STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

RECEIVED
JAN 31 2007
DEPT. OF WATER RESOURCES
SOUTHERN REGION

REPORTING YEAR 2006

TIME CLOCK METHOD

ATTENTION: Year end data must be submitted to Water District 130, 1341 Fillmore St. Ste 200, Twin Falls Idaho 83301, on or before **January 15** of the following year.

Reporter ID/Name:	____	RYAN TELFORD NORTH SLOPE RANCH 04S 19E 02 SENESE			_____
Legal Description:	T____	BIG WELL			1/4 _____ 1/4
Site Tag No:	____	A0004634	401650	7	_____
Diversion Name:	_____				

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner Please check for address correction ☐

Name Telford Mike (Last, First, MI) Phone 208 532-4555

Address 1450 W Hwy 24 Fax _____

City Paul Mobile 431-5957

State & Zip Id 83347 e-mail _____

Operator or Contact Person *(if different from owner)*

Name Telford Ryan (Last, First, MI) Phone _____

Address 1358 E 1120 N Fax _____

City Richfield Mobile 431-5958

State & Zip Id 83349 e-mail _____

SECTION II Water Use Information

Crop	Acres	Non-Irrigation Use(s)
_____	_____	Dairy
_____	_____	_____
_____	_____	_____
Total acres	_____	
Number of idled acres	_____	

DE 2/23/0

SECTION III Operating Hours (REQUIRED INFORMATION)

Does this pump open discharge? (Yes) / No (circle one) Is the pump ever throttled? Yes / (No)

Measured flow rate 107 Units of Measurement: (gpm), cfs, or other _____

Date (enter date of reading)	Time Clock reading	Discharge Pressure
January ( )	9890	Open discharge
February ( )		
March ( )		
April ( )		
May ( )		
June ( )		
July ( )		
August ( )		
September ( )		
October ( )		
November ( )	↓	
December (12/31)	10643	Open discharge

SECTION IV Modifications made to water system

Please describe in the space below any major modification made to the pumping plant or piping system during the reporting year.

none

SECTION V Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Ryan Tolk Manager 1/7/07

Signature Title Date

For Department Use Only

Reviewed by_____ Date_____

Data entry by_____ Date_____

STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

REPORTING YEAR 2005

TIME CLOCK METHOD

ATTENTION: Year end data must be submitted to Water District 130, 1341 Fillmore St. Ste 200, Twin Falls Idaho 83301, on or before **January 15** of the following year.

A separate reporting form must be submitted for each diversion.

Reporter ID/Name:				
Water Source:		NORTH SLOPE RANCH		
Legal Description:	T	Ground Water 04S 19E 02 SENESE	40040	3
Site Tag No:		A0004634	401650	
Diversion Name:		BIG WELL	7	

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner Please check for address correction ☐

Name Telford Mike S. (Last, First, MI) Phone

Address 1450 W Hwy 24 Fax

City Paul, Mobile

State & Zip Idaho 83347 e-mail

Operator or Contact Person *(if different from owner)*

Name Telford Ryan (Last, First, MI) Phone

Address 1358 E 1120 N Fax

City Richfield Mobile

State & Zip Idaho 83349 e-mail

Original Owner *(if sold within last year)*

Name (Last, First, MI) Phone

Address Fax

City State & Zip

D.E. 8-23-06

SECTION II Well Information

Note: Idaho code measurement statute 42-701 requires water users to measure water levels in their wells. However, the department recognizes that measuring water levels in some wells is very difficult, especially wells with submersible-type pumps installed. If the water level cannot be measured, please give a brief explanation in the comments section.

Static Water Level: _____ ft. Date _____
Depth to water level with the pump off and water level stabilized, measured from approximate ground level to water surface in well.

Dynamic Water Level: _____ ft. Date _____
Depth to water in the well with the pump operating at or near full capacity and the water level stabilized.

