WELL RECORD FORM

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

Site Identification

Property owner City of Albion Other ID Well #6 3

Address Well Field South of Town City _____

Tenant _____

Well depth 196 ft Date completed 3 / 13 / 2021

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size

14.7 inch from 0 ft to 44 ft

8.75 inch from 37 ft to 196 ft

hole size continued

_____ inch from _____ ft to _____ ft

_____ inch from _____ ft to _____ ft

Location

County Marshall

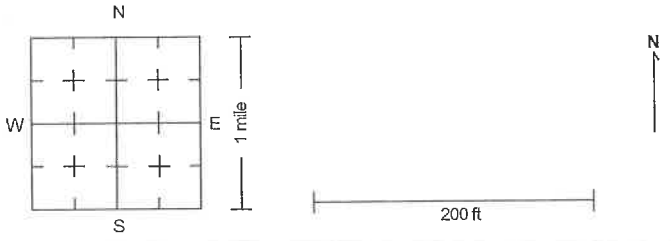
GPS coordinates (NAD83 datum)

42.1074700 Latitude -92.9951720 Longitude

☐ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds

_____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RNG _____ 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
8	Steel	+3	45	☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____

Casing Grout

Placement method Pump & Tremie

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Bentonite	39	44	6
cement	0	39	37
☐ Gravel packed variety _____			
☐ Seals/packers			

Formation Log

From	To	Color	Hardness	Formation description
0	5	brn	soft	top soil
5	28	brn	soft	sandy clay
28	29	brn	soft	sand
29	34	blu	med	clay
34	54	brn	hard	lime rock
54	56	gray	med	shale
56	89	gray	hard	lime rock
89	135	tan	hard	lime rock
135	155	gray	hard	lime rock
155	196	brown	hard	lime rock
				(use additional sheets as needed)

Pump Installation

Date 10 / 2 / 2021

Type of pump Grundfos 150S150-6 stag Depth to intake _____ ft

Pump diameter 6 in Rated capacity 150 GPM

Water Information

Date ___/___/___

Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
7 ft	13 ft	133 GPM	24.00 hrs

Water level measurement: ☐ Sonic ☐ Tape ☐ Airline ☐ E-line ☑ Estimate

Water yield measurement: ☐ Orifice ☐ Volumetric ☑ Estimate

Main water-supply zone from _____ ft to _____ ft below GL

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

made water 15gpm @ 38-41,15gpm @79-80,10-12gpm@ 175

Well Development

☑ Physical explain: Air Lift

☐ Chemical explain: _____

Well Use

☐ Domestic ☑ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

# of borehole(s) ____ ☐ Monitoring ☐ Other _____

Contractor

Company B&B Drilling

Address 2992 Pembroke Ave Fredericksburg IA 50630

Driller Neil Brandenburg Certification no. 1610

IGS IIHR Hydroscience & Engineering

Mail form to **Iowa Geological Survey**: 100 Oakdale IGS, Iowa City, IA 52242-1304

