

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

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

WELL PERMIT NUMBER **162342**
DIV. 1 CNTY. 20 WD 8 DES. BASIN MD

APPLICANT

EARL M BALDWIN
10415 E MEADOW RUN
PARKER, CO 80134

303/841-4129

Lot: Block: Filing: Subdiv:

APPROVED WELL LOCATION

COUNTY ELBERT

SW 1/4 NW 1/4 Section 34
Twp 7 S, Range 65 W 6thP.M.

DISTANCES FROM SECTION LINES

1840 Ft. from North Section Line
1040 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 40 acres described as the SW 1/4 of the NW 1/4 of Sec. 34, Twp. 7S, Rng. 65W, 6th P.M., Elbert County.
- 4) The use of ground water from this well is limited to ordinary household purposes inside one 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 total depth of the well shall not exceed 475 feet, which corresponds to the base of the Upper 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.

JWB 11/13/91

APPROVED:
JWB

John A. Demick
State Engineer

Receipt No. 0332065

DATE ISSUED NOV 13 1991

By *John D. Bilyly*
EXPIRATION DATE NOV 13 1993

FORM NO. GWS-32 11/90

PUMP INSTALLATION AND TEST REPORT STATE OF COLORADO, OFFICE OF THE STATE ENGINEER

For Office Use only

RECEIVED JUN 23 93 WATER RESOURCES STATE ENGINEER COLO.

1. WELL PERMIT NUMBER 162342

2. OWNER NAME(S) Earl M. Baldwin Mailing Address 10415 E. Meadow Run City, St. Zip Parker, CO 80134 Phone (303) 841-4129

3. WELL LOCATION AS DRILLED: SW 1/4 NW 1/4, Sec. 34 Twp. 7 S, Range 65 W DISTANCES FROM SEC. LINES: 1840 ft. from North Sec. line. and 1040 ft. from West Sec. line. SUBDIVISION: LOT BLOCK FILING(UNIT) STREET ADDRESS AT WELL LOCATION:

4. PUMP DATA: Type submersible Installation Completed 5/14/93 Pump Manufacturer Goulds Pump Model No. 10EJ15412 Design GPM 10 at RPM 3650, HP 1 1/2, Volts 230, Full Load Amps 9.1 Pump Intake Depth 325 Feet, Drop/Column Pipe Size 1 Inches, Kind PVC 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. Date 5/14/93 Total Well Depth 363 ft. Time Static Level 210 ft. Rate (GPM) 10 Date Measured 5/14/93 Pumping Lvl. 255 ft.

7. DISINFECTION: Type Chlorine Amt. Used 2 cups

8. Water Quality analysis available. Yes No

9. Remarks

10. 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 Norden Pump Service, Inc. Phone (303) 688-3794 Lic. No. 861 Mailing Address P. O. Box 268 Castle Rock, CO 80104

Name/Title (Please type or print) Signature Date Ralph Norden, President Ralph Norden 5/24/93

RECEIVED

OCT 7 - '92

WATER RESOURCES STATE ENGINEER COLO.

1. WELL PERMIT NUMBER 162342

2. OWNER NAME(S) Earl M. Baldwin
 Mailing Address 10415 E. Meadow Run
 City, St. Zip Parker, Co. 80134
 Phone () 841-4129

3. WELL LOCATION AS DRILLED: SW 1/4 NW 1/4, Sec. 34 Twp. 7 S, Range 65 W
 DISTANCES FROM SEC. LINES:
1840 ft. from North Sec. line. and 1040 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 _____ ft. DRILLING METHOD Air rotary
 DATE COMPLETED August 14, 1992. TOTAL DEPTH 363 ft. DEPTH COMPLETED 363 ft.

5. GEOLOGIC LOG:

Depth	Description of Material (Type, Size, Color, Water Location)
0	2 Soil
2	17 sand
17	52 Yellow clay
52	106 Sand
106	118 Green clay
118	144 Sand ***
144	193 Yellow clay
193	210 Sand
210	223 Green clay
223	349 Sand ***
349	363 Gray shale
363	Bottom

REMARKS:

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

8	0	21
6	21	363

7. PLAIN CASING

OD (in)	Kind	Wall Size	From(ft)	To(ft)
6 5/8	Steel	.188	+1	21
4 1/2	PVC	.237	17	203
PERF. CASING: Screen Slot Size: .030				
4 1/2	PVC	.237	203	363

8. FILTER PACK:
 Material Sand
 Size 8-12
 Interval 203'-363'

9. PACKER PLACEMENT:
 Type _____
 Depth _____

10. GROUTING RECORD:

Material	Amount	Density	Interval	Placement
Cement	2 bags/	12 gals	7'-21'	pos disp

11. DISINFECTION: Type HTH Amt. Used 1 Cup

12. WELL TEST DATA: Check box if Test Data is submitted on Supplemental Form.
 TESTING METHOD Bailer
 Static Level 210 ft. Date/Time measured August 14, 1992, Production Rate 12 1/2 gpm.
 Pumping level 255 ft. Date/Time measured August 14, 1992, Test length (hrs.) 2
 Remarks Air test - 110 gpm @ 363'

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 Hier Drilling Co. Phone (303) 688-3012 Lic. No. 8
 Mailing Address P.O. Box 250 Castle Rock, Co. 80104

Name/Title (Please type or print) <u>George R. Hier, Pres.</u>	Signature <u>George R. Hier</u>	Date <u>August 19, 1992</u>
---	------------------------------------	--------------------------------

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

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
- () A PERMIT TO CONSTRUCT A WELL
- FOR: () A PERMIT TO INSTALL A PUMP
- () REPLACEMENT FOR NO. _____
- () OTHER _____
- WATER COURT CASE NO. _____

102270

RECEIVED
NOV 06 '91
WATER RESOURCES
STATE ENGINEER
COLO.

