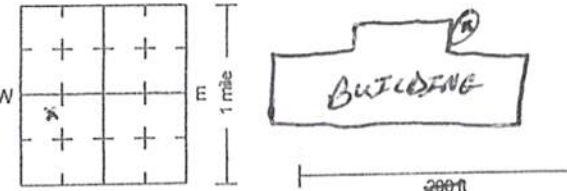


1 of 2

PWTS No. or PWS No. 1750204 PWTS Permit No. 2012-361-W GEOSAM Well No. (DNR use only) 75611

Site Identification
 Property owner MASON CITY REB POWER INC Other ID _____
 Address 11201 265th ST City MASON CITY
 Tenant SAME
 Well depth 365 ft Date completed 7.3.12

Location
 County CERRO BORDO
 GPS coordinates (NAD83 datum)
 Latitude _____ Longitude _____
☐ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds
NE 1/4 of the NW 1/4 of the SW 1/4 of Sec 11 TWP 96 RNG 21 E W
 Show exact location of well in section grid with a dot (•). Sketch map of well location on property.

N

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Formation Log

From	To	Color	Hardness	Formation description
0	2	BRN	SOFT	CLAY
2	3	BLK	"	SOIL
3	7	DRBN	"	SANDY CLAY
7	20	LTBRN	"	"
20	33	LTBRN	"	"
33	48	BRN	"	"
48	52	LTBRN	"	"
52	53	BRN	HARD	LCMESTONE
53	68	DRBN	"	"
68	68	GRY	MED	SHALE + CLAY
68	102	GRY	MED	"
102	110	GRY	MED	LCMESTONE + SHALE
110	128	BRN	HARD	LCMESTONE
128	146	DRY	"	"
146	150	BRN	"	"
150	204	GRY	"	"

(use additional sheets as needed)

Remarks (including depth of lost drilling fluids, materials, or tools)

Well Use
☐ Domestic ☒ Public supply ☐ Livestock
☐ Heat pump ☐ Commercial ☐ Irrigation
☐ # of borehole(s) _____ ☐ Monitoring ☐ Other _____

Drill Method ☒ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size
 15 inch from 0 ft to 25 ft
 10 3/4 inch from 25 ft to 191 ft
 hole size continued
 5 7/8 inch from 191 ft to 365 ft

Casing or Loop Pipe
 Record all depth measurements from ground level (GL). Use + for above GL measurements.

Size (in)	Material	Depth Top	Depth Bottom	Perforated	Slotted	Screen
6	322 WALL STEEL	+2	191	☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____

Casing Grout
 Type _____ Placement method _____

Type	Depth top	Depth bottom
HOPE PLUG	187	191
NEAT CEMENT	167	187
BEN SEAL	0	167

☐ Gravel packed variety _____
☐ Seals/packers _____

Pump Installation
 Date _____
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ in Rated capacity _____ GPM

Water Information
 Use + for above GL measurements.
 Date _____

Static Water Level	Pumping Water Level	Yield	Duration
56 ft	160 ft	80 GPM	6 hrs

Water level measurement: ☐ Sonic ☒ Tape ☐ Airline ☐ E-line ☐ Estimate
 Water yield measurement: ☐ Orifice ☒ Volumetric ☐ Estimate
 Main water-supply zone from 325 ft to 360 ft below GL.

Well Development
☒ Physical explain: AIR LIFT
☐ Chemical explain: _____

Contractor
 Company MORTS WELL CO
 Address PO 127 COUNCIL LA
 Driller John Chastain Certification no. 1887
 Revision Date: 10/2011

Make photocopies for:
 well contractor, customer, and county health department

PWTS No. or PWS No. <u>1750204</u>		PWTS Permit No. <u>2012-361W</u>		GEOSAM Well No. (DNR use only) <u>75611</u>																																																																																																																											
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