## **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**

Return to menu Plot this site in State Library Digital Atlas Plot this site in Google Maps View scanned well log (7/14/2009 11:44:18 AM)

Site Name: LEOPOLD KIRK & FREDDI

GWIC Id: 152832

Section 1: Well Owner(s)

1) LEOPOLD, KIRK AND FREDDI (MAIL)

**BOX 2168** 

BIGFORK MT 59911 [09/30/1995]

Section 2: Location

**Township** Quarter Sections Range Section 26N SW1/4 NE1/4 NE1/4 19W 29 Geocode County

LAKE

Latitude	Longitude	Geomethod	Datum	
47.991251	-114.033039	TRS-SEC	NAD83	

Addition **Block** Lot COS 5095

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, September 30, 1995

#### **Section 6: Well Construction Details**

There are no borehole dimensions assigned to this well.

Casing

From	То		Wall Thickness	Pressure Rating	Joint	Туре
-2	18	6				STEEL
10	251	4				PVC

Completion (Perf/Screen)

			# of	Size of	
From	То	Diameter	Openings	Openings	Description
251	261	4			.025 EAGLE SCR.

Annular Space (Seal/Grout/Packer)

			Cont.
From	То	Description	Fed?
0	18	PORLAND CEMENT	

Section 7: Well Test Data

Total Depth: 261 Static Water Level: 72 Water Temperature:

Air Test \*

30 gpm with drill stem set at \_ feet for 1.5 hours.

Time of recovery \_ hours. Recovery water level \_ feet. Pumping water level 195 feet.

\* During the well test the discharge rate shall be as uniform as possible. This rate may or may not be the sustainable yield Ground Surface Altitude Ground Surface Method Datum Date of the well. Sustainable yield does not include the reservoir of the well casing.

Section 8: Remarks

WES DRILLING FILE NO: 166-261-995

Section 9: Well Log **Geologic Source** 

400BELT - BELT SUPERGROUP

40000	400DELI - DELI SUFERGROUF			
From	То	Description		
0	4	CLAY & GRAVEL		
4	136	GRAY ROCK		
136	147	SOFT BROWN ROCK SEEP AT 139'		
147	162	GRAY ROCK 3 GPM AT 148'		
162	258	GRAY GREEN ROCK 5 GPM AT 173'		
258	261	FRACTURED BROWN ROCK 30 GPM 259'		

#### **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: Company: WES License No: WWC-483 Date 9/30/1995 Completed:

FORM NO. 603 (R 6-94)

# WELL LOG REPORT

26N19W29AAC

File No. 166-261 State law requires that the Bureau's copy be filed by the water well driller within 60 days after completion of the well.

1. WELLOWNER NameKirk & Freddi Leopold  2. CURRENT MAILING ADDRESS	f) Duration of test: Pumping timehrs. g) Recovery timehrs. h) Recovery water levelft. athrs. 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 ½ inch minimum or a pressure gauge that will indicate the shut-in pressure of a flowing well. Removable caps are acceptable as access ports.			
Tract Number 5 COF #5095  4. PROPOSED USE: Domestic Stock Irrigation	11. WAS WELL PLUGGED OR ABANDONED?YesXNo   YesXNo   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes			
Other - specify	12. WELL LOG			
5. TYPE OF WORK:  New well  Method: Dug  Bored  Deepened  Cable Driven	Depth (ft.) From To Formation  0 4 Clay & gravel 4 136 Gray rock			
Reconditioned Rotary Jetted	136 147 Soft brown rock (seep 8			
6. DIMENSIONS: Diameter of Hole Dia. 10 in. from 0 ft. to 18 ft.	139 162 Gray rock 3GPM 9 148			
Dia. 6 in. from 18 ft. to 261 ft.	102 230 Gldy green 100% 3GPM to			
Diain. fromft. toft.	258 261 Fractured brown rook			
7. CONSTRUCTION DETAILS:  Casing; Steel Dia. 6.625 from 2AGL ft. to 18 ft.  Threaded □ Welded ☑ Dia. from ft. to ft.  Type A53B Wall Thickness 250  Casing; Plastic Dia. 4 from 10 ft. to 251 ft.  Weight 160 Dia. from ft. to ft.  PERFORATIONS: Yes □ No □  Type of perforator used  Size of perforations from ft. to ft.  perforations from ft. to ft.  perforations from ft. to ft.  SCREENS: Yes □ No □  Manufacturer's Name Eagle  Type PVC Model No. 160#  Dia. 4 Slot size 025 from 251 ft. to 261 ft.  Dia. Slot size from ft. to ft.  GRAVEL PACKED: Yes □ No □ Size of gravel Gravel placed from ft. to ft.  GROUTED: To what depth? 18 ft.  Material used in grouting Portland Coment				
8. WELL HEAD COMPLETION: Pitless Adapter □ Yes □ No	ATTACH ADDITIONAL SHEETS IF NECESSARY			
9. PUMP (if installed)  Manufacturer's nameN / A  Type Model NoHP	13. YELLOWSTONE CLOSURE AREA: WATER TEMPERATURE			
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 XX Pump Bailer  b) Static water level immediately before testing 72 ft. If flowing; closed-in pressure psi. gpm. Flow controlled by: valve, reducers, other, (specify)  c) Depth at which pump is set for test 259  d) The pumping rate: 30 gpm.  e) Pumping water level 195 ft. at 1 hrs. after pumping began.	14. DATE COMPLETED Sept. 30, 1995  15. DRILLER/CONTRACTOR'S CERTIFICATION  This well was drilled under my jurisdiction and this report is true to the best of my knowledge.  Oct. 23, 1995  Date  WES Drilling  Firm Name  P.O. Box, 5403, Kalispell, MT 59903  Address  Address  License No.			

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DIVING