

25.00 7/20

FORM U.W. 5
Rev. 3/05
FILING FEE SCHEDULE
ON REVERSE SIDE

STATE OF WYOMING
OFFICE OF THE STATE ENGINEER
HERSCHLER BLDG., 4-E CHEYENNE, WYOMING 82002
(307) 777-6163

1/22/07 1:47
#25-176088
SCANNED OCT 1 2007

APPLICATION FOR PERMIT TO APPROPRIATE GROUND WATER

APPLICATION FOR WELLS AND SPRINGS

Note: Only springs flowing 25 gallons per minute or less, where the proposed use is domestic and /or stock watering, will be considered as ground water appropriations.

FOR OFFICE USE ONLY

Temporary Filing No. U.W. 39-7-127

PERMIT NO. U.W. 176088
WATER DIVISION NO. 1 DISTRICT 1
U.W. DISTRICT Laramie County

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.
ALL ITEMS MUST BE COMPLETED BEFORE APPLICATION IS ACCEPTABLE

NAME AND NUMBER OF WELL or SPRING ABE #3
1. Name of applicant(s) RAYMOND L. ABE Phone: 307-631-8989
2. Address of applicant(s) 1191 GRANITE SPRINGS Rd, CHEYENNE, WY 82009
(MAILING ADDRESS) (CITY) (STATE) (ZIP)
3. Name & address of agent to receive correspondence and notices SAME

(MAILING ADDRESS) (CITY) (STATE) (ZIP) Phone:

4. Use to which the water will be applied:

- ☒ Domestic: Use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totaling one acre or less. Number of houses served? 1.
- ☐ Stock Watering: Normal livestock use at four tanks or less within one mile of well or spring. Stockwatering pipelines and commercial feedlots are a miscellaneous use. Number of stock tanks? .
- ☐ Irrigation: Watering of commercially grown crops (large-scale lawn watering of golf courses, cemeteries, recreation areas, etc., is miscellaneous use).
- ☐ Municipal: Use of water in incorporated Towns and Cities. Note 1: use of water in unincorporated towns, subdivisions, improvement districts, mobile home parks, etc. is classified as miscellaneous use. Note 2: a permit may be required by the Wyoming Department of Environmental Quality (WDEQ) if the well will be classified as a public water supply under the WDEQ's rules and regulations.
- ☐ Industrial: Long term use of water for the manufacture of a product or production of oil/gas or other minerals (oil field water flood operations, power plant water supply, etc.). (Describe in REMARKS)
- ☐ Miscellaneous: Any use of water not defined under previous definitions such as stock water pipelines, subdivisions, mine dewatering, mineral/oil exploration drilling, potable supplies in office, etc. Describe in Remarks. Note: a permit may be required by the WDEQ if the well will be classified as a public water supply under the WDEQ's rules and regulations.
- ☐ Coalbed Methane Water produced in the production of coal bed methane gas. Note: wells used in the production of coal bed methane will require a permit from the Wyoming Oil and Gas Conservation Commission.
- ☐ Monitor, Observation Note: a WDEQ permit may be required ☐ Test Well: (Describe in REMARKS)

5. Location of the well or spring: (NOTE: Quarter-quarter (40 acre subdivision) MUST be shown. EXAMPLE: SE 1/4 NW 1/4 of Sec. 12, Township 14 North, Range 68 West.)
LARAMIE County, SE 1/4 NW 1/4 of Sec. 21, T. 14 N., R. 70 W. of the 6th P.M. (W.R.M.), Wyoming. If located in a platted subdivision, also provide Lot/Tract 28 Block of the MOUNTAIN MEADOWS Subdivision (or Add'n) of LARAMIE CO. Resurvey Location: Tract (or Lot)

6. Estimated depth of the well or spring is 500 feet. Estimated production interval is ft. to ft.

7. (a) MAXIMUM instantaneous flow of water to be developed and beneficially used: 25 gallons per minute.
NOTE: if for domestic and / or stock use, this application will be processed for a maximum of 25 gallons per minute. For a spring, after approval of this application, some type of artificial diversion or improvement must be constructed to qualify for a water right.

