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UTAH DIVISION OF WATER RIGHTS

WELLPRT Well Log Information Listing

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Utah Division of Water Rights

Water Well Log

LOCATION:

N 690 ft W 2400 ft from SE CORNER of SECTION 13 T 16S R 14E BASE SL Elevation: feet
1 OF 3

OWNER(S):

OWNER: Intermountain Power Agency
ADDRESS: P.O. Box 111, Room 1107
CITY: Los Angeles STATE: CA ZIP: 90051
REMARKS: 2134816019Attn: David W. Anderson

DRILLER ACTIVITIES:

ACTIVITY # 1 NEW WELL
DRILLER: BEEMAN, BOB (DRILLING COMPANY) LICENSE #: 396
START DATE: 10/26/1993 COMPLETION DATE: 11/13/1993

BOREHOLE INFORMATION:

Depth(ft)	Diameter(in)	Drilling Method	Drilling Fluid
From To			
0 60	8.75	ROTARY	AIR
60 1760	6.50	ROTARY	WATER9

LITHOLOGY:

Depth(ft)	Lithologic Description	Color	Rock Type
From To			
0 18	HIGH-PERMEABILITY, SILT, SAND, GRAVEL UNCONSOLIDATED ALLUVIUM AND WEATHERED BEDROCK	GRAY/BROWN	
18 605	LOW-PERMEABILITY INTERBEDDED SS AND MDST, SLIGHTLY CALCAREOUS	LT GRY/DK BR	SNDSTN/MUDS
605 1140	WATER-BEARING, LOW-PERMEABILITY FINE GRAIN, POORLY CEMENTED, OCC PYRITE, TR MDST	LT GRAY/GRAY	SANDSTONE
1140 1502	LOW-PERMEABILITY INTERBEDDED SS AND MDST	LT BRWN/GRAY	SNDSTN/MUDS
1502 1605	LOW-PERMEABILITY INTERBEDDED MDST. AND SH	DK BROWN	MUDSTN/SHAI
1605 1655	LOW-PERMEABILITY VERY FINE TO FINE GRAIN, OCC MDST, OCC CARB LAM	LT-MED GRAY	SANDSTONE
1655 1669	LOW-PERMEABILITY	BLACK	COAL
1669 1675	LOW-PERMEABILITY CARBONACEOUS	DK BRWN/BLCK	MUDSTONE
1675 1760	WATER-BEARING, HIGH-PERMEABILITY FINE TO MED GRAIN, FINDING DOWNWARD9	GRAY/LT BRWN	SANDSTONE

CONSTRUCTION - CASING:

Depth(ft)	Material	Gage(in)	Diameter(in)
From To			
0 60	STEEL SURFACE CASING		
0 1710	STEEL CASING		2.62

CONSTRUCTION - SCREENS/PERFORATIONS:

Depth(ft)	Screen(S) or Perforation(P)	Slot/Perf. siz	Screen Diam/Length	Perf(in)	Screen Type/#	Perf.
From To						
1710 1730	SCREEN	.010	2.37		WIRE-WND SS	

CONSTRUCTION - FILTER PACK/ANNULAR SEALS

Depth(ft)	Material	Amount	Density(pcf)
From To			
0 1695	CEMENT W/5% PWDR BENTO 340		8
1695 1700	70 MESH SILICA SAND	1	
1700 1730	10-20 MESH SILICA SAND	11	

WELL TESTS:

Date	Test Method	Yield (CFS)	Drawdown (ft)	Time Pumped (hrs)
11/19/1993	AIR JET/LIFTING	.001		46

GENERAL COMMENTS:

CONSTRUCTION INFORMATION:

Well Head Configuration: 2' stick-up locking protective surf casing

Perforator used: N/A

Pump: None

Well Development: 11-19-93 Air jet/lifting Yield: 1/2 gal/min

Drawdown: Not measured

Filter pack: 0-1695 Cement w/5% powdered bentonite 340 cu ft
density: 8 gals/sack

1695-1700 70 mesh silica sand 1 cu ft

1700-1730 10-20 mesh silica sand 11 cu ft

Comments: Significant caving and swelling clays between 180 and 260 feet below ground surface. Bentonite used in drilling fluid after reaching total depth to maintain hole while circulating.

Additional data not available

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