

FORM NO. GWS-31 11/90

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

For Office Use only

RECEIVED SEP 16 1997

WATER RESOURCES STATE ENGINEER COLO

1. WELL PERMIT NUMBER 191427
2. OWNER NAME(S) Ron & Kathy Savidge
Mailing Address 1431 Keaton
City, St. Zip Colorado Springs, CO 80909
Phone (719) 596 1341

3. WELL LOCATION AS DRILLED: NW 1/4 NE 1/4, Sec. 31 Twp. 21 S, Range 71 W
DISTANCES FROM SEC. LINES: 400 ft. from North Sec. line and 2500 ft. from East Sec. line. OR
SUBDIVISION: SilverCliff Hts LOT 33A BLOCK FILING(UNIT) 7
STREET ADDRESS AT WELL LOCATION:

4. GROUND SURFACE ELEVATION ft. DRILLING METHOD air percussion
DATE COMPLETED 8-8-97 TOTAL DEPTH 300 ft. DEPTH COMPLETED 300 ft.

5. GEOLOGIC LOG: Table with columns Depth and Description of Material (Type, Size, Color, Water Location). Entries include 0-19 pink & quartz granite mix, 19-200 white color granite, 200-230 gray granite, 230-300 pink and white granite mix, water location 110 230.

6. HOLE DIAM. (in.) Table with columns From (ft) and To (ft). Entries: 8 5/8 (0-19), 6 (19-300).

7. PLAIN CASING Table with columns OD (in), Kind, Wall Size, From (ft), To (ft). Entries: 6 5/8 steel (.188, +1-19), 4 pvc (.200, 6-240). Includes PERF. CASING: 4 pvc (.200, 240-300).

8. FILTER PACK: Material, Size, Interval

9. PACKER PLACEMENT: Type, Depth

10. GROUTING RECORD: Table with columns Material, Amount, Density, Interval, Placement. Entry: cement 3 6-1 0-19 poured

REMARKS:

11. DISINFECTION: Type powdered chlorine Amt. Used 4.5 cups

12. WELL TEST DATA: Check box if Test Data is submitted on Supplemental Form. TESTING METHOD air
Static Level 100 ft. Date/Time measured 8-8-97 Production Rate 4 gpm.
Pumping level na ft. Date/Time measured Test length (hrs.) 2

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 Alpine Drilling Service Phone (719) 275-7084 Lic. No. 1210
Mailing Address PO Box 86 CanonCity, CO 81215

Name/Title (Please type or print) SV Stockton owner Signature Date 8-8-97

INSTRUCTIONS FOR WELL CONSTRUCTION AND TEST REPORT

The report must be typed or printed in **BLACK INK**. All changes on the form must be initialed and dated. Attach additional sheets if more space is required. Each additional sheet must be identified at the top by the well owner's name, the permit number, form name/number and a sequential page number. Report depths in feet below ground surface.

This form may be reproduced by photocopy methods, or by computer generation with prior approval by the State Engineer.

The original and one copy of this form must be submitted to the State Engineer's Office within 60 days after completing the well or 7 days after the permit expiration date, whichever is earlier. Another copy of the form must be provided to the well owner.

1. Complete the **Well Permit Number** in full.
2. Fill in **Name and Mailing Address of Well Owner** where correspondence should be sent.
3. Complete the blocks for the **actual location of the well** where drilled. If the owner has more than one well serving this property, provide the **identification (Owner's Designation)** for this well. **DO NOT USE THE OWNER SUPPLIED LOCATION** unless a survey has been provided. For wells located in subdivisions the lot, block and subdivision information must also be provided.
4. Report the ground surface elevation in feet above sea level if available. This value may be obtained from a topographic map. Describe the drilling method used to construct the well and the date completed. Indicate the total depth drilled and the actual completed depth of the well.
5. Fully describe the materials encountered in drilling. Do not use formation names unless they are in conjunction with a description of materials.
Examples of descriptive terms include:
 - Grain size--Boulders, gravel, sand, silt, clay.
 - Hardness--Loose, soft, tight, hard, very hard.
 - Color--All materials. Most critical in sedimentary rock.
 - Depth when water is encountered (if it can be determined).
6. Provide the diameters of the drilled bore hole.
7. The outside diameter, kind, wall thickness and interval of casing lengths must be indicated.
8. Indicate the type and size of filter (gravel) pack and the interval where placed.
9. Indicate the type and setting depth for any packers installed.
10. The density of the grout slurry must be reported and may be indicated as pounds per gallon, gallons of water per sack, total gallons of water and number of sacks used, etc. Specify the grout placement method, i.e. tremie pipe or positive displacement. The percentage of additives mixed with the grout should be reported under remarks.
11. Record the type and the amount of disinfection used, how placed and the length of time left in the hole.
12. Report well test data as required by Rule 10.7. Spaces are provided to report all measurements made during the test. The report should show that the test complied with the provisions of the rules. If a test was not performed explain when it will be done. If available, report clock time when measurements were taken.
13. Fill in **Company Name and Address of Contractor** who constructed the well. The report must be signed by the licensed contractor responsible for the construction of the well.

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

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

1210

APPLICANT

WELL PERMIT NUMBER	191427
DIV. 2	CNTY. 14 WD 13 DES. BASIN MD

Lot: 33A Block: Filling: 7 Subdiv: SILVER CLIFF HEIGHTS

RON & KATHY SAVIDGE
1431 KEATON
COLORADO SPRINGS CO 80909-

(719)596-1341

APPROVED WELL LOCATION
CUSTER COUNTY

NW 1/4 NE 1/4 Section 31
Twp 21 S RANGE 71 W 6th P.M.

