

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

RECEIVED

MAY 21 2007

838418

Office Use Only
Well ID No. 408796
Inspected by _____
Twp _____ Rge _____ Sec _____
1/4 _____ 1/4 _____ 1/4 _____
Lat: _____ Long: _____

1. WELL TAG NO. D 0047164
DRILLING PERMIT NO. 893096-838418
Water Right or Injection Well No. 63-12579

2. OWNER:
Name Idaho State Transportation Dept
Address PO Box 7129
City Boise State ID Zip 83707

3. LOCATION OF WELL by legal description:
You must provide address or Lot, Blk, Sub. or Directions to well.
Twp. 2 North or South
Rge. 3 East or West
Sec. 28 N/E 1/4 N/E 1/4 S/W 1/4
Gov't Lot _____ County Ada
Lat: 43:28':45.78" Long: 116:6':17.64"
Address of Well Site 1.5 miles NW of exit 64 on westbound
I-84 City Boise
(Give at least name of road + Distance to Road or Landmark)
Lt. _____ Blk. _____ Sub. Name Black's Creek Rest Area

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 reverse

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
bentonite chips	0	203	7 cu yd	poured
cement	203	685	11 cu yd	pumped

Was drive shoe used? Y N Shoe Depth(s) _____
Was drive shoe seal tested? Y N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
10	2	55	365	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	5.5	807.5	322	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	807.5	810	280	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____
Screen Type & Method of Installation Johnson 304

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
810	830	30		6	stnls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
855	945	30		6	stnls	<input checked="" type="checkbox"/>	<input type="checkbox"/>

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
669 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

12. WELL TEST REGION

Pump Bailor Air Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
106	20.5	689.5	24 hrs

Water Temp. _____ Bottom hole temp. _____
Water Quality test or comments: _____
Depth first Water Encounter _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
15	0	1	topsoil		X
	1	103	cemented sand, gravel & boulders	X	
	103	125	cemented sand & gravel	X	
	125	180	cemented sand, gravel & boulders	X	
13	5180	208	cemented sand & gravel	X	
	208	213	clay	X	
	213	235	cemented sand & gravel	X	
	235	265	cemented sand, gravel, boulders	X	
	265	320	cemented sand, smaller gravel	X	
	320	382	cemented sand, gravel	X	
	382	392	clay	X	
	392	410	cemented gravel & boulders	X	
	410	590	cemented sand, gravel, clay	X	
	590	610	sand, gravel, boulders	X	
	610	650	cemented sand & gravel	X	
	650	680	clay	X	
	680	792	cemented sand & clay streaks	X	
	792	830	sand & small gravel	X	
	830	845	clay	X	
	845	940	sand & small gravel	X	
	940	990	cemented sand, gravel & clay	X	
	990	1010	boulder or granite, very hard	X	
	#7	8-12	sand 685-990 8 cu yd poured		
	#8				
6	830-855		.280 steel casing welded		
6	945-965		.280 steel casing welded		

Completed Depth 965' (Measurable)
Date: Started 11/20/06 Completed 1/4/07

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 Stevens & Sons Firm No. 153
Principal Driller Ronald Stevens Date 4/30/07
and
Driller or Operator II _____ Date _____
Operator I _____ Date _____
Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.