



**CAHOY PUMP SERVICE**

SUMNER, IA  
Corporate Office  
563-578-1130

MARNE, IA  
712-781-2030

Durand, IL  
815-218-6876

Lincoln, IL  
217-732-9997

Cahoy High Plains, WY  
833-728-1288

**DRILLER'S LOG**

CLIENT: Osceola County Rural Water

WELL: §3 Test

DATE STARTED: 2/24/21

DATE COMPLETED: 2/24/21

DRILLER/LIC.#: Jon Smiley - #11164

County: Osceola

GPS: 43.2776950, -95.4468608

Located near intersection of 250<sup>th</sup> St. & White Ave.

NW ¼ of the NE ¼ of the SE ¼ of 27 Sec 98N TWP 39 RNG W

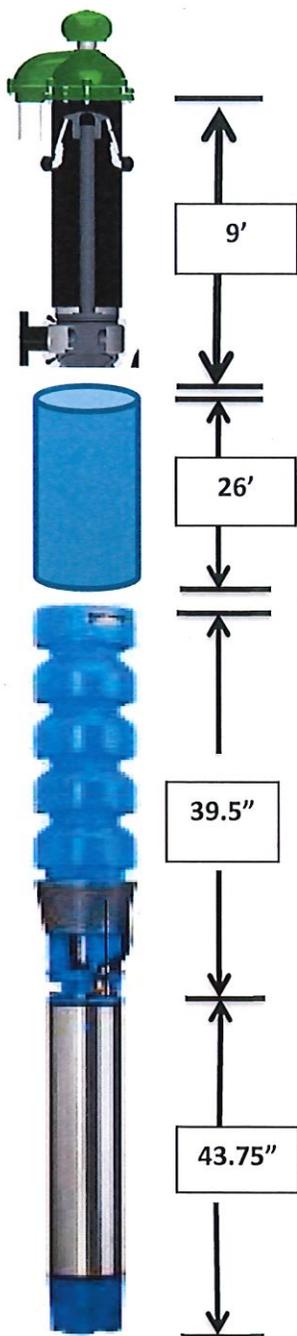
Form revised 3/4/2021

ROD#	LENGTH	DEPTH	FORMATION DESCRIPTION	DEPTH STARTED	DEPTH ENDED
Bit	6"		Black dirt/clay	0'	7'
1	10'	7.5'	Dark sandy clay	7'	12'
2	10'	17.5'	White gravel, clay/sand mix	12'	24'
3	10'	27.5'	Small/fine sand	24'	27'
4	10'	37.5'	Medium sand, mixed fines	27'	37'
5	10'	47.5'	Medium sand/gravel	37'	41'
6	10'	57.5'	Medium sand/fines/mix clay	41'	46'
			Clay w/some mixed gravel	46'	50'
			*Layers of cobbles @ 28' – 37'*		

## SUBMERSIBLE TURBINE PUMP

**Install** / Pull

SWL: 19'



DATE	4/20/2022	WELL No.	S-3
CUSTOMER	OCRW		
ADDRESS	2270 Walnut Ave		
CITY	May City	STATE AND ZIP: IA 51354	
CONTACT NAME:	Logan	PHONE NUMBER:	712-472-2531
<b>MOTOR</b>			
MFG	SME	HP	30
VOLTAGE	460	PHASE	3
MODEL No.	6SME300T4	S/N: 2019196600112107191	
DIAMETER	6"	RATED AMPERAGE	42.5
CODE DATE	2021	RPM	3460
<b>PUMP BOWL</b>			
MFG	Grundfos	MODEL	475S300-3
GPM	475	TDH	168'
DATE CODE		S/N: B19250003P221390002	
COATED	Yes <b>No</b>	DISCHARGE	5"x6"
HANDLING NIPPLE	No		
# of stages	3	Material	Stainless Steel
<b>PUMP CABLE</b>			
SIZE	6/3	LENGTH	42
TYPE		Flat Jacket	
<b>DROP PIPE</b>			
SIZE	6"	TYPE	T&C
FLANGED	No	THREADED	Yes
SCHEDULE	40	COATED	No
LENGTH	21' / 5' / 9'	NUMBER OF	1 / 1 / 1
		TOTAL SETTING:	35'

WELL			
DEPTH: 47.1'	DIAMETER:	SWL: 19'	CASING PT.:
LINER LOCATION:	PERFORATED: Yes <b>No</b>	NA	
SCREEN LENGTH:	SLOT SIZE:	LOCATION:	TO:
Water Meter			
Yes or <b>No</b> :	Mfg:	Size:	Does it work:

PITLESS UNIT			
PITLESS MFG	Monitor	LENGTH	9'
PITLESS UPPER DIAM.	14"	PITLESS MODEL	
"O" RING SIZE	12"		
DROP PIPE CONNECTION DESCRIPTION:			
OTHER			
CHECK VALVE SIZE	NA	# OF	1 on Pump
AIRLINE LENGTH	42'	AIRLINE MATERIAL	Toro
TRANSDUCER MANUFACTURER	?		
WALL HEIGHT OF BUILDING	NA		
LAYBACK REQUIRED	No		
CLEAR VISION FOR OPERATOR THROUGH:	DOOR <b>OUTSIDE</b>	WINDOW NONE	
ISOLATION VALVE TO PUMP TO WASTE: No			
CONNECTION FOR PUMP-OFF:		TYPE:	SIZE: Fire Hydrant
DISTANCE TO DISCHARGE POINT: 100'			

**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: Ray & Curt**

**COMMENTS: No room for Rig & trailer on berm. New system – New Well  
2-sets of 1-1/4" stiller line from pump to turtle cap. Taped to drop pipe**

Form revision date: 03/04/2021