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Form 238-7
3/95

OCT 10 1997

NORTHERN REGION
IDWR

POSTED

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT 097773

Use Typewriter or Ballpoint Pen

Office Use Only
Inspected by _____
Twp____ Rge____ Sec____
____1/4____1/4____1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. 95.97.N.41 .
Other IDWR No. _____

2. OWNER:
Name William & Kay Conner
Address 1200 Henderson
City Helena State MT Zip 59601

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 50 North ☒ or South ☐
Rge. 2 East ☐ or West ☒
Sec. 29, ____ 1/4 SE 1/4 NE 1/4
(10 acres, 40 acres, 160 acres)
Gov't Lot ____ County Kootenai
Lat: : : Long: : :
Address of Well Site 5.2315 west Gateway Rd (Wolf Lodge) City Coeurd'Alene
(Give at least name of road + Distance to Road Intersection or Landmark)

Lt. ____ Blk. ____ Sub. Name Gate way Ranch
LT 008, LT 08A, LT009, LT 09A

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 Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	30	9	overbore
casing Seal				

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 72½'
Was drive shoe seal tested? ☒ Y ☐ N How? Air Pressure

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+3½	72½	¼"	steel	☒	☐	☒	☐
4"	-21	166	160 PSI	PVC	☐	☒	☒	☐
					☐	☐	☐	☐

Length of Headpipe ____ Length of Tailpipe ____

9. PERFORATIONS/SCREENS
☒ Perforations Method Saw-cut
☐ Screens Screen Type ____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
149	166	½"x6"	36	4"	PVC	☐	☒
100	120	"	36	4"	PVC	☐	☒
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
15 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: Bolted well cap

11. WELL TESTS:
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
17½ GPM's			

Water Temp. Cold Bottom hole temp. Cold
Water Quality test or comments: Good
Depth first Water Encountered 3

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

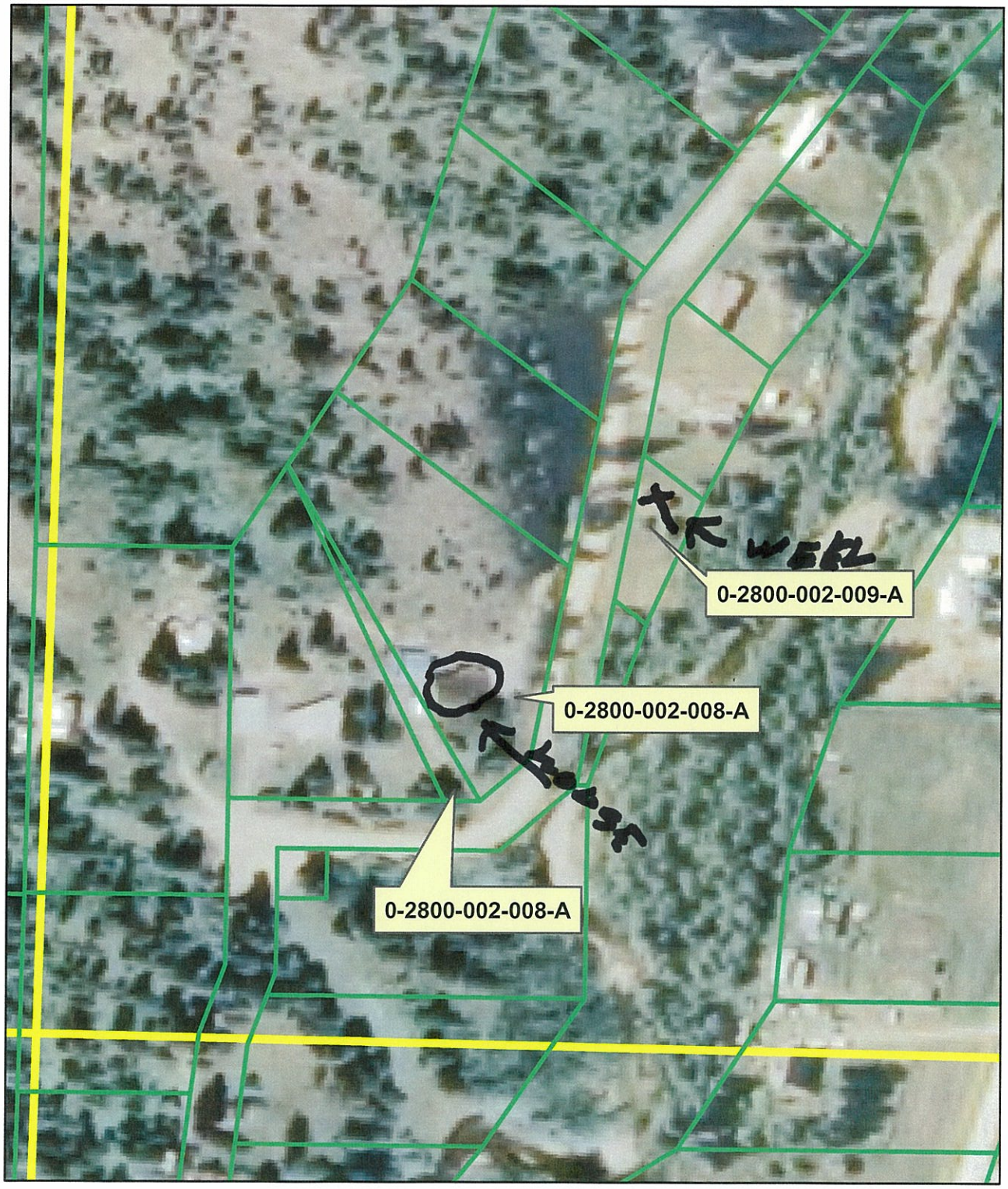
Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
8"	0	1	Top Soil		
"	1	14	Clay + Gravel some surface water		
"	14	53	Clay, Runny Gray		
"	53	56	Broken shale + Clay		
"	56	65	Slity Clay		
"	65	71	Broken Shale and Slity Brown Clay		
			Est 25 GPM's Developed for 1½ Hour and would not clear or Clean up		
			This water Completely cased off with 6" steel Pipe with Customer Approval		
8"	71	73½	Blue Shale firm		
6"	73½	97	Blue shale		
"	97	107	Broken shale 10 GPM's	X	
"	107	120	shale Firm		
"	120	147	Shale with Broken Areas 6 GPM's	X	
"	147	162	Shale Firm		
"	162	170	Shale Broken 1½ GPM	X	
			Total Volume of water between 73½' - 170' Est. 17½ GPM's		

Completed Depth 166' (Measurable)
Date: Started 6-2-97 Completed 6-3-97

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 AQUA DRILLING & EXPLORATION INC. Firm No. 163
Firm Official Scott M. Braun Pres. Date 6-3-97
and
Supervisor or Operator Scott M. Braun Date ____
(Sign once if Firm Official & Operator)

SENE 29 50N 2W

FOR WHITE COPY TO WATER RESOURCES

CONNER PIN 0-2800-002-009-A