Water Well And Pump Record

Completion is required under authority of Part 127 Act 368 PA 1978.
Failure to comply is a misdemeanor.

Import ID:

Tax No: 151-017-200-008-00	**Permit No:** 12320	**County:** Cheboygan		**Township:** Grant
		Town/Range: 36N 01E	**Section:** 17	**Well Status:** Active	**WSSN:**	**Source ID/Well No:**

Well ID: 16000004032

Elevation:

Latitude: 45.5071

Longitude: -84.33099

Method of Collection: GPS Std Positioning Svc SA Off

Distance and Direction from Road Intersection:
N Black River Rd to Twin Lakes, RT onto Owens Rd

Well Owner: Dave Kuras

Well Address:	**Owner Address:**
3535 Owens Rd Cheboygan, MI 49721	11100 Gerald Warren, MI 48093, MI 48093

Drilling Method: Rotary
Well Depth: 120.00 ft. **Well Use:** Household
Well Type: Replacement **Date Completed:** 6/16/2016

Casing Type: PVC plastic **Height:** 1.50 ft. above grade
Casing Joint: Solvent welded/glued
Casing Fitting: Drive shoe

Diameter: 5.00 in. to 115.00 ft. depth SDR: 21.00

Borehole: 7.88 in. to 120.00 ft. depth

Pump Installed: Yes **Pump Installation Only:** No
Pump Installation Date: 6/15/2016 **HP:** 0.50
Manufacturer: Sta-Rite **Pump Type:** Submersible
Model Number: S10P4HS05221-03 **Pump Capacity:** 10 GPM
Drop Pipe Length: 85.00 ft. **Pump Voltage:** 230
Drop Pipe Diameter: 1.00 in. **Drilling Record ID:**
Draw Down Seal Used: No

Pressure Tank Installed: Yes
Pressure Tank Type: Diaphragm/bladder (Buried)
Manufacturer: Well-Mate
Model Number: WM6 **Tank Capacity:** 19.8 Gallons
Pressure Relief Valve Installed: Yes

Static Water Level: 1.00 ft. Below Grade
Well Yield Test: **Yield Test Method:** Air
Pumping level 115.00 ft. after 3.00 hrs. at 25 GPM

Formation Description	Thickness	Depth to Bottom
Clay Hard	8.00	8.00
Clay Soft	5.00	13.00
Hardpan	91.00	104.00
Sand	3.00	107.00
Hardpan	5.00	112.00
Gravel	8.00	120.00

Screen Installed: Yes **Filter Packed:** Yes
Screen Diameter: 3.00 in. **Blank:** 2.00 ft. Above
Screen Material Type: PVC-wire wrapped
Screen Installation Type: Telescoped

Slot	Length	Set Between
15.00	5.00 ft.	115.00 ft. and 120.00 ft.

Fittings: None

Well Grouted: Yes **Grouting Method:** Grout pipe outside casing

Grouting Material	Bags	Additives	Depth
Bentonite slurry	6.00	None	0.00 ft. to 106.00 ft.

Geology Remarks:

Wellhead Completion: Pitless adapter, 12+ inches above grade

Nearest Source of Possible Contamination:

Type	Distance	Direction
Septic tank	200 ft.	East

Drilling Machine Operator Name: Joseph Donajkowski
Employment: Employee
Pump Installer: John Socolovitch

Contractor Type: Water Well Drilling Contractor **Reg No:** 16-2198
Business Name: Northern Drilling Inc
Business Address: 8750 Church Road, Cheboygan, MI, 49721

Abandoned Well Plugged: Yes

Latitude: 45.50712 **Longitude:** -84.33085
Casing Diameter: 3 in. **Casing Removed:** No
Plugging Material: Bentonite slurry
No. of Bags: 5.00 **Well Depth:** 50 ft.

Water Well Contractor's Certification

This well/pump was constructed under my supervision and I hereby certify that the work complies with Part 127 Act 368 PA 1978 and the well code.

Signature of Registered Contractor **Date**

General Remarks:

Other Remarks: