Form 238-7
6/89

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

# WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

USE TYPEWRITER OR BALLPOINT PEN

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**1. WELL OWNER**

Name John & Judy Bailey

Address Benewah RD. St. Maries, Idaho

Owner's Permit No. 95-90-N-105

**2. NATURE OF WORK**

☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

**3. PROPOSED USE**

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

**4. METHOD DRILLED**

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

**5. WELL CONSTRUCTION**

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

| Thickness | Diameter | From | To |
|---|---|---|---|
| .250 inches | 6" inches | + 3 feet | 150 feet |
| _____ inches | _____ inches | _____ feet | _____ feet |
| _____ inches | _____ inches | _____ feet | _____ feet |
| _____ inches | _____ inches | _____ feet | _____ feet |

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☒ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☒ Torch ☐ Gun
Size of perforation 3/16 inches by 6" inches

| Number | From | To |
|---|---|---|
| 140 perforations | 110 feet | 148 feet |
| _____ perforations | _____ feet | _____ feet |
| _____ perforations | _____ feet | _____ feet |

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ____ Slot size ____ Set from _____ feet to _____ feet
Diameter ____ Slot size ____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☐ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 18+ Material used in seal: ☐ Cement grout
☒ Bentonite ☐ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port _____

**6. LOCATION OF WELL**

Sketch map location must agree with written location.

N / W / E / S

Subdivision Name _____ Lot No. _____ Block No. _____

County Benewah

SE ¼ SE ¼ Sec. 22, T. 46 N ☒ S ☐ R. 3 E ☐ W ☒

**7. WATER LEVEL**

Static water level 48' feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

**8. WELL TEST DATA**

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

| Discharge G.P.M. | Pumping Level | Hours Pumped |
|---|---|---|
| Est 100 GPM's | | |
| | | |
| | | |
| | | |

**9. LITHOLOGIC LOG**

| Bore Diam. | Depth From | Depth To | Material | Water Yes | Water No |
|---|---|---|---|---|---|
| 8" | 0 | 42 | Broken Basalt | | |
| " | 42 | 130 | Basalt Firm | X | |
| " | 130 | 150 | Basalt Softer | | |
| | | | Small Amount Water AT 85' | | |
| | | | Most [redacted] of water AT 115' & 130' | | |

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**10.** Work started 10-4-90 finished 10-5-90

**11. DRILLERS CERTIFICATION**

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

Firm Name AQUA DRILLING & EXPLORATION, INC Firm No. 163

Address PO BOX 225 Coeur d'Alene, ID Date 10-6-90

Signed by (Firm Official) Scott N. Braun/Pres

and

(Operator) Scott N. Braun/President

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USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT