

WELL DRILLER'S REPORT

State of Utah

Division of Water Rights

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

Well Identification

Non-Production Well: 1473002M00

WIN: 437931

Owner

Note any changes

Enoch City Corporation
900 E Midvalley Rd.
Enoch, UT 84721

Contact Person/Engineer: Tim Watson

Well Location

Note any changes

S 2050 W 2300 from the NE corner of section 17, Township 35S, Range 10W, SL B&M

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

Drillers Activity

Start Date: 8-25-14

Completion Date: 2-20-15

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

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	39	12 1/4"	MUD ROTARY	BENTONITE - POLYMER
39	900	7 7/8"	" "	" "
0	100	30"	MUD ROTARY	BENTONITE - POLYMER
100	1004	22"	MUD ROTARY	BENTONITE - POLYMER

Well Log

DEPTH (feet) FROM TO	WATER	PERMEABLE High Low	UNCONSOLIDATED						CONSOLIDATED		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.)	
			C L L A L Y T	S A N D	G R A V E L	C O B B L E S	B O T H E R	ROCK TYPE	COLOR			
0	17											
17	21			X	X			X			BROWN	
21	151											
151	229							X	X			VERY HARD
229	291								X	X		VERY HARD
291	327							X	X			
327	342							X	X			
342	347								X			VERY HARD
347	353								X	TUFF		VERY HARD
353	370								X	TUFF		HARD FRACTURED

RECEIVED
 MAR 11 2015
 WATER RIGHTS
 CEDAR CITY

Static Water Level

Date 1-21-15 Water Level 463 feet Flowing? Yes No
 Method of Water Level Measurement Soundings If Flowing, Capped Pressure _____ PSI
 Point to Which Water Level Measurement was Referenced TOP OF CASING Elevation _____
 Height of Water Level reference point above ground surface 2' feet Temperature _____ degrees C F

Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		<input checked="" type="checkbox"/> SCREEN	<input 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)
+1	102	A 53 GRADE B	.312	24"	620	700	.050	16"	304 STAINLESS STEEL
+2	120	L 53 GRADE B	.312	16"	740	820	.050	16"	304 STAINLESS STEEL
700	740	A 53 GRADE B	.312	16"	860	900	.050	16"	304 STAINLESS STEEL
820	860	A 53 GRADE B	.312	16"					
900	940	A 53 GRADE B	.312	16"	940	980	.050	16"	304 STAINLESS STEEL
980	1000	A 53 GRADE B	.312	16"					

Well Head Configuration: STEEL PLATE Access Port Provided? Yes No
 Casing Joint Type: BUTT WELDED Perforator Used: SCREEN 304 STAINLESS
 Was a Surface Seal Installed? Yes No Depth of Surface Seal: 100 feet Drive Shoe? Yes No
 Surface Seal Material Placement Method: PUMPED BOTTOM TO TOP
 Was a temporary surface casing used? Yes No If yes, depth of casing: 40 feet diameter: 6 5/8 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.)
0	100	50/50 PERMANENT SEAL	10 YARDS	16 lb 100%
100	1000	3/8" PEA GRAVEL	55 YARDS	100%

Well Development and Well Yield Test Information

DATE	METHOD	YIELD	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
9-22-14	AIR LIFT	1800 (FM)			400'	7 hrs
10-14-14	TEST PUMP	40 LFP USE	X		39'	
10-21-14	TEST PUMP	DEVELOPMENT	X		380	227 hrs

Pump (Permanent)

Pump Description: _____ 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.

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 GRIMSHAW DRILLING

License No. 240

Signature [Signature]

Date 3-10-15

WELL DRILLER'S REPORT ADDITIONAL DATA FORM

State of Utah
Division of Water Rights

Well Identification

Non-Production Well: 1473002M00

Owner

Note any changes

Enoch City Corporation
900 E Midvalley Rd.
Enoch, UT 84721

Contact Person/Engineer: _____

Well Location

Note any changes

S 2050 W 2300 from the NE corner of section 17, Township 35S, Range 10W, SL B&M

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

Well Log		WATER	PERMEABLE	UNCONSOLIDATED					CONSOLIDATED		ROCK TYPE	COLOR	DESCRIPTION AND REMARKS (c.g., relative %, grain size, sorting, angularity, bedding, grain composition density, plasticity, shape, cementation, consistency, water bearing, odor, fracturing, micrology, texture, degree of weathering, hardness, water quality, etc.)
DEPTH (feet) FROM	TO			CLAY	SAND	GRAVEL	BOULDER	OTHER	ROCK TYPE	COLOR			
376	392								X	TUFF	Red/white	Very Hard	
392	404								X	TUFF		Fractured Hard	
404	410								X			Very Hard	
410	450							X	X			Hard	
450	467			X		X	X	X	X		White Clay	Hard	
467	488			X					X		Red/white Clay	Very Hard - Dense -	
488	515								X	Mudstone	Pink	Hard	
515	538	X	X						X	Mudstone	Orange	Fractured - Big Mud Lose (Hard)	
538	581								X	Mudstone	Pink	Hard	
581	613	X	X						X	Quartz Monzonite	Pink Orange	Hard Fractured (Granite)	
613	638								X	Quartz Monzonite	Maroon Brown	Hard	
638	684	X	X						X	Quartz Monzonite		Hard Fractured Mud Lose	
684		X	X						X	Quartz Monzonite		Fracture Big Mud Lose	
684	700	X	X						X	Quartz Monzonite		Very Hard Fractured	
700	743	X	X						X	Quartz Monzonite		Hard Fractured	
743	784								X	Quartz Monzonite		Very Hard	
784	797								X	Quartz Monzonite		Hard Fractured	
797	813	X	X						X	Quartz Monzonite		Fractured Big Mud Lose - Hard	
813	816	X	X						X	Quartz Monzonite		Lost Circulation Big Fracture	
816	842	X	X						X	Quartz Monzonite		Fracture Lost Circulation	
842	843								X	Quartz Monzonite		Big Fracture " "	

RECEIVED

MAR 11 2015

WATER RIGHTS

CEDAR CITY

