

1. WELL OWNER

Name James Isabell

Address St. Maries, Idaho

Owner's Permit No. 91-90-N-3

7. WATER LEVEL

Static water level 192 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.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Well diameter increase

☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
<u>Est. 48 GPM's</u>		

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal

☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

☐ Other _____ (specify type)

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
8"	0	10	Red Clay		
"	10	30	Gray Clay		
"	30	105	Red Clay		
"	105	169	Red Clay with Rock		
"	169	180	Brown Clay		
"	180	210	White Clay		
"	210	220	Soft Broken Basalt		
"	220	230	Med Basalt 8 GPM's	X	
"	230	235	Basalt Hard		
6"	235	285	Basalt Hard		
"	285	290	Broken Basalt 40 GPM's	X	
"	290	302	Hard Basalt		

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary

☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☒ Other PVC

Thickness	Diameter	From	To
<u>.250</u> inches	<u>6"</u> inches	<u>1</u> feet	<u>235</u> feet
<u>160 PSI</u> inches	<u>4"</u> inches	<u>221</u> feet	<u>301</u> feet
<u>PVC</u> inches			

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 1/8 inches by 6" inches ☒ SAW

Number	From	To
<u>6" casing</u>		
<u>Iron 14</u> perforations	<u>225</u> feet	<u>234</u> feet
<u>4" PVC 80</u> perforations	<u>262</u> feet	<u>292</u> 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 _____ 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

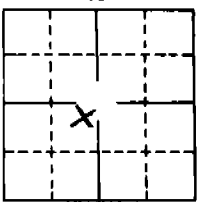
Describe access port _____

RECEIVED
MAY 29 1990
Department of Water Resources

RECEIVED
MAY 23 1990
NORTHERN REGION
IDWR

6. LOCATION OF WELL

Sketch map location must agree with written _____



Subdivision Name _____

Lot No. _____ Block No. _____

County Kootenai

NE 1/4 SW 1/4 Sec. 35, T. 47 N ☒ S ☐ R. 3 E ☐ W ☒

MICROFILMED
AUG 13 1990

10. Work started 4-25-90 finished 4-27-90

11. DRILLERS CERTIFICATION

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

AQUA Drilling +

Firm Name Exploration Inc Firm No. 163

Address P.O. Box 225 CDA, ID Date 4-30-90

Signed by (Firm Official) Scott M. Braun

and

(Operator) Scott M. Braun

DL