Pump discharge pressure at normal operating conditions: _____ PSI (pounds per square inch) open discharge

Does this pump open discharge? (Yes) / No (circle one) Is the pump ever throttled? Yes (No)

SECTION III Operating Hours

Measured flow rate 109 Units of Measurement: (gpm,) cfs, or other _____

Date (enter date of reading)	Time Clock reading	Discharge Pressure
January (1/1/05)	8934	
February ( )		
March ( )		
April ( )		
May ( )		
June ( )		
July ( )		
August ( )		
September ( )		
October ( )		
November ( )		
December (1/31/05)	9890 hrs	

Total Clock Hours ~~956~~ 956 Total Acre-feet 19.19

* Equations: Acre Feet = **GPM** x Hours / 5431 or
Acre Feet = **CFS** x Hours / 12.1

SECTION IV Modifications made to water system

Please describe in the space below any major modification made to the pumping plant or piping system during the reporting year.

SECTION V Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Signature Title Date

WMP2 5-7-1997

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

WATER MEASURING DEVICE CERTIFICATION

Date of Testing 8/26/97

Person performing test [illegible]

Name: North Slope Dairy

Water Right No: _____

Legal Description: T_____ R_____ Sec_____ _____¼ _____¼ _____¼

Site Tag No: _____

Diversion Name: Large Well

Current Owner

Name_____ Phone _____
Last, First, MI

Address_____ City _____ State _____ Zip_____

Operator *(if leased or operated by someone else)*

Name_____ Phone_____
Last, First, MI

SECTION I WELL SITE IDENTIFICATION

Global Positioning System Data:

Data Collection Filename _____ Offset _____

IDWR Site Tag Identification No. _____

Site Tag location description: _____

PLS/USGS Locator _____

For Department/District Use Only

Received by _____ Date _____

Reviewed by _____ Date _____

Data Entry by _____ Date _____

SECTION II INSTALLED METER INFORMATION

METER AND MOUNTING PIPE INFORMATION			
Date of meter Installation		Multiplier - Flow rate	
Manufacturer	McCrometer	Multiplier - Totalizer	
Meter Type	Propeller	Location (good, fair, poor)	Poor - immediately downstream of a valve - adjacent to it.
Model		Pipe information	
Serial Number	78 3 1428	Pipe material	C.S.
Size (nominal)	3"	Outside Diameter	11¼" Circum. = 3.558
Measure Flow Rate?	(circle one) Yes No	Wall Thickness	~~.025~~ 0.25
Measurement Units	(circle one) CFS GPM Other(specify)	Inside Diameter	
Measure Cumulative Volume?	(circle one) Yes No	Dist. of straight pipe upstream from meter	0.0
Volume Units	Acre-Feet Yes No Other(specify) Gal	Dist. of Straight pipe downstream from meter	Lots

SECTION III CERTIFICATION FOR CALIBRATION OF A WATER MEASUREMENT METER

See back page for instructions.

Measurement No. 1 (M_1) is the measured rate of flow from the permanently installed flow meter.

Measurement No. 2 (M_2) is the measured rate of flow from the measuring device being used to check the flow for the calibration. This method or device must be accurate to within ± 5% error. Describe below the method and equipment used to perform this measurement.

_____

_____

Percent Difference = $(M_1 - M_2) \div M_2 \times 100 = \pm$ % (Acceptable is within ± 10%) (equation 1)

Calibration Multiplier = $M_2 \div M_1$ (equation 2)

Is flowmeter installed according to manufacturer's specifications? Yes / No / Unsure

Describe any apparent problems with installation or operation _____

_____

_____

Flowmeter accuracy prior to any adjustments: _____. Totalizer reading _____

Flowmeter accuracy after final adjustment: _____. Totalizer reading _____

Flowmeter calibration multiplier: _____

Water Level Data

Does the well have **access** to measure water levels? Yes / No

Static Water Level _____ ft Pumping Water Level _____ ft (at condition #_____)
Date _____ Date _____

