103

Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

RECEIVED
JAN 30 2006
WATER RESOURCES
WESTERN REGION

837908

Office Use Only
Well ID No. 408334
Inspected by
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0042404
DRILLING PERMIT NO
Water Right or Injection Well No.

2. OWNER:
Name Jery Upchurch
Address 26885 Bird Haven Court
City Wilder State Id Zip 83676

3. LOCATION OF WELL by legal description:
You must provide address or Lot, Blk, Sub or Directions to well.
Twp 4 North ☑ or South ☐
Rge 5 East ☐ or West ☑
Sec 22, ____ 1/4 (10 acres) NW 1/4 (40 acres) SW 1/4 (160 acres)
Gov't Lot ____ County Canyon
Lat: : : Long: : :
Address of Well Site undeveloped, by 26885 Bird Haven Court off Fargo Rd. City Wilder
(Give at least name of road + Distance to Road or Landmark)
Lt 3 Blk 1 Sub. Name Bird Haven SUB

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 Material	From	To	Weight / Volume	Seal Placement Method
Bentonite	0	44	½ Ton	Poured down Annular

Was drive shoe used? ☑ Y ☐ N Shoe Depth(s) 147'
Was drive shoe seal tested? ☑ Y ☐ N How? Bailer

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+3	147	250	Steel	☑	☐	☑	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe ____ Length of Tailpipe ____
Packer ☐ Y ☐ N Type

9. PERFORATIONS/SCREENS PACKER TYPE
Perforation Method
Screen Type & Method of Installation

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

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
73 ft below ground Artesian pressure ____ lb
Depth flow encountered 170 ft Describe access port or control devices: 4in-bolt domestic cap

12. WELL TESTS:
☐ Pump ☑ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
15	5'	78'	2 hrs

Water Temp. 58° Bottom hole temp 58°
Water Quality test or comments: 13 gr hard
Depth first Water Encounter 113

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology Water Quality & Temperature	Water Y	Water N
10	0	1	Top Soil		✓
10	1	12	Dusty dirt		
10	12	19	Dirt and gravel		
8	19	33	Dirt & gravel		
8	33	35	gravel		
8	35	42	dirty gravel		
8	42	44	Loose pea gravel		
7⅞	44	67	hard packed brown sand & gravel		
	67	72	brown clay and gravel		
	72	73	boulder		
	73	87	hard packed brown sand		✓
	87	113	hard packed abrasive brown sand		
	113	114	Sand streak, Loose	✓	
	114	116	Brown dirty clay and sand		✓
	116	120	caked med. & fine grey sand	✓	
	120	122	Soft clay, pipe Kindly freed up		✓
	122	126	Jelled yellow brown fine muck		
	126	131	Sandy blue clay		
	131	143	slightly sandy blue clay		
	143	145	Sandy blue clay		
7⅞	145	147	blue clay		
6	147	155	blue clay		
	155	156	(+ scant 156) hard grey sand stone		
	156	157	blue clay		✓
	157	166	Fast drilling blue clay with tiny black sand streaks 12 gpm	✓	
	166	170	good blue clay		✓
6	170	172	black med & coarse sand and ant pile gravel & a few ½" rocks	✓	

Completed Depth 171 (Measurable)
Date: Started 12-21-05 Completed 1-20-06

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 A-Line Firm No 566
Principal Driller Russell A. Johnston Date 1-23-06
and
Driller or Operator II Russell A. Johnston Date 1-23-06
Operator I ____ Date ____
Principal Driller and Rig Operator *Required.*
Operator I must have signature of Driller/Operator II

FORWARD WHITE COPY TO WATER RESOURCES