER RESOURCES
STATE ENGINEER
COLO.

1.	WELL PERMIT NUMBER	179071	PARCEL TO THE WEST
2.	OWNER NAME(S) MAILING ADDRESS CITY, STATE, ZIP PHONE	[REDACTED] [REDACTED] [REDACTED] [REDACTED]	

3. **WELL LOCATION AS DRILLED:** NW 1/4 SE 1/4, Sec. 15 Twp. 11 N, Range 72 W 6th DISTANCES FROM SEC. LINES:
1800 ft. from South Sec. line. and 1900 ft. from East Sec. line. OR
(north or south) (east or west)
SUBDIVISION: _____ LOT _____ BLOCK _____ FILING(UNIT) _____ <FILING>
STREET ADDRESS AT WELL LOCATION: _____

4. GROUND SURFACE ELEVATION _____ ft. DRILLING METHOD Air Percussion.
DATE COMPLETED 7-14-94. TOTAL DEPTH 150 ft. DEPTH COMPLETED 150 ft.

5. GEOLOGIC LOG:		
Depth	Description Of Material (Type, Size, Color, Water Location)	
0-45	Decomposed Granite	30
45-150	Red Granite & Quartz	65
		120

6. HOLE DIAM. (in.)	From (Ft.)	To (Ft.)
10"	0	20
6 1/8	20	150

7. PLAIN CASING				
OD (IN)	Kind	Wall Size	From(Ft)	To(Ft)
6 5/8	Steel	.188	+1	20
4"	P.V.C.	.237	10	50
PERF. CASING: Screen Slot Size: .028				
4"	P.V.C.	.237	50	150

8. FILTER PACK: _____
 Material _____
 Size _____
 Interval _____

9. PACKER PLACEMENT: _____
 Type _____
 Depth _____

Material	Amount	Density	Interval	Placement
Cement	30 GAL	15 LBS	0-20	Hand

REMARKS

11	DISINFECTION: Type	HTH	Amt. Used	5 GALS.
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12 WELL TEST DATA: ☐ Check Box If Test Data Is Submitted On Supplemental Form.
TESTING METHOD Blow
Static Level 30 Ft. Date/Time Measured 7-14-94, Production Rate 10 Gpm.
Pumping Level 150 Ft. Date/Time Measured 7-14-94, Test Length (Hrs.) 1
Remarks _____

13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to section 24-4-104 (13) (a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.)

CONTRACTOR Hersh & Son Well Drilling Phone (303) 667-4096 Lic. No. 889
Mailing Address 9181 W. C. R. 38 E Loveland, Co. 80538

Name/Title (Please Type Or Print)
Larry Hersh Lic. Holder

Signature

^e Larry Hunt

Date _____

8-16-94

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203
(303) 866-3581

LIC

APPLICANT

WELL PERMIT NUMBER 173071
DIV. 1 CNTY. 35 WD 3 DES. BASIN MD

Lot: Block: Filing: Subdiv:

APPROVED WELL LOCATION
LARIMER COUNTY

NW 1/4 SE 1/4 Section 15
Twp 11 N RANGE 72 W 6th P.M.

DISTANCES FROM SECTION LINES

1800 Ft. from South Section Line
1900 Ft. from East Section Line

PERMIT TO CONSTRUCT A WELL

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT
CONDITIONS OF APPROVAL

- 1) 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) The construction of this well shall be in compliance with the Water Well Construction and Pump Installation Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 17.
- 3) Approved pursuant to CRS 37-92-602(3)(b)(II)(A) as the only well on a tract of land of 40 acres described as the NW 1/4 of the SE 1/4 of Sec. 15, Twp. 11 N, Rng. 72 W of the 6th P.M., Larimer County.
- 4) The use of ground water from this well is limited to ordinary household purposes inside 3 single family dwellings, fire protection, the watering of poultry, domestic animals, and livestock on farms and ranches, and the irrigation of not over one (1) acre of home gardens and lawns.
- 5) The maximum pumping rate shall not exceed 15 GPM.
- 6) The return flow from the use of the well must be through 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.
- 7) This well shall be constructed not more than 200 feet from the location specified on this permit.

