FORM U.W.6
Rev. 2/07

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

SCANNED DEC 12 2014

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

PERMIT NO. U.W. **181244** NAME OF WELL/SPRING **JARVIS #1**

1. NAME OF OWNER **RICHARD JARVIS**

2. ADDRESS 187 E Fouts St
☐ Please check if address has changed from that shown on permit.
City Buffalo State Wy Zip Code 82834 Phone No. 620-1190

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) 1 Single Family Dwelling

4. LOCATION OF WELL/SPRING ~~SW~~ NW (per gps .....) 1/4 SE 1/4 of Section 9, T. 49 N., R 81 W., of the 6th P.M. (or W.R.M.)
Subdivision Name Hackunt Lot 3 Block
Resurvey Location Tract ______ or Lot ______ Datum ☐ NAD27 ☐ NAD83
Geographic Coordinates: Latitude 44° 13.752' N Longitude 106° 36.406' W (degrees, minutes, seconds)
UTM: Zone ______ Northing ______ Easting ______ (meters)
State Plane Coordinates: Zone ______ Northing ______ Easting ______ (Feet)
Land surface elevation (ft. above mean sea level) 4935 Datum ☐ NAVD29 ☐ NAVD88
Source ☒ GPS ☐ Map ☐ Survey ☐ Unknown ☐ Other ☐ Altimeter (for elevation only)

5. TYPE OF CONSTRUCTION ☒ Drilled Forward Rotary ☐ Dug ☐ Driven ☐ Other
(type of rig, and fluid used, if any)
Describe Drilled w/Air Water + Foam Injection

6. CONSTRUCTION Total depth of well/spring 160 ft.
Depth to static water level 72 ft. (below land surface) Casing height 2 ft. above ground
a. Diameter of borehole (bit size) 8 3/4 inches
b. Casing schedule ☐ New ☐ Used Joint type ☐ Threaded ☒ Glued ☐ Welded
5 1/2" diameter from +2 ft. to 160 ft. Material PVC Gage SDR-21
______ diameter from ______ ft. to ______ ft. Material ______ Gage ______
c. Cemented/grouted interval, from 95 ft. to 110 ft. and Pitless to 20 ft.
Amount of grout used 23 sacks type 3/8" Hole Plug
(example: 10 sacks) (example: bentonite pellets)
d. Type of completion ☐ Customized perforations ☐ Open hole ☒ Factory screen
Type of perforator used NA
Size of perforations ______ inches by ______ inches
Number of perforations and depths where perforated
______ perforations from ______ ft. to ______ ft.
______ perforations from ______ ft. to ______ ft.
Open hole from ______ ft. to ______ ft.
Well screen details
Diameter 5 1/2" slot size .025" set from 120 ft. to 140 ft.
Diameter ______ slot size ______ set from ______ ft. to ______ ft.
e. Well development method Airlift + Pumping How long was well developed? 5 Hrs
f. Was a filter/gravel pack installed? ☒ Yes ☐ No Size of sand/gravel 1/4" washed + Chlorinated
Filter pack/gravel installed from 110 ft. to 160 ft.
g. Was surface casing used? ☐ Yes ☐ No Was it cemented in place? ☐ Yes ☒ No
Surface casing installed from ______ ft. to ______ ft.

RECEIVED AUG 27 2007 STATE ENGINEERS CHEYENNE, WYOMING

7. NAME AND ADDRESS OF DRILLING COMPANY Verplancke Drilling Co / PO Box 1294 Buffalo Wy 82834

8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) 7-25-07

9. PUMP INFORMATION Manufacturer Franklin (Jacuzzi) Type Sub
Source of power Public Util Horsepower 1/2 Depth of pump setting or intake 148 ft.
Amount of water being pumped 5 gal./min.* (For springs or flowing wells, see item 10)
Total volumetric quantity used per calendar year.* 1 acre ft

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
*If these amounts exceed permitted amount an enlargement is required.

Permit No. U.W. **181244** Book No. **1313** Page No. **144**

SEE REVERSE SIDE

11. IF SPRING, HOW WAS IT CONSTRUCTED? (Some method of artificial diversion, i.e., springbox, cribbing, etc., is necessary to qualify for a water right) NA

12. PUMP TEST Was a pump test conducted? ☒ Yes ☐ No
If so, by whom Verplank Re Drilling Co
Yield 5 gal./min. with [redacted]67 ft. drawdown after 4 hours
Yield _____ gal./min. with _____ ft. drawdown after _____ hours

13. LOG OF WELL Total depth drilled 220 ft.
Depth of completed well 160 ft. Diameter of well _____ inches.
Depth to first water bearing formation [redacted]60 ft.
Depth to principal water bearing formation Top 126 ft. to bottom 135 ft.

DRILL CUTTINGS DESCRIPTION: ~~Please Refer to Attachment Sheet~~

From Feet	To Feet	Rock Type Or Description	Formation	Water Bearing? (Yes or no)
Surface	5	Gravel		
5	16	Brown Sand		
16	25	Brown & Grey Shale		
25	35	Sand		
35	53	Interm. Hen Shale & Coal		
53	80	Wet Grey Sand (Not Enough Water to Measure)		X
80	85	Shale		
85	89	Coal		
89	108	Silty Sand		
108	126	Shale		
126	135	Silty Sand "Water" (Wet Air Lift 4.3 GPM)		X
135	170	Shale w/ thin Sand Layers		
170	173	Coal		
173	200	Shale w/ thin Sand Layers		
200	220	Shale w/ thin Sand & Coal Layers		

14. DOES A GEOPHYSICAL LOG ACCOMPANY THIS FORM? ☐ Yes ☒ No

15. 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 quality of water as ☒ Good ☐ Acceptable ☐ Poor ☐ Unusable

REMARKS Customer May Elect To Install a Cistern System Before Satisfactory Water System can Be Had

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

7-25, 2007
Date

FOR STATE ENGINEER'S USE ONLY

Permit No. U.W. 181244
Date of Receipt AUG 27 2007
Date of Priority 4/30/2007

Date of Approval January 30, 2012
Benjamin Deutsch
for State Engineer