

State of California  
**Well Completion Report**  
WCR Form - DWR 188 Submitted 08/16/2017  
WCR2017-003624

Owner's Well Number 1 Date Work Began 08/02/2017 Date Work Ended 08/11/2017  
Local Permit Agency Humboldt County Department of Health & Human Services - Land Use Program  
Secondary Permit Agency \_\_\_\_\_ Permit Number 16/17-0721 Permit Date 02/17/2017

**Well Owner (must remain confidential pursuant to Water Code 13752)**

Name Melissa Cohen  
Mailing Address P.O. Box 172  
City Petrolia State CA Zip 95558

**Planned Use and Activity**

Activity New Well  
Planned Use Water Supply Irrigation - Agriculture

**Well Location**

Address 702 Chambers RD APN 105-071-006  
City Petrolia Zip 95558 County Humboldt Township 02 S  
Latitude \_\_\_\_\_ N Longitude \_\_\_\_\_ W Range 02 W  
Deg. Min. Sec. Deg. Min. Sec. Section 02  
Dec. Lat. 40.3204250 Dec. Long. -124.2696340 Baseline Meridian Humboldt  
Vertical Datum \_\_\_\_\_ Horizontal Datum WGS84 Ground Surface Elevation \_\_\_\_\_  
Location Accuracy \_\_\_\_\_ Location Determination Method \_\_\_\_\_ Elevation Accuracy \_\_\_\_\_  
Elevation Determination Method \_\_\_\_\_

**Borehole Information**

Orientation Vertical Specify \_\_\_\_\_  
Drilling Method Direct Rotary Drilling Fluid Bentonite  
Total Depth of Boring 160 Feet  
Total Depth of Completed Well 160 Feet

**Water Level and Yield of Completed Well**

Depth to first water 18 (Feet below surface)  
Depth to Static \_\_\_\_\_  
Water Level 27 (Feet) Date Measured 08/11/2017  
Estimated Yield\* 20 (GPM) Test Type Air Lift  
Test Length 4 (Hours) Total Drawdown 133 (Feet)  
\*May not be representative of a well's long term yield.

**Geologic Log - Free Form**

Depth from Surface Feet to Feet	Description
0   3	top soil
3   18	brown silty clay
18   23	blue silty clay
23   37	shale
37   58	blue rounded gravel
58   142	shale
142   157	fractured sandstone
157   160	franciscan formation

**Casings**

Casing #	Depth from Surface Feet to Feet		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	140	Blank	PVC	OD: 5.563 in.   SDR: 21   Thickness: 0.265 in.	0.265	5.563			
1	140	160	Screen	PVC	OD: 5.563 in.   SDR: 21   Thickness: 0.265 in.	0.265	5.563	Milled Slots	0.032	

