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Form 238-7

JUL 10 1998

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT 77511

Use Typewriter or Ballpoint Pen

NORTHERN REGION

1. DRILLING PERMIT NO. D-0003895Other IDWR No. 92-98-N-14

2. OWNER:

Name DAVE CALDWELLAddress RT 4City FERNWOOD State ID Zip 83830

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

POSTED

N		Twp. <u>43</u>		North ☒ or South ☐	
E		Rge. <u>1</u>		East ☒ or West ☐	
S		Sec. <u>15</u>		1/4 NE 1/4 SW 1/4	
W		Gov't Lot _____		County <u>SASHONA</u>	
		Lat: _____		Long: _____	
		Address of Well Site <u>Emerald Creek Road</u>		City <u>CLARKIA</u>	

(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
<u>Bentinite</u>	<u>0</u>	<u>190</u>	<u>500</u>		<u>Poured</u>

 Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 190'
 Was drive shoe seal tested? ☒ Y ☐ N How? Air

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6" +1</u>	<u>190</u>	<u>250</u>	<u>steel</u>		☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

20 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control devices: _____

43 N 1E 15

FORWARD WHITE COPY TO WATER RESOURCES

Office Use Only

Inspected by _____

Twp _____ Rge _____ Sec _____

_____ 1/4 _____ 1/4 _____ 1/4

Lat: _____ Long: _____

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>Est. 75 Gal. min.</u>			

Water Temp. cold Bottom hole temp. coldWater Quality test or comments: goodDepth first Water Encountered 60 ft

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water	Y	N
<u>8</u>	<u>0</u>	<u>3</u>	<u>Top Soil</u>			☒
<u>8</u>	<u>3</u>	<u>12</u>	<u>Brown Clay</u>			☒
<u>8</u>	<u>12</u>	<u>19</u>	<u>Broken Basalt</u>			☒
<u>8</u>	<u>19</u>	<u>50</u>	<u>Broken Basalt</u>			☒
<u>8</u>	<u>50</u>	<u>65</u>	<u>Brown Clay</u>		☒	
<u>8</u>	<u>65</u>	<u>180</u>	<u>Mica Sand</u>		☒	
<u>8</u>	<u>180</u>	<u>190</u>	<u>Mica Sand & Gray clay</u>		☒	
<u>6</u>	<u>190</u>	<u>200</u>	<u>Hard fine gray clay</u>		☒	

Completed Depth 200' (Measurable)Date: Started 6/19/98 Completed 6/20/98

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name PRECISION DRILLING Firm No. 558Firm Official Precision Drilling Date 6/20/98and Supervisor or Operator Jim Cannon Date 6/20/98

(Sign once if Firm Official & Operator)