

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

1. WELL TAG NO.

DOO72389

DRILLING PERMIT NO.

880544

Water Right or Injection Well#

2. OWNER:

Name:

Nancy Darnell

Address:

1215 Saddle Ridge Road

City:

Viola

State:

Idaho

Zip

83872

3. LOCATION OF WELL by legal description:

Twp.

41N

Rge.

4W

Sec.

21

1/4

N/W

N/E

1/4

10 acres

40 acres

160 acres

Gov't Lot

County

Latah

Lat.

46

0

53

145

Deg. And Decimal min.

Long.

116

0

50

614

Deg. And Decimal min.

Address of well site:

City: Hwy 6 to Hatter Ck. To Gemsey to Sunset, Princeton

4. USE:

☒ Domestic
 ☐ Municipal
 ☐ Monitor
 ☐ Irrigation
 ☐ Injection

5. TYPE OF WORK:

☒ New Well
 ☐ Replacement
 ☐ Modify existing
 ☐ Abandonment
 ☐ Other

6. DRILL METHOD:

Air Rotary

7. SEALING PROCEDURES:

Seal Material	From	To (ft)	Quantity (lb. or ft.)	Placement method/procedure
Bentonite	0	38	1250	Pour

8. CASING/LINER:

Diameter	From	To	Gauge/Schedule	Material	Casing	Liner	Threaded	Welder	Glue
6"	+2	128	250	Steel	X			X	
4"	-10	550	Sch 40	PVC		X			X

Was drive shoe used?

yes

Shoe Depth

128

9. PERFORATIONS/SCREENS

 Perforations ☒ Yes ☐ No Method **Skill Saw**
 Manufactured screen ☐ Yes ☒ No Type **1/8 X 6"**

Method of Installation:

From	To	Slot Size	Number	Diam.	Material	Gauge or Schedule
530	510	1/8	30	4"	PVC	Sch. 40
490	470	1/8	30	4"	PVC	Sch. 40
450	430	1/8	30	4"	PVC	Sch. 40

Length of Headpipe

Length of Tailpipe:

Packer ☐ Yes ☒ No Type:

10. FILTER PACK

Filter Material	From	To	WL/Volume	Placement Method
NONE				

11. FLOWING ARTESIAN:

 Flowing artesian ☐ Yes ☒ No Artesian Pressure (PSIG) _____
 Describe control device: **CAP**

12. STATIC WATER LEVEL AND WELL TESTS:

Depth first water encountered (ft) **310** Static water level: **144'**Water temp. **50** degrees Bottom hole temp. _____Describe access port: **CAP**

Well Test:

Test Method:

Drawdown (feet)	Discharge or yield	Test Duration	Pump	Ball	Air	Flowing Artesian
Est. 5+		2 hrs	☐	☐	☐	☐

Water quality test or comments:

Cloudy

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia.	From (ft.)	To (ft.)	Remarks, lithology or description of repairs or abandonment	Water	
				Y	N
10	0	1	top soil		
	1	4	brown clay		
	4	46	red clay		
8	46	60	red clay and sand		
	60	68	red clay and shale mix		
	68	81	brown clay		
	81	110	tan clay		
	110	190	medium hard brown granite		
6	190	260	hard gray granite		
	260	310	hard black and gray granite		
	310	340	medium hard brown granite		1/2gpm
	340	370	medium hard granite		
	370	410	gray granite		
	410	483	medium hard gray and black granite	X	
	483	515	hard black and gray granite		
	515	550	hard gray granite		

Completed Depth (Measurable): **550**Date Started: **11/11/2016**Date Completed: **11/16/2016**

14. DRILLER'S CERTIFICATION:

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

Principal Driller

*Stanley K Wolfe*Date **12/3/16**

Driller

Stanley K Wolfe

Date **12/3/16**

Operator II

Date

*Signature of Principal Driller and rig operator are required.

RECEIVED
DEC 05 2016
IDWR / NORTH