

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

*WALL 1416* *Page 1*

**RECEIVED**

MAR 15 1984

*1n/42E-14b*

PLEASE TYPE OR PRINT IN INK  
**WATER RESOURCES DEPT.**  
**SALEM, OREGON**

(for official use only)

**(1) OWNER:**

Name City of Wallowa  
 Address Box 1  
 City Wallowa State Oregon

**(2) TYPE OF WORK (check):**

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

**(3) TYPE OF WELL:**

Rotary Air  Driven   
 Rotary Mud  Dug   
 Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
 Irrigation  Thermal:  Withdrawal  ReInjection   
 Other:  Piezometric  Grounding  Test

**(5) CASING INSTALLED:**

Steel  Plastic   
 Threaded  Welded   
 16" Diam. from + 2' ft. to 133 ft. Gauge .375  
 14" Diam. from + 3' ft. to 460 ft. Gauge .375

**LINER INSTALLED:**

Steel  Plastic   
 Threaded  Welded   
 10 3/4" Diam. from 449 ft. to 864 ft. Gauge .365

**(6) PERFORATIONS:**

Perforated?  Yes  No  
 Size of perforations in. by in.  
 180 perforations from 440 ft. to 460 ft.  
 6225 perforations from 449 ft. to 864 ft.

**(7) SCREENS:**

Well screen installed?  Yes  No  
 Manufacturer's Name ..... Model No. ....  
 Type ..... 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? Valley Pump  
 Id: 1700 gal./min. with 94 ft. drawdown after 5 hrs.  
 Air test 2000+ gal./min. with drill stem at 450 ft. 4 hrs.  
 Bailer test -0- gal./min. with ft. drawdown after hrs.  
 Artesian flow -0- g.p.m.  
 Temperature of water 52 Depth artesian flow encountered ..... ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No   
 Well seal—Material used cement grout  
 Well sealed from land surface to 133 ft.  
 Diameter of well bore to bottom of seal 20 in.  
 Diameter of well bore below seal 15 1/4 in.  
 Amount of sealing material 136 sacks  pounds   
 How was cement grout placed? Pressure pumped with grout. pump from bottom to top.  
 Was pump installed? ..... Type ..... HP ..... Depth ..... ft.  
 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 by legal description:**

County Wallowa N. W. 1/4 of Section 14 of Township 1-N Range 42 east WM. (Township is North or South) (Range is East or West)  
 Tax Lot ..... Lot 1 Block 13 Subdivision Mc Donald add to Wallowa 30' 8' 20' W.  
 MAILING ADDRESS OF WELL (or nearest address) of N.E. of lot 1

**(11) WATER LEVEL of COMPLETED WELL:**

Depth at which water was first found 412' ft.  
 Static level 106 ft. below land surface. Date 1/27/84  
 Artesian pressure ..... lbs. per square inch. Date .....

**(12) WELL LOG:**

Diameter of well below casing .....  
 Depth drilled 867 ft. Depth of completed well 864 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
(note) Hole was drilled with mud to 864'. There was very little or no mud loss until the flow was drilled into at 844 to 862' then we switched to air & cleaned hole out to check water flow at 106'. We also ran a T.V. camera in with a flag attached to it, to see if there were any thief zones or water tranfur, the entire hole was static.			
brown sandy topsoil	0	18	
cobble, sandy boulder,			
Gravel, sand loose foration trace	18	40	
cobble, boulders, gravel mixed with brown clay			
Fractured black basalt	40	123	
fractured black basalt	123	131	
hard black basalt	131	140	

Date work started Oct 23, 1984/completed Feb 13, 1984  
 Date well drilling machine moved off of well ..... 19

**(unbonded) Water Well Constructor Certification (if applicable):**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] ..... Date ....., 19 .....

**(bonded) Water Well Constructor Certification:**

Bond U 43-82-45 Issued by: United Pacific Insur (number) (Surety Company Name)  
 On behalf of Leach Well Drilling n, Inc (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:

(Signed) WWC 1268 Technical Chad (Water Well Constructor)

(Dated) March 12, 1984

NOTICE TO WATER WELL CONSTRUCTOR  
 The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,  
 SALEM, OREGON 97310  
 within 30 days from the date of well completion.