(b) MAXIMUM volumetric quantity of water to be developed and beneficially used per calendar year: 1
Circle appropriate units: (Gallons) (Acre Feet) A four person family utilizes approximately one (1) acre-foot of water per year or 325,000 gallons.

8. Mark the point(s) or area(s) of use in the tabulation box below. Note: Upper row refers to the quarter of the section. Next row refers to quarter of the quarter section.

TABULATION BOX

Per Plat JR

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTAL
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
14	70	21																	

176088 SEE REVERSE SIDE 1279 89

- a. Describe MAXIMUM acreage to be irrigated in each 40 acre subdivision in the tabulation box above.
b. Land will be irrigated from this well only.
c. Land is irrigated from existing water right(s) with water from this well to be additional supply. Describe existing water right(s) under REMARKS.

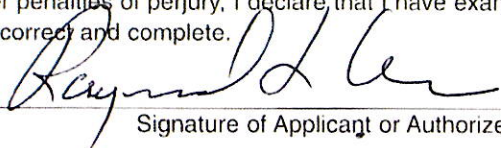
10. If for irrigation use, describe method of irrigation, i.e. center pivot sprinkler, flood, etc.: A

11. The well or spring is to be constructed on lands owned by Applicant
(The granting of a permit does not constitute the granting of right-of-way. If any easement or right-of-way is necessary in connection with this application, it should be understood that the responsibility is the applicant's. A copy of the agreement should accompany this application, if the land is privately owned and the owner is not the co-applicant.)

12. The water is to be used on lands owned by Applicant
(If the landowner is not the applicant, a copy of the agreement relating to the usage of appropriated water on the land should be submitted to this office. If the landowner is included as co-applicant on the application, this procedure need not be followed.) NOTE: Water rights attach to the area(s) and/or point(s) of use.

REMARKS: _____

Under penalties of perjury, I declare, that I have examined this application and to the best of my knowledge and belief it is true, correct and complete.



Signature of Applicant or Authorized Agent

7-20
Date

, 20 06

THE LEGALLY REQUIRED FILING FEE MUST ACCOMPANY THIS APPLICATION

DOMESTIC AND/OR STOCK WATERING USES \$25.00

(Domestic use is defined as use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totalling one acre or less.)

IRRIGATION, MUNICIPAL, INDUSTRIAL, MISCELLANEOUS, COAL BED METHANE \$50.00

MONITOR (For water level measurements or chemical quality sampling) or TEST WELL No Fee

IF WELL WILL SERVE MULTIPLE USES, SUBMIT ONLY ONE (THE HIGHER) FILING FEE.

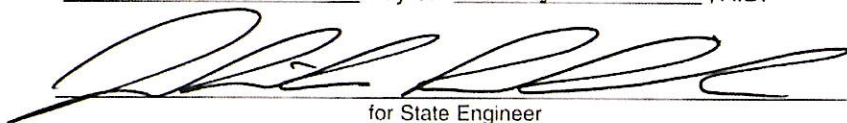
THIS SECTION IS NOT TO BE FILLED IN BY APPLICANT

THE STATE OF WYOMING)
) ss.

STATE ENGINEER'S OFFICE)

This instrument was received and filed for record on the 20th day of July, A.D.
20 06, at 1:47 o'clock P M.

Permit No. U.W. 176088


for State Engineer

THIS IS TO CERTIFY that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions:

This application is approved subject to the condition that the proposed use shall not interfere with any existing rights to ground water from the same source of supply and is subject to regulation and correlation with surface water rights, if the ground and surface waters are interconnected. The use of water hereunder is subject to the further provisions of Chapter 169, Session Laws of Wyoming, 1957, and any subsequent amendments thereto.

Granting of a permit does not guarantee the right to have the water level or artesian pressure in the well maintained at any specific level. The well should be constructed to a depth adequate to allow for the maximum development and beneficial use of ground water in the source of supply.

