81914

COPY

DRILLER'S LOG

CLIENT: Hawkeye

WELL: #5

DATE STARTED: 04-18-2016

DATE COMPLETED: 05-03-16

DRILLER/LIC.#: 1278

County: Fayette **GPS: 42.937340 – 91.958677**

___ mi N/S and ___ mi E/W of intersection of _____ and _____

___ ¼ of the ____ ¼ of the ____ ¼ of _____ Sec _____ TWP _____RNG ____ E/W

ROD#	LENGTH	DEPTH	FORMATION DESCRIPTION	DEPTH STARTED	DEPTH ENDED
			Top soil – Brown silty clay & sand	0'	5'
			Silty fine medium sand	5'	10'
			Gray Till with medium course gravel	10'	15'
			Fine sand with silt	15'	20'
			Fine sand with silt	20'	25'
			Some gray clay with fine sand	25'	30'
			Some gray clay with fine sand	30'	35'
			Gray clay with medium sand	35'	40'
			Gray clay with medium sand	40'	45'
			Gray clay with medium sand	45'	50'
			Gray clay with Large sand	50'	55'
			Gray clay with Large sand	55'	60'
			Gray clay with medium sand	60'	65'
			Gray clay with medium sand	65'	70'
			Gray clay with medium sand	70'	75'
			Gray clay with medium sand	75'	80'
			Gray clay with medium sand	80'	85
			Gray clay with medium sand	85'	90'

05-11-2016

			Gray clay with medium sand	90′	95′
			Gray clay with medium sand	95′	100′
			Gray clay with medium sand	100′	105′
			Gray clay with medium sand	105′	110′
			Gray clay medium sand small gravel	110′	115′
			Gray clay medium sand small gravel	115″	120′
			Gray clay medium sand small gravel	120′	125′
			Gray clay medium sand small gravel	125′	130′
			Gray clay medium sand small gravel	130′	135′
			Gray clay medium sand small gravel	135′	140′
			Gray clay with small gravel limestone	140′	145′
			Gray clay with small gravel limestone	145′	150′
			Gray clay with small gravel limestone	150′	160′
			Gray clay with small gravel limestone	160′	165′
			Shale blueish black	170′	173′

CAHOY PUMP SERVICE & GREAT LAKES WATER RESOURCES GROUP

SUMNER, IA
Corporate Office
563-578-1130

JOLIET, IL
815-726-2720

DURAND, IL
800-552-5351

MARNE, IA
712-781-2030

DRILLER'S LOG

CLIENT: Hawkeye

WELL: 5

DATE STARTED: 4/18/16

DATE COMPLETED: 5/3/16

DRILLER/LIC.#: 11135

County: Fayette **GPS:**
___ mi N/S and ___ mi E/W of intersection of _____ and _____

___ ¼ of the ____ ¼ of the ____ ¼ of _____ Sec _____ TWP _____RNG ____ E/W

ROD#	LENGTH	DEPTH	FORMATION DESCRIPTION	DEPTH STARTED	DEPTH ENDED
			Topsoil-brown silty clay/sand	0	5
			Silty fine medium sand	5	10
			Gray till with medium coarse sand	10	15
			Fine sand with silt	15	20
			Fine sand with silt	20	25
			Some gray clay with fine sand	25	30
			Some gray clay with fine sand	30	35
			Gray clay with medium sand	35	40
			Gray clay with medium sand	40	45
			Gray clay with medium sand	45	50
			Gray clay with large sand	50	55
			Gray clay with large sand	55	60
			Gray clay with medium sand	60	65
			Gray clay with medium sand	65	70
			Gray clay with medium sand	70	75
			Gray clay with medium sand	75	80
			Gray clay with medium sand	80	85
			Gray clay with medium sand	85	90
			Gray clay with medium sand	90	95
			Gray clay with medium sand	95	100

ROD #	LENGTH	DEPTH	FORMATION DESCRIPTION	DEPTH STARTED	DEPTH ENDED
			Gray clay with medium sand	100	105
			Gray clay with medium sand	105	110
			Gray clay, medium sand, small gravel	110	115