FLOWMETER ACCURACY CALIBRATION TABLE

Owners meter (totalizer reading)	Time	Total Gallons	Ave. Flow Rate - GPM (M.)	Standard total gallons	Average flow rate (M_a)	Percent diff. (±)	Comments and adjustments
38462[illegible] 6250	12:40	didn't move			1.15 gpm		
3844 ~~[illegible]~~	~~4:06~~						
	12:35						
46250	12:45	didn't move					

Notes, Comments or Calculations: Found 2 separate systems. One as shown on inventory sheet & second one is @ 100'S in the corner of barn + shed. This second system had water flowing into it & start of calibration period. First system didn't have water flowing into it. Pressure pump is 50"N in a well house. This pump was operating continuously. Big line (3") coming in to system #1 was where transducer was connected. I could tell system #1 was being drained by watching a piece of tape on a pipe + referenced to water level.

Sketch and or photograph of installation: Meter doesn't work. 37" to water.

Photos

Neither Flow rate or Volume Works

I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature _____ Date _____
(person performing measurements)

INSTRUCTIONS: Permanently installed flowmeters must be checked at the time of installation and at least once every four years or whenever major repairs or maintenance has been performed. **All documentation to support data such as notes, printout tapes, etc., should be attached to this form for submittal.**

Meter certification and calibration is necessary to verify the installation and accuracy of permanently installed flowmeters and to enhance the accuracy of flowmeter measurements. The Department's goal for permanent flowmeters is an installed accuracy of ± 10 percent or better. Inaccuracies exceeding ± 10 percent are not acceptable. If a flowmeter is not accurate to within ± 10 percent, a **calibration multiplier** may be used if the inaccuracy is consistent over the normal range of flows measured by the meter. If a meter is not accurate to within ± 10 percent and the inaccuracy is not consistent, the meter should be repaired, replaced, or relocated in order to alleviate the problem.

The **calibration multiplier** is an adjustment applied to flowmeter readings which should result in a more accurate measurement. Calculate the multiplier by dividing the standard meter reading by the permanent meter reading (see equation 2, page 2). The calibration multiplier will by applied by the Department or District to the meter reading submitted by the owner of the meter.

The following items should be documented on this form:

1) Flowmeter accuracy prior to any adjustments.

2) Any adjustments made to the flowmeter.

3) Final flowmeter accuracy when adjustments or repairs are made

4) Flowmeter calibration multiplier when the final accuracy is not within ± 10%.

5) Flowmeter totalizer and rate readings prior to adjustment, and after adjustments are complete.

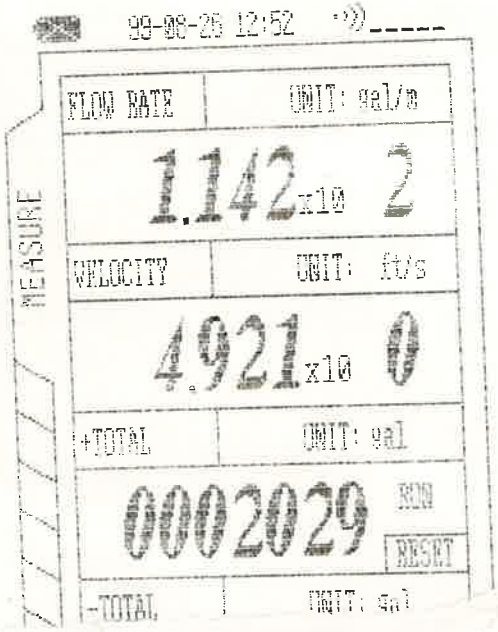
Use the **flowmeter accuracy calibration table** to record totalizer and rate readings from both the permanent and standard flowmeters. Calculate the percent difference between the two meter readings using equation 1 on page 2. Document any adjustments made to the meter.

