

8:30

STATE OF WYOMING
OFFICE OF THE STATE ENGINEER
BARRETT BUILDING
CHEYENNE, WYOMING 82002

APPLICATION FOR PERMIT TO APPROPRIATE GROUND WATER

FOR OFFICE USE ONLY

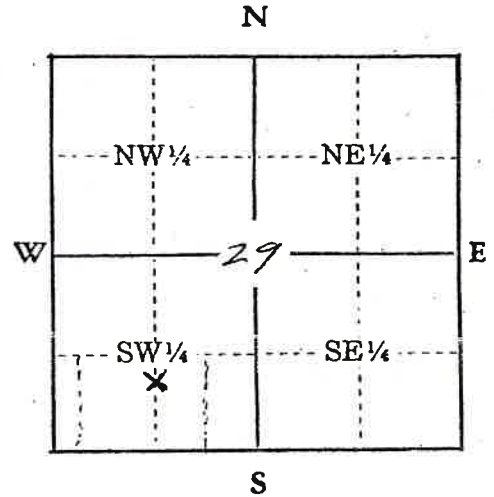
PERMIT NO. U.W. 47312
WATER DIVISION NO. 1 DISTRICT 4
U.W. DISTRICT Wheatland Flats Dist.

Temporary Filing No. U.W. 13-3-296

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 Archbold #1

- Name of applicant(s) Terry Archbold Phone: 322-4967
- Address of applicant(s) 2253 W. 22ST #88, WHEATLAND, Wyoming Zip: 82201
- Name & address of agent to receive correspondence and notices Terry Archbold
2253 W 22ST #88, WHEATLAND, Wyoming, 82201
- Use to which the water will be applied: Irrigation [] Municipal [] Industrial [] Stock Watering []
Domestic Miscellaneous [] (Describe completely and accurately) one single family dwelling as per letter 4/25/79 mcf
- Location of the well: (NOTE: Quarter-quarter (40-acre subdivision) MUST be shown. EXAMPLE: SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 12, Township 14 North, Range 68 West.)
PLATTE County, SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 29, T. 25 N., R. 68 W. of the 6th P.M. (or W.R.M.), Wyoming. If located in a platted subdivision, also provide Lot _____, Block _____ of the _____ Subdivision (or Add'n) of _____.
- Mark the well location on the section grid to the right. LOCATION SHOWN IN ITEM 5 MUST AGREE WITH GRID. If the proposed well is for irrigation use, sketch and label all irrigation ditches and canals, stream, reservoirs and other wells. Indicate the point of use or lands to be irrigated from other sources.
- Estimated depth of the well is 100 feet.
- MAXIMUM quantity of water to be developed and beneficially used: 25 gallons per minute. NOTE: If for domestic or stock use, this application will be processed for a maximum of 25 gallons per minute. SPRINGS: Only springs flowing 25 gallons per minute or less, where the proposed use is domestic or stockwatering, will be considered as ground water appropriations. After approval of this application, some type of artificial diversion must be constructed to qualify for a water right.
- If use is not irrigation, mark the point(s) or area(s) of use in the tabulation below.
- If for irrigation use:
 - Describe MAXIMUM acreage to be irrigated in each 40 acre subdivision in the tabulation below.
 - Land will be irrigated from this well only.
 - Land is irrigated from existing water right(s) with water from this well to be additional supply. Describe existing water right(s) under REMARKS.



Scale: 2" = 1 mile

Above diagram represents one full section. Locate well accurately in small square representing 40 ac.

Township	Range	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				TOTALS
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
25N	68W	29											✓						point of use
													as per letter						
													4/25/79 mcf						

11. If for irrigation use, describe method of irrigation, i.e. center pivot sprinkler, flood, etc. _____

12. The well is to be constructed on lands owned by Terry Archbold
 (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 a co-applicant.)
13. The water is to be used on lands owned by Terry Archbold
 (If landowner is not the applicant, a copy of the agreement relating to usage of appropriated water on the land should be submitted to this office. If the landowner is included as a co-applicant on the application, this procedure need not be followed.)

REMARKS: _____

THE LEGALLY REQUIRED FILING FEE MUST ACCOMPANY THIS APPLICATION

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.

Terry Archbold
 Signature of Applicant or Authorized Agent

4/11, 1979
 Date

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 12th day of April, A. D. 1979, at 8:30 o'clock A M.

Permit No. U.W. 47312

[Signature]
 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 surface formations or at the surface.

Approval of this application may be considered as authorization to proceed with construction of the proposed well.
 Construction of well will begin within one (1) year from date of approval. 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, 1980.

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 26th day of April, A.D. 1979

[Signature]
 State Engineer
 for

HYDROTECH

Box 796

Gering, Nebr.

Test Hole Log

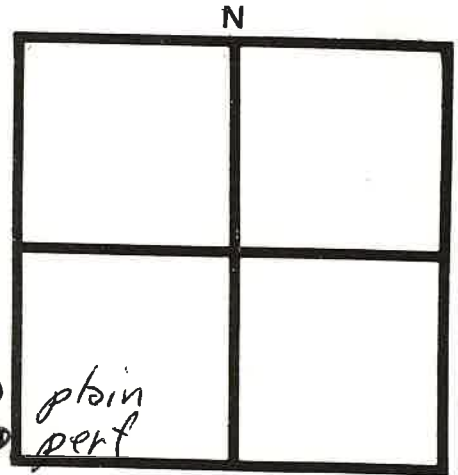
Name: Terry Archbold
 Address: Wheatland, Wyo
 Phone: 322-4967

Directions To Location:
 (Test Hole No.) Domestic

1/4 of Sec. Twp. Range

Well Diameter: 8" bore hole 5" casing
 SWL: 45' PWL-15 @ PM @ 60'

Date: 1-20-79
 Logged By: Gary K. Matlock



0-80 plain
 80-100 perf
 100-123 plain
 123-129 perf
 129-132 plain
 132-140 perf

set pump at - 105'

Depth	Formation
0-1	top soil
1-3	clay
3-7	gravel cobbles
7-9	clay
9-20	sandy clay sandstone
20-27	clay heavy
27-46	sandy clay sandstone
46-	Ledge
46-59	sandstone - layers firm clay
59-60	Ledge - HARD
60-64	sandstone - fine sand
64-68	layers sandstone
68-80	sandstone - clay
80-86	sandstone
86-89	ledges - clay - hard
89-97	sandstone - trace of clay
97-98	Ledge
98-103	sandstone - clean
103-106	sandstone - clay
106-109	clay - ledges
109-110	sandstone
110-112	Ledge
112-123	sandstone - silty clay

very little return
 20% return
 (severe areas)
 chatter rocklets

