870033-772999

Form 238-7
3/95-C96

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
_____ 1/4 _____ 1/4 _____ 1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. __-__-D-0019-593
Other IDWR No. _____

2. OWNER:
Name Craig Castagneto
Address P.O. Box 1582 (4102 Ivy Dr. Nampa 83686)
City Boise State ID Zip 83701

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

N
W E S

Twp. 2 North ☒ or South ☐
Rge. 3 East ☐ or West ☒
Sec. 28 1/4 (10 acres) SE 1/4 (40 acres) SW 1/4 (160 acres)
Gov't lot _____ County Canyon
Lat: : : Long: : :
Address of Well Site 7073 Skyline Rd.
City Nampa
(Give at least name of road + Distance to Road or Landmark)
Lt. _____ Blk. _____ Sub. Name _____

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	19+'	30S	Overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 519'
Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2'	519'	.250	Steel	☒	☐	☒	☐
4 1/2"	512'	624'	sc40	PVC	☐	☒	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
☒ Perforations Method saw
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
572'	624'	1/4x	200	4.5	PVC	☐	☒
		4"				☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
355ft. below ground Artesian Pressure _____ lb
Depth flow encountered _____ ft. Describe access port or control devices: _____

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

Yield gal/min.	Drawdown	Pumping Level	Time
15 +		520'	1 Hr.

Water Temp. 72 F Bottom hole temp. _____
Water Quality test or comments: _____
Depth first Water Encountered _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temp.	Water Y	Water N
10"	0	5'	Brown Top Soil		☒
10"	5'	19'	Black Cinders/Lava		☒
8"	19'	130'	Black Cinders/Lava		☒
8"	130'	215'	Black Lava		☒
8"	215'	245'	Brown Sand & Gravel		☒
6"	245'	270'	Brown Sand & Gravel		☒
6"	270'	350'	Brown Sandy Clay & Clay Strips		☒
6"	350'	360'	Fine Brown Sand W/Clay Strips	☒	
6"	360'	403'	Brown Clay & Sand Strips		☒
6"	403'	412'	Blue/Grey Clay		☒
6"	412'	418'	Fine Grey Sand	☒	
6"	418'	450'	Blue Grey Clay		☒
6"	450'	470'	Brown Clay W/Strips of Sand		☒
6"	470'	482'	Grey Clay W/Strips of Grey Sand		☒
6"	482'	545'	Grey Clay		☒
6"	545'	592'	Cracks in Grey Clay	☒	
6"	592'	625'	Grey Clay		☒

RECEIVED
FEB 19 2002
WATER RESOURCES
WESTERN REGION

Completed Depth: 625 (Measurable)
Date: Started 01/22/02 Completed 01/30/02

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 Down Right Drilling & Pump Firm No. 637
Firm Official _____ Date _____
Supervisor or Operator _____ Date 1-31-02
(Sign once if Firm Official & Operator)

Date: 01/31/02 Time: 11:17 AM

EXHIBIT
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