

WELL DRILLER'S REPORT

State of Utah

Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

Change Application: a40723 (73-3970)

WIN: 440526

Owner

Note any changes

Cody Roberts
PO Box 793
Logandale NV 89021

Contact Person/Engineer: _____

Well Location

Note any changes

N 550 W 1875 from the E4 corner of section 02, Township 37S, Range 12W, SL B&M

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #)

Drillers Activity

Start Date: Dec 14, 2016 Completion Date: May 28, 2017

Check all that apply: New Repair Deepen Clean Replace Public Nature of Use: Culinary

If a replacement well, provide location of new well. _____ feet north/south and _____ feet east/west of the existing well.

DEPTH (feet) FROM TO		BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	45	15"	Cable tool	Water
45	80	12"	" "	water
80	225	8"	" "	water
225	637	6"	" "	Bentonite Slurry

Well Log

DEPTH (feet) FROM TO	WATER	PERMEABLE	UNCONSOLIDATED						CONSOLIDATED	ROCK TYPE	COLOR	DESCRIPTION AND REMARKS (e.g., relative %, grain size, sorting, angularity, bedding, grain composition density, plasticity, shape, cementation, consistency, water bearing, odor, fracturing, mineralogy, texture, degree of weathering, hardness, water quality, etc.)
			CLAY	SAND	GRAVEL	COBBLES	BOULDER	OTHER				
0	8		X	X							Red/Brown	
8	45		X	X	X						Tan	
45	50	X	X			X	X					caving -
50	203		X	X							Brown	Balls up - some sandy clay - unstable
203	318		X	X							Brown	some blue streaks
318	322	X		X	X						Dark Brown	some limestone fine gravel
322	358			X							Red-Brown	
358	361			X	X						" "	Softer - Caving
361	380		X	X							Brown	Brown clay Balls up
380	383	X	X		X							Angular limestone gravel

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 MAR 28 2017
 WATER RIGHTS
 CEDAR CITY

Static Water Level

Date Mar 27, 2017 Water Level 105 feet Flowing? Yes No
 Method of Water Level Measurement Drill log If Flowing, Capped Pressure _____ PSI
 Point to Which Water Level Measurement was Referenced ground Elevation _____
 Height of Water Level reference point above ground surface _____ feet Temperature _____ degrees C F

Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		<input type="checkbox"/> SCREEN <input checked="" type="checkbox"/> PERFORATIONS <input type="checkbox"/> OPEN BOTTOM		
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SCREEN SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
35	55	Steel	1/4"	14"	—				
+1	225	Steel A53B	1/4"	8 7/8"	—				
+1.5	610.5	Steel A252	1/4"	6 5/8"	598.5	610.5	1/8"	2"	Factory
589	631	Steel A53B	3/4"	5 5/8"	617	631	— 1/8"	2 1/2 - 3"	torch

Well Head Configuration: Capped Access Port Provided? Yes No
 Casing Joint Type: welded Perforator Used: _____
 Was a Surface Seal Installed? Yes No Depth of Surface Seal: 80 feet Drive Shoe? Yes No
 Surface Seal Material Placement Method: dropped chips / poured Grout
 Was a temporary surface casing used? Yes No If yes, depth of casing: _____ feet diameter: _____ inches

DEPTH (feet)		SURFACE SEAL / INTERVAL SEAL / FILTER PACK / PACKER INFORMATION		
FROM	TO	SEAL MATERIAL, FILTER PACK and PACKER TYPE and DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
35	80	Bastote chips		
0	35	12 bag grout mix	2 yards	12 bag -

Well Development and Well Yield Test Information

DATE	METHOD	YIELD	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
4-16	Bailer	10	X		60	2 hrs
4-17	"	15	X		45	6 hrs
4-20	"	15	X		45'	2 hrs

Pump (Permanent)

Pump Description: NA Horsepower: _____ Pump Intake Depth: _____ feet
 Approximate Maximum Pumping Rate: _____ Well Disinfected upon Completion? Yes No

Comments

Description of construction activity, additional materials used, problems encountered, extraordinary Circumstances, abandonment procedures. Use additional well data form for more space.

Pretty rusty clay all the way - ball up every run - not an adequate aquifer so grout to sand free production - has a very deep well

Well Driller Statement

This well was drilled and constructed under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name THAYER WELL DRILLING

(Person, Firm, or Corporation - Print or Type)

License No. 661

Signature [Signature]

(Licensed Well Driller)

Date Mar 28, 2017

