



## WEBER-MORGAN HEALTH DEPARTMENT

GARY M. HOUSE, M.P.H.  
Health Officer / Director

September 3, 2010

Division Directors  
KAY LARRISON, Administration  
CLAUDIA PRICE, Nursing & Health Promotion  
LOUIS K. COOPER, Environmental Health  
COLLEEN JENSON, WIC

Daniel Dailey  
1546 E. Sunnyside Ave.  
Salt Lake City, UT 84102

RE: **Private Well Approval at:**  
14005 E. Hwy 39  
Huntsville, UT 84317  
Parcel # 23-021-0001

Dear Mr. Dailey:

The application for approval of the above referenced well has been submitted for review to determine conformance to the Weber-Morgan District Health Department Regulations for Installation and Approval of Nonpublic Water System Serving 1-14 Connections.

The following have been submitted:

1. The Water Right Number: E4188 (35-AREA)
2. Well driller license #724
3. The well is 150 feet deep with a clay layer greater than 15 feet.
4. The well yields greater than 10 GPM in 1 hour with a 70 foot drawdown.
5. The water samples for the partial inorganic analysis was submitted to Chem Tech Ford Laboratory on August 16, 2005.
6. A bacteriological water sample was collected by staff of this department on August 31, 2010. The water analysis was satisfactory.
7. This is not a shared well.

The required 100 foot protection zone around the well must be kept free from any septic tank absorption systems, garbage dumps, hazardous and toxic material storage or disposal sites, feed lots and other concentrated sources of pollution. We would recommend that a bacteriological sample be collected and submitted for analysis on an annual basis.

Based on compliance with the above requirements, the Health Department considers this an approved well for culinary purposes.

Please contact our office at 399-7160 if you have further questions.

Sincerely,



Michela Gladwell, LEHS  
Division of Environmental Health

# WELL DRILLER'S REPORT

State of Utah  
 Division of Water Rights  
 For additional space, use "Additional Well Data Form" and attach

*Pat's Point  
 CAF - 4999  
 PH 1170*

Well Identification | EXCHANGE APPLICATION: E4188 (35-AREA)

Owner | Note any changes  
 Dailey Family Limited Partnership  
 1546 East Sunny Side  
 Salt Lake City, UT 84105  
 Contact Person/Engineer:

Well Location | Note any changes  
 COUNTY: Weber  
 NORTH 500 feet WEST 150 feet from the SE Corner of  
 SECTION 32, TOWNSHIP 7N, RANGE 3E, SLB&M.

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

Drillers Activity | Start Date: JANUARY-21-2003 | Completion Date: FEBRUARY-12-2003  
 Check all that apply:  New  Repair  Deepen  Clean  Replace  Public Nature of Use:  
 If a replacement well, provide the location of the 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'	150'	8" INCH	CABLE TOOL	WATER

Well Log	DEPTH (feet) FROM	TO	WATER	PERMEABLE		UNCONSOLIDATED						CONSOLIDATED	ROCK TYPE	COLOR	DESCRIPTIONS 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.)	
				high	low	CLAY	SILT	SAND	GRAVEL	COBBLES	Boulders					Other
	0'	3'														TOP SOIL
	3'	18'							X	X	X	X				BROWN
	18'	34'					X									BROWN
	34'	52'					X		X							BROWN
	52'	89'										X	CONGLO.			BROWN
	89'	104'										X	SHALE			RED
	104'	141'										X	CONGLO.			BROWN
	141'	150'	X									X	SHALE			RED

Static Water Level | Date: FEBRUARY-12-2003 | Water Level: 1' feet | Flowing?  Yes  No  
 Method of Water Level Measurement: TAPE | If Flowing, Capped Pressure: \_\_\_\_\_ PSI  
 Point to Which Water Level Measurement was Referenced: GROUND | Ground Elevation (If known): \_\_\_\_\_  
 Height of Water Level reference point above ground surface: \_\_\_\_\_ feet | Temperature: \_\_\_\_\_  °C  °F

**Construction Information**

DEPTH (feet)		CASING			DEPTH (feet)		<input type="checkbox"/> SCREEN <input checked="" type="checkbox"/> PERFORATIONS <input checked="" 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)
0'	150'	STEEL	.250	6" inch	100'	150'	1/4	6" inch	3 per round every 5' fe

Well Head Configuration: WELDED CAP Access Port Provided?  Yes  No  
 Casing Joint Type: WELDED Perforator Used: TORCH-CUT  
 Was a Surface Seal installed?  Yes  No Depth of Surface Seal: 30' feet Drive Shoe?  Yes  No  
 Surface Seal Material Placement Method: HAND-POURED

Provide Seal Material description below:

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'	30'	HOLE-PLUG	22 BAGS	
30'	150'	3/8 WASHED GRAVEL	6 TONS	

**Well Development and Well Yield Test Information**

Date	Method	Yield	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
2-12-03	BAILER	10	X		70'	1 HOUR

**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 HARD ROCK DRILLING  
 (Person, Firm, or Corporation - Print or Type)  
 Signature [Signature]  
 (Licensed Well Driller)

License No. #724

Date 2-27-03