

Permit No. 74-15050

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Staff Analysis Field Report for Exempted Wells

1. X Copy of Permit
2. X Copy of proof of beneficial use
3. X Copies of amendments, orders with conditions
4. X Permit is for one owner
5. X Confirm one owner of the place of use
 - X Tax lot Research
 - Telephone call
 - Office visit
6. X Aerial photo of parcel for the water right file (copy of aerial required)
7. X Well driller's report
8. X Domestic use only
9. X 0.04 cfs or less on water permit
10. Check if alternative source of water is available for domestic use:
11. X Other information:

Volume calculation:

10 campsites * 5 people per site * 5gpd per person * 365 days (period of use) =

91,250 gallons or 0.28 AF

Rounded up to the next 10th = 0.3AF

Note: Water use estimates from Forest Service Handbook 7409.11, Section 44.11-Exhibit 01.

AUTHENTICATION

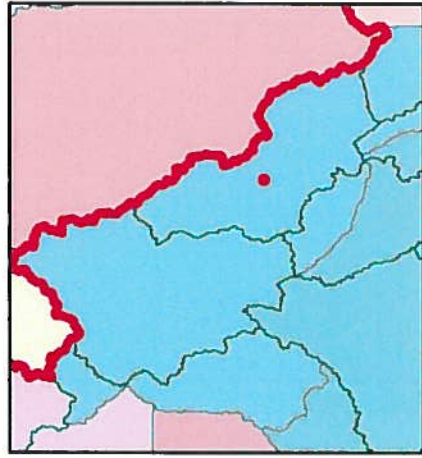
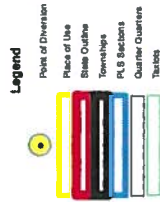
Examiner Name Cody Allen Date 12/05/2011

Reviewer James Cefalo Date Dec 12, 2011



Idaho Department of Water Resources

Water Right
74-15050
(DOMESTIC)



Lemhi County
IDWR Basin 74

Prepared by Allen, Cody
On December 05, 2011
2009 Aerial Photography



RECEIVED

Form 238-7

JAN 12 2004

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

Department of Water Resources

Eastern Region

DRILLING PERMIT NO.

Water Right or Injection Well No.

0020604

74

2. OWNER:

Name BLM Salmon field office
 Address 50 Hwy 93 S.
 City SALMON State Id Zip 83467

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 17 North ☒ or South ☐
 Rge. 24 East ☒ or West ☐
 Sec. 14 NW 1/4 SE 1/4 SE 1/4
 Gov't Lot _____
 County Lemhi

Lat: _____ Long: _____
 Address of Well Site McFarland Campground
Hwy 28 City Leadore
 (Give all names of road + Distance to Road or Landmark)
 Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other Campground well

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 Material	From	To	Weight / Volume	Seal Placement Method
<u>Bentonite slurry</u>	<u>0</u>	<u>65</u>	<u>1100 GAL</u>	<u>pumped</u>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 91.5 Ft
 Was drive shoe seal tested? ☒ Y ☐ N How? Drove into clay

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>8"</u>	<u>+3'</u>	<u>94.5'</u>	<u>.322</u>	<u>Steel</u>	☒	☐	☒	☐
<u>6"</u>	<u>5</u>	<u>300</u>	<u>.250</u>	<u>Steel</u>	☐	☒	☒	☐

Length of Headpipe _____ Length of Tailpipe _____
 Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method PLASMA
 Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>300</u>	<u>280</u>	<u>1/8"</u>	<u>3 per</u>	<u>6"</u>	<u>Steel</u>	☐	☒
<u>240</u>	<u>220</u>	<u>1/8"</u>	<u>FT</u>	<u>6"</u>	<u>Steel</u>	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

4 ft. below ground Artesian pressure _____ lb.
 Depth flow encountered _____ ft. Describe access port or control devices: Removable well cap



