

11N05W01 BA
WELL LOG REPORT

Lewis & Clark
File No. 41E-C09/661-00

State law requires that the Bureau's copy be filed by the water well driller within 60 days after completion of the well.

105434

1. WELL OWNER

NameRAY D. & KARI BREKKE

2. CURRENT MAILING ADDRESS

1608 HAUSER BLVD

HELENA MT.59601

3. WELL LOCATION

1/4

NE

1/4

NW

1/4

Section

1

Township

11N

N/S Range

5W

E/W County

L&C

Govn't Lot

or Lot

Block

Subdivision Name

Manley O Mortensen

Tract Number

2

4. PROPOSED USE:

Domestic☒Stock☐Irrigation☐

Other☐specify

5. TYPE OF WORK:

New well☒Method: Dug☐Bored☐

Deepened☐Cable☐Driven☐

Reconditioned☐Rotary☒Jetted☐

6. DIMENSIONS: Diameter of Hole

Dia.6in. from0ft. to159ft.

Dia.in. fromft. toft.

Dia.in. fromft. toft.

7. CONSTRUCTION DETAILS:

Casing; SteelDia.6 5/8from+2ft. to18ft.

Threaded☐Welded☒Dia.fromft. toft.

Type250Wall Thickness1/4

Casing; PlasticDia.4from9ft. to159ft.

Weight160Dia.fromft. toft.

PERFORATIONS:Yes☒No☐

Type of perforator usedFACTORY PERF

Size of perforations2in. by.025in.

PVCperforations from139ft. to159ft.

perforations fromft. toft.

perforations fromft. toft.

SCREENS:Yes☐No☒

Manufacturer's Name

TypeModel No.

Dia.Slot sizefromft. toft.

Dia.Slot sizefromft. toft.

GRAVEL PACKED:Yes☐No☒Size of gravel

Gravel placed fromft. toft.

ROUTED:To what depth?18ft.

Material used in groutingBENTONITE W/DRIVING

8. WELL HEAD COMPLETION:

Pitless Adapter☐Yes☒No

9. PUMP (if installed)

Manufacturer's name

TypeModel No.HP.

10. WELL TEST DATA

The information requested in this section is required for all wells. All depth measurements shall be from the top of the well casing.

All wells under 100 gpm must be tested for a minimum of one hour and provide the following information:

a) Air☒PumpBailer85ft. If flow- ing; closed-in pressurepsi.gpm.

Flow controlled by:valve,reducers, other,(specify)

c) Depth at which pump is set for test159

d) The pumping rate:15gpm.

e) Pumping water level142ft. at1hrs. after pumping began.

f) Duration of test: Pumping time1hrs.

g) Recovery time6MINhrs.

h) Recovery water level85ft. at 6MINhrs. after pumping stopped.

Wells intended to yield 100 gpm or more shall be tested for a period of 8 hours or more. The test shall follow the development of the well, and shall be conducted continuously at a constant discharge at least as great as the intended appropriation. In addition to the above information, water level data shall be collected and recorded on the Department's "Aquifer Test Data" form.

NOTE: All wells shall be equipped with an access port 1/2 inch minimum or a pressure gauge that will indicate the shut-in pressure of a flowing well. Removable caps are acceptable as access ports.

11. WAS WELL PLUGGED OR ABANDONED?Yes☐No☒

If yes, how?

12. WELL LOG

Depth (ft.)

FromToFormation

01TOPSOIL

113GRAVELY CLAY

13159CLAY

13. DATE COMPLETED2-18-94

14. DRILLER/CONTRACTOR'S CERTIFICATION

This well was drilled under my jurisdiction and this report is true to the best of my knowledge.

4-18-94

Date

H&L DRILLING INC.

Firm Name

P.O. BOX 919 EAST HELENA MT.59635

Address

Signature

447

License No.