If the well is a flowing artesian well, it shall be so constructed and equipped that the flow may be shut off when not in use without loss of water into sub-surface formations or at the land surface.

Coal Bed Methane wells have Additional Conditions and Limitations on attachment sheet.

FOR ADDITIONAL CONDITIONS AND LIMITATIONS SEE ATTACHED STATUS SHEET.

Approval of this application may be considered as authorization to proceed with construction of the proposed well or spring. A Statement of Completion will be filed within thirty (30) days of completion of construction, including pump installation.

Completion of construction and completion of the beneficial use of water for the purposes specified in Item 4 of this application will be made by December 31, 20 07.

The amount of appropriation shall be limited to the quantity to which permittee is entitled as determined at time of proof of application of water to beneficial use.

Witness my hand this 28th day of July, A.D. 20 06.


for

PATRICK T. TYRRELL, State Engineer

PERMIT NO. U.W. 176088
T.F. No. U.W. 39-7-177

PERMIT STATUS

Priority Date July 20, 2006

Approval Date JUL 28 2006

ADDITIONAL CONDITIONS AND LIMITATIONS:

1. Production of water from this well shall be limited to either the Lance Formation or the High Plains aquifer. Dual completions in the Lance Formation and the High Plains aquifer will not be allowed and filter (gravel or sand) pack must not extend across the formation boundary. If the well penetrates through the High Plains aquifer into the Lance Formation, the applicant must select one of the following two options:
 - a.) Seal off the Lance Formation by filling that part of the borehole that contacts the Lance Formation with grout, and complete the well only in the High Plains aquifer, thus effectively eliminating water production from the Lance Formation; OR
 - b.) Seal off the High Plains aquifer with blank (non-perforated) casing and grout in the annulus from the top of the Lance Formation to the surface. Cement must be used to grout the annulus through the bottom 10 feet of the High Plains aquifer but bentonite may be used above that interval to the land surface. (See Policy Memo, dated June 27, 2006).
2. The applicant must obtain written consent from the State Engineer prior to perforating or producing any ground water from any geologic formation other than the Lance Formation or the High Plains aquifer.
3. The State Engineer may, upon written request, waive all or any portion of these conditions and limitations.

7/28/2006

Date of Approval

Cheryl Cuyler
for PATRICK T. TYRRELL, State Engineer

SCANNED OCT 1 2007

NOTICE OF EXPIRATION OF TIME FOR COMPLETION
AND/OR COMPLETION OF BENEFICIAL USE MAILED

SEP 28 '07

November 14, 2007 - Statement of Completion on November 2006 received.
Beneficial use assumed as of date of completion.

SCANNED NOV 10 2014

STATE OF WYOMING
OFFICE OF THE STATE ENGINEER
HERSCHLER BLDG., 4-E
CHEYENNE, WYOMING 82002

(307) 777-6163

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL OR SPRING

NOTE: Do not fold this form. Use typewriter or print neatly with black pen.

PERMIT NO. U.W. 176088 NAME OF WELL/SPRING ABE #3

1. NAME OF OWNER RAYMOND L. ABE

2. ADDRESS 1191 GRANITE SPRINGS Rd.
Please check if address has changed from that shown on permit

City CHEYENNE State WY. Zip Code 82009 Phone No. 307-631-8989

3. USE OF WATER ☒ Domestic ☐ Stock Watering ☐ Irrigation ☐ Municipal ☐ Industrial ☐ Miscellaneous
☐ Monitor or Test ☐ Coal Bed Methane Explain proposed use (Example: One single family dwelling)

ONE SINGLE FAMILY DWELLING

4. ☒ LOCATION OF WELL/SPRING SE 1/4 NW 1/4 of Section 21 T. 14 N. R. 7D W., of the 6th P.M. (or W.R.M.)

