



WELL DRILLER'S REPORT
NORTH DAKOTA BOARD OF WATER WELL CONTRACTORS
STATE OF NORTH DAKOTA
SFN 60273 (8/2023)

RECEIVED

DEC 22 2025

ND BOARD OF WATER RESOURCES

ND Board of Water Well Contractors • 1200 Memorial Highway • Bismarck, ND, 58504

State law requires that this report be filed with the State Board of Water Well Contractors within 30 days after completion or abandonment of the well.

WELL OWNER				Was Pump Installed? ☒ Yes ☐ No			
Name <u>Jonathan Dagley</u>				Was Well Disinfected Upon Completion? ☒ Yes ☐ No			
Address <u>New Salem, ND</u>				WATER LEVEL			
WELL LOCATION Sketch map location must agree with written location.				Static Water Level (In Feet) Below Surface <u>95</u>			
County <u>Oliver</u> GPS <u>46.998228</u> <u>-101.214100</u> 1/4 <u>NW</u> 1/4 <u>SW</u> 1/4 <u>SW</u> Township <u>141N</u> Range <u>83W</u> Section <u>28</u>				If Flowing, Closed-In Pressure In PSI			
				GPM Flow Through Inch Pipe			
				Controlled By ☐ Valve ☐ Reducers ☐ Other ☐ If Other, Specify _____			
PROPOSED USE <u>14108328CCB</u>				WELL TEST DATA			
☒ Domestic ☐ Geothermal ☐ Municipal ☐ Industrial ☒ Stock ☐ Irrigation ☐ Monitoring ☐ Test Hole				☐ Pump ☐ Bailer ☒ Other <u>Air</u>			
METHOD DRILLED				Pumping Level Below Land Surface			
☐ Cable ☐ Jetted ☒ Forward Rotary ☐ Reverse Rotary ☐ Bored ☐ Auger ☐ If Other, Specify _____				Feet After <u>300</u> Hrs. Pumping <u>1/2</u> GPM <u>6</u>			
WATER QUALITY Was a water sample collected for				Feet After <u>320</u> Hrs. Pumping <u>2</u> GPM <u>8 1/2</u>			
Chemical Analysis? ☐ Yes ☒ No				Feet After _____ Hrs. Pumping _____ GPM _____			
Bacteriological Analysis? ☐ Yes ☒ No				WELL LOG			
If So, To What Laboratory Was It Sent? <u>Left up to owner</u>				Formation Depth (ft.)			
WELL CONSTRUCTION				From To			
Diameter Of Hole In Inches <u>8</u>		Depth In Feet <u>370</u>		Topsoil <u>Brown sandy clay</u> <u>0</u> <u>10</u>			
Casing: ☐ Steel ☒ Plastic ☐ Concrete ☐ Other ☐ Threaded ☐ Welded ☐ If Other, Specify _____				<u>Sandstone</u> <u>Red clay</u> <u>10</u> <u>12</u>			
Pipe Weight	Diameter	From	To	<u>Brown sandy clay</u> <u>12</u> <u>14</u>			
lb/ft <u>SDR17</u>	inches <u>4 1/2</u>	feet <u>0</u>	feet <u>361</u>	<u>Black shale / coal / Brown + red</u> <u>14</u> <u>30</u>			
lb/ft	inches	feet	feet	<u>LOST CIRCULATION</u> <u>30</u> <u>36</u>			
lb/ft <u>SDR21</u>	inches <u>8</u>	feet <u>0</u>	feet <u>57</u>	<u>Grey sandy clay</u> <u>36</u> <u>65</u>			
Was A Well Screen Installed? ☐ Yes ☒ No				<u>Grey clay</u> <u>65</u> <u>77</u>			
Was Perforated Pipe Used? ☒ Yes ☐ No				<u>Grey clay</u> <u>77</u> <u>85</u>			
Screen Or Perforation Interval		From In Feet	To In Feet	<u>Grey clay</u> <u>85</u> <u>97</u>			
		<u>321</u>	<u>361</u>	<u>Grey clay</u> <u>97</u> <u>106</u>			
Was Casing Left Open End? ☐ Yes ☒ No				<u>Grey clay</u> <u>106</u> <u>115</u>			
Material <u>PVC</u>		Diameter In Inches <u>4 1/2</u>		<u>Grey clay</u> <u>115</u> <u>132</u>			
Slot Size <u>.020</u>	Set From In Feet <u>321</u>	To In Feet <u>361</u>		<u>Grey clay</u> <u>132</u> <u>137</u>			
Slot Size	Set From In Feet	To In Feet		<u>Grey clay</u> <u>137</u> <u>148</u>			
Was Packer Or Seal Used? ☐ Yes ☒ No				<u>Grey clay</u> <u>148</u> <u>159</u>			
If So, What Material		Depth In Feet		<u>Grey clay w/ shale seams</u> <u>159</u> <u>169</u>			
				<u>Grey clay</u> <u>169</u> <u>177</u>			
Type Of Well ☐ Straight Screen ☒ Gravel Packed				<u>Rock</u> <u>177</u> <u>189</u>			
Depth Grouted		From <u>35</u>	To <u>75</u>	<u>Grey clay</u> <u>189</u> <u>214</u>			
Grouting Material		Cement	Other ☒	<u>Coal</u> <u>214</u> <u>255</u>			
If Other, Explain: <u>Sodium bentonite</u>				<u>Rock</u> <u>255</u> <u>257</u>			
Well Head Completion: Pitless Unit <u>Monitor</u>				<u>Coal</u> <u>257</u> <u>259</u>			
12" Above Grade ☒		Other (Specify)		<u>Coal + clay</u> <u>259</u> <u>266</u>			
It Other, Specify				<u>Grey clay w/ fine sand</u> <u>266</u> <u>268</u>			
				<u>Grey clay w/ fine sand + shale seams</u> <u>268</u> <u>278</u>			
				<u>Grey clay w/ fine sand</u> <u>278</u> <u>302</u>			
				<u>Grey clay</u> <u>302</u> <u>316</u>			
				<u>Grey clay w/ shale seams</u> <u>316</u> <u>317</u>			
				<u>Grey clay</u> <u>317</u> <u>325</u>			
				<u>Grey clay</u> <u>325</u> <u>338</u>			
				<u>Rock</u> <u>338</u> <u>369</u>			
				Use Separate Sheet If Necessary			
				DATE COMPLETED <u>December 15, 2025</u>			
				WAS WELL PLUGGED OR ABANDONED? ☐ Yes ☒ No			
				If So, How			
				REMARKS			
				<u>Lost Circulation at 36' and installed 8" casing down to 57' with bentonite placed at 15' to 20' and 40' to 55' - gravel in between</u>			
				DRILLER'S CERTIFICATION			
				This well was drilled under my jurisdiction and this report is true to the best of my knowledge.			
				Driller's Or Firm's Name <u>Backman Drilling</u>		Certificate Number <u>49</u>	
				Address <u>30603 Hwy 83, Wilton, ND</u>			
				Signed By <u>Rex T. Back</u>		Date <u>12-17-2025</u>	