Form 238-7

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D0061510

DRILLING PERMIT NO. 8609086

Water Right or Injection Well#

2. OWNER:

Name: **Mark Keogh**

Address: **33303 South Hells Gulch Rd.**

City: **St. Maries** State: **Idaho** Zip **83861**

3. LOCATION OF WELL by legal description

Twp. 47N Rge. 3W

Sec. 36 10 acres 1/4 N/E 40 acres , S/E 160 acres 1/4

Gov't Lot County Benewah

Lat. 47 ° 22 624 Deg. And Decimal min.

Long. 116 ° 39 38 Deg. And Decimal min.

Address of well site: 1.2 Mile on Hells Gulch 33303

City: St. Maries

Lot Blk. Sub. Name

4. USE:

[X] Domestic [ ] Municipal [ ] Monitor [ ] Irrigation [ ] Injection

5. TYPE OF WORK:

[X] New Well [ ] Replacement [ ] Modify existing [ ] Abandonment [ ] Other

6. DRILL METHOD: Air Rotary

7. SEALING PROCEDURES:

Seal Material	From	To (ft)	Quantity (lbs. or ft.)	Placement method/procedure
Bentonite	0	38	950	Pour

8. CASING/LINER:

Diameter (nominal)	From	To	Guage/Schedule	Material	Casing	Liner	Threaded	Welded	Glued
6	+2	60	250	Steel	X			X	
4	-5	255	160	PVC		X			X

Was drive shoe used? yes Shoe Depth 60

9. PERFORATIONS/SCREENS

Perforations [X] Yes [ ] No Method Drill

Manufactured screen [ ] Yes [X] No Type

Method of installation:

From	To	Slot Size	Number	Diam.	Material	Guage or Schedule
255	235	1"	16	4"	PVC	160 liner
215	195	1"	16	4"	PVC	160 liner
175	155	1"	16	4"	PVC	160 liner

Length of Headpipe Length of tailpipe:

Packer [ ] Yes [X] No Type:

10. FILTER PACK

Filter Material	From	To		Wt./Volume	Placement Method
NONE					

11. FLOWING ARTESIAN:

Flowing artesian [ ] Yes [X] No Artesian Pressure (PSIG)

Describe control device: Cap

12. STATIC WATER LEVEL AND WELL TESTS:

Depth first water encountered (ft) 126 Static water level: 65

Water temp. 50 degrees Bottom hole temp.

Describe access port: cap

Well Test: Test Method:

Drawdown (feet)	Discharge or yield	Test Duration	Pump	Bailer	Air	Flowing Artesian
	100+	2 hrs	[ ]	[ ]	[x]	[ ]

Water quality test or comments: Good, clear, no odor

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia.	From (ft.)	To (ft.)	Remarks, lithology or description of repairs or abandonment	Water Y	Water N
10"	0	3	Brown Clay		
	3	6	Broken Basalt		
	6	18	Hard Black Basalt		
	18	42	Brown Clay and Basalt mix		
8"	42	121	Hard Black Basalt		
6"	121	126	Medium Hard Basalt	X	2gpm
	126	140	Hard Black Basalt		
	140	198	Medium Hard Black Basalt	X	3gpm
	198	242	Hard Black Basalt		
	242	252	Broken Basalt	X	100 gpm
	252	255	Hard Black Basalt		

RECEIVED
JUL 31 2013
IDWR / NORTH

Completed Depth (Measurable): 255

Date Started: 7/8/2013 Date Completed: 7/9/2013

14. DRILLER'S CERTIFICATION:

Company Name: All-Ways Drilling, Inc. Co. No. 510

Principal Driller Stanley K Wolfe Date 7/29/13

Driller Stanley K Wolfe Date 7/29/13

Operator II Date

*Signature of Principal Driller and rig operator are required.

Stanley K Wolfe 7/29/13

47N 03W 36