SP\*46866-690

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

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PLEASE TYPE or PRINT IN INK

(for official use only)

**(1) OWNER:**

Name City of Wallowa  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_

**(2) TYPE OF WORK (check):**

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

**(3) TYPE OF WELL:**

Rotary Air  Driven   
 Rotary Mud  Dug   
 Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
 Thermal:   
 Irrigation  Withdrawal  ReInjection   
 Other:   
 Piezometric  Grounding  Test

**(5) CASING INSTALLED:**

Steel  Plastic   
 Threaded  Welded

\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_  
 \_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**LINER INSTALLED:**

Steel  Plastic   
 Threaded  Welded

\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**(6) PERFORATIONS:**

Perforated?  Yes  No

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?  
 \_\_\_\_\_ d: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Air test \_\_\_\_\_ gal./min. with drill stem at \_\_\_\_\_ ft. \_\_\_\_\_ hrs.  
 Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Artesian flow \_\_\_\_\_ g.p.m.  
 \_\_\_\_\_ temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No

Well seal—Material used \_\_\_\_\_  
 Well sealed from land surface to \_\_\_\_\_ ft.  
 Diameter of well bore to bottom of seal \_\_\_\_\_ in.  
 Diameter of well bore below seal \_\_\_\_\_ in.  
 Amount of sealing material \_\_\_\_\_ sacks  pounds   
 How was cement grout placed? \_\_\_\_\_

Was pump installed? \_\_\_\_\_ Type \_\_\_\_\_ HP \_\_\_\_\_ Depth \_\_\_\_\_ ft.  
 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 by legal description:**

County \_\_\_\_\_ of Section \_\_\_\_\_ of  
 Township \_\_\_\_\_, Range \_\_\_\_\_, WM.  
 (Township is North or South) (Range is East or West)  
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 MAILING ADDRESS OF WELL (or nearest address) \_\_\_\_\_

**(11) WATER LEVEL of COMPLETED WELL:**

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

**(12) WELL LOG:**

Diameter of well below casing \_\_\_\_\_

Depth drilled \_\_\_\_\_ ft. Depth of completed well \_\_\_\_\_ 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
Soft brown porous basalt with cracks & crevices filled with tan soft to hard brittle clay seams	140	170	
Med to hard black & brown fractured basalt with brittle tan clay	170	190	
soft brown & black fractured basalt with soft tan clay mud	190	235	
soft to hard layers of basalt with soft to hard brittle tan clay	235	265	
very soft brown basalt & clay tan color	265	291	

Date work started \_\_\_\_\_/completed \_\_\_\_\_  
 Date well drilling machine moved off of well \_\_\_\_\_ 19

**(unbonded) Water Well Constructor Certification (if applicable):**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] \_\_\_\_\_ Date \_\_\_\_\_, 19 \_\_\_\_\_

**(bonded) Water Well Constructor Certification:**

Bond \_\_\_\_\_ Issued by: \_\_\_\_\_  
 (number) (Surety Company Name)  
 On behalf of \_\_\_\_\_  
 (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

(Signed) *Mark D. Lavelle*  
 (Water Well Constructor)

(Dated) \_\_\_\_\_

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

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PLEASE TYPE or PRINT IN INK

(for official use only)

**(1) OWNER:**

Name City of Wallowa  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary Air  Driven  Bored   
 Rotary Mud  Dug   
 Piezometric

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
 Thermal:  Withdrawal  ReInjection   
 Other:  Grounding  Test

**(5) CASING INSTALLED:**

Steel  Plastic   
 Threaded  Welded

\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_  
 \_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**LINER INSTALLED:**

Steel  Plastic   
 Threaded  Welded

\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**(6) PERFORATIONS:**

Perforated?  Yes  No

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 \_\_\_\_\_ Model No. \_\_\_\_\_  
 Type \_\_\_\_\_  
 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?  
 \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Air test \_\_\_\_\_ gal./min. with drill stem at \_\_\_\_\_ ft. \_\_\_\_\_ hrs.  
 Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Artesian flow \_\_\_\_\_ g.p.m.  
 \_\_\_\_\_ temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No

