

PUMP INSTALLATION AND TEST REPORT

For Office Use only

STATE OF COLORADO, OFFICE OF THE STATE ENGINEER

RECEIVED

AUG 29 '94

WATER RESOURCES
STATE ENGINEER
COLO.1. WELL PERMIT NUMBER 1668282. OWNER NAME(S) Charles Bonati
Mailing Address 8060 Stuart Place
City, St. Zip Westminster, Co. 80030
Phone (303) 429-19523. WELL LOCATION AS DRILLED: SW 1/4 SW 1/4, Sec. 15 Twp. 2 S, Range 71 W
DISTANCES FROM SEC. LINES:450 ft. from South Sec. line. and 775 ft. from West Sec. line.
(north or south) (east or west)

SUBDIVISION: _____ LOT _____ BLOCK _____ FILING(UNIT) _____

STREET ADDRESS AT WELL LOCATION: _____

4. PUMP DATA: Type Submersible Installation Completed 7-21-94
Pump Manufacturer Grunfos Pump Model No. 5ES15412
Design GPM 5 at RPM 3640, HP 1 1/2, Volts 230, Full Load Amps _____
Pump Intake Depth 748 Feet, Drop/Column Pipe Size 1 Inches, Kind P.V.C.

ADDITIONAL INFORMATION FOR PUMPS GREATER THAT 50 GPM:

TURBINE DRIVER TYPE: ☐ Electric ☐ Engine ☐ Other _____

Design Head _____ feet, Number of Stages _____, Shaft size _____ inches.

5. OTHER EQUIPMENT:

Airline Installed ☐ Yes ☐ No, Orifice Depth ft. _____ Monitor Tube Installed ☐ Yes ☐ No, Depth ft. _____

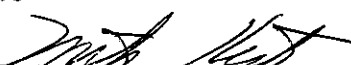
Flow Meter Mfg. _____ Meter Serial No. _____

Meter Readout ☐ Gallons, ☐ Thousand Gallons, ☐ Acre feet, ☐ Beginning Reading _____6. TEST DATA: ☒ Check box if Test data is submitted on Supplemental Form.Total Well Depth 1001 ft Date 7-21-94
Static Level 688 ft. Time P.M.
Date Measured 7-21-94 Rate (GPM) 5 gpm, pump capacity
Pumping Lvl. 748 ft7. DISINFECTION: Type H. T.H. Amt. Used 14 Oz.8. Water Quality analysis available. ☐ Yes ☒ No9. Remarks For well production, see Drilling Contractors report10. 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 James Drilling Company Phone (303) 420-5181 Lic. No. 1134
Mailing Address 6235 West 56th Avenue Arvada, Co. 80002

Name/Title (Please type or print)

Michael Keaton, Presidnet

Signature



Date

8-24-94

1. WELL PERMIT NUMBER 1668282. OWNER NAME(S) Charles Bonati
Mailing Address 8060 Stuart Place
City, St. Zip Westminster, Co. 80030
Phone (303) 429-1952

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WATER RESOURCES
STATE ENGINEER
COLO.3. WELL LOCATION AS DRILLED: SW 1/4 SW 1/4, Sec. 15 Twp. 2 S, Range 71 W

DISTANCES FROM SEC. LINES:

450 ft. from South Sec. line. and 775 ft. from West Sec. line. OR
(north or south) (east or west)

SUBDIVISION: _____ LOT _____ BLOCK _____ FILING(UNIT) _____

STREET ADDRESS AT WELL LOCATION: _____

4. GROUND SURFACE ELEVATION Unknown ft. DRILLING METHOD AirDATE COMPLETED July 10, 1994 TOTAL DEPTH 1001 ft. DEPTH COMPLETED 1001 ft.

