

Well # 3

HARN 51441

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

04-08-2008

WELL LABEL # L 94480

START CARD # 1002830

(1) LAND OWNER Owner Well I.D.

First Name JOE Last Name WILLIAMS Company Address 70785 OLD EXPERIMENT STATION RD City BURNS State OR Zip 97720

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

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

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

(5) BORE HOLE CONSTRUCTION Special Standard [] (Attach copy)

Table with columns: Dia, From, To, Material, SEAL, Amt, saks/lbs. Row 1: 28, 0, 30, Cement, 0, 30, 46,057, P.

How was seal placed: Method [] A [] B [X] C [] D [] E Backfill placed from 0 ft. to 160 ft. Material gravel Size 3/8 Explosives used: [] Yes Type Amount

(6) CASING/LINER Table with columns: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Includes diagrams of casing and liner types.

(7) PERFORATIONS/SCREENS Perforations Method Screens Type roscoe moss Material stainless steel

Table with columns: Perf/S, Casing/Screen, Liner, Dia, From, To, Scm/slot width, Slot length, # of slots, Tele/pipe size.

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

Table with columns: From, To, Description, Amount, Units. Includes temperature 56 F Lab analysis [] Yes By Water quality concerns? [] Yes (describe below)

(9) LOCATION OF WELL (legal description)

County Harney Twp 23.00 S N/S Range 32.00 E E/W WM Sec 7 SW 1/4 of the NW 1/4 Tax Lot 1300 Tax Map Number Lot Lat 0 0 or DMS or DD Long 0 0 or DMS or DD [] Street address of well [X] Nearest address

70785 OLD EXPERIMENT STATION RD

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft) Existing Well / Predeepening Completed Well 04-02-2008 14 Flowing Artesian? [] Dry Hole? []

WATER BEARING ZONES Depth water was first found 14 Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Row 1: 04-02-2008, 14, 160, 200, 14.

(11) WELL LOG Ground Elevation Material From To topsoil silty loom 0 3 clay tan 3 5 clay yellow 5 12 sand fine blk 12 18 silty sand 18 24 clay grey 24 57 gravel, sand 57 60 clay brn 60 70 sandstone/sand hard 70 87 clay grey sand fine 87 125 clay green 125 150 sand blk 150 200 sandstone 200 208 pumcie sand 208 212 RECEIVED JAN 15 2009 WATER RESOURCES DEPT SALEM, OREGON

Date Started 01-03-2008 Completed 04-02-2008

(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 Electronically Filed 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 1424 Date 04-08-2008 Electronically Filed Signed TIMOTHY K RILEY (E-filed) Contact Info (optional)

well 4

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

HARN 51284
06-29-2006

WELL LABEL # L 83213

START CARD # 185143

(1) LAND OWNER Owner Well I.D. _____

First Name JOE Last Name WILLIAMS
Company _____
Address 70785 OLD EXPERIMENT STATION
City BURNS State OR Zip 97720

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

(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 270.00 ft.

BORE HOLE			SEAL			Amt	sacks/ lbs
Dia	From	To	Material	From	To		
29	0	20	Cement	0	20	18,000	P
24	20	173					
12	173	270					

How was seal placed: Method A B C D E
 Other _____
Backfill placed from 173 ft. to 0 ft. Material 3/8 pea gravel
Filter pack from _____ ft. to _____ ft. Material _____ Size _____
Explosives used: Yes Type _____ Amount _____

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24		1	57	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	12		1.5	179	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Shoe Inside Outside Other Location of shoe(s) _____
Temp casing Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____
Screens Type wire wrap Material stainless steel

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrnn/slot width	Slot length	# of slots	Tele/ pipe size
Screen	Liner	12	69	169	.1			

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
100	2		

Temperature 58 °F Lab analysis Yes By _____
Water quality concerns? Yes (describe below)
From _____ To _____ Description _____ Amount _____ Units _____

(9) LOCATION OF WELL (legal description)

County Harney Twp 23.00 S N/S Range 32.00 E E/W WM
Sec 7 SW 1/4 of the NW 1/4 Tax Lot 1300
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
 Street address of well Nearest address

OLD EXPERIMENT RD

(10) STATIC WATER LEVEL

Existing Well / Predeepening	Date	SWL (psi)	+ SWL (ft)
Completed Well	06-27-2006		13

Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 22

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
06-27-2006	22	257	1,000		13

(11) WELL LOG

Material	From	To
topsoil silty loom	0	2
clay blk	2	7
sand coarse	7	15
clay grey	15	40
gravel sand clay	40	52
clay brn	52	65
clay grey	65	75
sand blk	75	85
clay grey	85	102
sand blk	102	115
clay grey	115	130
clay green	130	135
sand blk	135	172
pumice grey hard	172	240
clay pumice gravel	240	245
pumice grey soft	245	257
clay green	257	270

RECEIVED
JAN 15 2009
WATER RESOURCES DEPT
SALEM, OREGON

Date Started 06-05-2006 Completed 06-27-2006

(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 _____
Electronically Filed
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 1424 Date 06-29-2006
Electronically Filed
Signed TIMOTHY K RILEY (E-filed)
Contact Info (optional) _____

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