Well seal—Material used \_\_\_\_\_  
 Well sealed from land surface to \_\_\_\_\_ ft.  
 Diameter of well bore to bottom of seal \_\_\_\_\_ in.  
 Diameter of well bore below seal \_\_\_\_\_ in.  
 Amount of sealing material \_\_\_\_\_ sacks  pounds   
 How was cement grout placed? \_\_\_\_\_

Was pump installed? \_\_\_\_\_ Type \_\_\_\_\_ HP \_\_\_\_\_ Depth \_\_\_\_\_ ft.  
 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 by legal description:**

County \_\_\_\_\_ of \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 of Section \_\_\_\_\_ of  
 Township \_\_\_\_\_, Range \_\_\_\_\_, WM. \_\_\_\_\_  
 (Township is North or South) (Range is East or West)  
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 MAILING ADDRESS OF WELL (or nearest address) \_\_\_\_\_

**(11) WATER LEVEL of COMPLETED WELL:**

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

**(12) WELL LOG:**

Diameter of well below casing \_\_\_\_\_

Depth drilled \_\_\_\_\_ ft. Depth of completed well \_\_\_\_\_ 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
Med, hard fractured curised black & brown red, black basalt, med	291	320	
hard gray, black basalt with crevesies	320	330	
very hard black basalt	330	345	
med hard black brown basalt some porous, some tan brittle clay, very badly crevises	345	365	
red cinders, soft, some porous basalt mixed	365	375	
orange colored soft clay brown & red basalt broken to fractured	375	382	

Date work started \_\_\_\_\_/completed \_\_\_\_\_  
 Date well drilling machine moved off of well \_\_\_\_\_ 19 \_\_\_\_\_

**(unbonded) Water Well Constructor Certification (if applicable):**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] \_\_\_\_\_ Date \_\_\_\_\_, 19 \_\_\_\_\_

**(bonded) Water Well Constructor Certification:**

Bond \_\_\_\_\_ Issued by: \_\_\_\_\_ (Surety Company Name)

On behalf of \_\_\_\_\_ (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:

(Signed) *Stephen L. Seal*  
 (Water Well Constructor)

(Dated) \_\_\_\_\_

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

PLEASE TYPE or PRINT IN INK

(for official use only)

(1) OWNER:

Name City of Wallowa Address City State

(2) TYPE OF WORK (check):

New Well [ ] Deepening [ ] Reconditioning [ ] Abandon [ ]

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air [ ] Driven [ ] Rotary Mud [ ] Dug [ ] Cased [ ] Bored [ ]

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ] Thermal [ ] Irrigation [ ] Withdrawal [ ] ReInjection [ ] Other: [ ] Piezometric [ ] Grounding [ ] Test [ ]

(5) CASING INSTALLED:

Steel Threaded [ ] Plastic Welded [ ]

Diam. from ft. to ft. Gauge

LINER INSTALLED:

Steel Threaded [ ] Plastic Welded [ ]

Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? [ ] Yes [ ] No

Size of perforations in. by in. 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.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? [ ] Yes [ ] No If yes, by whom? Field: gal./min. with ft. drawdown after hrs.

(9) CONSTRUCTION:

Special standards: Yes [ ] No [ ]

Well seal—Material used Well sealed from land surface to ft. Diameter of well bore to bottom of seal in.

Was pump installed? Type HP Depth ft.

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 by legal description:

County 1/4 1/4 of Section Township Range WM. Tax Lot Lot Block Subdivision MAILING ADDRESS OF WELL

(11) WATER LEVEL of COMPLETED WELL:

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

(12) WELL LOG:

Diameter of well below casing

Depth drilled ft. Depth of completed well 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.