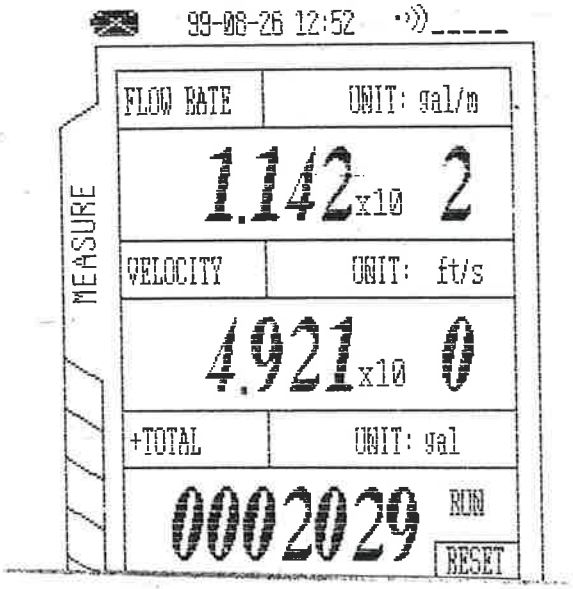
Flowmeter accuracy is not always consistent; a meter may be accurate at one flow rate, but not at others. Whenever possible, check the meter's accuracy at two or three different flow rates over the range of flows normally measured by the meter (low, high, moderate).

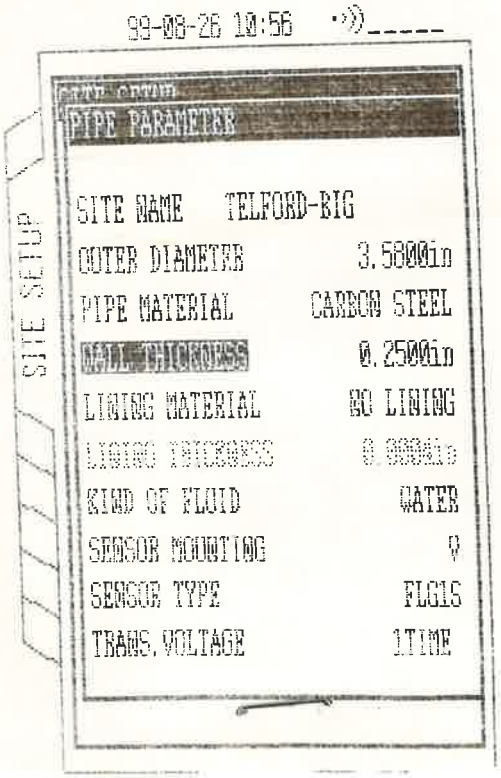
99-08-26 12:45:00
+1.151E+2 gal/m
+TOTAL 0001159 gal
ABNORMAL

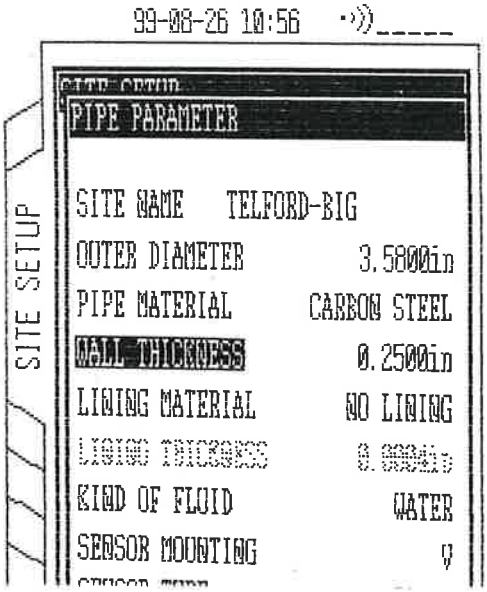
99-08-26 12:50:00
+1.154E+2 gal/m
+TOTAL 0001735 gal
ABNORMAL

