

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg. 1313 Sherman St., Denver, Colorado 80203
(303) 866-3501

WELL PERMIT NUMBER	172540			
DIV. 8	CNTY. 21	WD. 10	DE'S BASIN 4	MD. 12

APPLICANT

FRED SQUIRE MURR
7810 BRULE RD
COLO SPRINGS CO 80908

(719)495-4270

Lot 16 Block 3 Filing 1 Subdiv. MEADY LAKE ESTATES

APPROVED WELL LOCATION
EL PASO COUNTY

NW 1/4 NE 1/4 Section 5
Twp 13 S RANGE 64 W 6th P.M.

DISTANCES FROM SECTION LINES

750 Ft from North Section Line
2150 Ft from East Section Line

PERMIT TO CONSTRUCT A WELL

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 37-60-105.
- 4) Water from this well may be used for domestic purposes inside one (1) single family dwelling.
- 5) The maximum pumping rate shall not exceed 15 GPM.
- 6) The annual appropriation shall not exceed 1 acre-feet.
- 7) The irrigated area shall not exceed 1 acre of lawn and garden.
- 8) Production is limited to the Dawson aquifer. Plain casing must be installed to a minimum depth of 50 feet to prevent diversion of water from the Dawson aquifer. The casing shall extend to a minimum depth of 150 feet, which is the estimated base of the Dawson aquifer.
- 9) This well must be constructed within 300 feet of the

RECEIVED

JUN 25 '93

WATER RESOURCES
STATE ENGINEER
TITLE

PERMIT APPLICATION FORM

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

FOR: 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. _____

172540

(1) APPLICANT - mailing address

NAME FRED SQUIRRE MURK
STREET 7810 Beale Road
CITY Colorado Springs, Co. 80908
(State) (Zip)
TELEPHONE NO. 719-495-4270

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 355819
Basin 4 Dist. 12

(2) LOCATION OF PROPOSED WELL

County FIDOSO
NW 1/4 of the NE 1/4, Section 5
Twp. 13 S. Rng. 64 W. 6 P.M.
(N,S) (E,W)

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.

(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
Proposed total depth (feet): 150
Aquifer ground water is to be obtained from:
DOWSON
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 (3) _____

DETAIL THE USE ON BACK IN (1)

(4) DRILLER

Name M & B DRILLING
Street _____
City CALHAN CO 80808
(State) (Zip)
Telephone No. 683-2291 Lic. No. 69

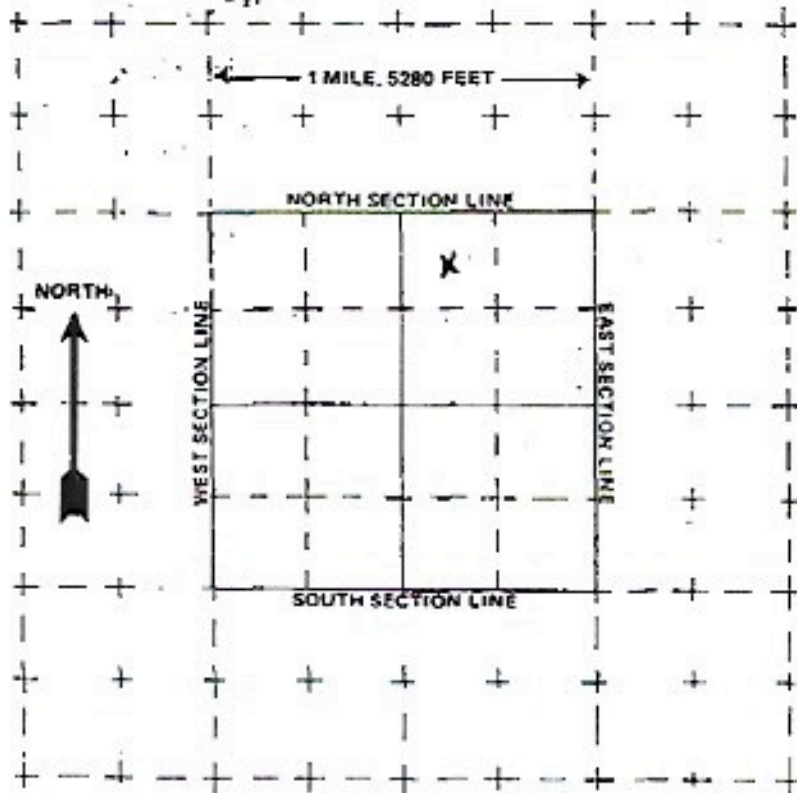
62 A 690
APPLICATION APPROVED

PERMIT NUMBER _____
DATE ISSUED _____
EXPIRATION DATE _____

(STATE ENGINEER)

BY _____
I.D. 8-2 COUNTY 21-10

(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.

