

SOUTH DAKOTA WATER WELL COMPLETION REPORT

2024

Location <u>NW 1/4 SE 1/4</u> Sec <u>20</u> Twp <u>25</u> Rg <u>9E</u>		Well Owner: <u>Mervin Hilty</u>	
County <u>Pennington</u>		Business Name: _____	
GPS Coordinates		Address: <u>24460 Assurance Ln</u>	
Lat: <u>43.859611</u>		City, State, Zip: <u>Hermosa, SD 57744</u>	
Lon: <u>-103.06461</u>			
Please mark well location with an "X" on section grid			
Well Completion Date <u>7-10-24</u>			
Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.) <u>7150</u> ft. from <u>Anything</u> (identify source)			
PROPOSED USE: ☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Monitoring Well ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Test Hole ☐ Dewatering Well ☐ Geothermal ☐ Other _____			
METHOD OF DRILLING: <u>Auger</u>			
CASING DATA: ☐ Steel ☒ Plastic ☐ Other _____ If other describe _____			
PIPEWEIGHT	DIAMETER	FROM	TO
LB/FT	IN	FT	FT
<u>16</u>	<u>16</u>	<u>13</u>	<u>31</u>
IN	IN	FT	FT
<u>24</u>	<u>24</u>	<u>24</u>	<u>24</u>
IN	IN	FT	FT
<u>24</u>	<u>24</u>	<u>24</u>	<u>24</u>
IN	IN	FT	FT
GROUTING DATA:			
Grout Type	No. of Sacks	Grout Weight	From To
		Lb/gal	Ft Ft
		Lb/gal	Ft Ft
Describe grouting procedure _____			
SCREEN: ☒ Perforated pipe ☐ Manufactured			
Diameter	Inches	Length	Feet
<u>16</u>	<u>16</u>	<u>23</u>	<u>23</u>
Material	<u>PVC</u>		
Slot Size	Set From	Feet to	Feet
<u>1/8"</u>	<u>8</u>	<u>23</u>	<u>23</u>
Other information <u>Gravel Packed to 7'</u>			
WAS A PACKER OR SEAL USED? ☒ Yes ☐ No			
If so, what material? <u>5 sacks Hole Plug</u>			
Describe packer(s) and location <u>6' to 7'</u>			
DISINFECTION: Was well disinfected upon completion?			
☒ Yes, How? <u>Chlorine Tabs.</u>			
☐ No, Why Not? _____			
Lab sample sent to for water quality analysis _____			
WELL LOG:			
FORMATION		DEPTH	
		FROM	TO
<u>Top Soil</u>		<u>0</u>	<u>2</u>
<u>Clay</u>		<u>2</u>	<u>5</u>
<u>Sand and cobbles</u>		<u>5</u>	<u>15</u>
<u>Shale</u>		<u>15</u>	<u>31</u>
STATIC WATER LEVEL <u>5'</u> FEET			
If flowing: closed in pressure _____ PSI			
GPM flow _____ through _____ inch pipe			
Controlled by ☐ Valve ☐ Reducers ☐ Other _____			
Reduced flow rate _____ GPM			
Can well be completely shut in? _____			
WELL TEST DATA:			
☒ Pumped Describe: _____			
☐ Bailed ☐ Air			
☐ Other _____			
Pumping Level Below Land Surface			
<u>30</u>	Ft. After	<u>1</u>	Hrs. pumped <u>1-2</u> GPM
<u>30</u>	Ft. After	<u>2</u>	Hrs. pumped <u>1-2</u> GPM
If pump installed, pump rate: _____ GPM			
REMARKS			
This well was drilled under license # <u>823</u>			
And this report is true and accurate.			
Drilling firm: <u>Venckamp's Well Drilling LLC</u>			
Signature of License Representative: _____			
Signature of Well Owner or Equitable Property Holder: _____			
Date: _____			

Please return White Copy to DANRW Water Rights 523 E. Capitol Ave., Pierre SD 57501

OFFICE OF
WATER