

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 300721
DIV. 2 WD 17 DES. BASIN MD

APPLICANT

VIRGIL B & LORRAINE E MITCHELL
29975 HARRISVILLE RD
CALHAN, CO 80808-

APPROVED WELL LOCATION

EL PASO COUNTY
NW 1/4 NW 1/4 Section 22
Township 14 S Range 61 W Sixth P.M.

DISTANCES FROM SECTION LINES

458 Ft. from North Section Line
500 Ft. from West Section Line

UTM COORDINATES (Meters, Zone: 13, NAD83)

Easting: 567709 Northing: 4297485

() -

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.
2) The construction of this well shall be in compliance with the Water Well Construction 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 a tract of land of 40.18 acre(s) described as that portion of the N 1/2 of the NW 1/4, Sec. 22, Twp. 14 S, Rng. 61 W, Sixth P.M., El Paso County, more particularly described on the attached exhibit A.
4) The use of ground water from this well is limited to fire protection, ordinary household purposes inside not more than three (3) single family dwellings, the watering of poultry, domestic animals and livestock on a farm or ranch and the irrigation of not more than one (1) acre of home gardens and lawns.
5) Production is limited to the Laramie-Fox Hills aquifer which is located approximately 450 feet below land surface and extends to a depth of approximately 700 feet. Plain casing must be installed and grouted to prevent the withdrawal of ground water from other aquifers and the movement of ground water between aquifers.
6) The pumping rate of this well shall not exceed 15 GPM.
7) The return flow from the use of this 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 ensure 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.

NOTICE: This permit has been approved subject to the following changes: The distances from section lines were calculated from UTM coordinate values provided with the permit application. You are hereby notified that you have the right to appeal the issuance of this permit, by filing a written request with this office within sixty (60) days of the date of issuance, pursuant to the State Administrative Procedures Act. (See Section 24-4-104 through 106, C.R.S.)

APPROVED IF1

Dick Wolfe by State Engineer

Signature of official

Receipt No. 3673549

DATE ISSUED 04-07-2016

By EXPIRATION DATE 04-07-2018

COLORADO DIVISION OF WATER RESOURCES
 DEPARTMENT OF NATURAL RESOURCES
 1313 SHERMAN ST., Ste 821, DENVER, CO 80203
 Main: (303) 866-3581 Fax: (303) 866-2223 dwrpermitsonline@state.co.us

Office Use Only

Form GWS-44 (7/2012)

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Div 2

RESIDENTIAL Note: Also use this form to apply for livestock watering

Water Well Permit Application

Review form instructions prior to completing form.
 Hand completed forms must be completed in black or blue ink or typed.

1. Applicant Information

Name(s)
 Virgil B & Lorraine E Mitchell

Mailing address
 29975 Harrisville Rd

City State Zip code
 Calhan CO 80808

2. Type Of Application (check applicable boxes)

- Construct new well
- Replace existing well
- Use existing well
- Change or increase use
- Change source (aquifer)
- Reapplication (expired permit)
- Rooftop precip. collection
- Other:

3. Refer To (if applicable)

Well permit # _____ Water Court case # _____
 Designated Basin Determination # _____ Well name or # _____

4. Location Of Proposed Well (Important! See Instructions)

County
 El Paso

Section Township N or S Range E or W Principal Meridian
 22 14 61 6th

Distance of well from section lines (section lines are typically not property lines)
 Ft. from N S Ft. from E W

For replacement wells only - distance and direction from old well to new well
 feet Direction

Well location address (Include City, State, Zip) Check if well address is same as in Item 1.
 515 S Yoder Rd

Optional: GPS well location information in UTM format. GPS unit settings are as follows:
 Format must be UTM
 Zone 12 or Zone 13
 Units must be Meters
 Datum must be NAD83
 Unit must be set to true north
 Was GPS unit checked for above? YES

Easting: 567709
 Northing: 4297485
 Remember to set Datum to NAD83

5. Parcel On Which Well Will Be Located (You must attach a current deed for the subject parcel)

- A. You must check and complete one of the following:
- Subdivision: Name _____
 Lot _____ Block _____ Filing/Unit _____
 - County exemption (attach copy of county approval & survey)
 Name/# _____ Lot # _____
 - Parcel less than 35 acres, not in a subdivision attach a deed with metes & bounds description recorded prior to June 1, 1972, and current deed
 - Mining claim (attach copy of deed or survey) Name/#: _____
 - Square 40 acre parcel as described in Item 4
 - Parcel of 35 or more acres (attach metes & bounds description or survey)
 - Other: (attach metes & bounds description or survey)

B. # of acres in parcel
 40.18

C. Are you the owner of this parcel?
 YES NO

D. Will this be the only well on this parcel? YES NO (if no - list other wells)

E. State Parcel ID# (optional):

6. Use Of Well (check applicable boxes)

- See instructions to determine use(s) for which you may qualify
- A. Ordinary household use in one single-family dwelling (no outside use)
 - B. Ordinary household use in 1 to 3 single-family dwellings:
 Number of dwellings: 1-3
 Home garden/lawn irrigation, not to exceed one acre:
 area irrigated 1 _____ sq. ft. acre
 Domestic animal watering - (non-commercial)
 - C. Livestock watering (on farm/ranch/range/pasture)

