

Approved: Tony Janicek

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MEMO

To: Tony Janicek, Interim Well Construction Section Manager
From: Tommy Laird, Well Construction Compliance Coordinator
Subject: Review of Water Right Application LL-2032
Date: August 14, 2026

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Josh Hackett reviewed the application. Please see Josh's Groundwater Review and the Well Report.

Applicant's Well #1 (SHER 50175): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

The construction of Applicant's Well #1 may not satisfy hydraulic connection issues to surface water.

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

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

WELL ID # L L70770

(START CARD) # 168541

(1) OWNER:

Well Number: _____

Name The Barnett Est. (Don Hilderbrand)Address P. O. Box 273City Wasco State OR Zip 97065

(2) TYPE OF WORK:

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other _____

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other _____

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 142 ft.Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE			SEAL			Amount	
Diameter	From	To	Material	From	To	sacks or pounds	
20"	0	20	Cement	0	20'	18 Sacks	
16"	20'	102'	Cement	0	102'	101 Sacks	
12"	102'	142'					

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

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:	16"	+1	20'	.250	☒	☐	☒	☐
	12"	+2'	102'	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) 102

(7) PERFORATIONS/SCREENS:

☐ Perforations

Method _____

☐ Screens

Type _____

Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☒ Flowing ArtesianYield gal/min 180 Drawdown 0% Drill stem at _____ Time 1 hr.Temperature of Water 57 Depth Artesian Flow found 128Was a water analysis done? ☐ Yes By whom _____Did any strata contain water not suitable for intended use? ☒ Too little☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____Depth of strata: 80 to 89

(9) LOCATION OF WELL by legal description:

County Sherman Latitude 45.60119N Longitude 120.7062'Township 1N N or S. Range 17E E or W. of WM.Section 4 SW 1/4 NW 1/4Tax lot 800 Lot _____ Block _____ Subdivision _____Street Address of Well (or nearest address) 71025 N. Old Highway97, Wasco, Or

(10) STATIC WATER LEVEL:

_____ ft. below land surface.

Date _____

Artesian pressure 24 lb. per square inch.Date 10/06/2005

(11) WATER BEARING ZONES:

Depth at which water was first found 80

From	To	Estimated Flow Rate	SWL
<u>80</u>	<u>89</u>	<u>80</u>	<u>22'</u>
<u>128</u>	<u>133</u>	<u>180</u>	<u>+55.4</u>

(12) WELL LOG:

Ground elevation _____

Material	From	To	SWL
Soil	0	2	
Basalt Hard Gray	2	4	
Rock Fract. Brown	4	15	
Basalt Hard Gray	15	33	
Basalt Fract. Black	33	60	
Basalt Brown Med.	60	64	
Clay Yellow	64	80	
Rock Decomposed Brown W/B	80	89	22
Basalt Hard Gray	89	128	
Basalt Fract. Med. Gray W/B	128		
Flowing		133	
Basalt Hard Gray	133	138	
Basalt Fract. Hard Gray	138	142	

Bottom of well is plugged with a wood plug with bentonite on top of wood and topped with cement. Plug is from 134 to 142 ft.

RECEIVED

NOV 08 2005

WATER RESOURCES DEPT
SALEM, OREGONDate started 06/30/2005Completed 10/10/2005

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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 my best knowledge and belief.

Signed _____

WWC Number _____

Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

Signed _____

WWC Number 790Date 10/28/2005

Charles Austin