5. GEOLOGIC LOG:

Depth	Description of Material (Type, Size, Color, Water Location).
0	96 pink & white quartz
96	126 Gray granite
126	181 Gray granite & white quartz
181	237 Pink & white quartz
237	296 Rose granite & white quartz
296	342 Gray granite & white quartz
342	401 Rose gray granite
401	467 Gray granite & white quartz
467	523 Rose & gray granite
523	597 Rose granite & white quartz
597	631 Gray granite
631	664 Rose & gray granite
664	728 Rose granite 1/2 688
728	864 Rose & gray granite
864	905 Rose granite & white with pink quartz 1/2 893
905	938 Rose granite & gray granite
938	1001 Gray granite

6. HOLE DIAM. (in.)	From (ft)	To (ft)
8	0	21
6 1/8	21	1001

7. PLAIN CASING

OD (in)	Kind	Wall Size	From(ft)	To(ft)
5/8	Steel	.188	+1	20
4.5	P.V.C.	.214	10	681
4.5	P.V.C.	.214	701	721
4.5	P.V.C.	.214	761	781
PERF. CASING: Screen Slot Size: .032				
4.5	P.V.C.	.214	681	701
4.5	P.V.C.	.214	721	741
4.5	P.V.C.	.214	781	801
4.5	P.V.C.	.214	821	841

8. FILTER PACK:

Material _____
Size _____
Interval _____

9. PACKER PLACEMENT:

Type _____
Depth _____

10. GROUTING RECORD:

Material Amount Density Interval Placement
Cement 188# 14.4# 6-21 Poured & vibratedREMARKS: See attached for rest of casing11. DISINFECTION: Type H. T.H. Amt. Used 14 Oz.12. WELL TEST DATA: ☐ Check box if Test Data is submitted on Form No. GWS 39 Supplemental Well Test.TESTING METHOD AirStatic Level est. 688 ft. Date/Time measured 7-10-94 Production Rate 1 gpm.Pumping level 1001 ft. Date/Time measured 7-10-94 Test length (hrs.) 1

Remarks _____

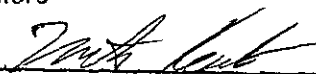
13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.]

CONTRACTOR James Drilling Company Phone (303) 420-5181 Lic. No. 1134Mailing Address 6235 West 56th Avenue Arvada, Co. 80002

Name/Title (Please type or print)

Michael Keaton, President

Signature



Date

8-24-94

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AUG 29 '94

WATER RESOURCES
STATE ENGINEER
COLO.

Casing for Permit 166828 under Charles Bonati

Plain casing:

4.5" P.V.C. .214 wall 801 ft. to 821 ft.
4.5" P.V.C. .214 wall 841 ft. to 881 ft.
4.5" P.V.C. .214 wall 901 ft. to 921 ft.
4.5" P.V.C. .214 wall 941 ft. to 961 ft.
4.5" P.V.C. .214 wall 981 ft. to 1001 ft.

Perf. casing:

4.5" P.V.C. .214 wall 881 ft. to 901 ft.
4.5" P.V.C. .214 wall 921 ft. to 841 ft.
4.5" P.V.C. .214 wall 961 ft. to 981 ft.

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

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

436

APPLICANT

WELL PERMIT NUMBER 166828
DIV. 1 CNTY. 30 WD 6 DES. BASIN MD

Lot: Block: Filing: Subdiv:

CHARLES A BONATI
8060 STUART PL
WESTMINSTER CO 80030

(303)429-1952

APPROVED WELL LOCATION
JEFFERSON COUNTY

SE 1/4 SW 1/4 Section 15
Twp 2 S RANGE 71 W 6th P.M.

DISTANCES FROM SECTION LINES

200 Ft. from South Section Line
1900 Ft. from West 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 36.140 acres described as the SE 1/4 of the SW 1/4 of Sec. 15, Twp. 2 S., Rng. 71 W. of the 6th P.M., Jefferson County.
- 4) The use of ground water from this well is limited to ordinary household purposes inside 1 single family dwelling, 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.

M.M. 10-15-92

APPROVED
MAM

Hal D. Simpson
State Engineer

M.A. Malley
By

Receipt No. 0340953B

DATE ISSUED OCT 16 1992

EXPIRATION DATE OCT 16 1994

COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203

RECEIVED

OCT 13 '92

WATER RESOURCES
STATE ENGINEER
COLO.

PERMIT APPLICATION FORM

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

() REPLACEMENT FOR NO. _____

() OTHER _____

WATER COURT CASE NO. _____

RECEIVED

JUL 06 '92

WATER RESOURCES
STATE ENGINEER
COLO.

RECEIVED

AUG 19 '92

WATER RESOURCES
STATE ENGINEER
COLO.