BLM Page 1

Office Use Only

Well ID No. _____
 Inspected by _____
 Twp _____ Rge _____ Sec _____
 1/4 1/4 1/4
 Lat: _____ Long: _____

12. WELL TESTS:

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
<u>25 gpm</u>	<u>N/A</u>	<u>280 Ft</u>	<u>4 HRS</u>

Water Temp. cold Bottom hole temp. cold

Water Quality test or comments: NONE

Depth first Water Encounter 68 Ft

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>12"</u>	<u>0</u>	<u>5</u>	<u>SAND & GRAVEL mx</u>		☒
	<u>5</u>	<u>45</u>	<u>GRAVEL, SMALL AMOUNTS OF SAND mx</u>	☒	
	<u>45</u>	<u>60</u>	<u>GRAVEL & CLAY mx</u>	☒	
	<u>60</u>	<u>65</u>	<u>GREEN CLAY</u>		☒
<u>8"</u>	<u>65</u>	<u>70</u>	<u>GREEN CLAY & QUARTZITE mx</u>	☒	
	<u>70</u>	<u>75</u>	<u>GREEN CLAY & QUARTZITE mx</u>		☒
	<u>75</u>	<u>85</u>	<u>GREEN CLAY</u>		☒
	<u>85</u>	<u>95</u>	<u>GREEN CLAY & QUARTZITE mx</u>		☒
	<u>95</u>	<u>105</u>	<u>GREEN CLAY</u>		☒
	<u>105</u>	<u>110</u>	<u>LITE GREEN & TAN CLAY mx</u>	☒	
	<u>110</u>	<u>113</u>	<u>GREENISH BLUE CLAY</u>		☒
	<u>113</u>	<u>115</u>	<u>BLUE CLAY</u>		☒
	<u>115</u>	<u>117</u>	<u>BLUE CLAY & QUARTZITE mx</u>		☒
	<u>117</u>	<u>120</u>	<u>BROWN, TAN, BLUE CLAY LAYERED</u>		☒
	<u>120</u>	<u>121</u>	<u>QUARTZITE</u>	☒	
	<u>121</u>	<u>123</u>	<u>BROWN CLAY</u>		☒
	<u>123</u>	<u>125</u>	<u>BLUE, TAN, BROWN CLAY LAYERED & QUARTZITE mx</u>	☒	
	<u>125</u>	<u>130</u>	<u>DARK BLUE CLAY with some TAN CLAY mx</u>		☒
	<u>130</u>	<u>135</u>	<u>BROWN CLAY</u>		☒
	<u>135</u>	<u>140</u>	<u>TAN & BLUE CLAY mx</u>		☒
	<u>140</u>	<u>141</u>	<u>BLuish GREEN CLAY</u>		☒
	<u>141</u>	<u>145</u>	<u>LITE BLUE, TAN, BROWN CLAY LAYERED</u>		☒
	<u>145</u>	<u>150</u>	<u>BROWN CLAY, some blue, GREEN TAN CLAY LAYERED & QUARTZITE mx</u>		☒
	<u>150</u>	<u>157</u>	<u>LITE BROWN & BROWN CLAY mx</u>	☒	
	<u>157</u>	<u>160</u>	<u>LITE BLUE & TAN CLAY mx</u>		☒
	<u>160</u>	<u>165</u>	<u>QUARTZITE & TAN CLAY mx</u>	☒	

Completed Depth 300 Ft (Measurable)

