Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

AD

1. WELL TAG NO. D 0058864
Drilling Permit No. 861684
Water right or injection well #

2. OWNER: Marty Halpern
Name Marty Halpern
Address PO Box 128
City Ellis State ID Zip 83235

3.WELL LOCATION:
Twp. 17 North ☒ or South ☐ Rge. 20 East ☒ or West ☐
Sec. 14 ____ 10 acres 1/4 NE 40 acres 1/4 NW 160 acres 1/4
Gov't Lot ____ County Lemhi
Lat. 44 ° 48.629 (Deg. and Decimal minutes)
Long. 114 °04.065 (Deg. and Decimal minutes)
Address of Well Site Hat Creek
(Give at least name of road + Distance to Road or Landmark) City Salmon/Ellis
Lot. ____ Blk. ____ Sub. Name ____

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other ____

5. TYPE OF WORK:
☒ New well ☐ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other ____

6. DRILL METHOD:
☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other ____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method/procedure
bentonite	0	38	950 lbs	temp casing

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
6	+1	40	.250	steel	☒	☐	☐	☒
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 40'

9. PERFORATIONS/SCREENS:
Perforations ☒ Y ☐ N Method ____
Manufactured screen ☐ Y ☒ N Type SDR-21
Method of installation lowered into place

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
44	104	.1875	5/ft	4.5	PVC	SDR-21

Length of Headpipe 20 Length of Tailpipe 0
Packer ☐ Y ☒ N Type ____

10.FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method

11. FLOWING ARTESIAN:
Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) ____
Describe control device ____

12. STATIC WATER LEVEL and WELL TESTS:
Depth first water encountered (ft) 73 Static water level (ft) 50
Water temp. (°F) cold Bottom hole temp. (°F) cold
Describe access port sanitary well seal

Well test: **Test method:**

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
104	50	2 hrs	☐	☐	☒	☐
			☐	☐	☐	☐

Water quality test or comments: none

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water Y	Water N
10	0	10	brown shale		X
	10	18	gold granite loose		X
	18	38	brown granite wet		X
6	38	50	hard granite		X
	50	55	grey granite hard		X
	55	60	wet brown grey hard granite		X
	60	73	grey granite		X
	73	80	brown granite	X	
	80	90	grey granite		X
	90	92	dark brown granite	X	
	92	104	grey granite		X

RECEIVED
AUG 23 2011
DEPT. OF WATER RESOURCES
SOUTHERN REGION

Completed Depth (Measurable): 104'
Date Started: 8/3/2011 Date Completed: 8/4/2011

14. DRILLER'S CERTIFICATION:
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Harber Drilling Co. No. 430
*Principal Driller Alan Harber Date Aug 9, 2011
*Driller ____ Date ____
*Operator II Alan Harber Date 8/9/2011
Operator I ____ Date ____

*** Signature of Principal Driller and rig operator are required.**

7-29-11