

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D0059408DRILLING PERMIT NO. 861677

Water Right or Injection Well# _____

2. OWNER:

Name: Mark McCalmanAddress: 6817 West H12City: Lancaster State: CA Zip: 93536

3. LOCATION OF WELL by legal description

Twp. 46 North Rge. 2 WestSec. 8 E1/2 1/4 SW # N/W 1/4
10 acres 40 acres 160 acresGov't Lot _____ County BenewahLat. 47 ° 20 900 Deg. And Decimal min.Long. 116 ° 37 664 Deg. And Decimal min.Address of well site: Hwy. 3, Grandma's WayCity: St. Maries, Idaho

Lot _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Injection

5. TYPE OF WORK:

☒ New Well ☐ Replacement ☐ Modify existing ☐ Abandonment ☐ Other6. DRILL METHOD: Air Rotary

7. SEALING PROCEDURES:

Seal Material From To (ft) Quantity (lbs. or ft.) Placement method/procedure

Bentonite 0 38 1000 Pour

8. CASING/LINER:

Diameter (inches) From To Gauge/Schedule Material Casing Liner Threaded Welded Glued

6 +2 100 250 Steel X X X X4 -5 395 160 PVC X X X XWas drive shoe used? YES Shoe Depth 98

9. PERFORATIONS/SCREENS

Perforations ☒ Yes ☐ No Method DrillManufactured screen ☐ Yes ☒ No Type _____

Method of installation:

From To Slot Size Number Diam. Material Gauge or Schedule

380 360 1" 16 4" PVC 160 liner340 320 1" 16 4" PVC 160 liner300 280 1" 16 4" PVC 160 liner

Length of Headpipe _____ Length of tailpipe: _____

Packer ☐ Yes ☒ No Type: _____

10. FILTER PACK

Filter Material From To W/L/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) 285 Static water level: 32Water temp. 50 Bottom hole temp. _____Describe access port: cap

Well Test: _____ Test Method: _____

Drawdown (feet)	Discharge or yield	Test Duration	Pump	Ball	Air	Flowing Artesian
	<u>20+</u>		☐	☐	☒	☐

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	N
10	0	2	Brown Dirt		
	2	15	Brown Clay and Shale Rock		
	15	21	Light Brown Clay and Shale		
	21	30	Gray Shale, Hard		
	30	62	Brown Shale, Brown Clay		
8	62	78	Brown Clay and Grey Shale Rock		
	78	85	Brown and Gray Shale		
	85	110	Gray Shale, Hard		
6	110	115	Gray and Brown Shale		
	115	170	Hard Gray Shale		
	170	178	Medium Brown and Gray Shale		
	178	285	Hard Gray Shale		
	285	320	Medium Hard Gray Shale	X	5gpm
	320	332	Hard Gray Shale		
	332	365	Medium Hard Gray Shale		
	365	380	Hard Gray Shale	X	
	380	400	Medium Hard Shale		
RECEIVED SEP 14 2011 IDWR / NORTH					
Completed Depth (Measurable):			<u>400</u>		
Date Started:			<u>8/3/2011</u>	Date Completed: <u>8/5/2011</u>	

14. DRILLER'S CERTIFICATION:

Company Name: All Ways Drilling, Inc. Co. No. 510Principal Driller Stanley K Wolfe Date 8/30/11Driller Stanley K Wolfe Date _____

Operator II _____ Date _____

*Signature of Principal Driller and rig operator are required.

Stanley K Wolfe 8/30/11