IDAHO DEPARTMENT OF WATER RESOURCES Water Measurement Program

POWER CONSUMPTION COEFFICIENT WORKSHEET

(Revised 6/2006)

District	
Diversion Name CMO/. UM	itney
Inventory Date	Test Date
Inventory Examiner CBul.	Person performing test
PCC o.k.? □ Yes □ No	Exam complete? ☐ Yes ☐ No
Water Right No.: Legal Description: TR Site Tag No.: A OO 1 S	Fitzgerald.
Current Owner	-3900 S Cross River.
Name Ashert Fitzgerale	Phone 747-3830.
Address 5000 S 2400 W	
City St Zip	
Operator (if leased or operated by person	
Name	
Address	
CitySt Zip	
storage contract UP	el.
Data Collection Filename A 15 IDWR Site Tag Identification No. Site Tag Location description:	827 Offset 10092755 (A001582) escl pump trailing 551 W1110 S5, 427
For Department/District Use Only	
	- Andrewson - Andr
Data Littly Dy Date	

Well Pump and Motor Information

F	Pump Data	Moto	Data
Manufacturer	DEVIZ Diesel	Manufacturer	DEUTZ Diesel
Serial Number	25879 12	Serial Number	
Model Number	4RB60B4-3	Rated Horsepower	
Туре		Rated Amps	
Impeller Diameter		Rated Volts	
Rated Speed		Rated Speed	
Rated Discharge		Phase	
Rated Head		Service Factor	

Booster Pump and Motor Information

Pump Data	Motor Data
Manufacturer	Manufacturer
Serial Number	Serial Number
Model Number	Rated Horsepower
Туре	Rated Amps
Impeller Diameter	Rated Volts
Rated Speed	Rated Speed
Rated Discharge	Phase
Rated Head	Service Factor

Power and Water Metering Information

Kilowatt-Hour Meter		Water Measurement Equipment and Pipe Information		
Utility	Std. Meter Manufacturer			
Pole Number	Std. Meter Model No.			
Meter Manufacturer	Std. Meter Type (circle one)	Sonic Pyg Collins Hall Anub Dye/chem. Other		
Meter Serial No.	Std. Meter Confidence (circle one)	Excl Good Fair Poor 2% 5% 10% >10%		
Disc Constant (Kh)	PSI gauge ID location ≅ discharge head	District / Owner Yes / No		
Rated Voltage	Pipe Material			
Demand	Pipe Outside Diameter			
Multiplier (Mult)	Pipe Inside Diameter			
CTR (Current) PTR (Voltage)	Distance of straight pipe upstream and down	Upstream Downstream		

Kilowatts of Energy Consumed							
$KW = 3.6 \times 1$	K h × Multip	lier $ imes$ No. of ${\mathfrak r}$	evolutions	(N) + Ti	me (T)	in seconds	per N
Cond.#1 N =	(No. of	Disc Rev) Tim	e (sec) = ()+()+()/3 =	Ave
3.6×	(Kh)×	(Mult)×	(N) ÷	(T) =	<u></u>	KW	
Cond.#2 N =	(No. of	Disc Rev) Tim	e (sec) = ()+()+()/3 =	Ave
3.6×	(Kh) ×	(Mult) ×	(N) ÷	(T) =	*	KW	
Cond.#3 N =	(No. of	Disc Rev) Tim	e (sec) = ()+()+()/3 =	Ave
3.6 ×	(Kh)×	(Mult)×	(N) ÷	(T) =	* <u></u>	KW	
						0-1-co-\c	

Measured Flow Rate and Discharge Pressure – Enter flow rate as determined by the "standard" water measurement meter in GPM, and discharge pressure measured in PSI. Attach documentation to support data such as notes, printout tapes, etc.

GPM Cond. #1 *______#2 *______#3 *_______
PSI Cond. #1 *______#2 *_______#3 *_______

Power Consumption Coefficient (PCC) = KW × 5431 +GPM				
PCC Cond #1 = *	(KW) × 5431 ÷ *	(gpm) =	(kWh/ac.ft)	
Qualifier Condition	1: 1 2 3 4 5 6 7 8 9 Other			
Percent of seasonal	use * Description *			
PCC Cond #2 = *	(KW) × 5431 ÷ *	(gpm) =	(kWh/ac.ft)	
Qualifier Condition	2: 1 2 3 4 5 6 7 8 9 Other			
Percent of seasonal	use * Description *			
PCC Cond #3 = *	(KW) × 5431 ÷ *	(gpm) =	(kWh/ac.ft)	
Qualifier Condition	3: 123456789 Other			
Percent of seasonal	use * Description *			
Is the system operator required to tra	ack and report changes in system	operation? ~ Yes -	- No (check one)	
System Type (circle all that apply	/): Pivot, linear / Wheel In / Hand	In / Gated pipe, flood	/ Drip / Open Discharge	

	Crop Type Number of Acres		
1			
2			
3			
4			
	Total Acres =		

	WATER LEVEL DATA
Does the well have access to measure wa	ater levels? ~ Yes ~ No (check one)
s this well part of USGS, IDWR, or anoth	er <u>network</u> of water level monitoring wells? — Yes — No — Uncertain
Static Water Levelft Date	Pumping Water Levelft at condition #) Date
	nditions (if necessary) and how percentage of seasonal use
Sketch of pumping plan layout or phot	tograph of pumping plant and piping:
	ve ^{ter} :
Notes - Comments - Calculations:	a V
N. 1. 1/ 20	2:
I certify that the above information is true measurements taken and recorded are in equipment used.	e and correct to the best of my knowledge and ability and the n accordance with the standards and specifications of the
Signature(person performing r	Date

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