

STATE OF WYOMING

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

FORM U.W. 5
Rev. 7/03
FILING FEE SCHEDULE
ON REVERSE SIDE

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 for stock watering, will be considered as ground water appropriations.

FOR OFFICE USE ONLY

Temporary Filing No. U.W. 37-9-98

PERMIT NO. U.W. 163591
WATER DIVISION NO. 1 DISTRICT 1
U.W. DISTRICT Laramie Co. Control Area (3)

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 HIXSON #1

1. Name of applicant(s) Ryan & Nicki Hixson Phone: 772-0120

2. Address of applicant(s) 3825 Antelope meadows, Hillsdale WY 82060
(MAILING ADDRESS) (CITY) (STATE) (ZIP) *per U.W. 6*

3. Name & address of agent to receive correspondence and notices L. EVERETT CONST CO., INC
7509 EVERS BLVD. Cheyenne WY 82009 Phone: 630-0579
(MAILING ADDRESS) (CITY) (STATE) (ZIP)

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 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 SW 1/4 of Sec. 25, T. 14 N., R. 64 W. of the 6th P.M. (W.R.M.), Wyoming. If located in a platted subdivision, also provide Lot/Tract 44 Block of the Antelope meadows Subdivision (or Add'n) of Laramie CO. Resurvey Location: Tract 44, (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: 325,000
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.

TABULATION BOX																			
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	64	25																	
<i>Per plat 3R</i>																			

PERMIT NO U.W. 163591

Priority Date: November 8, 2004 Approval Date: November 9, 2004

March 1, 2005 - Statement of Completion on February 10, 2005 received.
Beneficial use assumed as of date of completion.

SCANNED OCT 1 2007

FORM U.W.6
Rev. 12/2002

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
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CHEYENNE, WYOMING 82002
(307) 777-6163

SCANNED OCT 1 2007

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL OR SPRING

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PERMIT NO. U.W. 163591 NAME OF WELL (SPRING) HIKSON #1

1. NAME OF OWNER RYAN & NICKI HIKSON

2. ADDRESS 3825 Antelope Meadows

City Wetzel State Wyo Zip Code 82009 Phone No. _____

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) _____

4. LOCATION OF WELL (SPRING): SE 1/4 SW 1/4 of Section 28 T. 14 N., R. 64 W., of the 6th P.M. (or W.R.M.)
Subdivision Name Antelope Meadows Tract Lot 44 Block _____

If surveyed, bearing, distance and reference point: _____
Longitude (degrees, minutes, seconds) _____ Latitude (degrees, minutes, seconds) _____
Datum: 1927 1983 Source: GPS Map Survey

5. TYPE OF CONSTRUCTION: DRILLED Ac mud Rotary Dug Driven Other
(type of rig, and fluid used if any)
Describe: _____

6. CONSTRUCTION: Total Depth of Well/Spring 300 ft.
Depth to Static Water Level 132 ft. (Below land surface) Casing Height above ground (ft.) 2'

a. Diameter of borehole (Bit size) 8 3/4 inches.

b. Casing Schedule: New Used Joint type: threaded glued welded
5" diameter from 0 ft. to 300 ft. Material PVC-200PSI Gage SDR-21
_____ diameter from _____ ft. to _____ ft. Material _____ Gage _____

c. Grouted interval, from _____ ft. to _____ ft.
Amount of grout used: N/A type: _____
(example: 10 sacks) (example: bentonite pellets)

d. Type of completion: factory screen open hole customized perforations
Perforation: Type of perforator used factory slot
Size of perforations .032 inches by 3 inches.
Number of perforations and depths where perforated:
5280 perforations from 220 ft. to 280 ft.
_____ perforations from _____ ft. to _____ ft.
Open hole from N/A ft. to _____ ft.



Well screen details:
Diameter _____ slot size: _____ set from _____ ft. to _____ ft.
Diameter N/A slot size: _____ set from _____ ft. to _____ ft.

e. Well development method Air How long did development last? 20

f. Was a filter pack installed? Yes No Size of sand/gravel 1/4"
Filter pack installed from 300 ft. to 40 ft.

g. Was surface casing used: Yes No Was it cemented in place? Yes No
Surface casing installed from N/A ft. to _____ ft.

7. NAME AND ADDRESS OF DRILLING COMPANY K.E Taylor Drilling Inc. Douglas Wyo 82633

8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) 2-10-05

9. PUMP INFORMATION: Manufacturer Gould Type Submersible
Source of power Electric Horsepower 1 1/2 Depth of Pump Setting or intake 260 ft.
Amount of Water Being Pumped 12 Gallons Per Minute. (For Springs or flowing wells, see item 10.)
Total Volumetric Amount Used Per Calendar Year. 1

10. FLOWING WELL OR SPRING (Owner is responsible for control of flowing well).
If well yields artesian flow or if 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

11. If spring, how was it constructed? (Some method of artificial diversion, i.e., spring box, cribbing, etc., is necessary to qualify for a water right.)

12 PUMP TEST: Was a pump test made? Yes No
If so, by whom Duller B.L.
Yield: 50+ gal./min. with _____ foot drawdown after _____ hours.
Yield: _____ gal./min. with _____ foot drawdown after _____ hours.

13. LOG OF WELL: Total depth drilled 300 feet.
Depth of completed well 300 feet. Diameter of well 8 3/4 inches.
Depth to first water bearing formation 120 feet.
Depth to principal water bearing formation. Top 120 feet to Bottom 290 feet.

Land surface elevation (ft. above mean sea level) _____ Datum: 1929 1988
How determined: map altimeter survey other

DRILL CUTTINGS DESCRIPTION:

Table with 6 columns: From Feet, To Feet, Material Type, Texture, Color, Remarks (Cementing, Shutoff), Indicate Water Bearing Formation & Name, Indicate Perforated Casing Location. Rows include top soil, decomposed granite, gravel, brown clay, coarse brown sand, fine brown sand, and brown shale.

14. QUALITY OF WATER INFORMATION:
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: _____

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.

Signature of Owner or Authorized Agent _____ Date 3-1-05, 2005

FOR STATE ENGINEER'S USE ONLY

Permit No. U.W. 163591
Date of Receipt MAR 01 2005, 20 _____
Date of Priority 11/8/2004, 20 _____

Date of Approval August 1, 2005
Scott L. King
for State Engineer