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

2150 ft. from EAST sec. line
(east or west)

LOT 15 BLOCK 3 FILING # 1
SUBDIVISION Meadow Lake Estates

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: FRED SQUIRRE MURK

No. of acres 7.98 Will this be the only well on this tract? YES

(8) PROPOSED CASING PROGRAM

Plain Casing

6 5/8 in. from +1 ft. to 20' ft.

4" in. from 20' ft. to 50' ft.

Perforated casing

4" in. from 50' 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:

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

Owner(s): FRED SQUIRRE MURK No. of acres: 7.98

Legal description: Lot 15 Block 3 Meadow Lake Estates Filing #1

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

House, Brandon, Twp. County, assumed
Septic 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
<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: ~~XXXX~~ RECEIPT NO. 335819
 LOCATION: NW1/4 OF NE1/4 OF SEC. 5, T.13S., R.64W. (750 NSL, 2150 ESL)
 LOCATION IS WITHIN THE UPPER BLACK SQUIRREL DESIGNATED GROUND WATER BASIN
 PROPOSED AQUIFER:
 SURFACE ELEVATION: 6880 NUMBER OF ACRES IN TRACT: 7.98

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:
 LOT 15, Bk 3, F.L.1, Meadow Lake Estates

1966 Plat

evaluated by MAS on AUGUST 25, 1993

- NO AQUIFER - USE 20 FT. SEPARATION -
 - EDGE OF DAWSON OUTCROP - allow 50' 150'

AQUIFER	ELEVATION		NET SAND	DEPTH TO		ANNUAL APPROP A-F	STATUS
	BOT.	TOP		BOT.	TOP		
UPPER DAWSON	----	----	----	----	----	----	---
LOWER DAWSON	----	----	----	----	----	----	---
DENVER	5850	6712	248	1030	160	3.364	NNT
UPPER ARAPAHOE	5339	5824	178	1541	1056	2.415	MT
LOWER ARAPAHOE	----	----	----	----	----	----	---
LARAMIE-POX HILLS	4711	4997	203	2169	1883	2.430	MT

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.

Down
 15.6 gpm
 1. AF
 1. acre
 150 meter

FORM NO. 1
CWS-31
11700

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

For Office Use only

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FEB 28 1995

WATER RESOURCES
STATE ENGINEER
CWS

1. WELL PERMIT NUMBER 172540

2. OWNER NAME(S) FRED SQUIRE MURR
Mailing Address 7810 BRUTE RD.
City, St. Zip Colo. Spgs, Colo. 80908
Phone (719) 495-4270

3. WELL LOCATION AS DRILLED: NW 1/4 NE 1/4, Sec. 5 Twp. 13 S, Range 64 W
DISTANCES FROM SEC. LINES:
750 ft. from North Sec. line. and 2150 ft. from East Sec. line. OR
(north or south) (east or west)
SUBDIVISION: Meadow Lake Estates LOT 15 BLOCK 3 FILING(UNIT) 1
STREET ADDRESS AT WELL LOCATION:

4. GROUND SURFACE ELEVATION _____ ft. DRILLING METHOD Rotary-mud
DATE COMPLETED FEB. 28, 1995 TOTAL DEPTH 150 ft. DEPTH COMPLETED 150 ft.

5. GEOLOGIC LOG:

Depth	Description of Material (Type, Size, Color, Water Location)
0-1	Soil
1-11	Gravel
11-40	Clay
40-60	Sand Stone
60-90	Clay
90-110	Sand Stone
110-135	Clay
135-150	Sand Stone

REMARKS:

6. HOLE DIAM. (in.)

From (ft)	To (ft)
9	1
6 3/4	20
5 3/4	50
	150

7. PLAIN CASING

OD (in)	Kind	Wall Size	From (ft)	To (ft)
6 3/8	Steel	.188	+1	20
4	PVC	200psi	+1	50

PERF. CASING: Screen Slot Size: 1/4 in

From (ft)	To (ft)
4	50
	150

8. FILTER PACK:
Material _____
Size _____
Interval _____

9. PACKER PLACEMENT:
Type _____
Depth 20 to 50

10. GROUTING RECORD:

Material	Amount	Density	Interval	Placement
Cement	711#	6.1	6-20	Manual
Water	211#		20-50	
Pack's	2		20-150	

11. DISINFECTION: Type Powder Amt. Used 1 1/4 C

12. WELL TEST DATA: Check box if Test Data is submitted on Supplemental Form.
TESTING METHOD Bailer
Static Level 65 ft. Date/Time measured FEB. 28, 1995 Production Rate 4 gpm.
Pumping level 115 ft. Date/Time measured FEB. 28, 1995 Test length (hrs.) 1/2 hr.
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 M.B. Drilling Phone (719) 683 2291 Lic. No. 781
Mailing Address Cathlamet, Ore 97108

Name/Title (Please type or print) ED MATEYKA Signature Ed Mateyka Date 3-1-95