KSM 6/15/94

APPROVED
DWR

Hal D. Simpson
State Engineer

M. A. Malley
By

Receipt No. 0369898

DATE ISSUED JUN 17 1994

EXPIRATION DATE JUN 17 1996

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

RECEIVED**MAY 19 94**

**WATER RESOURCES
STATE ENGINEER
C.O.D.**

60.00

CHEQUE

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. _____

179071

(1) APPLICANT - mailing address

NAME _____
STREET _____
CITY _____ (State) _____ (Zip) _____
TELEPHONE NO. _____

(2) LOCATION OF PROPOSED WELL

County Larimer
____ NW ____ of the ____ SE ____ Section 15
Twp. 11 N, Rng. 72 W, ____ 6th ____ P.M.
(N.S) (E.W)

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 15 GPM
Average annual amount of ground water to be appropriated (acre-feet): 4 AF
Number of acres to be irrigated: one
Proposed total depth (feet): 200
Aquifer ground water is to be obtained from: Mill Creek
Owner's well designation _____

GROUND WATER TO BE USED FOR:

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

DETAIL THE USE ON BACK IN (11)

(4) DRILLER

Name Licensed Well Driller
Street _____
City _____ (State) _____ (Zip) _____
Telephone No. _____ Lic. No. _____

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 369898

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.

F-
40.0**APPLICATION APPROVED**

PERMIT NUMBER _____

DATE ISSUED _____

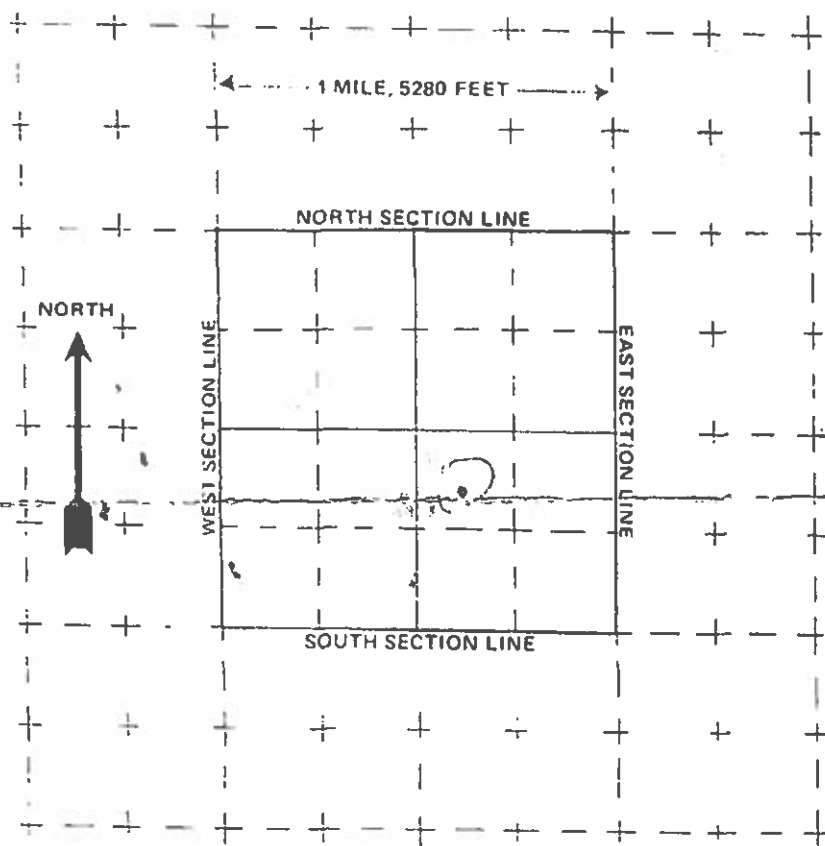
EXPIRATION DATE _____

(STATE ENGINEER)

BY _____

05-19-94CL-69898

(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.