Date: Started 10-15-03 Completed 11-22-03

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 JAFCO Firm No. 504

Principal Driller Jim Foster Date 12-22-03

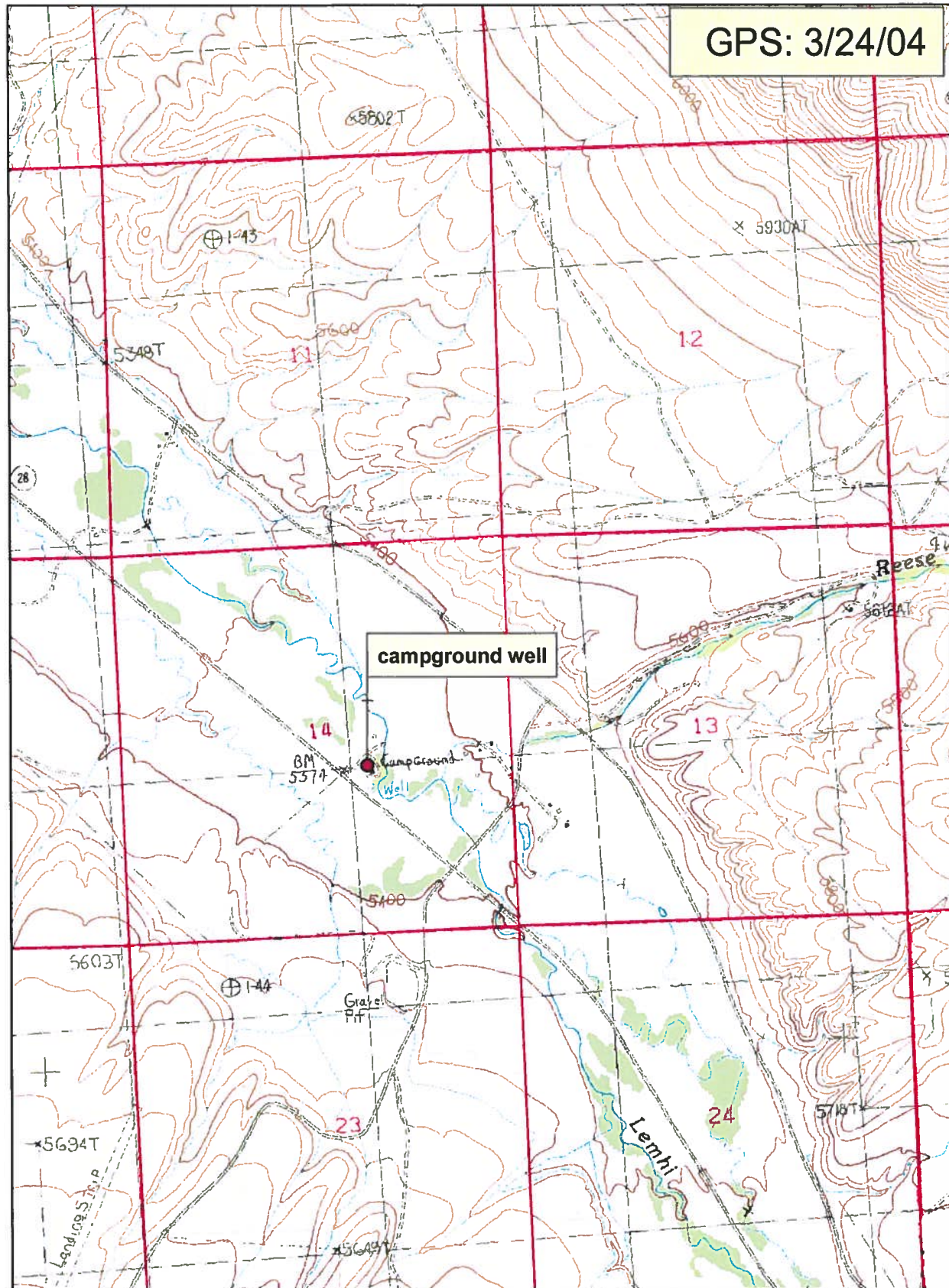
Driller or Operator II Red Foster Date 12-22-03

Operator I Bob Robinson Date 12-22-03

Principal Driller and Rig Operator Required.
 Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

McFarland Campground Well



1:24,000



No warranty is made by the Bureau of Land Management (BLM) for use of this data for purposes not intended by the BLM

