Approved:

MEMO

To: Kristopher Byrd, Well Construction Manager

From: Tommy Laird, Well Construction Program Coordinator

Subject: Review of Water Right Application G-19275

Date: January 21, 2025

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

Applicant's Well #7 (CROO 2846): Based on a review of the Well Report, Well #7 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that the Well Report does not indicate the amount of grout used in the well seal. In order to meet minimum construction standards, the well must be resealed with an approved grout to a minimum depth of 25 feet bgs.

My recommendation is that the Department **not issue** a permit for Well #7 unless it is brought into compliance with current minimum well construction standards or information is provided showing that it is constructed to meet current minimum well construction standards.

The construction of Well #7 may not satisfy hydraulic connection issues

GEIVE Die Well No. 175/23E-1ad STATE ENGINEER, SALEM, OREĜON 97310 (Please type or print) (Do not write above this line) MAR - 31977 State Permit No. within 30 days from the date of well completion. RESOURCES DEPT (10) LOCATION OF WELL: (1) OWNER: County CROOK Driller's well number Name T. 175 14 NE 14 Section Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): WELL #7 Reconditioning [Abandon 🗌 New Well Deepening [If abandonment, describe material and procedure in Item 12. (11) WATER LEVEL: Completed well. (4) PROPOSED USE (check): Depth at which water was first found / ZO (3) TYPE OF WELL: Rotary Driven | 20 Static level Domestic | Industrial | Municipal | ft. below land surface. Date Cable Jetted □ Irrigation Test Well Other Artesian pressure lbs. per square inch. Date Bored | CASING INSTALLED: Threaded [Welded]. (12) WELL LOG: Diameter of well below casing "Diam. from +1 ft. to 25 ft. Gage ... Depth drilled / 50 ft. Depth of completed well _____ ft. to ______ ft. Gage ... Formation: Describe color, texture, grain size and structure of materials; _______ft. Gage 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. PERFORATIONS: Perforated?

Yes No. MATERIAL From To Type of perforator used 0 حم 708501L in. by Size of perforations 120 Ž٥ BASALT perforations from ft. to ___ 150 _____ perforations from _____ ft. to ____ ___ perforations from_____ ft. to ___ (7) SCREENS: Well screen installed?

Yes No Manufacturer's Name Diam. Slot size Set from ft. to Diam. Slot size Set from ft. to ft. Drawdown is amount water level is lowered below static level (8) WELL TESTS: Was a pump test made? X Yes \(\subseteq \) No If yes, by whom? RET REED 1800 gal./min. with 35 ft. drawdown after 10 Bailer test gal./min. with ft. drawdown after Artesian flow Work started SE PT perature of water Depth artesian flow encountered Date well drilling machine moved off of well (9) CONSTRUCTION: Drilling Machine Operator's Certification: Well seal-Material used This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief. Well sealed from land surface to .. Diameter of well bore to bottom of seal . (Drilling Machine Operator) Date, 19..... Number of sacks of cement used in well seal ... Drilling Machine Operator's License No. Number of sacks of bentonite used in well seal Brand name of bentonite Water Well Contractor's Certification: Number of pounds of bentonite per 100 gallons This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Was a drive shoe used?

Yes No Plugs Size: location ft. (Person, firm or corporation) Did any strata contain unusable water?

Yes No Type of water? depth of strata Address Method of sealing strata off (Water Well Contractor) Was well gravel packed?

Yes No Size of gravel: Contractor's License No. _______ Date _______, 19_____ Gravel placed from _____ ft. to _

NOTICE TO WATER WELL CONTRACTOR The original and first copy

of this report are to be filed with the



Last Update: 11/04/08

Oregon Water Resources Department 725 Summer Street NE, Suite A Salem Oregon 97301 (503) 986-0900 www.wrd.state.or.us

Application for Well ID Number

Do not complete if the well already has a Well I.D Number.

I. OWNER INFORMATION				
Current Owner Name (please print)	: Hernrech	at the Y	Ranch, LLC	
Mailing Address: PO Bo			,	
City: Pauling	ty: Pauling State: OR		Zip: 97751	
Mailing Address (to send Well I.D.)	: same			
City:	State:		Zip:	
II. <u>WELL INFORMATION</u> (Do n			,	
Township: 175 Tax Lot: 100 Street Address of Well: Owner at time the well was construction.	(North/South) Range:	23 E	(East/West) Section:	1
Tax Lot: /00	County: Crook	SE	1/4 NE	1/4
Street Address of Well:			City:	
Owner at time the well was construct	cted, (if known):	ames Lau	ton	
If the property had a different street	address in the past:			
Use of Well (domestic, irrigation, co Date Well Constructed: Seg. / Other Information:	mmercial, industrial, monitor	ring): irric	1	10 "
SUBMITTED BY (please print): $\frac{\delta}{24}$ PHONE: $\frac{\delta}{24}$	usan M Jermrec 23 FAX	h awsr k: g	nnermie@gma	uil.com
Send application to Oregon Water R 0902. Applications are processed an			; Salem, Oregon 97301-1266	; fax (503) 986-
Received Date: 9-11-14		og Number: 0 2846	Department: Well Identificatio L- 115544 BECEIVED BY OWE	
			HECEINED BY CIME	11./

Well I.D. Number/ 1

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