1800 ft. from South sec. line
(north or south)

1900 ft. from East sec. line
(east or west)

LOT N/A BLOCK FILING #

SUBDIVISION N/A

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: Jeff Crowley

No. of acres 40 Will this be the only well on this tract? Yes

(8) PROPOSED CASING PROGRAM

Plain-Casing

6 in. from +1.5 ft. to 20 ft.

5 in. from 20 ft. to 80 ft.
Perforated casing

5 in. from 80 ft. to 200 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): No. of acres: 40

Legal description: The NW 1/4 of the SE 1/4 of section 15, Township 11 North, Range 72 West of 6th P.

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

The well is for a three bedroom home, ten head of livestock, and to irrigate one acre. The waste water will be disposed of by septic tank and leach 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

none

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

Jeff Crowley
SIGNATURE OF APPLICANT(S)

FORM NO.
GWS - 31
11/90

WELL CONSTRUCTION AND TEST REPORT
STATE OF COLORADO, OFFICE OF THE STATE ENGINEER

For Office Use only

RECEIVED

AUG 12 2003

WATER RESOURCES
STATE ENGINEER
COLO.

0505031

1. WELL PERMIT NUMBER 247589

2. OWNER NAME(S) [REDACTED]
Mailing Address 2 [REDACTED]
City, St. Zip [REDACTED]
Phone ([REDACTED])

PARCEL TO
THE NORTH

3. WELL LOCATION AS DRILLED: SE 1/4 NE 1/4, Sec. 15 Twp. 11N Range 72W

DISTANCES FROM SEC. LINES:
2206 ft from NORTH Sec. line. and 1239 ft. from EAST Sec. line. OR

SUBDIVISION: LOT BLOCK FILING(UNIT)

STREET ADDRESS AT WELL LOCATION:

4. GROUND SURFACE ELEVATION ft. DRILLING METHOD AIR ROTARY

DATE COMPLETED 7-23-03 TOTAL DEPTH 300 ft. DEPTH COMPLETED 300 ft.

5. GEOLOGIC LOG:

DEPTH	DESCRIPTION OF MATERIAL (TYPE, SIZE, COLOR, WATER LOCATION)
0-2	TOP SOIL
2-300	RED BLACK GRANITE 30GPM @130 FT

6. HOLE DIAM. (in.)	From (ft)	TO (ft)
10"	0	40
6 1/2"	40	300

7. PLAIN CASING

OD	Kind	Wall Size	From(ft)	To(ft)
7"	STEEL	.188	1	40
4"	PVC	.237	20	180

PERF. CASING: Screen Slot Size: 0.028

4"	PVC	.237	180	300
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8. FILTER PACK:

Material
Size
Interval

9. PACKER PLACEMENT:

Type
Depth

10. GROUTING RECORD:

Material	Amount	Density	Interval	Placement
CEMENT	6 BAGS	15LBS	0-50	PUMPED

REMARKS:

11. DISINFECTION: Type HTH Amt- Used 10 GAL

12. WELL TEST DATA: ☐ Check box if Test Data is submitted on Supplemental Form.

TESTING METHOD BLOWTEST

Static Level 43 ft. Date/Time measured 7-23-03 Production Rate 30 gpm.

Pumping level 300 ft. Date/Time measured 7-23-03 Test length (hrs.) 1

Remarks

13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to section 24-4-104 (13)(a) CRS THE MAKING OF FALSE STATEMENTS HEREIN CONSTITUTES PERJURY IN THE SECOND DEGREE AND IS PUNISHABLE AS A CLASS 1 MISDEMEANOR]

CONTRACTOR: HERSH & SON WELL DRILLING INC

Mailing Address: 9205 W CTY RD 38E LOVELAND CO 80538

Phone (970)667-4096

LIC. NO. 889

Name/Title (Please type or print)

LARRY HERSH (PRESIDENT)

Signature

Larry Hersh

Date

7/23/03