Or click here to e-mail form to: IIHR-IGS-WellRecords@uiowa.edu

Make copies for: **well contractor, customer, and county health department**

The University of Iowa

Rev. 2014

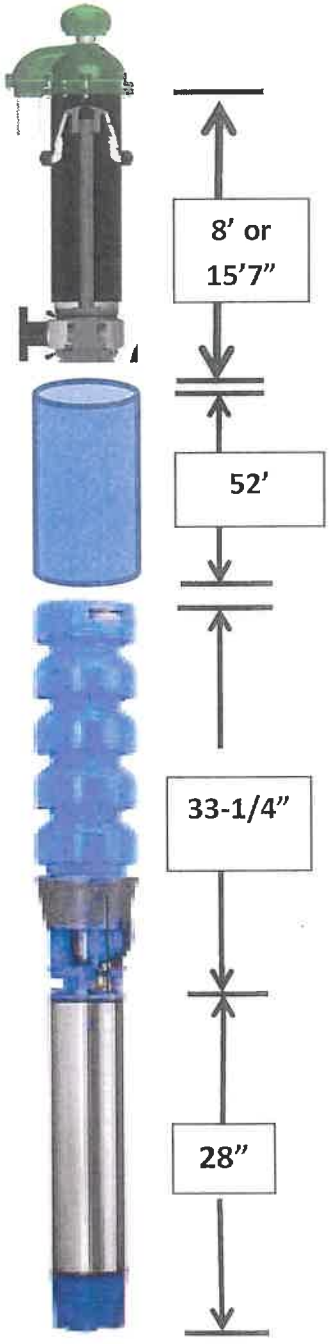
The Cahoy Group

(833-728-1288)

SUMNER, IA Corporate Office | MARNE, IA | Durand, IL | Lincoln, IL | Cahoy High Plains, WY

SUBMERSIBLE TURBINE PUMP

Install / Pull SWL: 6'



DATE	10/05/2021	WELL No.	6
CUSTOMER	Albion		
ADDRESS	Well South of Town		
CITY	Albion	STATE AND ZIP:	
CONTACT NAME:	Scott Gianetto	PHONE NUMBER:	641-750-9638

MOTOR

MFG	Franklin	HP	15
VOLTAGE	200	PHASE	3
MODEL No.	2366538120	S/N: 12E19-07-062041	
DIAMETER	6"	RATED AMPERAGE	47.8
CODE DATE	12E19	RPM	3450

PUMP BOWL

MFG	Grundfos	MODEL	150S150-6
GPM	150	TDH	210'
DATE CODE	Unknown	S/N: A13B60006	
COATED	Yes **No**	DISCHARGE	3"
HANDLING NIPPLE	Yes	6x3 Check Valve	
# Of stages	6	Material	Stainless Steel

PUMP CABLE

SIZE	6/3	LENGTH	64'
TYPE	Flat Jacket		

DROP PIPE

SIZE	3"	TYPE	PVC / Stainless
FLANGED	No	THREADED	Yes
SCHEDULE	120 / 40	COATED	No
LENGTH	21' / 10'	NUMBER OF	2 / 1
		TOTAL SETTING:	52'

WELL			
DEPTH: 196'	DIAMETER: 8'	SWL: 6'	CASING PT.:
LINER LOCATION: None	PERFORATED: NA		
SCREEN LENGTH: None	SLOT SIZE: NA	LOCATION:	TO:

Water Meter			
Yes or No:	Mfg.:	Size:	Does it work:

PITLESS UNIT			
PITLESS MFG	Baker Monitor	LENGTH	91"
PITLESS UPPER DIAM.	10"	PITLESS MODEL	114614 (Split Flange)
"O" RING SIZE	10"		
DROP PIPE CONNECTION DESCRIPTION:			

OTHER			
CHECK VALVE SIZE	3"	# OF	1
AIRLINE LENGTH	62'	AIRLINE MATERIAL	Toro
TRANSDUCER MFG	None		
WALL HEIGHT OF BUILDING	None		
LAYBACK REQUIRED	1-2'		
CLEAR VISION FOR OPERATOR THROUGH:	DOOR WINDOW OUTSIDE NONE		
ISOLATION VALVE TO PUMP TO WASTE: Over Top			
CONNECTION FOR PUMP-OFF:	unknown	TYPE: unknown	SIZE: unknown
DISTANCE TO DISCHARGE POINT: 50'			

SUGGEST WE CHANGE / PERFORM THE FOLLOWING:
WE CHANGED / PERFORMED THE FOLLOWING:

Altitude gauge	Airline	Discharge Gasket	"O" Rings
Sub Cable	Motor	Pump	Add Drop Pipe ___
Brush Well	Bail Well	Treat Well	Televise

CREW: John Walter

COMMENTS: Used Motor, Pump & Check Valve from Well #5