

HARN 51448

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Owners well #9

WELL I.D. # L 93552
START CARD # 197372

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number _____
Name PATTENNAKE CR LAND & CATTLE CO
Address 524 HWY 20 N.
City HINES State OR Zip 97138

(2) TYPE OF WORK New Well
 Deepening Alteration (repair/recondition) Abandonment Conversion

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

(4) PROPOSED USE
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
Depth of Completed Well 200 ft.
Explosives used: Yes No Type _____ Amount _____

BORE HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or Pounds
20"	0'	20'	BENTONITE	0	20	56
16"	20'	92'				
14"	92'	200'				

How was seal placed: Method A B C D E
 Other POURED DRY
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER
Diameter From To Gauge Steel Plastic Welded Threaded
Casing: 14" #2 92' 250
Liner: _____
Drive Shoe used Inside Outside None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS
 Perforations Method _____
 Screens Type _____ Material _____
From To Slot Number Diameter Tele/pipe Casing Liner
Size size size

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian
Yield gal/min 400+ Drawdown 10' Drill stem at _____ Time 2 h.

Temperature of water 63° Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Gelatin Other _____
Depth of strata: _____

(9) LOCATION OF WELL (legal description)
County HARNEY
Tax Lot 3100 Lot _____
Township 25 N of S Range 30 E or W WM
Section 33 SW 1/4 SE 1/4

Lat _____ " or _____ (degrees or decimal)
Long _____ " or _____ (degrees or decimal)
Street Address of Well (or nearest address) WEAVER SPRINGS RD
END OF PAVEMENT

(10) STATIC WATER LEVEL
86 ft. below land surface. Date 5-02-08
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES
Depth at which water was first found 107

From	To	Estimated Flow Rate	SWL'
107	182	4000+	86'

(12) WELL LOG Ground Elevation _____

Material	From	To	SWL
TOPSOIL	0	3	
BROWN CLAY	3	12	
SOFT BLACK LOAM	12	46	
SOFT RED LOAM	46	107	
FRACT. BAN. BASALT	107	148	86'
FRACT. YELLOW SANDSTONE	148	164	86'
" BROWN SANDSTONE	164	182	86'
BROWN SANDSTONE	182	200	

Date Started 4-24-08 Completed 5-01-08

(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.

WWC Number 1739 Date 5-02-08
Signed Cherry Jeff

(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.

WWC Number 1355 Date 5-02-08
Signed Arthur J. Jay

STATE OF OREGON
 WATER SUPPLY WELL REPORT
 (as required by ORS 537.765)

* HARN 51272

OWNERS - Well #7
 8-14

WELL I.D. # L 72702

START CARD # 169131

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Rudy Root Well Number _____
 Name Rudy Root
 Address P.O. Box 946
 City Burns State OR Zip 97720

(2) TYPE OF WORK New Well
 Deepening Alteration (repair/recondition) Abandonment Conversion

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

(4) PROPOSED USE
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
 Depth of Completed Well 375 ft.
 Explosives used: Yes No Type _____ Amount _____

BORE HOLE			SEAL		
Diameter	From	To	Material	From	To
18"	0	44	Bent	0	24
14"	74	240	Cement	0	1 yd
12"	240	375			

How was seal placed: Method A B C D E
 Other Poured
 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 14"	43	77	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
 Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS
 Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
5.50	102	200	4 hr

Temperature of water 60 Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom NO
 Did any strata contain water not suitable for intended use? NO Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL (legal description)
 County Harney
 Tax Lot 2002 Lot _____
 Township 2002 N or S Range 30 E or W WM
 Section 34 SE 1/4 SW 1/4
 Lat _____ " or _____ (degrees or decimal)
 Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) End of Weaver Springs Rd Burns OR 97720

(10) STATIC WATER LEVEL
98 ft. below land surface. Date 4-30-06
 _____ ft. below land surface. Date _____
 Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES

From	To	Estimated Flow Rate	SWL
349	371	500	98

(12) WELL LOG

Material	From	To	SWL
Top Soil	0	3	-
Cluders	3	26	-
Brown Sand	26	35	-
Stove			
Brown Basalt			
W/Clay seams			
Crack	35	349	-
white, brown			
blue pumice	349	371	98
Green clay	371	375	98

Date Started 3-26-06 Completed 4-30-06

(unbonded) Water Well Constructor Certification
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WWC Number _____ Date _____
 Signed _____

RECEIVED

(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.

WWC Number 1521 Date 4-30-06
 Signed Donald H. Reed

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NOV 12 2008

WATER RESOURCES DEPT
 SALEM, OREGON

10723