115.2 gpm









PCC2 6-25-97

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

POWER CONSUMPTION COEFFICIENT WORKSHEET

District WM Inventory Date 12-9 Inventory Examiner Dan Nelson PCC ok? Yes / no

Time check

Date of test _____ Person performing test _____ Exam complete? Yes / no

Name: _____

Water Right No: _____

Legal Description: T_____ R_____ Sec._____ _____¼ _____¼ _____¼

Site Tag No: A 000 463 H

Diversion Name: Big Well

IF OWNER PUTS WELL ON SEPERATE METER PCC WILL WORK

Current Owner

Name _____ Phone _____
Last, First, MI

Address _____ City _____ State _____ Zip _____

Operator (if leased or operated by someone else)

Name _____ Phone _____
Last, First, MI

SECTION I WELL SITE IDENTIFICATION

Global Positioning System Data:

Data Collection Filename R12 0718A Offset 0

IDWR Site Tag Identification No. A0001034

Site Tag location description: On Casing

PLS/USGS Locator _____

Diversion Name Big Well

_____

For Department/District Use Only

Received by _____ ***Date*** _____

Reviewed by _____ ***Date*** _____

Data Entry by _____ ***Date*** _____

384462

Well Pump and Motor ...formation

PUMP DATA	
Manufacturer	
Serial Number	
Model Number	
Type	
Impeller Diameter	
Rated Speed	
Rated Discharge	
Rated Head	

MOTOR DATA	
Manufacturer	
Serial Number	
Rated Horsepower	
Rated Amps	
Rated Volts	
Rated Speed	
Phase	
Service Factor	

Booster Pump and Motor Information

PUMP DATA	
Manufacturer	
Serial Number	
Model Number	
Type	
Impeller Diameter	
Rated Speed	
Rated Discharge	
Rated Head	

MOTOR DATA	
Manufacturer	
Serial Number	
Rated Horsepower	
Rated Amps	
Rated Volts	
Rated Speed	
Phase	
Service Factor	

Power and Water Metering Information

KILOWATT-HOUR METER	
Utility	
Pole No.	
Meter Manufacturer	
Meter Serial No.	
Disc Constant(Kh)	
Rated Voltage	
Demand	
Multiplier **(Mult)**	
CTR (Current) PTR (Voltage)	

WATER MEASUREMENT EQUIPMENT and PIPE INFORMATION	
Std Meter Manufacturer	
Std Meter Model No.	
Std Meter Type	Sonic Pyg Collins Hall Anub Dye/chem Other
Std. Meter Confidence	Excl Good Fair Poor 2% 5% 10% >10%
PSI gauge ID location ≈ disch head?	District / Owner _____ Yes / No
Pipe material	
Pipe Outside Diameter	
Pipe Inside Diameter	
Distance of straight pipe upstream and down	Upstream /Down

Determination of Power Consumption Coefficient

Kilowatts of Energy Consumed

KW = 3.6 × Kh × Multiplier × No. of revolutions(N) ÷ Time(T) in seconds per N

Cond.#1 **N** =_____ (No. of Disc Rev) **Time** (sec) = (_____)+(_____)+(_____)/3 = _____ Ave

3.6 × _____(Kh) × _____(Mult) × _____(N) ÷ _____(T) = _____ **KW**

Cond.#2 **N** =_____ (No. of Disc Rev) **Time** (sec) = (_____)+(_____)+(_____)/3 = _____ Ave

3.6 × _____(Kh) × _____(Mult) × _____(N) ÷ _____(T) = _____ **KW**

Cond.#3 **N** =_____ (No. of Disc Rev) **Time** (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 Coefficient (PCC) = KW × 5431 ÷ GPM

PCC Cond. #1 = _____(KW) × 5431 + _____(gpm) = _____(kWh/ac.ft)

Percent of seasonal use _____ Description _____

PCC Cond. #2 = _____(KW) × 5431 + _____(gpm) = _____(kWh/ac.ft)

Percent of seasonal use _____Description _____

PCC Cond. #3 = _____(KW) × 5431 + _____(gpm) = _____(kWh/ac.ft)

