

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19456
Date: May 15, 2025

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

Applicant's Well #Well 1 (CLAC 59747): 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 according to the Well Report, the well is not continuously sealed. In order to meet minimum construction standards, the annular space must be cleaned out and resealed with an approved grout.

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 repair of Well 1 may not satisfy hydraulic connection issues.

Applicant's Well #Well 2 and Applicant's Well #Well 3 (Proposed): Well 2 and Well 3 are proposed wells, therefore they cannot be reviewed for construction. Construction of these proposed wells shall be completed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240. During construction of these wells, specific attention should be paid to ensure sealing requirements are met and that the wells do not commingle aquifers.

The construction of proposed Well 2 and Well 3 may not satisfy hydraulic connection issues.

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 60152

START CARD # W162324

SKYLES DRILLING, INC.

(1) OWNER: Well Number: 03

Name Gordon Schoonover
Address 22322 S. Central Point Rd.
City Oregon City State OR Zip 97045

(2) TYPE OF WORK:

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

(3) DRILL METHOD:

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

(4) PROPOSED USE:

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

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 241 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE			SEAL			Amount	
Diameter	From	To	Material	From	To	sacks or pounds	
10	0	34	Bentonite	34	0	14 Sacks	
8	34	258	Cement	240	235	5 Sacks	

How was seal placed: Method ☐ A ☒ B ☐ C ☐ D ☐ E☒ Other Poured Bentonite / Pumped Cement

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from 258 ft. to 241 ft. Size of gravel 3/8 pea 15sk

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 6	+1.5	240	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: None				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used ☐ Inside ☐ Outside ☒ None

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

☐ Perforations Method _____
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
None						<input type="checkbox"/>	<input type="checkbox"/>

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
25		238	1 hr.
25		218	15 min.

Temperature of Water 57 Depth Artesian Flow found _____Was a water analysis done? ☒ Yes By whom Driller 0.10 PPM IronDid any _____ contain water not suitable for intended use? ☐ Too little☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☒ Other High IronDepth of _____: 111'-137'; 156'-163'; 211'-227'

(9) LOCATION OF WELL by legal description:

County Clackamas Latitude _____ Longitude _____
Township 3SOUTH N or S. Range 1EAST E or W. of WM.
Section 25 SW 1/4 NE 1/4
Tax lot 00300 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 22322 S. Central Point Rd., Oregon City, OR

(10) STATIC WATER LEVEL:

78 ft. below land surface. Date 11/24/2003
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 56'

From	To	Estimated Flow Rate	SW
56/111	61/137	3/10	
156	163	30	1
211	227	10	
247	257	75	

(12) WELL LOG:

Ground elevation _____

Material	From	To	SW
Top Soil, Brown	0	3	
Clay, Brown, Sandy	3	27	
Clay, Gray & Tan	27	56	
Cemented Sand, Brown, Fine	56	61	
Clay, Blueish-Gray	61	107	
Clay, Gray, Very Sandy	107	111	
Cemented Sand w/ Sand, Coarse & Gravel, Small	111	118	
Clay, Gray, Very Sandy w/ Seams of Sand and Wood	118	156	
Sand, Gray, Medium to Fine	156	163	
Clay, Gray, Sandy	163	184	
Clay, Greenish-Blue	184	195	
Clay, Gray	195	209	
Wood, Brown	209	211	
Clay Gray & Blue, Very Sandy w/ Cemented Sand, Gray & Wood	211	227	
Clay, Greenish-Gray, Sandy	227	247	
Cemented Sand, Multicolored & Wood w/ Lens of Clay, Gray	247	257	
Clay, Gray	257	258	

Skyles Drilling, Inc.
1100 Molale Ave.
Oregon City, OR 97045
556-2583Date started 11/18/2003 Completed 11/24/2003

(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 the best of my knowledge and belief.

Signed _____ WWC Number 1715
Date 12-1-03

(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 Steven C. Bland WWC Number 1592
Date 12-1-03

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WATER RESOURCES DEPT
SALEM, OREGON

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WATER RESOURCES
SALEM, OREGON

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 City **Oregon City** State **OR** Zip **97045**

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(3) DRILL METHOD:
☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☒ Other **Holte**

(4) PROPOSED USE:
☒ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval ☐ Yes ☒ No Depth of Completed Well **241** ft.
 Explosives used ☐ Yes ☒ No Type Amount

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks or pounds	
10	0 34	Bentonite	34 0	14 Sacks	
8	34 258	Cement	240 235	5 Sacks	

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other **Poured Bentonite / Pumped Cement**
 Backfill placed from ft. to ft. Material
 Gravel placed from **258** ft. to **241** ft. Size of gravel **3/8 pea 15sk**

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Diameter	From To	Gauge	Steel	Plastic	Welded	Threaded
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Liner: None			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

 Drive Shoe used ☐ Inside ☐ Outside ☒ None
 Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method Type Material
☐ Screens Type Material

From To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
None					<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
25		238	1 hr.
25		218	15 min.

Temperature of Water **57** Depth Artesian Flow found
 Was a water analysis done? ☒ Yes By whom **Driller 0.10 PPM Iron**
 Did any area contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☒ Other **High Iron**
 Depth of water: **111'-137'; 156'-163'; 211'-227'**

(9) LOCATION OF WELL by legal description:
 County **Clackamas** Latitude Longitude
 Township **3SOUTH** N or S. Range **1EAST** E or W. of WM.
 Section **25** SW 1/4 NE 1/4
 Tax lot **00300** Lot Block Subdivision
 Street Address of Well (or nearest address) **22322 S. Central Point Rd., Oregon City, OR**

(10) STATIC WATER LEVEL:
78 ft. below land surface. Date **11/24/2003**
 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
 Depth at which water was first found **56'**

From	To	Estimated Flow Rate	SWL
56/111	61/137	3/10	52
156	163	30	117
211	227	10	84
247	257	75	78

(12) WELL LOG:
 Ground elevation

Material	From	To	SWL
Top Soil, Brown	0	3	
Clay, Brown, Sandy	3	27	
Clay, Gray & Tan	27	56	
Cemented Sand, Brown, Fine	56	61	
Clay, Blueish-Gray	61	107	
Clay, Gray, Very Sandy	107	111	
Cemented Sand w/ Sand, Coarse & Gravel, Small	111	118	
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