FORM U.W.6
Rev. 12/2002

STATE OF WYOMING

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

SCANNED JUN 19 2014
MICRO FILMED JUN 14 2004

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL OR SPRING

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

PERMIT NO. U.W. 145156 NAME OF WELL (SPRING) Young #2

1. NAME OF OWNER Don M Young
2. ADDRESS 41 Airport Road
   Please check if address has changed from that shown on permit. ☐
   City Buffalo State Wy Zip Code 82834 Phone No. 307-684-9375
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) Water For Mountain Cabin
4. LOCATION OF WELL (SPRING): NE 1/4 NW 1/4 of Section 18, T. 48 N., R. 83 W., of the 6th P.M. (or W.R.M.)
   Subdivision Name _____ Lot _____ 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 ☒ air hammer (type of rig, and fluid used if any) Dug ☐ Driven ☐ Other ☐
   Describe: _____
6. CONSTRUCTION: Total Depth of Well/Spring 810 ft.
   Depth to Static Water Level 205 ft. (Below land surface) Casing Height above ground (ft.) 2
   a. Diameter of borehole (Bit size) 5" inches.
   b Casing Schedule: New ☒ Used ☐ Joint type: ☒ threaded ☒ glued ☐ welded
   4½ diameter from 0 ft. to 395 ft. Material PVC Gage _____
   4 diameter from 395 ft. to 700 ft. Material Steel Gage _____
   c. Grouted interval, from 20 ft. to 35 ft.
   Amount of grout used: 5 sacks (example: 10 sacks) type: bentonite pellets (example: bentonite pellets)
   d. Type of completion: ☐ factory screen ☐ open hole ☒ customized perforations
   Perforation: Type of perforator used 4" STEEL CASING, 1/4" DRILLED HOLES, 1 PER FOOT
   Size of perforations _____ inches by _____ inches. 110 PERFS
   Number of perforations and depths where perforated:
   110 perforations from 700 ft. to 810 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 did development last? _____
   f. Was a filter pack installed? Yes ☐ No ☒ Size of sand/gravel _____
   Filter 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.

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7. NAME AND ADDRESS OF DRILLING COMPANY Ruby Drilling Co. Gillette WY 82717 0339
8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) 6-23-02
9. PUMP INFORMATION: Manufacturer STA-RITE 15P4 Type Submersible
   Source of power ELECTRIC Horsepower 1½ Depth of Pump Setting or intake 600 ft.
   Amount of Water Being Pumped 810 Gallons Per Minute. (For Springs or flowing wells, see item 10.)
   Total Volumetric Amount Used Per Calendar Year. _____
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 ☐

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SEE REVERSE SIDE

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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 [X] No [ ]
If so, by whom RUBY DRILLING CO.
Yield: 8-10 gal./min. with _____ foot drawdown after _____ hours.
Yield: _____ gal./min. with _____ foot drawdown after _____ hours.

13. LOG OF WELL: Total depth drilled 810 feet.
Depth of completed well 810 feet. Diameter of well 4" inches.
Depth to first water bearing formation _____ feet.
Depth to principal water bearing formation. Top 720 feet to Bottom 810 feet.

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

DRILL CUTTINGS DESCRIPTION:

From Feet	To Feet	Material Type, Texture Color	Remarks (Cementing, Shutoff)	Indicate Water Bearing Formation & Name	Indicate Perforated Casing Location
		SEE ATTACHED LOG OF WELL			

14. QUALITY OF WATER INFORMATION:
Does a chemical and/or bacteriological water quality analysis accompany this form? Yes [ ] No [X]
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 [X] 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.

Don Young
Signature of Owner or Authorized Agent

11-5, 2003
Date

FOR STATE ENGINEER'S USE ONLY

Permit No. U.W. 145156

Date of Receipt NOV 07 2003, 20____

Date of Priority June 5, 2002
per WWSA

Date of Approval April 12, 2004

Sheryl Hett
for State Engineer

ATTACHMENT SHEET FOR REQUEST OF COMPLETION
PERMIT No. U.W. 145156

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RUBY DRILLING CO.

2901 4J RD
P.O. BOX 339
GILLETTE, WYOMING 82717-0339

PHONE 307-682-5343
FAX 307-687-7155

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LOG OF WELL

DON [illegible] YOUNG Water Well Johnson County
June 23, 2002

0	-	5	Broken-up Rock
5	-	140	Tan & Pink Limestone
140	-	150	Red Limestone
150	-	160	White Sandstone
160	-	200	Gray & White Limestone
200	-	280	Red, Purple & Gray Limestone
280	-	305	Gray Clay & Shale
305	-	340	Gray Shale w/ Green Layers
340	-	500	Gray & Tan Rock
500	-	560	Gray & Broken-up Shale
560	-	600	Gray Sand
600	-	640	Gray & Green Rock
640	-	700	Gray, Green & Black Shale
700	-	720	Rust colored Granite
720	-	810	Rust & Black Granite w/ Gray Shale

Drilled 6 1/2" borehole 0 - 400 ft.
Drilled 5" borehole 400 - 810 ft.
Casing 5" PVC SCH80 SDR17 0 - 20 ft.
Casing 4 1/2" PVC SCH80 SDR17 20 - 395 ft.
4" Liner set at 395 ft.
Casing 4" Steel 395 - 700 ft.
Perforated 4" Steel casing, 1/4" drilled holes, 1 per foot, 110 perfs
Bentonite seal at 20 ft.
1 1/2HP Sta-Rite L5P4 Pump & Motor complete set at 600 ft.
Static Water Level 205 ft.
Air Lift 5 - 6 GPM
Pump tested 8 - 10 GPM