Percent of seasonal use _____Description _____

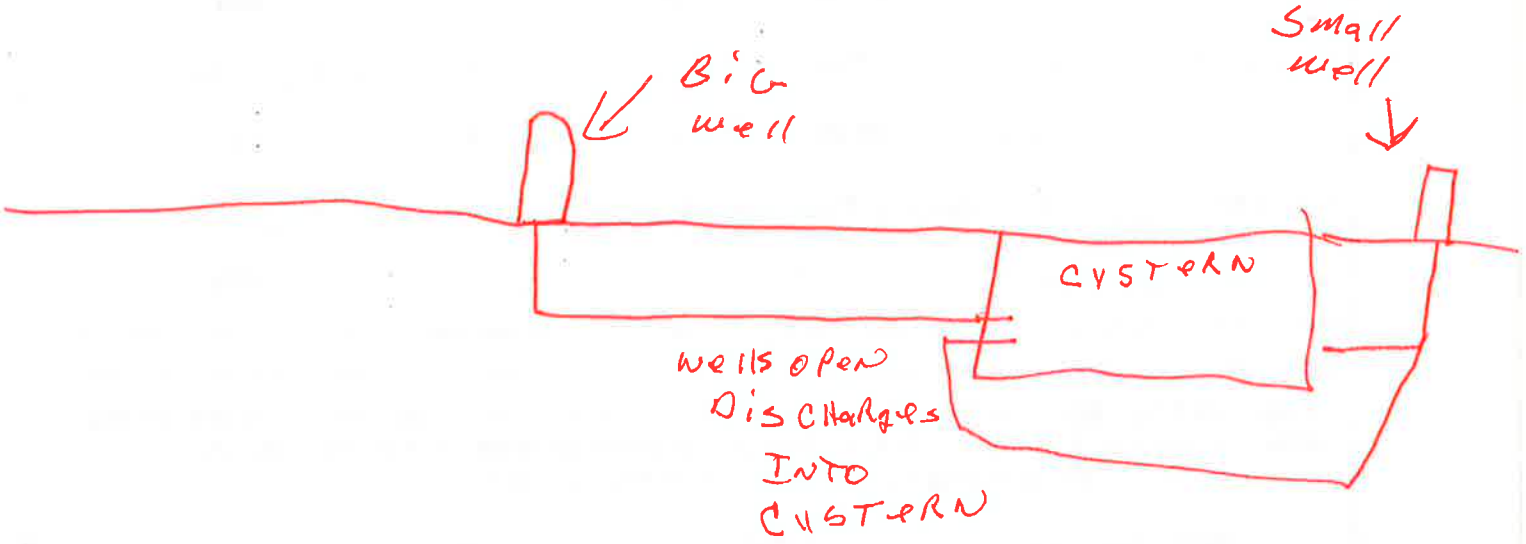
Is the system operator required to track and report **changes in system operation?** Yes / No
(see form PCC3)
System Type (all that apply): Pivot, linear / Wheel ln / Hand ln / Gated pipe, flood / Drip/ Open dsch

Water Level Data

Does the well have **access** to measure water levels? Yes / No
Is this well part of USGS, IDWR, or another **network** of water level monitoring wells? Yes / No / Uncertain
Static Water Level _____ft **Pumping Water Level** _____ft (at condition #_____)
Date _____ **Date** _____

Further describe system oper. g conditions (if necessary) and how perce. ge of seasonal use was obtained:

Sketch of pumping plant layout or attach photograph of pumping plant and piping:



Comments:

I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature _____ Date _____
(person performing measurements)

PCC2 6-25-97

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

POWER CONSUMPTION COEFFICIENT WORKSHEET

District WMO Inventory Date 12-9 Inventory Examiner Dan Mabe PCC ok? Yes / no

Timeclock

Date of test _____ Person performing test _____ Exam complete? Yes / no

Name: _____

Water Right No: _____

Legal Description: T_____ R_____ Sec_____ _____¼ _____¼ _____¼

Site Tag No: _____

Diversion Name: SM911 well

IF the owner can put wells on seperate meters PCC will work

Current Owner

Name_____ Phone _____
Last, First, MI

Address_____ City _____ State _____ Zip_____

Operator (if leased or operated by someone else)