Table with columns: MATERIAL, From, To, SWL. Rows include: broken med, hard, brown & black basalt with yellow brittle clay (382-395); hard crevisses black basalt with fractures (395-412); soft to hard red black & brown basalt, some porous (412-440) (Water Bearing Formation); black med hard fractured basalt, some porous mixed (440-464); hard gray black basalt (464-474); broken crevisses clay black basalt (474-482); red rusty color clay soft (482-507).

Date work started /completed Date well drilling machine moved off of well 19

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Date, 19

(bonded) Water Well Constructor Certification:

Bond (number) Issued by: (Surety Company Name)

On behalf of (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:

(Signed) Nathaniel L. Seesh (Water Well Constructor)

(Dated)

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

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PLEASE TYPE or PRINT IN INK

(for official use only)

**(1) OWNER:**

Name City of Wallowa  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary Air  Driven  Rotary Mud  Dug  Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
 Thermal:  Withdrawal  ReInjection   
 Other:  Piezometric  Grounding  Test

**(5) CASING INSTALLED:**

Steel  Plastic   
 Threaded  Welded

\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_  
 \_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**LINER INSTALLED:**

Steel  Plastic   
 Threaded  Welded

\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**(6) PERFORATIONS:**

Perforated?  Yes  No

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 \_\_\_\_\_ Model No. \_\_\_\_\_  
 Type \_\_\_\_\_  
 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?  
 \_\_\_\_\_ id: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Air test \_\_\_\_\_ gal./min. with drill stem at \_\_\_\_\_ ft. \_\_\_\_\_ hrs.  
 Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Artesian flow \_\_\_\_\_ g.p.m.  
 \_\_\_\_\_ temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No

Well seal—Material used \_\_\_\_\_  
 Well sealed from land surface to \_\_\_\_\_ ft.  
 Diameter of well bore to bottom of seal \_\_\_\_\_ in.  
 Diameter of well bore below seal \_\_\_\_\_ in.  
 Amount of sealing material \_\_\_\_\_ sacks  pounds   
 How was cement grout placed? \_\_\_\_\_  
 \_\_\_\_\_  
 Was pump installed? \_\_\_\_\_ Type \_\_\_\_\_ HP \_\_\_\_\_ Depth \_\_\_\_\_ ft.  
 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 by legal description:**

County \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 of Section \_\_\_\_\_ of  
 Township \_\_\_\_\_ Range \_\_\_\_\_, WM.  
 (Township is North or South) (Range is East or West)  
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 MAILING ADDRESS OF WELL (or nearest address) \_\_\_\_\_

**(11) WATER LEVEL of COMPLETED WELL:**

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

**(12) WELL LOG:**

Diameter of well below casing \_\_\_\_\_  
 Depth drilled \_\_\_\_\_ ft. Depth of completed well \_\_\_\_\_ 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
very soft brown basalt with yellow clay broken	507	524	
badly crevisses hard basalt black color	524	527	
red & black, very soft basalt a little porous	527	540	
very soft black basalt	540	542	
red, very soft brittle clay	542	552	
hard black fractured basalt	552	570	
dense hard black basalt with grey color mixed	570	592	
Med hard crevisses basalt grey, black color	592	597	
dense gray, black basalt	597	620	

Date work started \_\_\_\_\_ /completed \_\_\_\_\_  
 Date well drilling machine moved off of well \_\_\_\_\_ 19 \_\_\_\_\_

**(unbonded) Water Well Constructor Certification (if applicable):**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] \_\_\_\_\_ Date \_\_\_\_\_, 19 \_\_\_\_\_

**(bonded) Water Well Constructor Certification:**

Bond \_\_\_\_\_ (number) Issued by: \_\_\_\_\_ (Surety Company Name)  
 On behalf of \_\_\_\_\_ (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:

(Signed) *Nathaniel L. Lesh*  
 (Water Well Constructor)

(Dated) \_\_\_\_\_

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1N/42E-146

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.785)

PLEASE TYPE or PRINT IN INK

(for official use only)

(1) OWNER:

Name City of Wallowa Address City State

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air Driven Rotary Mud Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal Irrigation Thermal Withdrawal ReInjection Other: Piezometric Grounding Test

(5) CASING INSTALLED:

Steel Threaded Plastic Welded

Diam. from ft. to ft. Gauge

LINER INSTALLED:

Steel Threaded Plastic Welded

Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? Yes No

Size of perforations in. by 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.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? Id: gal./min. with ft. drawdown after hrs. Air test gal./min. with drill stem at ft. hrs. Bailer test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m. Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used Well sealed from land surface to ft. Diameter of well bore to bottom of seal in. Diameter of well bore below seal in. Amount of sealing material sacks pounds How was cement grout placed?

