

D. Well Completion Reports



State of California
Well Completion Report WELL#2
Form DWR 188 Submitted 11/19/2018
WCR2018-010452

Owner's Well Number _____ Date Work Began 10/18/2018 Date Work Ended 10/25/2018
Local Permit Agency Humboldt County Department of Health & Human Services - Land Use Program
Secondary Permit Agency _____ Permit Number 18/19-0264 Permit Date 09/25/2018

Well Owner (must remain confidential pursuant to Water Code 13752)		Planned Use and Activity	
Name	_____	Activity	<u>New Well</u>
Mailing Address	_____	Planned Use	<u>Water Supply Irrigation - Agriculture</u>
City	_____ State _____ Zip _____		

Well Location			
Address		APN <u>017-033-008</u>	
City <u>Kneeland</u>	Zip <u>95549</u>	County <u>Humboldt</u>	Township <u>03 N</u>
Latitude <u>40 36 10.7568 N</u>	Longitude <u>-123 41 46.3955 W</u>	Range <u>04 E</u>	Section <u>35</u>
Deg. Min. Sec.	Deg. Min. Sec.	Baseline Meridian <u>Humboldt</u>	
Dec. Lat. <u>40.602988</u>	Dec. Long. <u>-123.696221</u>	Ground Surface Elevation	
Vertical Datum	Horizontal Datum <u>WGS84</u>	Elevation Accuracy	
Location Accuracy	Location Determination Method	Elevation Determination Method	

Borehole Information		Water Level and Yield of Completed Well	
Orientation <u>Vertical</u>	Specify _____	Depth to first water <u>105</u>	(Feet below surface)
Drilling Method <u>Direct Rotary</u>	Drilling Fluid <u>Air</u>	Depth to Static _____	
Total Depth of Boring <u>260</u>	Feet	Water Level <u>92</u> (Feet)	Date Measured <u>10/25/2018</u>
Total Depth of Completed Well <u>230</u>	Feet	Estimated Yield* <u>1</u> (GPM)	Test Type <u>Air Lift</u>
		Test Length <u>4</u> (Hours)	Total Drawdown <u>138</u> (feet)
		*May not be representative of a well's long term yield.	

Geologic Log - Free Form		
Depth from Surface Feet to Feet		Description
0	5	top soil
5	12	silt and sandstone
12	75	shale
75	160	shale sandstone mix
160	185	basalt
185	260	soft shale with small layers of sandstone

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11-20-18

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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)
1	0	70	Blank	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563		
1	70	230	Screen	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563	Milled Slots	0.032

Annular Material				
Depth from Surface Feet to Feet	Fill	Fill Type Details		Filter Pack Size
0	20	Bentonite	Other Bentonite	
20	260	Filter Pack	Other Gravel Pack	3/8 inch
				Pea Gravel

Other Observations:

Borehole Specifications		
Depth from Surface Feet to Feet	Borehole Diameter (Inches)	
0	260	10

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
Name: FISCH DRILLING			
Person, Firm or Corporation			
3150 JOHNSON ROAD	HYDESVILLE	GA	95547
Address	City	State	Zip
Signed: <i>[Signature]</i>	11/19/2018	683865	
C-57 Licensed Water Well Contractor	Date Signed	C-57 License Number	

Attachments
scan.pdf - Location Map

DWR Use Only							
CSG #	State Well Number	Site Code	Local Well Number				
				N			W
Latitude Deg/Min/Sec				Longitude Deg/Min/Sec			
TRIS:							
APN:							

State of California
Well Completion Report WELL#1
 Form DWR 188 Submitted 7/29/2019
 WCR2019-010450

Owner's Well Number _____ Date Work Began 07/11/2019 Date Work Ended 07/26/2019
 Local Permit Agency Humboldt County Department of Health & Human Services - Land Use Program
 Secondary Permit Agency _____ Permit Number 18/19-0423 Permit Date 11/15/2018

Well Owner (must remain confidential pursuant to Water Code 13752)		Planned Use and Activity
Name _____	Activity <u>New Well</u> Planned Use <u>Water Supply Irrigation - Agriculture</u>	
Mailing Address _____		
City _____ State _____ Zip _____		

Well Location			
Address _____			
City <u>Kneeland</u>	Zip <u>95548</u>	County <u>Humboldt</u>	APN <u>817-033-008</u>
Latitude <u>40</u> <u>36</u> <u>11.592</u> <u>N</u>	Longitude <u>123</u> <u>41</u> <u>51.972</u> <u>W</u>	Township <u>03 N</u>	Range <u>04 E</u>
Dec. Lat. <u>40.60322</u>	Dec. Long. <u>-123.69777</u>	Section <u>26</u>	Baseline Meridian <u>Humboldt</u>
Vertical Datum _____		Ground Surface Elevation _____	
Horizontal Datum <u>WGS84</u>		Elevation Accuracy _____	
Location Accuracy _____		Elevation Determination Method _____	

Borehole Information	Water Level and Yield of Completed Well
Orientation <u>Vertical</u> Specify _____	Depth to first water <u>57</u> (Feet below surface)
Drilling Method <u>Other - Under-Bream Down-Hole Hammer</u> Drilling Fluid <u>Air</u>	Depth to Static _____
Total Depth of Boring <u>180</u> Feet	Water Level <u>55</u> (Feet) Date Measured <u>07/26/2019</u>
Total Depth of Completed Well <u>180</u> Feet	Estimated Yield* <u>30</u> (GPM) Test Type <u>Air Lift</u>
	Test Length <u>4</u> (Hours) Total Drawdown <u>103</u> (feet)
	*May not be representative of a well's long term yield.

Geologic Log - Free Form		
Depth from Surface Feet to Feet		Description
0	2	fill top soil
2	31	shale
31	56	shale & sandstone mix
56	93	shale, chert, sandstone, quartz
93	180	shale melange

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HUMBOLDT CO. DIVISION
OF ENVIRONMENTAL HEALTH

Casings										
Casing #	Depth from Surface Feet to Feet		Casing Type	Material	Casing Specifications	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If any (Inches)	Description
1	0	57	Blank	Low Carbon Steel	Grade: ASTM A53	0.188	6			
1	57	86	Screen	Low Carbon Steel	Grade: ASTM A53	0.188	6	Milled Slots	0.05	
1	86	160	Blank	Low Carbon Steel	Grade: ASTM A53	0.188	6			

Annular Material					
Depth from Surface Feet to Feet		Fill	Fill Type Details	Filter Pack Size	Description
0	20	Bentonite	Other Bentonite		Sanitary Seal
20	160	Filter Pack	Other Gravel Pack	3/8 Inch	Pea Gravel

Other Observations:

Borehole Specifications		
Depth from Surface Feet to Feet		Borehole Diameter (Inches)
0	160	10

Certification Statement				
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief				
Name FISCH DRILLING				
Person, Firm or Corporation				
8150 JOHNSON ROAD		HYDESVILLE	CA	95547
Address		City	State	Zip
Signed	<i>electronic signature received</i>		07/29/2019	683865
C-57 Licensed Water Well Contractor			Date Signed	C-57 License Number

Attachments
Scan.pdf - Location Map

DWR Use Only			
CSG #	State Well Number	Site Code	Local Well Number
		N	W
Latitude Deg/Min/Sec		Longitude Deg/Min/Sec	
TRS:			
APN:			