

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

For Office Use only

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JUL 02 1996

WATER RESOURCES
STATE ENGINEER
COLO.

1. WELL PERMIT NUMBER 171950

2. OWNER NAME(S) Harry R. Borowski
Mailing Address 12950 Black Forest Rd.
City, St. Zip Colorado Springs, CO 80908
Phone (719) 495-4121

3. WELL LOCATION AS DRILLED: NW 1/4 SE 1/4, Sec. 7 Twp. 12 S Range 65 W 6th.
DISTANCES FROM SEC. LINES:
2380 ft. from South Sec. line. and 2260 ft. from East Sec. line. OR
(north or south) (east or west)
SUBDIVISION: LOT _____ BLOCK _____ FILING(UNIT) _____
STREET ADDRESS AT WELL LOCATION: _____

4. GROUND SURFACE ELEVATION _____ ft. DRILLING METHOD Air Rotary
DATE COMPLETED 06/11/96 TOTAL DEPTH 540 ft. DEPTH COMPLETED 540 ft.

5. GEOLOGIC LOG:

Depth	Description of Material (Type, Size, Color, Water Location)
0-100	Green sandy shale
100-240	Red & green shale with quartz stringers
240-275	Fine quartz
275-345	Blue & green sandy shale
345-375	Fine quartz
375-445	Fine quartz in sandy shale, blue
445-485	Fine quartz
485-515	Med. quartz
515-540	Blue shale
540	Bottom

6. HOLE DIAM. (in.) From (ft) To (ft)

<u>8 3/4</u>	<u>0</u>	<u>20</u>
<u>6 1/4</u>	<u>20</u>	<u>540</u>

7. PLAIN CASING

OD (in)	Kind	Wall Size	From(ft)	To(ft)
<u>6 5/8</u>	<u>Steel</u>	<u>.188</u>	<u>+1</u>	<u>20</u>
<u>4.5</u>	<u>PVC</u>	<u>.227</u>	<u>10</u>	<u>240</u>
PERF. CASING: Screen Slot Size:				
<u>4.5</u>	<u>PVC</u>	<u>.227</u>	<u>240</u>	<u>540</u>

8. FILTER PACK: Material Gravel Size 1/4" Rock Interval 20-220&240-540

9. PACKER PLACEMENT: Type _____ Depth _____

REMARKS: _____

10. GROUTING RECORD:

Material	Amount	Density	Interval	Placement
<u>Cement #94</u>	<u>X 6gal.</u>		<u>7-20</u>	<u>Poured</u>
<u>Cement #188</u>	<u>X 12gal.</u>		<u>220-240</u>	<u>Pumped</u>

11. DISINFECTION: Type HTH Amt. Used 10 oz.

12. WELL TEST DATA: Check box if Test Data is submitted on Form No. GWS 39 Supplemental Well Test.
TESTING METHOD Airlifted
Static Level 100 ft. Date/Time measured 06/11/96, Production Rate 7 gpm.
Pumping level 480 ft. Date/Time measured 06/11/96, Test length (hrs.) 4
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 Can-America Drilling, Inc. Phone (719) 541-2967 Lic. No. 1149
Mailing Address Box 416 Simla, CO 80835

Name/Title (Please type or print) <u>Wayne Arde V.P.</u>	Signature <i>Wayne Arde</i>	Date <u>06/11/96</u>
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OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

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

797

WELL PERMIT NUMBER **171950**
DIV. 2 CNTY. 21 WD 10 DES. BASIN MD

APPLICANT

Lot: Block: Filing: Subdiv:

HARRY R BOROWSKI
12950 BLACK FOREST RD
COLO SPRGS CO 80908

(719)495-4121

APPROVED WELL LOCATION
EL PASO COUNTY

NW 1/4 SE 1/4 Section 7
Twp 12 S RANGE 65 W 6th P.M.

DISTANCES FROM SECTION LINES

2380 Ft. from South Section Line
2260 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 residential site of 24 acres described as that portion of the NW1/4 of the SE1/4 of Section 7, Twp. 12S, Rng. 65W, 6th P.M., El Paso County, being more particularly described on attached exhibit "A".
- 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 total depth of the well shall not exceed 630 feet, which corresponds to the base of the Dawson aquifer.
- 6) The maximum pumping rate shall not exceed 15 GPM.
- 7) 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.
- 8) This well shall be constructed not more than 200 feet from the location specified on this permit.