Was pump installed? Type HP Depth ft.

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: ft.

Gravel placed from ft. to ft.

(10) LOCATION OF WELL by legal description:

County 1/4 1/4 of Section Township Range WM. Tax Lot Lot Block Subdivision MAILING ADDRESS OF WELL

(11) WATER LEVEL of COMPLETED WELL:

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

(12) WELL LOG:

Diameter of well below casing

Depth drilled ft. Depth of completed well 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.

Table with columns: MATERIAL, From, To, SWL. Rows include: hard creviced basalt, gray; black color; red brittle clay; med hard black fractured basalt; med, soft brown basalt with crevices; hard crevices basalt with light tan soft clay; med, hard black broken basalt, light tan soft clay brittle; med, hard broken basalt with blue soft brittle clay; hard crevices black with blue brittle clay.

Date work started /completed Date well drilling machine moved off of well 19

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Date, 19

(bonded) Water Well Constructor Certification:

Bond Issued by: (number) (Surety Company Name)

On behalf of (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:

(Signed) (Water Well Constructor)

(Dated)

NOTICE TO WATER WELL CONSTRUCTOR The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

SP\*46866-690

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

PLEASE TYPE or PRINT IN INK

(for official use only)

(1) OWNER:

Name City of Wallowa Address City State

(2) TYPE OF WORK (check):

New Well [ ] Deepening [ ] Reconditioning [ ] Abandon [ ]

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air [ ] Driven [ ] Rotary Mud [ ] Dug [ ] Bored [ ]

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ] Thermal: Irrigation [ ] Withdrawal [ ] ReInjection [ ] Other: Piezometric [ ] Grounding [ ] Test [ ]

(5) CASING INSTALLED:

Steel [ ] Plastic [ ] Threaded [ ] Welded [ ]

Diam. from ft. to ft. Gauge

LINER INSTALLED:

Steel [ ] Plastic [ ] Threaded [ ] Welded [ ]

Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? [ ] Yes [ ] No

Size of perforations in. by in. 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.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? [ ] Yes [ ] No If yes, by whom? Id: gal./min. with ft. drawdown after hrs.

(9) CONSTRUCTION:

Special standards: Yes [ ] No [ ]

Well seal—Material used Well sealed from land surface to ft. Diameter of well bore to bottom of seal in.

Was pump installed? Type HP Depth ft. Was a drive shoe used? [ ] Yes [ ] No Plugs Size: location ft. Did any strata contain unusable water? [ ] Yes [ ] No

(10) LOCATION OF WELL by legal description:

County 1/4 1/4 of Section Township Range WM. Tax Lot Lot Block Subdivision MAILING ADDRESS OF WELL

(11) WATER LEVEL of COMPLETED WELL:

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

(12) WELL LOG:

Diameter of well below casing

Depth drilled ft. Depth of completed well 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.

Table with columns: MATERIAL, From, To, SWL. Rows include: med, hard fractured with brittle tan clay (734-740), hard crevices black basalt white brittle soft clay (740-747), very hard gray basalt (747-784), hard crevices basalt (784-807), med, hard brown, black broken basalt with some porous with tan clay, tan soap stone (807-814), hard black crevices basalt with blue brittle clay (814-820), black & brown basalt with tan brittle clay, hard crevices (820-831)

Date work started /completed Date well drilling machine moved off of well 19

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Date, 19

(bonded) Water Well Constructor Certification:

Bond Issued by: (number) (Surety Company Name) On behalf of (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

(Signed) Nathan S. Lead (Water Well Constructor) (Dated)

