Approved: 

MEMO

To: Kristopher Byrd, Well Construction Manager

From: Tommy Laird, Well Construction Program Coordinator

Subject: Review of Water Right Application G-19336

Date: February 26, 2025

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

Applicant's Well #1 (LANE 6159): Based on a review of the Well Report, Well #1 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that the Well Report indicates the well head is flush with land surface. In order to meet minimum construction standards, the well head must be at least one-foot above land surface.

Please note: The Well Report indicates the well casing is 35-inches in diameter, but the Groundwater Information System (GWIS) confirms the well casing is actually 6-inches in diameter. This review is based on the assumption that the casing is 6-inches in diameter.

My recommendation is that the Department **not issue** a permit for Well #1 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 #1 may not satisfy hydraulic connection issues

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the
STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

RECEIVED
AUG 18 1967
STATE ENGINEER
SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

LANE 6159
State Well No. 15/4W-20
State Permit No. G6678

(1) OWNER:
Name Robert E. Bryson
Address 102 Lingo Lane, Junction City

(2) TYPE OF WORK (check):
New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary [X] Driven [ ]
Cable [ ] Jetted [ ]
Dug [ ] Bored [ ]

(4) PROPOSED USE (check):
Domestic [X] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

(5) CASING INSTALLED:
Threaded [ ] Welded [X]
35 " Diam. from 0 ft. to 35 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:
Perforated? [ ] Yes [X] No.
Type of perforator used Torch Mills
Size of perforations 1/2 in. by 6 in.
138 perforations from 18'6" ft. to 33' 6" ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:
Well screen installed? [ ] Yes [X] No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WATER LEVEL: Completed well.
Static level 16'6" ft. below land surface Date 8-2-67
Artesian pressure lbs. per square inch Date

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? [ ] Yes [X] No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
" " " "
Bailer test 300 gal./min. with 13½ ft. drawdown after 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? [ ] Yes [X] No

(10) CONSTRUCTION:
Well seal—Material used Bentonite Clay
Depth of seal 18 ft.
Diameter of well bore to bottom of seal 10 in.
Were any loose strata cemented off? [ ] Yes [X] No Depth
Was a drive shoe used? [X] Yes [ ] No
Did any strata contain unusable water? [ ] Yes [X] No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? [ ] Yes [X] No Size of gravel:
Gravel placed from ft. to ft.

(11) LOCATION OF WELL:
County Lane Driller's well number
¼ ¼ Section 20 T. t 5S R. 4W W.M.
Bearing and distance from section or subdivision corner

(12) WELL LOG:
Diameter of well below casing 6
Depth drilled 35 ft. Depth of completed well 35 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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Top Soil	0	3	
Soft Brown Sandy Clay	3	7	
Cemented Sand & Gravel	7	18	
Sand & Gravel	18	27	
Sand Gravel & Clay	27	29	
Cemented S nd & Gravel	27	35	

Work started 8-1-67 19 Completed 8-3-67 19
Date well drilling machine moved off of well 8-3-67 19

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Elwood B Henderson (Drilling Machine Operator) Date 8-10, 1967
Drilling Machine Operator's License No. 435

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME Casey Jones Well Drilling Co Inc (Person, firm or corporation) (Type or print)
Address Route 8 Box 695 Pleasant Hill
[Signed] Delbert S Jones (Water Well Contractor)
Contractor's License No. 103 Date 8-10-67, 19

(USE ADDITIONAL SHEETS IF NECESSARY)