

WATER WELL REPORT

HARNEY 51738 ON

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date of well completion.

(Please type or print)

(Do not write above this line)

State Well No. _____

State Permit No. _____

(1) OWNER:

Name JACK Smith
Address BUCHANAN, ORE

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
12" Diam. from Plus 1 ft. to 67 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used _____
Size of perforations in. by in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?
Yield: 1800 gal./min. with 50 ft. drawdown after _____ hrs.
" " " " " "
" " " " " "
Baller test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used BENTONITE
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 15 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal _____ sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of bentonite BULK
Number of pounds of bentonite per 100 gallons of water _____ lbs./100 gals.
Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County HARNEY Driller's well number _____
NE 1/4 Section 35 T. 22 R. 32 1/2 W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 189 ft.
Static level 10 ft. below land surface. Date _____
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12
Depth drilled 200 ft. Depth of completed well 200 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
TOP SOIL	0	2	10
SILT with med SAND + GRAVEL BROWN	2	45	
CLAY BROWN + GREEN SOFT	45	58	
CLAY BROWN + GREEN HARD	58	85	
Pumice with STREAKS OF GRAY LAY	85	105	
CLAY GREEN HARD	105	150	
CLAYSTONE DARK	150	189	
STREAKS OF SANDSTONE + CLAYSTONE WATER BEARING	189	200	

Work started MAY 7 1977 Completed MAY 21 1977
Date well drilling machine moved off of well MAY 21 1977

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Frank F. Hines Date 19 77
(Drilling Machine Operator)
Drilling Machine Operator's License No. 276

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Muffley Cont Gen Cont
(Person, firm or corporation) (Type or print)
Address Rainier Hill Ore
[Signed] Paul H. Higgins (Water Well Contractor)
Contractor's License No. 4 Date 8-18, 1977

HARN 51738

For Official Use Only by The Oregon Water Resources Department: **RECEIVED BY OWRD**

Received Date: 8-14-13 County Well Log ID # HARN 51738 Well Identification Tag # L-95149 AUG 14 2013
SALEM, OR

APPLICATION FOR WELL IDENTIFICATION TAG

WELL ID tag
ATTACHED BY
JR JOHNSON

LANDOWNER INFORMATION

Name: JACK SMITH RANCH
Mailing Address: SMITH RANCH, COW CREEK RD.
City: BURNS State: OREGON Zip: 97720
Return Well Tag to (if different than mailing address): _____

WELL LOCATION INFORMATION

County: HARNEY Township: 22 North South (circle one) Range: 32 1/2 East or West (circle one),
Section: 35 1/4 _____ 1/4 Tax Lot #: _____
Street Address of Well (if different than mailing address): _____

N 43 37.300 W -118 44.577

WELL INFORMATION (Do Not Complete If Well Report is Attached)

Type of Well (i.e. domestic, irrigation, etc): _____ Date Well Constructed: _____
Well Constructor/Company: _____
Well Depth (in feet): _____ Diameter of Well Casing (in inches): _____
Landowner Who Had Well Constructed or Previous Owner at the Time Well was Constructed (if known): _____

Other Information: _____