Name_____ Phone_____
Last, First, MI

SECTION I WELL SITE IDENTIFICATION

Global Positioning System Data:

Data Collection Filename R12-0917A ***Offset*** 0

IDWR Site Tag Identification No. A0004433

Site Tag location description: On casing

PLS/USGS Locator _____

Diversion Name Small well

For Department/District Use Only

Received by _____ ***Date*** _____

Reviewed by _____ ***Date*** _____

Data Entry by _____ ***Date*** _____

Well Pump and Motor Information

PUMP DATA	
Manufacturer	
Serial Number	
Model Number	
Type	
Impeller Diameter	
Rated Speed	
Rated Discharge	
Rated Head	

MOTOR DATA	
Manufacturer	
Serial Number	
Rated Horsepower	
Rated Amps	
Rated Volts	
Rated Speed	
Phase	
Service Factor	

Booster Pump and Motor Information

PUMP DATA	
Manufacturer	
Serial Number	
Model Number	
Type	
Impeller Diameter	
Rated Speed	
Rated Discharge	
Rated Head	

MOTOR DATA	
Manufacturer	
Serial Number	
Rated Horsepower	
Rated Amps	
Rated Volts	
Rated Speed	
Phase	
Service Factor	

Power and Water Metering Information

KILOWATT-HOUR METER	
Utility	
Pole No.	
Meter Manufacturer	
Meter Serial No.	
Disc Constant(Kh)	
Rated Voltage	
Demand	
Multiplier **(Mult)**	
CTR (Current) PTR (Voltage)	

WATER MEASUREMENT EQUIPMENT and PIPE INFORMATION	
Std Meter Manufacturer	
Std Meter Model No.	
Std Meter Type	Sonic Pyg Collins Hall Anub Dye/chem Other
Std. Meter Confidence	Excl (2%) Good (5%) Fair (10%) Poor (>10%)
PSI gauge ID location ≈ disch head?	District / Owner _____ Yes / No
Pipe material	
Pipe Outside Diameter	
Pipe Inside Diameter	
Distance of straight pipe upstream and down	Upstream /Down

Determination of Power Consumption Coefficient

Kilowatts of Energy Consumed

KW = 3.6 × Kh × Multiplier × No. of revolutions(N) ÷ Time(T) in seconds per N

Cond.#1 N =_____ (No. of Disc Rev) **Time** (sec) = (_____)+(_____)+(_____)/3 = _____ Ave

3.6 × _____(Kh) × _____(Mult) × _____(N) ÷ _____(T) = _____ KW

Cond.#2 N =_____ (No. of Disc Rev) **Time** (sec) = (_____)+(_____)+(_____)/3 = _____ Ave

3.6 × _____(Kh) × _____(Mult) × _____(N) ÷ _____(T) = _____ KW

Cond.#3 N =_____ (No. of Disc Rev) **Time** (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 Coefficient (PCC) = KW × 5431 ÷ GPM

PCC Cond. #1 = _____(KW) × 5431 ÷ _____(gpm) = _____(kWh/ac.ft)

Percent of seasonal use _____ Description _____

PCC Cond. #2 = _____(KW) × 5431 ÷ _____(gpm) = _____(kWh/ac.ft)

Percent of seasonal use _____ Description _____

PCC Cond. #3 = _____(KW) × 5431 ÷ _____(gpm) = _____(kWh/ac.ft)

Percent of seasonal use _____ Description _____

Is the system operator required to track and report **changes in system operation?** Yes / No
(see form PCC3)

System Type (all that apply): Pivot, linear / Wheel ln / Hand ln / Gated pipe, flood / Drip/ Open dsch

