

8613-3

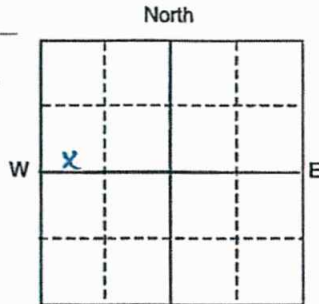
SD EForm - 1621LD V1

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location NW 1/4 NW 1/4 Sec 22 Twp 32N Rg 41ECounty CLAY

Please mark well location with an "X"



Well Completion Date

JULY 23, 2021

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
ft. from _____ (identify source)

PROPOSED USE:

☐ Domestic/Stock ☒ Municipal ☐ Business ☐ Test holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well
METHOD OF DRILLING: CAISSON EXCAVATIONBY CRANE & CLAMSHELL. 20' 10" X 24"
LATERAL SCREENS (HORIZONTAL) JACKINGCASING DATA: ☐ Steel ☐ Plastic ☒ OtherIf other describe STEEL REINFORCED CONCRETE

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>16.962</u> LB/FT	<u>240</u> IN	<u>0</u> FT	<u>98.5</u> FT	<u>246</u> IN
<u>19.39</u> LB/FT	<u>246</u> IN	<u>98.5</u> FT	<u>105.5</u> FT	<u>246</u> IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>GOLD SEAL</u>		<u>0</u> Lb/gal	<u>0</u> Ft	<u>98</u> Ft

Describe grouting procedure

ANNULAR SPACE AROUND CAISSON FILLED
WITH BENIDITE AS CAISSON SUNKSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 12.75 OD Inches Length 2350 FeetMaterial STAINLESS STEELSlot Size 0.15 Set From 99 Feet to 102 FeetOther information 3 LATERALS @ 250'
1 LATERAL @ 220', 1 @ 250' LONG, EACH
LATERAL HAS 10' BLANK @ CAISSON ENDWAS A PACKER OR SEAL USED? ☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion? CAISSON☒ Yes, How? 200PPM IN LATERALS☐ No, Why Not?

Lab to which water quality sample sent for analysis

Well Owner: LEWIS & CLARK RURAL WATER

Business Name:

Address: 31474 SD. HIGHWAY 19City, State, Zip: VERMILLION, SD 57069

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>SAND, FINE, SILTY, MANY STUMPS</u>	<u>0</u>	<u>16'</u>
<u>SAND, FINE TO MED</u>	<u>16'</u>	<u>63'</u>
<u>SAND, FINE GRAINED</u>	<u>63'</u>	<u>69'</u>
<u>SAND, MED-COARSE W/GRK</u>	<u>69'</u>	<u>78'</u>
<u>SAND, FINE-MED GRAINED</u>		
<u>WITH GRAVEL</u>	<u>78'</u>	<u>105'</u>

STATIC WATER LEVEL 20 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: 3- 200HP V. TURBINE
☐ Bailed PUMPS TO MO. RIVER
☐ Other

Pumping Level Below Land Surface

42 Ft. After 72 Hrs. pumped 15,230 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

THIS IS A HORIZONTAL COLLECTOR WELL
SEE DRAWING ATTACHEDThis well was drilled under license # 513 and this report is true and accurate.Drilling firm: LAYNE CHRISTENSEN CO. INC.

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Signature of Well Owner or Equitable Property Holder:

Date: 1-4-22

RECEIVED

JAN 12 2022

WATER RIGHTS PROGRAM

EL 1139.54
--- TOP OF DEADMAN EL. 1138.84



 LAINE CONSTRUCTION 6301 JEFFERSON ROAD DALLAS, TEXAS 75231 (214) 684-4333 / FAX (214) 684-5704	
SITE B HORIZONTAL LEMS CLARK REGIONAL WATERMILL SOUTH DRYD COLLECTOR WELL	
FILE NAME:	1025601-05
DATE:	8/25/21
PROJECT #	1025601-05
BUY NO.	200004-43
SCALE:	AS NOTED
FIGURE:	3

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