CAHOY PUMP SERVICE & GREAT LAKES WATER RESOURCES GROUP

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DURAND, IL
800-552-5351

MARNE, IA
712-781-2030

DRILLER'S LOG

CLIENT: Hawkeye

WELL: 5

DATE STARTED: 4/18/16 thru 10/5/16

DATE COMPLETED: 5/3/16 thru 10/6/16

DRILLER/LIC.#: 11135

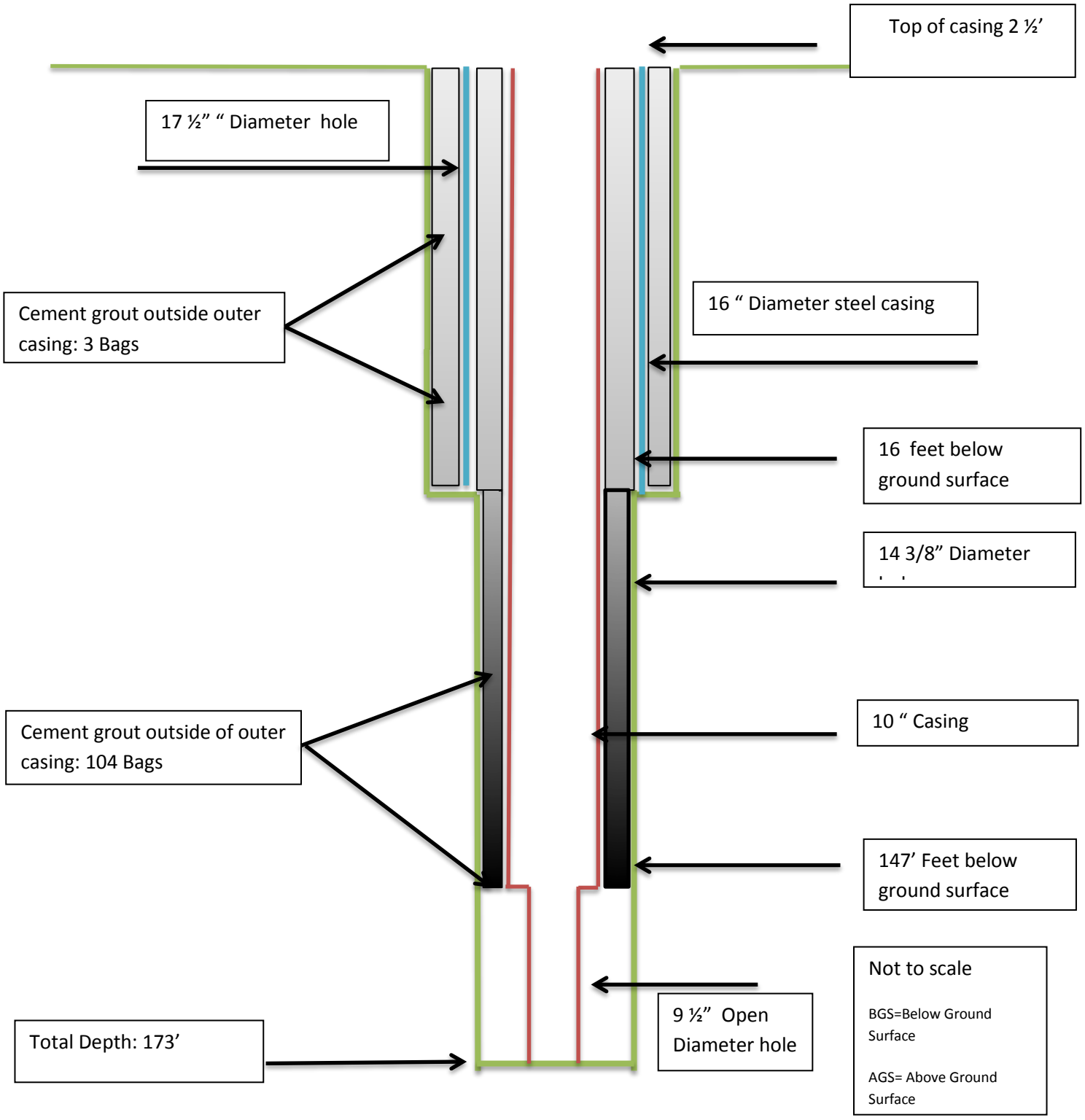
County: Fayette **GPS:**
___ mi N/S and ___ mi E/W of intersection of _____ and _____

___ ¼ of the ____ ¼ of the ____ ¼ of _____ Sec _____ TWP _____RNG ____ E/W

ROD#	LENGTH	DEPTH	FORMATION DESCRIPTION	DEPTH STARTED	DEPTH ENDED
			Gray clay, med sand, small gravel	115	120
			Gray clay, med sand, small gravel	120	125
			Gray clay, med sand, small gravel	125	130
			Gray clay, med sand, small gravel	130	135
			Gray clay, med sand, small gravel	135	140
			Gray clay w/ small gravel	140	145
			Limestone	145	150
			Limestone	150	155
			Limestone	155	160
			Limestone	160	165
			Shale blueish black	170	177
			Light blue soft shale w/hard gray lime rock	177	189
			Hard brown rock	189	198
			Rock	198	204
			Soft blue shale	206	213
			Hard light brown rock w/soft blue shale	213	216

Well And Pump Service
Municipal, Industrial, Environmental
24568 150th St. Ste. 200, Sumner, IA 50674
Tel: 563-578-1130, Fax: 563-578-1135