6590 elw

51B

51B
RECEIVED
NOV 06 '91
WATER RESOURCES
STATE ENGINEER
COLO.

(1) APPLICANT - mailing address

NAME EARL M Baldwin
 STREET 10415 E MEADOW Road
 CITY PARKER Co 80134
(State) (Zip)
 TELEPHONE NO. 841-4129

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN.

Receipt No. 332065 / _____
 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.

40 ac. -> same as item 2

(2) LOCATION OF PROPOSED WELL

County ELBERT
SW $\frac{1}{4}$ of the NW $\frac{1}{4}$, Section 34
 Twp. 7 S, Rng. 65 W, 6E 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: 1/2
 Proposed total depth (feet): 400
 Aquifer ground water is to be obtained from:
UPPER DANFORD
 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) _____

DETAIL THE USE ON BACK IN (11)

APPLICATION APPROVED

PERMIT NUMBER _____

DATE ISSUED _____

EXPIRATION DATE _____

(STATE ENGINEER)

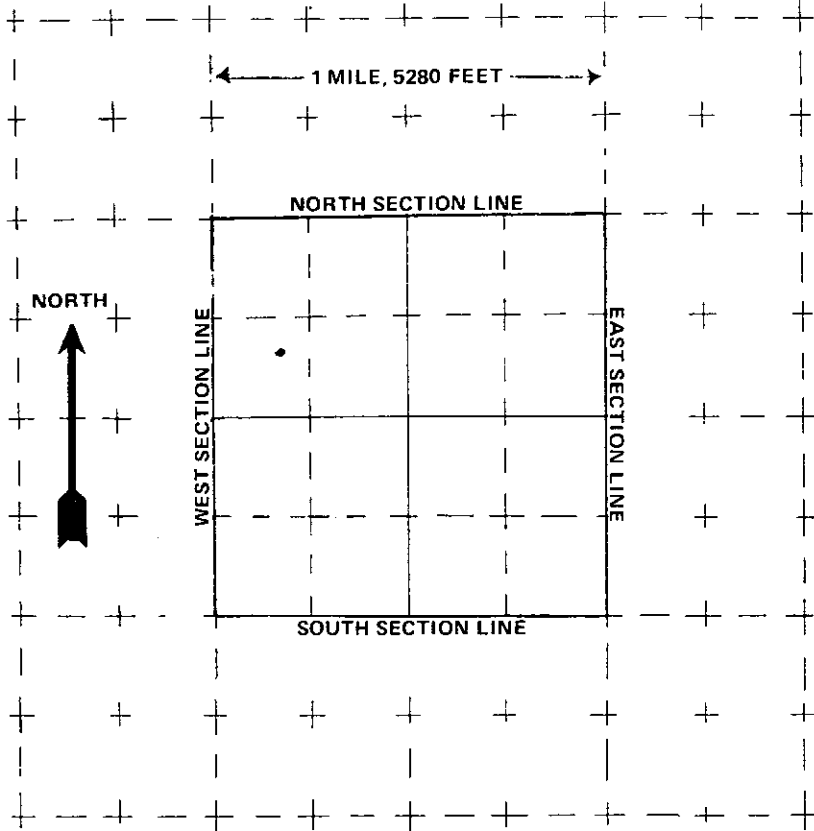
BY _____

I.D. 1 COUNTY 20 08

(4) DRILLER

Name HERZ DRILLING CO
 Street P.O. BOX 250
 City CASTLE ROCK Co 80104
(State) (Zip)
 Telephone No. 688-3012 Lic. No. 8

(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.

1840 ft. from NORTH (north or south) sec. line

1040 ft. from WEST (east or west) sec. line

LOT _____ BLOCK _____ FILING # _____

SUBDIVISION none

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: Baldwin

No. of acres 40 Will this be

the only well on this tract? yes

(8) **PROPOSED CASING PROGRAM**

Plain Casing

6 in. from 0 ft. to 40 ft.

4 in. from 30 ft. to 200 ft.

Perforated casing

4 in. from 200 ft. to 400 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): EARL M. BALDWIN No. of acres: 40

Legal description: SW 1/4 NW 1/4 Sec 34, T. 7-S, R. 65-W, 6R PM

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

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
<u>none</u>		

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

Earl M. Baldwin
SIGNATURE OF APPLICANT(S)

EXEMPT WELL DATA SHEET - DENVER BASIN, COLORADO

APPLICANT: BALDWIN RECEIPT NO. 332065

LOCATION: SW1/4 OF NW1/4 OF SEC. 34, T.7S., R.65W. (1840 NSL, 1040 WSL)

PROPOSED AQUIFER:

SURFACE ELEVATION: 6590 NUMBER OF ACRES IN TRACT: 40

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:

Other well Research:
 WF ✓ # 24569
 WR ✓
 CWCB ✓
 # 36 NE SE; stock use

30924-F is expired (11/25/87) - no court. Application order issued 6/1/88
 → is in SW NE - not NW - mistake on permit.

evaluated by JWB on NOVEMBER 8, 1991

AQUIFER	ELEVATION		NET SAND	DEPTH TO		ANNUAL APPROP A-F	STATUS
	BOT.	TOP		BOT.	TOP		
UPPER DAWSON	6116	6406	145	474	184	11.600	NNT
LOWER DAWSON	5841	5997	67	749	593	5.360	NT
DENVER	4840	5847	189	1750	743	12.852	NT
UPPER ARAPAHOE	4357	4812	244	2233	1778	16.592	NT
LOWER ARAPAHOE	---
LARAMIE-FOX HILLS	3651	4021	201	2939	2569	12.000	NT

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.