Note: To insure a maximum productive life of this well, perforated casing should be set through the entire producing interval of the approved zone or aquifer indicated above. MAS 8-13-93

** Condition No. 4 is amended to allow the watering of the user's non-commercial domestic animals. GRC 8/23/93

PERMIT EXPIRATION DATE EXTENDED JUN 30, 1996
AMD 6-30-95

APPROVED
MAS

Hal D. Simpson

State Engineer

Glenn Braden

By

Receipt No. 0354680

DATE ISSUED JUN 30 1993

EXPIRATION DATE JUN 30 1995

RECEIVED

510

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JUN 14 '93

PERMIT APPLICATION FORM

AUG 10 '93

WATER RESOURCES
STATE ENGINEER
COLO.

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

WATER RESOURCES
STATE ENGINEER
COLO.

() REPLACEMENT FOR NO. _____

() OTHER _____

WATER COURT CASE NO. _____

171950

730

(1) APPLICANT - mailing address

NAME HARRY R. Borowski

STREET 12950 BIK. Forest Rd.

CITY Colo. Spgs, CO. 80908
(State) (Zip)

TELEPHONE NO. 719-495-4121

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 354680 / _____

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.

DB/M

+ Ann m. 3

The portion of the NW SE 7 125 65 W 6th P.M. being more partic. than an exhibit.

630'

T&W

(2) LOCATION OF PROPOSED WELL

County EI PASO

NW 1/4 of the SE 1/4, Section 7

Twp. 12 S, Rng. 65 W, 6th 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): 300'
- Aquifer ground water is to be obtained from:
DAWSON
- 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)
 - (X) OTHER (9) User's non-comm. domestic ANIMALS
- DETAIL THE USE ON BACK IN (11)

APPLICATION APPROVED

PERMIT NUMBER _____

DATE ISSUED _____

EXPIRATION DATE _____

(STATE ENGINEER)

BY _____

I.D. 2 COUNTY 21-10

(4) DRILLER

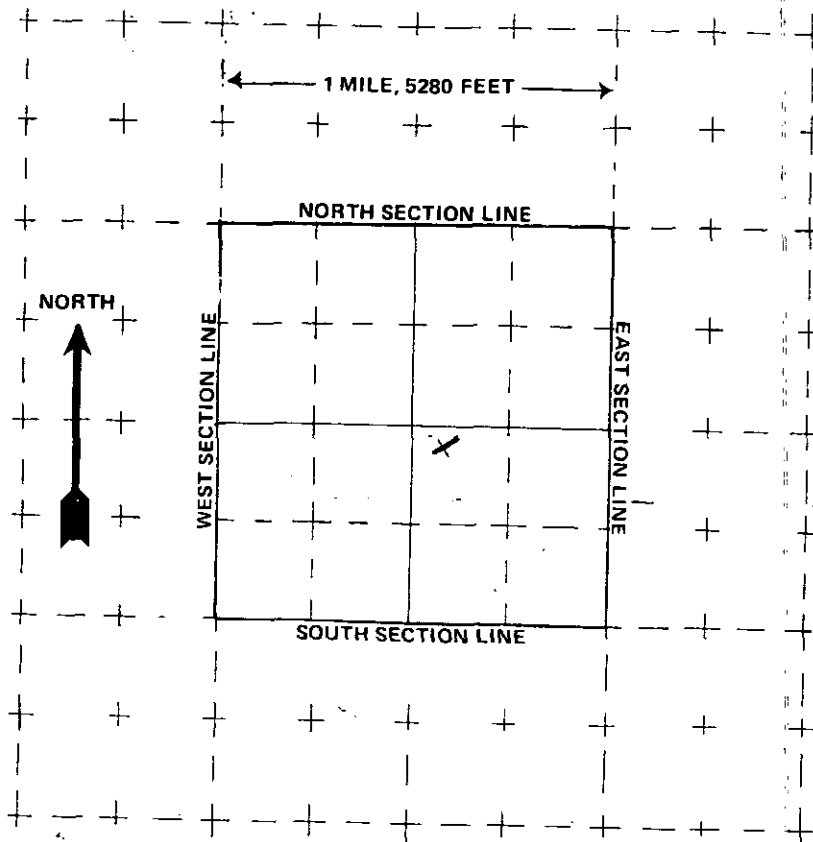
Name PAUL FLETCHER & SONS, INC.

