IDAHO DEPARTMENT OF WATER RESOURCES Water Measurement Program

NOT operating

POWER CONSUMPTION COEFFICIENT WORKSHEET

(Revised 6/2006)

District	
Diversion Name Hodge	es Minio-
Inventory Date	Test Date
Inventory Examiner Chind	Person performing test
PCC o.k.? ☐ Yes ☐ No	Exam complete? ☐ Yes ☐ No
Water Right No.: Legal Description: TR Site Tag No.:	Sec
Current Owner	
Name David Boser	
Address	
City Preston St Zip	E-mail
Operator (if leased or operated by perso	on other than owner)
Name	Phone
Address	
CitySt Zip	
Global Positioning System Data: Data Collection Filename A 158 IDWR Site Tag Identification No. Site Tag Location description: PLS/USGS LOCATOR	flow gate, pond for portable pum
For Department/District Use Only	_
	e e
	e

Well Pump and Motor Information

	Pump	Data	Motor	r Data	
0	Manufacturer	Berkoley pung	Manufacturer	Marathon, E	lect.
	Serial Number	6240403		CAT NO. 2409	
	Model Number	B3 EP MS	Rated Horsepower	5	
	Туре	COR	Rated Amps		
	Impeller Diameter	7.63.	Rated Volts	230	
``	Rated Speed		Rated Speed	1730	
,	Rated Discharge		Phase		
	Rated Head		Service Factor		

Booster Pump and Motor Information

Model	AVAZ:	BTCDW	7027	AA
-------	-------	-------	------	----

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 En	ergy Consu	ımed				
KW = 3.6 × h	(h×Multipl	ier×No. of r	evolutions	(N) ÷ Time (T)	in seconds	per N
Cond.#1 N =	(No. of [Disc Rev) Tim	e (sec) = ()+()+()/3 =	Ave
3.6×	_ (Kh) ×	(Mult)×	(N) +	(T) = *	KW	
Cond.#2 N =	(No. of I	Disc Rev) Tim e	€ (sec) = ()+()+()/3 =	Ave
3.6 ×	(Kh)×	(Mult)×	(N) ÷	(T) = *	KW	
Cond.#3 N =	(No. of i	Disc Rev) Tim (3 (sec) = ()+()+()/3 =	Ave
3.6 ×	(Kh)×	(Mult) ×	(N) ÷	(T) = *	KW	

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 Coeff	icient (PCC) = KW × 543	1 ÷GPM	Apple and the second se
PCC Cond #1 = *	(KW) × 5431 ÷ *	(gpm) =	(kWh/ac.ft)
Qualifier Condition 1	: 123456789 Other		
Percent of seasonal u	se * Description * _		AMERICAN TO THE PART OF THE PA
PCC Cond #2 = *	(KW) × 5431 ÷ *	(gpm) =	(kWh/ac.ft)
Qualifier Condition 2	2: 1 2 3 4 5 6 7 8 9 Other		
Percent of seasonal u	se * Description * _		
PCC Cond #3 = *	(KW) × 5431 ÷ *	(gpm) =	(kWh/ac.ft)
Qualifier Condition 3	3: 123456789 Other		
Percent of seasonal u	se * Description * _		
Is the system operator required to trace	ck and report changes in system o	operation? ~ Yes	~ No (check one)
System Type (circle all that apply)	: Pivot, linear / Wheel In / Hand Ir	ı / Gated pipe, flood	I / Drip / Open Discharge

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

Static Water Levelftftftf	ils? ~ Yes ~ No ~ Uncertain t at condition # entage of seasonal use
Static Water Levelft	t at condition #entage of seasonal use
Further describe system operating conditions (if necessary) and how percewas obtained: Sketch of pumping plan layout or photograph of pumping plant and piping	entage of seasonal use
was obtained: Sketch of pumping plan layout or photograph of pumping plant and piping	
	<u>.</u>
$= I_{F_{\overline{k}^{*}}}.$	
ere	
Site tag on gate of the inset	1643.
Will of 16015 of the portable pump	>
Hot Springs Rd	
certify that the above information is true and correct to the best of my knowledg neasurements taken and recorded are in accordance with the standards and sp equipment used.	
Signature Date	





photo 1644

Pump at the house



Photo 1645

Hodge pump