MONTANA WELL LOG REPORT

This well log reports the activities of a licensed Montana well driller, serves as the official record of work done within the borehole and casing, and describes the amount of water encountered. This report is compiled electronically from the contents of the Ground Water Information Center (GWIC) database for this site. Acquiring water rights is the well owner's responsibility and is NOT accomplished by the filing of this report.

Other Options

Go to GWIC website
Plot this site in State Library Digital Atlas
Plot this site in Google Maps
View hydrograph for this site
View field visits for this site
View water quality for this site
View scanned well log (8/1/2008 2:00:11 PM)

Site Name: HELKE, DAVID M. AND JEANNE M.
GWIC Id: 207853

Section 1: Well Owner(s)

1) HELKE, DAVID AND JEANIE (WELL)
716 KOOTENAI RIVER RD
TROY MT 59935 [07/18/2019]
2) HELKE, DAVID M. AND JEANNE M. (MAIL)
18108 N JUDY DR
COLBERT WA 99005-9375 [04/26/2003]

Section 2: Location

Township	Range	Section	Quarter Sections
31N	34W	12	NE¼ NE¼ NE¼ SE¼

County	Geocode	Parcel
LINCOLN		

Latitude	Longitude	Geomethod	Datum
48.461317	-115.881609	DIGITALMAP	WGS84

Ground Surface Altitude	Ground Surface Method	Datum	Date
1935	LIDAR	NAVD88	12/20/2023

Measuring Point Altitude	MP Method	Datum	Date Applies
1937.54	LIDAR	NAVD88	7/18/2019 11:19:00 AM

Addition	Block	Lot
EAGLE COVE		

Section 3: Proposed Use of Water

DOMESTIC (1)

Section 4: Type of Work

Drilling Method: ROTARY
Status: NEW WELL

Section 5: Well Completion Date

Date well completed: Saturday, April 26, 2003

Section 6: Well Construction Details

Borehole dimensions

From	To	Diameter
0	95	6

Casing

From	To	Diameter	Wall Thickness	Pressure Rating	Joint	Type
-2	95	6	0.250		WELDED	STEEL

Completion (Perf/Screen)

From	To	Diameter	# of Openings	Size of Openings	Description
95	95	6			OPEN BOTTOM

Annular Space (Seal/Grout/Packer)

From	To	Description	Cont. Fed?
0	0	BENTONITE	Y

Section 7: Well Test Data

Total Depth: 95
Static Water Level: 64
Water Temperature:

Air Test *

25 gpm with drill stem set at 90 feet for 2 hours.
Time of recovery _ hours.
Recovery water level _ feet.
Pumping water level _ feet.

** During the well test the discharge rate shall be as uniform as possible. This rate may or may not be the sustainable yield of the well. Sustainable yield does not include the reservoir of the well casing.*

Section 8: Remarks

Section 9: Well Log

Geologic Source

112DRFT - GLACIAL DRIFT

From	To	Description
0	32	GRAVEL / COBBLES / BOULDERS / SAND
32	38	GRAVEL / SILT / SAND- BROWN
38	58	SAND / SILT / CLAY - TAN AND BROWN
58	65	GRAVEL / SAND
65	68	SILTY CLAY / BROWN / SAND / GRAVEL / WATER
68	84	SAND / CEMENTED SAND / SILT / WATER
84	88	SAND / CEMENTED SAND / GRAVEL / WATER
88	95	GRAVEL / WATER

Driller Certification

All work performed and reported in this well log is in compliance with the Montana well construction standards. This report is true to the best of my knowledge.

Name: DAVID M. ILIFF
Company: B & B DRILLING INC
License No: WWC-427
Date Completed: 4/26/2003