Street 797 Hwy 105

City Palmer Lake, CO. 80133
(State) (Zip)

Telephone No. 481-3589 Lic. No. 797

(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.

2380 ft. from SOUTH (north or south) sec. line ✓
2260 ft. from EAST (east or west) sec. line

LOT _____ BLOCK _____ FILING # _____
SUBDIVISION _____

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: H. Borowski
No. of acres 24 Will this be the only well on this tract? yes

(8) **PROPOSED CASING PROGRAM**

Plain Casing _____
4 in. from 0 ft. to 200 ft.
4 in. from 280 ft. to 300 ft.
Perforated casing
4 in. from 200 ft. to 280 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): HARRY R. BOROWSKI No. of acres: 24
Legal description: NW 1/4, SE 1/4, Sec 7, Twp 12S, Rng. 6SW, 6th p.m.

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

In house use, watering non-comm. domestic animals. Will have county approved 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
<u>NONE</u>		

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

[Signature]
SIGNATURE OF APPLICANT(S)

EXEMPT WELL DATA SHEET - DENVER BASIN, COLORADO

APPLICANT: BOROWSKI RECEIPT NO. 354680
 LOCATION: NW1/4 OF SE1/4 OF SEC. 7, T.12S., R.65W. (2380 SSL, 2260 ESL)

PROPOSED AQUIFER:
 SURFACE ELEVATION: 7310 NUMBER OF ACRES IN TRACT: 24

IS PROPERTY WITHIN SERVICE BOUNDARIES OF MUNICIPALITY S.B.5 CONSENT MAPS? NO YES
 IF SUBDIVISION IS UNDER AUGMENTATION PLAN, CASE NO. IS _____, DIV. _____
 IF SUBDIVISION WAS RECOMMENDED FOR APPROVAL BY THE WATER MANAGEMENT BRANCH, DATE OF LETTER IS _____
 INFORMATION ON SUBDIVISION OR TRACT OF LAND/SPECIAL RESTRICTIONS:

evaluated by MAS on AUGUST 13, 1993

AQUIFER	ELEVATION		NET SAND	DEPTH TO		ANNUAL APPROP A-F	STATUS
	BOT.	TOP		BOT.	TOP		
UPPER DAWSON	6679	7277	299	631	33	14.352	NNT
LOWER DAWSON	-----	-----	-----	-----	-----	-----	-----
DENVER	5720	6651	443	1590	659	18.074	NNT
UPPER ARAPAHOE	5161	5651	246	2149	1659	10.037	NT
LOWER ARAPAHOE	-----	-----	-----	-----	-----	-----	-----
LARAMIE-FOX HILLS	4574	4912	189	2736	2398	6.804	NT

40% area

note: E indicates location is at aquifer boundary and values may be more approximate.
 * indicates the proposed aquifer.

All values are interpolated from the S.B.5 data base assembled in November of 1986.

Warranty Deed

Know all Men by these Presents, That WILLIS R. BRUBAKER and MARJORIE D. BRUBAKER, an undivided one-half interest; and OTIS F. BRUBAKER and LILLIAN BRUBAKER, an undivided one-half interest, of the County of El Paso and State of Colorado, for the consideration of One Dollar and other good and valuable considerations, in hand paid, hereby sell and convey to JACK W. McKEEVER and ELIZABETH E. McKEEVER

"in Joint Tenancy", of the County of El Paso and State of Colorado, the following Real Property situate in the County of El Paso and State of Colorado, to-wit:

The North 495 feet of the Southeast quarter of Section 7, Township 12 South, Range 65 West of the 6th P.M., except the Northerly 255 feet of the Easterly 354.12 feet thereof, El Paso County, Colorado;

Don
for
\$1.50

STATE DOCUMENTARY

MAR 13 1972

FEE \$ 4.50

Best Copy Available

with all its appurtenances and warrant(s) the title to the same, subject to conditions, restrictions, encumbrances, easements and reservations of record, and taxes for the year 1972 and subsequent years.