7. Well Data (proposed)

Maximum pumping rate Annual amount to be withdrawn
 15 gpm 1 acre-feet

Total depth Aquifer
 700 feet Laramie- Fox Hills

8. Water Supplier

Is this parcel within boundaries of a water service area? YES NO
 If yes, provide name of supplier:

9. Type Of Sewage System

- Septic tank / absorption leach field
- Central system: District name: _____
- Vault: Location sewage to be hauled to: _____
- Other (explain) _____

10. Proposed Well Driller License #(optional): 1149

11. Sign or Enter Name of Applicant(s) or Authorized Agent

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

Sign or enter name(s) of person(s) submitting application _____ Date (mm/dd/yyyy) _____

If signing print name and title
 Virgil B & Lorraine E Mitchell

Office Use Only

USGS map name _____ DWR map no. _____ Surface elev. _____

Receipt area only
 Parcel is 35+ acres with metes + bounds
 Exhibit attached
 referenced permit 215042 for Aquifer Interests

AQUAMAP
 WE
 WR
 CWCB
 TOPO
 MYLAR
 SBS

Transaction # 3673549
 Date: 3/2/2016 11:23:52 AM
 Transaction Total: \$100.00
 CREDIT CARD \$100.00

DIV 2 WD 17 BA MD

KIF

Public Record Property Information

Exhibit A

Thursday, April 07, 2016 Time: 10:34:59 AM

Personal Information

Schedule No: 1400000459

Owner Name: MITCHELL VIRGIL B & LORRAINE E
MITCHELL DALE B

Location: 515 S YODER RD

Mailing Address: 29975 HARRISVILLE RD
CALHAN CO 80808-9421

Previous Parcel

Replaced Parcel

Legal Description

TR IN NW4 SEC 22-14-61 DESC AS FOLS: BEG AT NW COR OF
SD SEC 22; TH S 00<04'55" W ALG W LN OF SD SEC 22
586.88 FT, S 89<15'36" E 350.00 FT, S 75<07'19" E
349.52 FT, N 61<27'26" E 196.76 FT, S 82<03'20" E
1812.09 FT TO A PT ON N-S C/L OF SD SEC 22; TH NLY ALG
N-S C/L OF SD SEC 22 TO A PT ON N SEC LN SD PT BEING
N4 COR OF SD SEC 22, TH WLY ALG SD N SEC LN TO NW COR
THEREOF & POB



Market Information (2015 Values)

Levy Year: 2015 Mill Levy: 43.23 Exempt Status: Not Exempt

Table	Use Code	2015 Market Value	2015 Assessed Value	Exempt
Land	AG. GRAZING LAND	\$847	\$250	
Imp	HORSE ARENA	\$53,172	\$15,420	
Imp	CATTLE SHED	\$843	\$240	
Imp	UTILITY BUILDING	\$369	\$110	
Imp	CATTLE SHED	\$687	\$200	
	Total Value	\$55,918	\$16,220	

Tax Entity and Levy Information

(District: WB1)

Taxing Entity	Contact Name	Contact Phone
EL PASO COUNTY	FINANCIAL SERVICES	(719) 520-6498
EPC ROAD & BRIDGE (UNSHARED)		(719) 520-6498
MIAMI-YODER SCHOOL NO 60	TINA WOODRUM	(719) 478-2206
PIKES PEAK LIBRARY	MIKE VARNET	(719) 531-6333



STATE OF COLORADO

DWRPermitsOnline, DNR <dnr_dwrpermitsonline@state.co.us>

Water Well Permit Application

1 message

Megan Taunton <megant@canamericadrilling.com>
To: DWRpermitsonline@state.co.us

Fri, Feb 26, 2016 at 2:17 PM

Megan Taunton

Office Manager

Can-America Drilling, Inc.

PO Box 416

Simla, CO 80835

719-541-2967 (office)

719-541-9545 (fax)

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Geothermal Drilling, Water Wells, and Pump Service

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1491K

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: Virgil B & Lorraine E Mitchell
Receipt No: 3673549
Evaluated By: HIF
Location: NW 1/4 of NW 1/4 of Sec. 22, T.14S, R.61W. (458 NSL, 500 WSL)
Basin Designation: Location is within the UNKNOWN Designated Ground Water Basin.
Ground Surface Elevation: 6120 Feet **Number of Acres:** 40

Warning! The depth intervals estimated in this area may vary from actual conditions due to lack of data and/or structural complexity.

Aquifer	Elevation (ft)		Net Sand	DEPTH (ft)		ANNUAL APPROP. (A-F)	STATUS
	<i>Bot</i>	<i>Top</i>		<i>Bot</i>	<i>Top</i>		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	--	--	--	--	--	--	--
Upper Arapahoe	5913	6118	56.2	207	2	3.82	NNT
Lower Arapahoe	--	--	--	--	--	--	--
Laramie-Fox Hills	5467	5680	193.6	653	440	11.61	NT

NOTE: 'E' indicates a location is at an aquifer boundary and the values may be more approximate.

To: Geotechnical Staff
From: Michael Schaub
CC:
Date: 01/06/99
Re: Permit Application 439720 – Map 61G Yoder

Please identify the aquifer boundaries for the Laramie-Fox Hills at the location as indicated on the attached permit application. This is located in the SB5 not-reliable area.

Thanks



Michael Schaub

Team 237

*Top KIF is about 450 to 500'
Base 700 ±
sand 150 - 170'*