GPS Coordinates UTM Zone 13 Easting _____ Northing _____

Subdivision Name MOUNTAIN MEADOWS Lot 28 Block _____

If surveyed, bearing, distance and reference point

Longitude (degrees, minutes, seconds) 105° 14' 33.2" Latitude (degrees, minutes, seconds) 41° 10' 05.2"

Datum ☐ 1927 ☒ 1983 Source: ☒ GPS ☐ Map ☐ Survey

5. TYPE OF CONSTRUCTION ☒ Drilled ROTARY COMBINATION ☐ Dug ☐ Driven ☐ Other

(Type of rig, and fluid used, if any)
Describe _____

6. ☒ CONSTRUCTION Total depth of well/spring 500 ft.

☒ Depth of static water level 135 ft. (below land surface) Casing height 2 ft. above ground

a. Diameter of borehole (bit size) 6 inches

b. Casing schedule ☒ New ☐ Used Joint type ☐ Threaded ☒ Glued ☐ Welded SCH. 80

4" diameter from 0 ft. to 500 ft. Material PVC Gage SAR-17

_____ diameter from _____ ft. to _____ ft. Material _____ Gage _____

c. Cemented/grouted interval, from _____ ft. to _____ ft.

Amount of cement/grout used _____ type _____

(example: 10 sacks)

(example: bentonite pellets)

d. Type of completion ☒ Factory screen ☐ Open hole ☐ Customized perforations

Type of perforator used FACTORY

Size of perforations 0.032 inches by 3.00 inches.

Number of perforations and depths where perforated

☒ _____ perforations from 460 ft. to 500 ft.

_____ perforations from _____ ft. to _____ ft.

Open hole from _____ ft. to _____ ft.

Well screen details

Diameter _____ slot size _____ set from _____ ft. to _____ ft.

Diameter _____ slot size _____ set from _____ ft. to _____ ft.

e. Well development method _____ How long was well developed? _____

f. Was a filter/gravel pack installed? ☒ Yes ☐ No Size of sand/gravel _____

Filter/gravel pack installed from _____ ft. to _____ ft.

g. Was surface casing used? ☒ Yes ☐ No Was it cemented in place? ☒ Yes ☐ No

Surface casing installed from _____ ft. to _____ ft.

7. NAME AND ADDRESS OF DRILLING COMPANY INGRAM DRILLING, ESTES PARK, CO.

8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) Ingram Drilling drilled

9. PUMP INFORMATION Manufacturer GRUNDFOS Type SUBMERGABLE McGady Completed - 11-06

Source of power ELECTRIC Horsepower 1 1/2 * Depth of pump setting or intake 480 ft.

* Amount of water being pumped 1 3/4 gal./min. (For springs or flowing wells, see item 10)

Total volumetric quantity used per calendar year. 1 AF 142 PROUTY

10. FLOWING WELL OR SPRING (Owner is responsible for control of flowing well)

If artesian flow or spring, yield is _____ gal./min. Surface pressure is _____ lb./sq.inch, or _____ feet of water.

The flow is controlled by: ☐ Valve ☐ Cap ☐ Plug

Does well leak around casing? ☐ Yes ☒ No

Permit No. U.W. 176088 Book No. 1279 Page No. 89

SEE REVERSE SIDE

- ### DRILL CUTTINGS DESCRIPTION

[illegible]

- Does a chemical and/or bacteriological water quality analysis accompany this form? ☐ Yes ☐ No
- It is recommended that chemical and bacteriologic water quality analyses be performed and that the report(s) be filed with the records of this well (contact Department of Agriculture, Analytical Lab Services, Laramie, 742-2984).
- If not, do you consider the water as ☐ Good ☐ Acceptable ☐ Poor ☐ Unusable

REMARKS

This was not reviewed 2-23-2012

Under penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, correct, and complete.

* Raymond A. [Signature] Signature of Owner or Authorized Agent 11-14, 2007 Date

FOR STATE ENGINEER'S USE ONLY

Permit No. U.W. 176088

Date of Receipt NOV 14 2007, 20

Date of Priority July 20, 2006, 20

Date of Approval February 23, 2012


 for State Engineer