Signed and delivered this 22nd day of February, 19 72

Willis R. Brubaker
WILLIS R. BRUBAKER
Marjorie D. Brubaker
MARJORIE D. BRUBAKER
Otis F. Brubaker
OTIS F. BRUBAKER
Lillian Brubaker
LILLIAN BRUBAKER

STATE OF Colorado } ss. The foregoing instrument was acknowledged before me
County of El Paso }
this 22nd day of February, 19 72
by WILLIS R. BRUBAKER and MARJORIE D. BRUBAKER, an
undivided 1 interest, ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~
Witness my hand and official seal. ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~
My Commission expires 11-8-72



John M. Riehlly
NOTARY PUBLIC

STATE OF Pennsylvania } ss. The foregoing instrument was acknowledged before me
County of Allegheny }
this 22nd day of March, 19 72
by OTIS F. BRUBAKER and LILLIAN BRUBAKER, an undivided 1 interest,



Witness my hand and official seal.
My Commission expires Dec 31, 1973

Madeline M. Havens
NOTARY PUBLIC

Office of County Clerk and Recorder
El Paso County, State of Colorado
Certified to be a full, true and Correct
Copy of record in my Office.

No. *1634* Book *113* Page *10*

Date... **AUG 06 1993**

..... **ARDIS W. SCHMITT**
County Clerk & Recorder,
El Paso County, Colorado
By *[Signature]*
Deputy

STATE OF COLORADO

OFFICE OF THE STATE ENGINEER
Division of Water Resources
Department of Natural Resources

1313 Sherman Street, Room 818
Denver, Colorado 80203
Phone (303) 866-3581
FAX (303) 866-3589

August 3, 1993

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AUG 10 '93

WATER RESOURCES
STATE ENGINEER
COLO.



Roy Romer
Governor
Ken Safazar
Executive Director
Hal D. Simpson
State Engineer

TO: HARRY R. BOROWSKI
FROM: GLENN GRAHAM
SUBJECT: Application Receipt No. 354680

Your application for a permit to construct a well is being returned for correction and/or additional information. All corrections and/or additions to the application form must be initialed and dated by the applicant or the applicant's authorized agent. The enclosed original application form and any requested supporting documents should be returned to this office so that we may continue our evaluation of your application. Feel free to contact this office if you have any questions or require additional information.

We require an accurate legal description, by metes and bounds or a copy of a surveyor's plat of the 24 acre parcel on which the proposed well would be located. We also require information pertaining to the origin of the subject 24 acre parcel. Please see the attached memorandum describing the kinds of information we require.

Make sure to initial and date all corrections and/or additions you make to the application form.

Please feel free to contact this office if you have any questions.

STATE OF COLORADO

OFFICE OF THE STATE ENGINEER
Division of Water Resources
Department of Natural Resources

1313 Sherman Street, Room 818
Denver, Colorado 80203
Phone (303) 866-3581
FAX (303) 866-3589

August 23, 1993



Roy Romer
Governor
Ken Salazar
Executive Director
Hal D. Simpson
State Engineer

Harry R. Borowski
12950 Black Forest Road
Colorado Springs, CO 80908

RE: Well Permit No. 171950

Dear Mr. Borowski:

Enclosed please find your copy of the above referenced well permit which has been amended to add the watering of the user's non-commercial domestic animals to the approved uses.

I apologize for our oversight which omitted that use on the permit as it was originally issued. Please substitute the enclosed copy for the copy of the permit as originally issued.

Feel free to contact me if you have any questions or require additional information.

Sincerely,

Glenn Graham
Geologist

Enclosure
cc: Permit File

June 28, 1995

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JUN 28 '95

WATER RESOURCES
STATE ENGINEER
COLO

Office of the State Engineer
Colo Division of Water Resources
818 Centennial Bldg.
1313 Sherman St.
Denver, Colo. 80203

RE: Extension of Well Permit # 171950
dated June 30 1993

I hereby request a one year extension to the above well permit # (copy attached).

I regret the request, but financial & retirement plans have been altered since the permit was issued and I will need the additional time to construct the well.

Thank you for your consideration.

Sincerely

Harry R Borowski
12950 Black Forest Rd.
Colo Springs, Colo. 80908

PERMIT EXPIRATION DATE EXTENDED June 30, 1996

1 Ach:
Copy of above
well permit