

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

For Office Use only

RECEIVED MAY 09 1997

WATER RESOURCES STATE ENGINEER COLO.

1. WELL PERMIT NUMBER 195415
2. OWNER NAME(S) James A. Dehman
Mailing Address 2939 S. Cook Way
City, St. Zip Littleton Co 80122
Phone (303) 773-3387

3. WELL LOCATION AS DRILLED: SE 1/4 SE 1/4, Sec. 23 Twp. 3 N, Range 76 W
DISTANCES FROM SEC. LINES: 700 ft. from South Sec. line. and 1000 ft. from East Sec. line.
SUBDIVISION: Shadows Mountain Estates LOT 8 BLOCK FILING(UNIT)

4. GROUND SURFACE ELEVATION ft. DRILLING METHOD Air Rotary
DATE COMPLETED 1-25-97 TOTAL DEPTH 240 ft. DEPTH COMPLETED 240 ft.

5. GEOLOGIC LOG: Table with columns Depth and Description of Material. Includes entries for Glacial Till, Brown Clay, and gravel with flow rates (gpm).

6. HOLE DIAM. (in.) Table with columns From (ft) and To (ft). Shows diameters of 8 3/4, 6, 10 1/2, and 2 1/2 inches.

7. PLAIN CASING Table with columns OD (in), Kind, Wall Size, From(ft), To(ft). Includes entries for Steel and PVC casing.

8. FILTER PACK: Material N/A, Size N/A, Interval

9. PACKER PLACEMENT: Type N/A, Depth

10. GROUTING RECORD: Table with columns Material, Amount, Density, Interval, Placement. Includes entry for Cement grout.

REMARKS:

11. DISINFECTION: Type HTH Amt. Used 502

12. WELL TEST DATA: TESTING METHOD Air Lift
Static Level 140 ft. Date/Time measured 1-25-97 9:00 am, Production Rate 4 gpm.
Pumping level 2391 ft. Date/Time measured 1-25-97 10:10 am, Test length (hrs.) 4

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 McPherson Drilling Phone (970) 887-3993 Lic. No. 1064
Mailing Address Box 1090 Cranky CO 80446

Name/Title (Please type or print) Signature Date
Ben McPherson (owner) B. D. McPherson 2-15-97

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

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

LIC

WELL PERMIT NUMBER	<u>195415</u>
DIV. 5	CNTY. 25
WD 51	DES. BASIN
	MD

APPLICANT

JAMES A DEHAMER
7939 S COOK WY
LITTLETON CO 80122

(303) 773-3387

APPROVED WELL LOCATION

GRAND COUNTY
SE 1/4 SE 1/4 SECTION 23
Twp 3N RANGE 76W 6th P.M

DISTANCES FROM SECTION LINES

0700 Ft. from South Section Line
1000 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 18.
- 3) Approved pursuant to CRS 37-92-602(3)(b)(II)(A) as the only well on the residential site DESCRIBED ABOVE.
- 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 this well must be through a non-evaporative waste water disposal system where the water is returned to the same stream system in which the well is located.
- 7) This well shall be constructed not more that 200 feet from the location specified on this permit.

*5/31/96
DAF*

Hal D. Simpson

State Engineer

David Fox

By

Receipt No. 0399834

DATE ISSUED **MAY 31 1996**

EXPIRATION DATE **MAY 31 1998**

RECEIVED

APR 25 '96

WATER RESOURCES
STATE ENGINEER
COLO

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

(1) APPLICANT - mailing address

NAME JAMES A. DE HAMER.
 STREET 7939 S. COOK WAY.
 CITY LITTLETON Co 80122
(State) (Zip)
 TELEPHONE NO. 303-773-3387.

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. _____ / _____
 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.

