

Approved:



MEMO

To: Kristopher Byrd, Well Construction Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19216
Date: June 14, 2024

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Mitra Khadka and Travis Brown reviewed the application. Please see Mitra's and Travis' Groundwater Review and the Well Report.

Applicant's Well # "Well 1" (MARI 4092): Based on a review of the Well Report, Applicant's Well # Well 1 seems to protect the groundwater resource.

The construction of Well 1 may not satisfy hydraulic connection issues.

RECEIVED
MAR 22 1988
409265/2W-17
3545

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

WATER RESOURCES DEPT.

(START CARD)

(1) OWNER:

Name MARION COUNTY FIRE DISTRICT # 1
 Address 300 Cordon Road N.E.
 City Salem State Oregon Zip 97301

SALEM, OREGON

(9) LOCATION OF WELL by legal description:

County Marion Latitude _____ Longitude _____
 Township 6 South N or S, Range 2 West E or W, WM.
 Section 17 1/4 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____
Brooks Fire Station Number Five

(2) TYPE OF WORK:

New Well Deepen Recondition Abandon

(3) DRILL METHOD

Rotary Air Rotary Mud Cable
 Other _____

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 311 ft.
 Explosives used Type _____ Amount _____

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
16"	0'	25'	Bentonite	0'	25'	35 Sacks
12"	25'	311'				

How was seal placed: Method A B C D E
 Other # 8 Mesh Dry Granular Placed Down Dry

Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Steel			Oregon	
					Plastic	Welded	Threaded	Plastic	Welded
Casing: XX	12"	+2	229'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 312 Feet

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type Cook Material Stainless

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
226'	229'	Blk		11 3/16	11 3/16	<input type="checkbox"/>	<input type="checkbox"/>
229'	259'	40		11 3/16		<input type="checkbox"/>	<input type="checkbox"/>
259'	270'	Blk		11 3/16		<input type="checkbox"/>	<input type="checkbox"/>
270'	300'	100		11 3/16		<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
80	2 Feet		1 hr.
<u>See</u>	<u>Attached</u>		

Temperature of water _____ Depth Artesian Flow Found _____
 Was 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: _____

(10) STATIC WATER LEVEL:

40 ft. below land surface. Date 5-18-88
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground elevation +3

Material	From	To	SWL
Brown Clay	0	35	
Gray Sandy Clay	35	75	
Gray Sand	75	87	
Gravels & Gray Sand	87	90	45'
Brown Sand & Pea Gravels	90	94	
Gravels & Brown, Gray Clay	94	105	
Cemented Gravels Gray	105	112	
Gray Sand	112	123	
Cemented Gravels Gray	123	127	
Tight Sands & Gravels Brown	127	133	
Gray Sandy Clay	133	164	
Gray Clay	164	179	XX
Cemented Gravels	179	186	
Loose Gravels	186	190	
Green Clay	190	201	
Tight Gravels & Gray Sand	201	236	40'
Tight Gravels & Brown Sand	236	260	
Brown Clay	260	266	
Tight Gravels & Brown Sand &	266	298	
Loose Streaks			
Semi-Loose Gravels, Gray Sand	298	305	
Blue Gray Clay	305	315	40'

Date started April 6, 1988 Completed May 18, 1988

(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 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 well construction standards. This report is true to the best of my knowledge and belief.

Signed Thom R. Pen WWC Number 70758
 Date May 18, 1988

RECEIVED NO 3545

“START CARD”
NOTICE OF BEGINNING OF WELL CONSTRUCTION
(as required by ORS 537.762)

APR 11 1988

WATER RESOURCES DEPT.
SALEM, OREGON

This form must be completed, signed by both the owner (or authorized agent) and constructor, and the original delivered to the Water Resources Department prior to commencement of construction, alteration or abandonment of each well.

Owner's Name and Mailing Address Marion County Fire Dist #1
300 Gordon rd N.E
Salem Ore 97301

Proposed Commencement Date April 5, 1988

Proposed Well Depth 200 Feet, Diameter 12 Inches

and Use:

- Domestic
- Thermal
- Community
- Injection
- Industrial
- Other _____
- Irrigation

Proposed Well Location: County Marion

Township _____ (N or S) Range _____ (E or W) Section _____

At least 2 of these must be provided

1. _____ 1/4 of _____ 1/4 of above section
2. street address of well location Brooks Fire Station # 5
Brooks, Oregon
3. tax lot number of well location _____
4. attach approved map with location identified.
(see reverse of this form for approved maps)

We hereby certify that we have read the back of this form, and that to the best of our knowledge the information provided herein is accurate and the well is being properly located from septic tanks and septic drain fields.

x [Signature]
Owner's Signature

x [Signature]
Bonded Water Well Constructor

BC
Title

License No. 1325

4-5-88
Date

Company MONDERS DRILLING, INC.

Note: This is not a Water Right application. The owner is responsible for obtaining a Water Right through the Water Resources Department if required.