

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

DESC 60190
2/23/2015

WELL I.D. LABEL# L 112240
START CARD # 1025324
ORIGINAL LOG # DESCHUTES 59906

(1) LAND OWNER
Owner Well I.D.
First Name Last Name
Company BLACK BUTTE RANCH UTILITIES
Address P.O. BOX 8000
City SISTERS State OR Zip 97759

(2) TYPE OF WORK
New Well Deepening Conversion
Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stl Plstc Wld Thrd
Casing:
Material From To Amt sacks/lbs
Seal:

(3) DRILL METHOD
Rotary Air Rotary Mud Cable Auger Cable Mud
Reverse Rotary Other

(4) PROPOSED USE
Domestic Irrigation Community
Industrial/ Commercial Livestock Dewatering
Thermal Injection Other

(5) BORE HOLE CONSTRUCTION
Special Standard (Attach copy)
Depth of Completed Well 362.00 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, lbs, Sacks/lbs. Rows include Bentonite Chips and Cement.

How was seal placed: Method A B C D E
Other

Backfill placed from 302 ft. to 305 ft. Material BENTONITE PELLE

Filter pack from 303 ft. to 359 ft. Material GRAVEL Size pea gravel

Explosives used: Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
Shoe Inside Outside Other Location of shoe(s)
Temp casing Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Wire wrap Material Type 304 Stainless
Perf/ Casing/ Screen Scrn/slot Slot # of Tel/
Screen Liner Dia From To width length slots pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 49 °F Lab analysis Yes By
Water quality concerns? Yes (describe below) TDS amount
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County DESCHUTES Twp 14.00 S N/S Range 9.00 E E/W WM
Sec 16 SE 1/4 of the NE 1/4 Tax Lot 4800
Tax Map Number Lot
Lat " or 44.35970500 DMS or DD
Long " or -121.66037100 DMS or DD
Street address of well Nearest address

16511 HAWKS BEARD, SISTERS, OR 97759

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration 1/5/2015 254
Completed Well 2/17/2015 254
Flowing Artesian? Dry Hole?

Table: WATER BEARING ZONES. Columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Rows show data for 1/19/2015 and 2/20/2015.

(11) WELL LOG
Ground Elevation 3383.00
Material From To
Fine Silt and Forest Debris 0 3
Gravels and Sandy Loam 3 13
Hard Gray Basalt 13 25
Broken Brown & Gray Basalt 25 78
Gray Basalt 78 90
Brown Broken Basalt 90 100
Hard Gray Basalt 100 120
Red & Brown Volcanics 120 145
Fractured Gray Basalt 145 165
Red & Brown Volcanics & Basalt 165 195
Hard Gray Basalt 195 250
Brown Sandstone 250 275
Medium Gray Basalt 275 300
Hard Gray Basalt 300 313
Cinders & Broken Basalt 313 325
Finer Sandy Gravel & Volcanics 325 332
Volcanic Interbeds with Sand 332 359
Fractured Gray Basalt 359 362

Date Started 1/5/2015 Completed 2/17/2015

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number Date
Signed

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
License Number 1385 Date 2/23/2015
Signed ROBERT BUCKNER (E-filed)
Contact Info (optional) Robert Buckner 541-408-5548



GEOTECHNICAL HOLE REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

DESC 60190


2/23/2015

Map of Hole

**STATE OF OREGON  
WELL LOCATION MAP**

This map is supplemental to the WATER SUPPLY WELL REPORT

**Oregon Water Resources Department**  
725 Summer St NE, Salem OR 97301  
(503)986-0900



**LOCATION OF WELL**  
Latitude: 44.359705 Datum: WGS84  
Longitude: -121.660371  
Township/Range/Section/Quarter-Quarter Section:  
WM 14S 9E 16 SENE  
Address of Well:  
16511 Hawks Beard, Sisters, OR 97759

**Well Label: 112240**  
**Printed: February 23, 2015**

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.  
Provided by well constructor