HUB
Per-72 ✓
W-4 ✓

(2) LOCATION OF PROPOSED WELL

County GRAND COUNTY.
S.E. 1/4 of the S.E. 1/4, Section 23.
 Twp. 3 N., Rng. 76 W., 6 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: NONE.
 Proposed total depth (feet): 150
 Aquifer ground water is to be obtained from:

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)

(4) DRILLER

Name ~ LICENSED ~
 Street _____
 City _____
(State) (Zip)
 Telephone No. _____ Lic. No. _____

CHECKS TR#399834 042596 60.00
APPLICATION APPROVED WATER RESOURCES

PERMIT NUMBER _____

DATE ISSUED _____

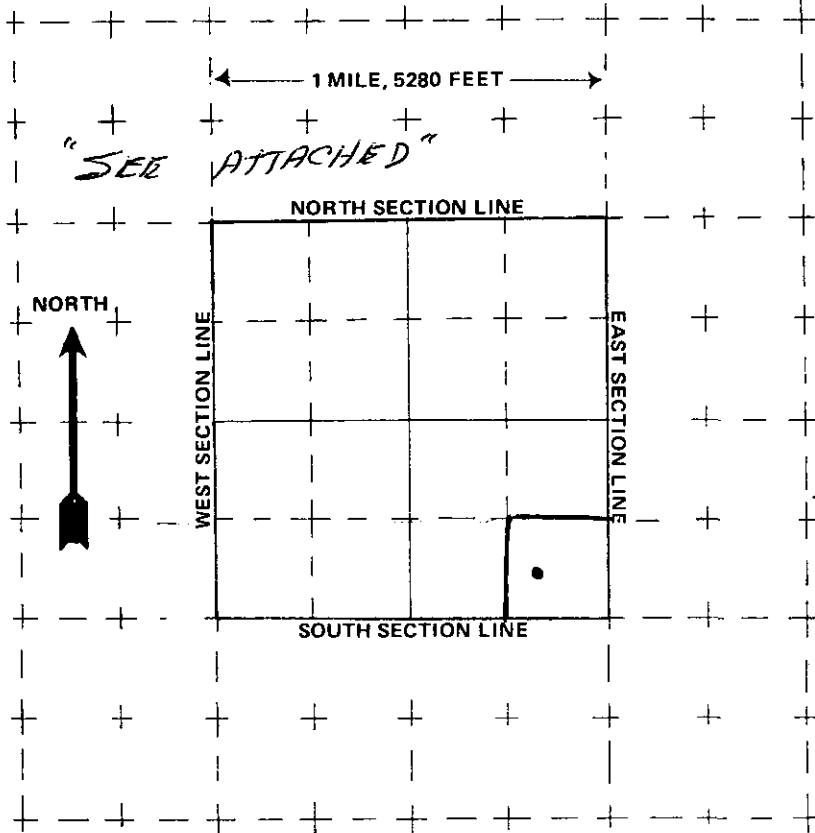
EXPIRATION DATE _____

(STATE ENGINEER)

BY _____

I.D. 5 COUNTY 25-51

(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.

700 ft. from SOUTH sec. line
(north or south)
1000 ft. from EAST sec. line
(east or west)

LOT 8 BLOCK _____ FILING # 3
SUBDIVISION SHADOW MTN ESTATES.

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: JAMES DE HAMAN.

No. of acres 1 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" in. from 20 ft. to 100' ft.
Perforated casing
4" in. from 100 ft. to 150 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): JAMES A. DE HAMER. No. of acres: 1
Legal description: LOT 8 FILING 3 SHADOW MOUNTAIN ESTATES.

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

TO BE USED FOR PRIVATE RESIDENCE -
USED WATER TO GO INTO THREE LAKES WATER & SANITATION
DISTRICT SEWER. SYSTEM.

