



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: D1 - OB

DATE STARTED: 2/25/21

DATE COMPLETED: 2/25/21

DRILLER/LIC.#: Jon Smiley - #11164

County: Osceola

GPS: 43.3481535, -95.5243511

Located near intersection of 200th St. & Tyler Ave.

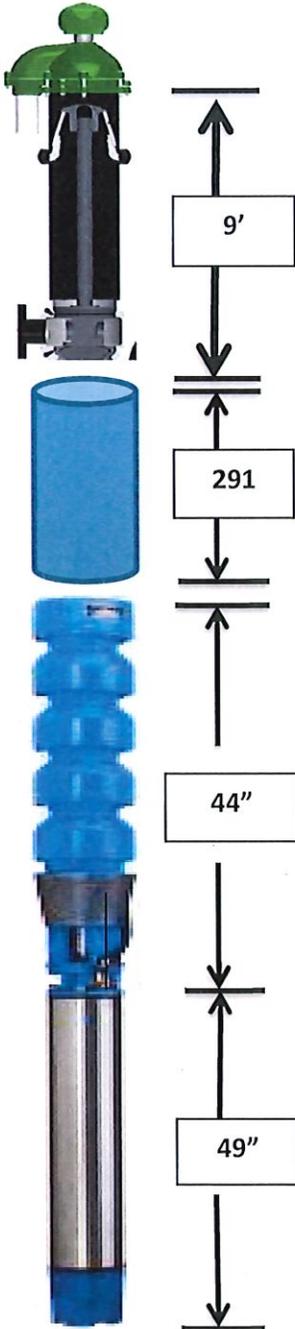
NW ¼ of the NE ¼ of the SE ¼ of 36 Sec 99N TWP 40 RNG W

ROD#	LENGTH	DEPTH	FORMATION DESCRIPTION	DEPTH STARTED	DEPTH ENDED
Bit	6"		Black soil	0'	3'
1	10'	7.5'	Brown clay/black soil	3'	5'
2	10'	17.5'	Brown clay sand mix	5'	11'
3	10'	27.5'	Mixed medium sand mostly black	11'	22'
4	10'	37.5'	Small sand mix/soft black rock	22'	26'
5	10'	47.5'	1/4" gravel mixed colors/mixed with small sand	26'	42'
6	10'	57.5'	Small sand/gray clay mix	42'	47'
			Mostly clay	47'	47'
			Layers of cobbles @ 24' – 38'		

SUBMERSIBLE TURBINE PUMP

Install / Pull

SWL: 21'



DATE	04/20/2022	WELL No.	D-1
CUSTOMER	OCRW		
ADDRESS	2270 Walnut		
CITY	May City	STATE AND ZIP: IA	
CONTACT NAME:	Logan	PHONE NUMBER:	712-472-2531
MOTOR			
MFG	SME	HP	40
VOLTAGE	460	PHASE	3
MODEL No.	6SME400T4	S/N: 2019216600052105146	
DIAMETER	6"	RATED AMPERAGE	56.8
CODE DATE	2019	RPM	3470
PUMP BOWL			
MFG	Grundfos	MODEL	475
GPM	475	TDH	224'
DATE CODE		S/N: B192500004P2214600001	
COATED	Yes No	DISCHARGE	5" x 6"
HANDLING NIPPLE	No		
# of stages	4	Material	Stainless
PUMP CABLE			
SIZE	6/3	LENGTH	44'
TYPE		Flat Jacket	
DROP PIPE			
SIZE	6"	TYPE	T & C
FLANGED	No	THREADED	Yes
SCHEDULE	40	COATED	No
LENGTH	21'8'/9'	NUMBER OF	1/1/Pitless
		TOTAL SETTING:	38'

WELL			
DEPTH: 54.2'	DIAMETER:	SWL: 21'	CASING PT.:
LINER LOCATION:	PERFORATED: Yes No	NA	
SCREEN LENGTH:	SLOT SIZE:	LOCATION:	TO:
Water Meter			
Yes or No: No	Mfg:	Size:	Does it work:

PITLESS UNIT			
PITLESS MFG	Monitor	LENGTH	9'
PITLESS UPPER DIAM.	14"	PITLESS MODEL	114825
"O" RING SIZE	12"		
DROP PIPE CONNECTION DESCRIPTION: 6" x6" Nipple			
OTHER			
CHECK VALVE SIZE	NA	# OF	
AIRLINE LENGTH	42'	AIRLINE MATERIAL	Toro
TRANSDUCER MANUFACTURER	?		
WALL HEIGHT OF BUILDING	NA		
LAYBACK REQUIRED	No		
CLEAR VISION FOR OPERATOR THROUGH:	DOOR WINDOW NONE OUTSIDE		
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 S & Curt S

**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.**