DISTANCES FROM SECTION LINES

400 Ft. from North Section Line
2500 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 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 18.
- 3) Approved pursuant to CRS 37-92-602(3)(b)(II)(A) as the only well on a residential site of 7.56 acres described as lot 33A, filling 7, Silver Cliff Heights Subdivision, Custer County.
- 4) The use of ground water from this well is limited to ordinary household purposes inside a single family dwelling. The ground water shall not be used for irrigation or other purposes.
- 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.

APPROVED
HCF

Hal D. Simpson

State Engineer

[Signature]

[Title]

Receipt No. 0392377

DATE ISSUED **NOV 21 1995**

EXPIRATION DATE **NOV 21 1997**

11
COLORADO DIVISION OF WATER RESOURCES
818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203

78K 6

RECEIVED

OCT 22 1995

WATER RESOURCES
STATE ENGINEER
CIVIL

PERMIT APPLICATION FORM

Application must be complete where applicable. Type or print in **BLACK INK**. No overstrikes or erasures unless initialed.

- () 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. _____

191427

(1) APPLICANT - mailing address

NAME Ron + Kathy Savidge
 STREET 1431 Keaton
 CITY Co. Springs Co 80909
(State) (Zip)
 TELEPHONE NO. 719-596-1341

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 392377 / 2
 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. **SUB OK PLOTTED**

(2) LOCATION OF PROPOSED WELL

County CUSTER
 NW 1/4 of the NE 1/4, Section 31
 Twp. 21 S, Rng. 71 W, _____ P.M.
(N.S) (E.W)

(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: 0
 Proposed total depth (feet): 200
 Aquifer ground water is to be obtained from:
granite
 Owner's well designation _____

GROUND WATER TO BE USED FOR:

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

DETAIL THE USE ON BACK IN (11)

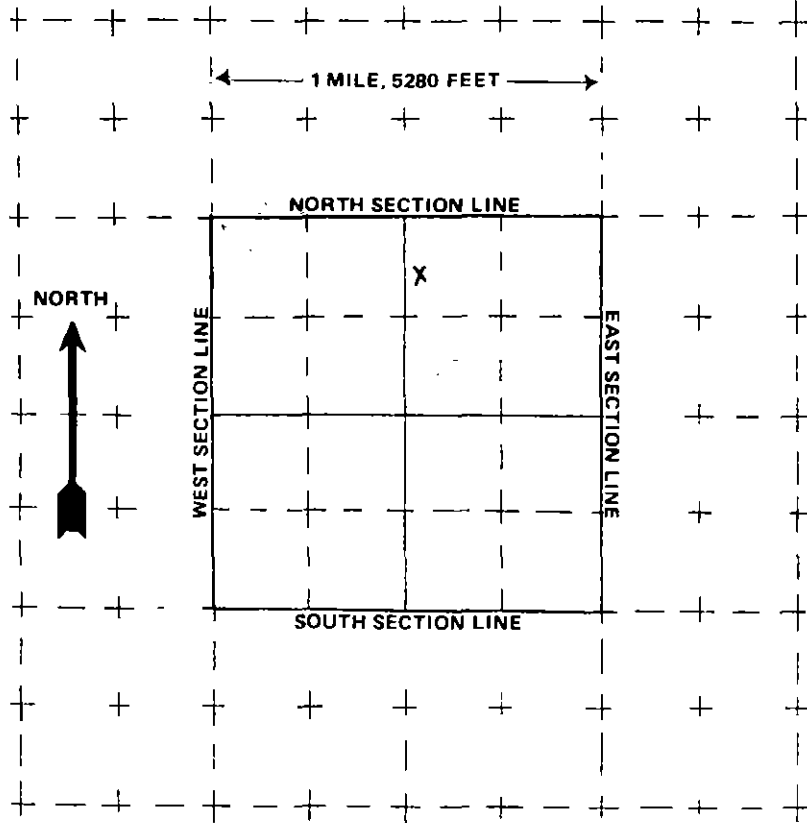
APPLICATION APPROVED

PERMIT NUMBER _____
 DATE ISSUED _____
 EXPIRATION DATE _____
 _____ (STATE ENGINEER)
 BY _____
 I.D. 2 COUNTY 14-13

(4) DRILLER

Name Alpine Drilling Service
 Street POB 86
 City Canon City Co 81215
(State) (Zip)
 Telephone No. 719 275-7084 Lic. No. 1210

(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 North sec. line
(north or south)
2,500 ft. from East sec. line
(east or west)

LOT 33A BLOCK _____ FILING # 7
SUBDIVISION Silver Cliff Heights

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: Ron Savidge

No. of acres 7.56 Will this be the only well on this tract? yes

(8) PROPOSED CASING PROGRAM

Plain Casing
6 5/8 in. from 21 ft. to 19 ft.
4 in. from 6 ft. to 140 ft.
Perforated casing
4 in. from 140 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): Ron & Kathy Savidge No. of acres: 7.56
Legal description: NW NE sec 31 T215 R71W 6pm

(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
septic tank & 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

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

Myron H. Savidge & Kathleen M. Savidge
SIGNATURE OF APPLICANT(S)