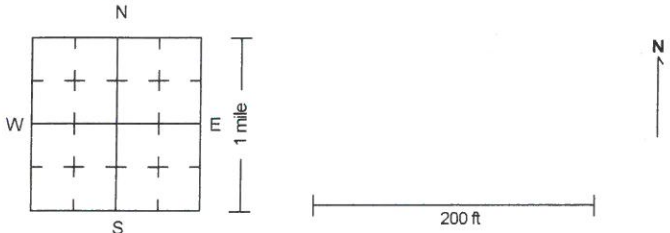


WELL RECORD FORM *corrected copy*

PWTS No. or PWS No. _____ PWTS Permit No. 491 GEOSAM Well No. (IGS use only) 80923

Site Identification
 Property owner Joe's Campground Other ID _____
 Address 749 Hanover Drive City Dorchester
 Tenant _____
 Well depth 438 ft Date completed 11 / 4 / 2015

Drill Method Rotary Auger Cable Other _____
Hole size
 12.5 inch from 0 ft to 20 ft hole size continued
 5 inch from 292 ft to 438 ft
 10 inch from 20 ft to 292 ft _____ inch from _____ ft to _____ ft

Location County Allamakee
 GPS coordinates (NAD83 datum)
 _____ Latitude _____ Longitude _____
 Decimal Degrees Degrees, Decimal Minutes Degrees, Minutes, Seconds
 _____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec 28 TWP _____ RNG 6 ^E _W
 Show exact location of well in section grid with a dot (.). Sketch map of well location on property.


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 |
|-----------|----------|-----------|--------------|--------------------------|--------------------------|--|
| 5 | Steel | +2 | 292 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> slot size _____ |
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> slot size _____ |
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> slot size _____ |
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> slot size _____ |

Casing Grout Placement method _____

| Type | Depth Top | Depth Bottom | Amount (vol/wt) |
|-----------|-----------|--------------|-----------------|
| Bentonite | | | |
| Cement | | 0 | 292 |

Formation Log

| From | To | Color | Hardness | Formation description |
|------|-----|-------|----------|---|
| 0 | 13 | Brn | Soft | Clay |
| 13 | 54 | Brn | Hard | Lime Rock |
| 54 | 56 | Gray | Hard | Lime Rock |
| 56 | 68 | Brn | Hard | Lime Rock |
| 68 | 74 | Brn | Med | Lime Rock |
| 74 | 135 | Gray | Soft | Sandstone |
| 135 | 160 | Gray | Soft | Sandstone |
| 160 | 191 | Gray | Med | Lime Rock |
| 191 | 197 | Gray | Hard | Lime Rock |
| 197 | 270 | Gray | Med | Lime Rock |
| 270 | 292 | Gray | Soft | Shale/Sandstone |
| 292 | 318 | Gray | Soft | Sandstone |
| 318 | 342 | Gray | Soft | Sandstone |
| 342 | 387 | Gray | Soft | Lime Rock |
| 387 | 392 | Brn | Soft | Lime Rock |
| 392 | 400 | Gray | Soft | Sandstone |
| 400 | 438 | Gray | Soft | Sandstone (use additional sheets as needed) |

Gravel packed variety _____
 Seals/packers

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

Water Information Date 11 / 4 / 2015
 Use + for above GL measurements.

| Static Water Level | Pumping Water Level | Yield | Duration |
|--------------------|---------------------|---------------|-----------------|
| <u>32</u> ft | <u>200</u> ft | <u>30</u> GPM | <u>1.00</u> hrs |

Water level measurement: Sonic Tape Airline E-line Estimate
 Water yield measurement: Orifice Volumetric Estimate
 Main water-supply zone from 320 ft to 438 ft below GL

Well Development
 Physical explain: Air Lift
 Chemical explain: _____

Contractor
 Company B&B Drilling
 Address 2992 Pembroke Ave Fredericksburg IA 50630
 Driller Neil Brandenburg Certification no. 1610

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 _____



Mail form to **Iowa Geological Survey**: 100 Oakdale IGS, Iowa City, IA 52242-1304
 Or click here to e-mail form to: IHR-IGS-WellRecords@uiowa.edu
 Make copies for: well contractor, customer, and county health department

THE UNIVERSITY OF IOWA