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

(1) APPLICANT - mailing address

NAME Charles A. Bonati
 STREET 8060 Stuart Place
 CITY Westminster, Colorado 80030
 (State) (Zip)
 TELEPHONE NO. _____

(2) LOCATION OF PROPOSED WELL

County Jefferson
SE $\frac{1}{4}$ of the SW $\frac{1}{4}$, Section 15
 Twp. 2 S, Rng. 71 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): One acre foot
 Number of acres to be irrigated: One Acre
 Proposed total depth (feet): 500 ft
 Aquifer ground water is to be obtained from:
Bedrock

Owner's well designation _____

GROUND WATER TO BE USED FOR:

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

() OTHER (9) Livestock Lawn & Household
fire protection
 DETAIL THE USE ON BACK IN (11)

(4) DRILLER

Name Boyles Bros Drilling Co.
 Street 15865 W 5th Ave
 City Golden, CO 80401
 (State) (Zip)
 Telephone No. 303-279-7918 Lic. No. 436

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 340953 B

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.

narrow section
36.140

APPLICATION APPROVED

PERMIT NUMBER _____

DATE ISSUED _____

EXPIRATION DATE _____

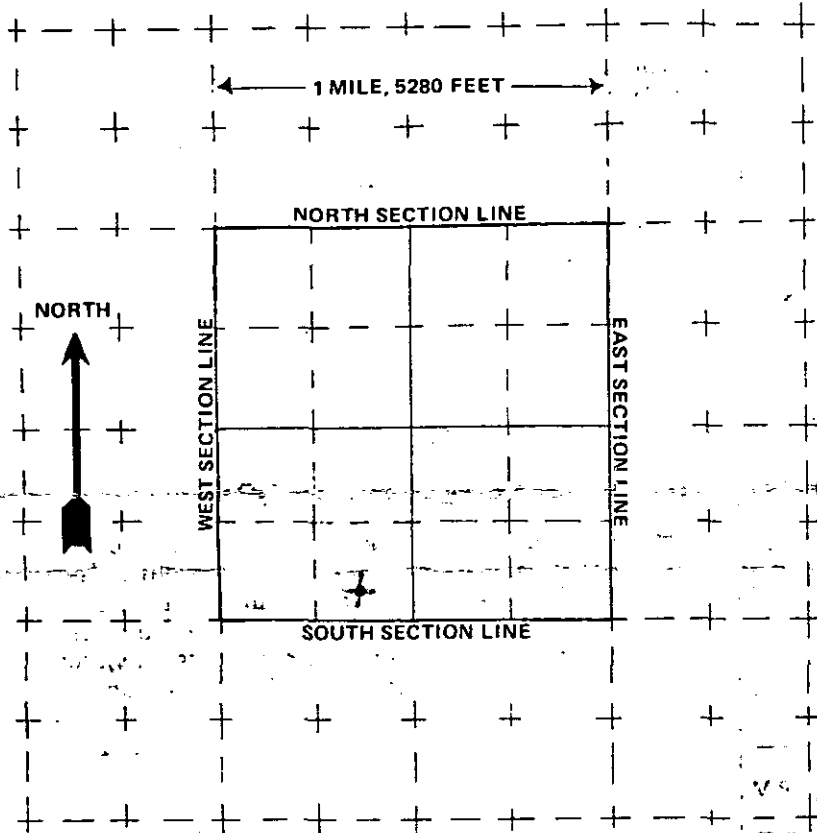
(STATE ENGINEER)

BY _____

I.D. _____

COUNTY 30 06

(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.

200 ft. from South sec. line
(north or south)
1900 ft. from West sec. line
(east or west)
LOT _____ BLOCK _____ FILING # _____
SUBDIVISION _____

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: Charles A. Bonati

No. of acres 36.140 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 500 ft.
Perforated casing
_____ in. from _____ ft. to _____ ft.
_____ in. from _____ ft. to _____ ft.

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

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

Owner(s): Charles A. Bonati No. of acres: 36.140

Legal description: SE 1/4 SW 1/4 section 15, T 2 S, R 71 W, 6th P.M., Jefferson County, Colorado

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

Fire protection, watering of livestock, lawn and household use only with approved septic and leaching fields

(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.

Charles A. Bonati
SIGNATURE OF APPLICANT(S)