OWNER: Hawkeye
WELL #: 5
County: Fayette



The Cahoy Group

24568 150th St.
Sumner, IA 50674
PH (563) 578-1130

200 Grant St.
Marne, IA 51552
PH (712)781-2030

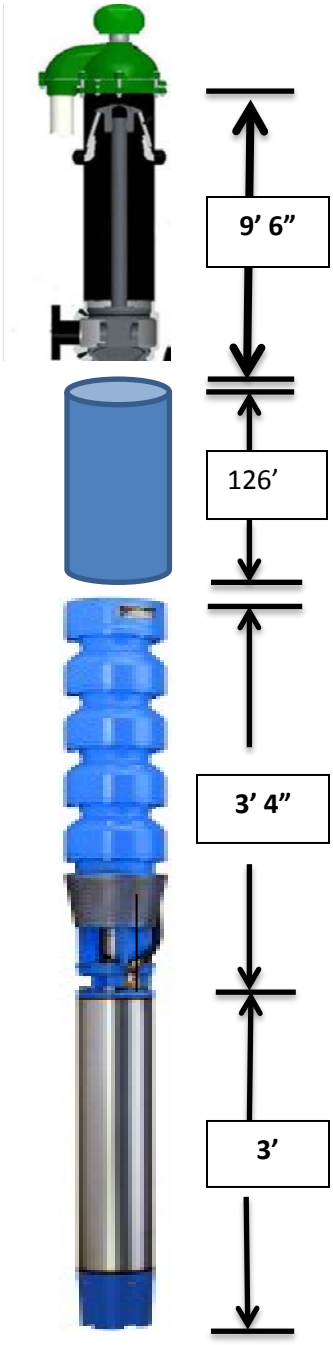
202 West Howard St.
Durand, IL 61024
PH (800)552-5341

1127 Plainfield Rd.
Joliet, IL 60435
PH (815)726-2720

GREAT LAKES WATER RESOURCES GROUP

SUBMERSIBLE TURBINE PUMP SWL 69'

Install/Pull (Please circle)



DATE	**1/10/2017**	**WELL No.**	**5**
CUSTOMER	**Hawkeye**		
ADDRESS	**PO Box 145**		
CITY	**Hawkeye**	**STATE AND ZIP: 52147**	
CONTACT NAME:	**John Fels**	**PHONE NUMBER:**	**563.422.7475**

MOTOR

MFG	**SME**	**HP**	**20**
VOLTAGE	**460**	**PHASE**	**3**
MODEL No.		**S/N**	
DIAMETER	**6"**	**RATED AMPERAGE**	
CODE DATE		**RPM**	**3450**

PUMP BOWL

MFG	**Goulds**	**MODEL**	**6CLC**
GPM	**190**	**TDH**	**256'**
DATE CODE	**12-1-16**	**S/N**	**FR4363639**
COATED	**Yes No**	**DISCHARGE**	**4"**
HANDLING NIPPLE	**Yes**		
# of stages	**5**	**Material**	**CI**

PUMP CABLE

SIZE	**8/3**	**LENGTH**	**138'**
TYPE: Flat			

DROP PIPE

SIZE	**4"**	**TYPE**	**T&C**
FLANGED	**No**	**THREADED**	**Yes**
SCHEDULE	**40**	**COATED**	**No**
LENGTH	**21/9' 6"**	**NUMBER OF**	**6/ pitless**
		TOTAL SETTING:	**136'**

WELL			
DEPTH: 172'	**DIAMETER: 10"**	**SWL: 69'**	**CASING PT.: 147'**
LINER LOCATION: 142'-150'	**PERFORATED: Yes No**		
SCREEN LENGTH: 15'	**SLOT SIZE: 60**	**LOCATION:**	**TO: 150'-165'**

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

PITLESS UNIT			
PITLESS MFG	**Monitor**	**LENGTH**	**9' 6"**
PITLESS UPPER DIAM.	**10"**	**PITLESS MODEL**	**7PS1012WBWE04T4ESPX**
"O" RING SIZE	**10"**		
DROP PIPE CONNECTION DESCRIPTION: 4x6 nipple-female on spool			

OTHER			
CHECK VALVE SIZE	**4"**	**# OF**	**1-1st stick off pump**
AIRLINE LENGTH	**136'**	**AIRLINE MATERIAL**	**Toro**
TRANSDUCER MANUFACTURER			
WALL HEIGHT OF BUILDING			
LAYBACK REQUIRED			
CLEAR VISION FOR OPERATOR THROUGH:	**DOOR WINDOW NONE**		
ISOLATION VALVE TO PUMP TO WASTE: Fire hydrant			
CONNECTION FOR PUMP-OFF		**TYPE:**	**SIZE:**
DISTANCE TO DISCHARGE POINT:			

SUGGEST WE CHANGE / PERFORM THE FOLLOWING:

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

CREW: Ray and Dave

COMMENTS: Had PR3-under-tooled-unable to measure depth and SWL P=Probe tube X= PSI gauge