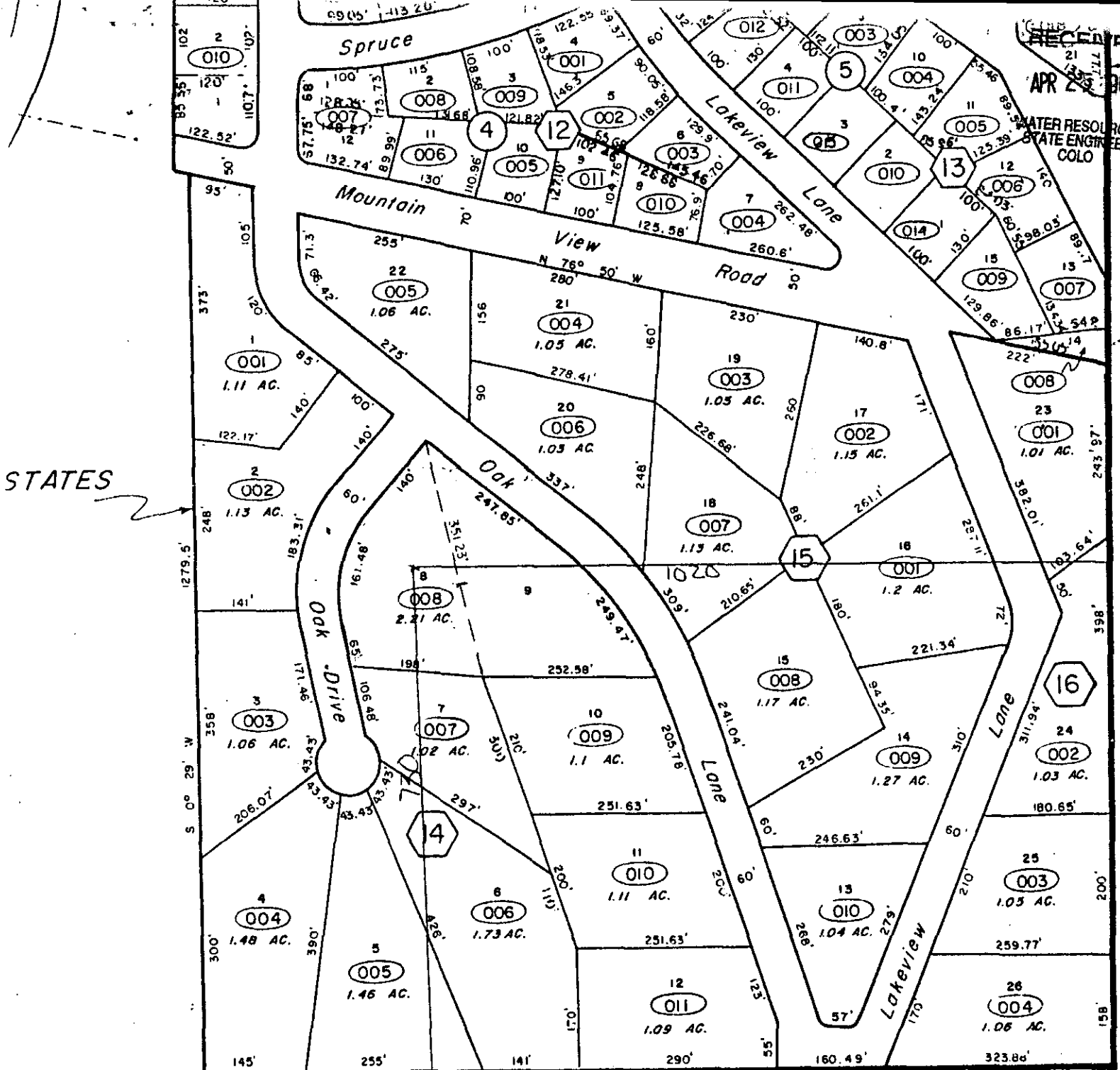
(12) **OTHER WATER RIGHTS** used on this land, including wells. Give Registration and Water Court Case Numbers.

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.**

James A. De Hamer.
SIGNATURE OF APPLICANT(S)

RECEIVED
 APR 23 1966
 WATER RESOURCES
 STATE ENGINEER
 COLO



STATES

Scale: 1 in = 200 feet

* 1020 to X in middle of lot 8 from East Section Line.

* 730 ft to X in middle of lot 8 from South Section Line.

Last metes and bounds parcel number