Water Level Data

Does the well have **access** to measure water levels? Yes / No

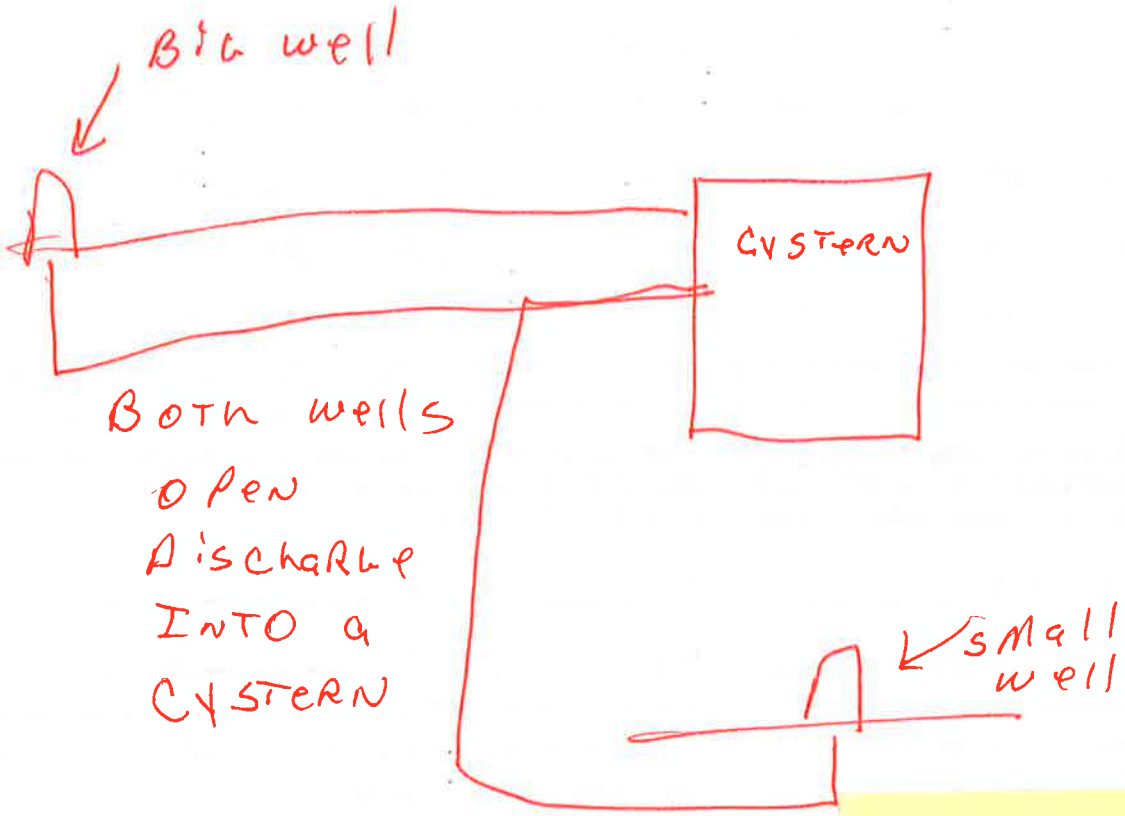
Is this well part of USGS, IDWR, or another **network** of water level monitoring wells? Yes / No / Uncertain

Static Water Level _____ft **Pumping Water Level** _____ft (at condition #_____)

Date _____ **Date** _____

Further describe system ope ig conditions (if necessary) and how perc age of seasonal use was obtained:

Sketch of pumping plant layout or attach photograph of pumping plant and piping:



Follow up on meters for well both Big & small well

Comments:

I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature _____ Date _____
(person performing measurements)

4-12-05 North Slope Dairy ~~S~~ C. Yenter

Mike Telford 431-5957
Ryan Telford 431-5958 → 1358 E 1120 N Richfield

OD ~~4.143~~ 3.57 pipe = C.S. (Send reports to Ryan)
T = .23
Space ~~3.087~~ 2.356 on FLD12

Timed 5 min (cistern nearly full)
543 gal/5 = 108.6 gpm
(NO LOG)

Time Clock Reading 8648.7 → 172.9 AF since install

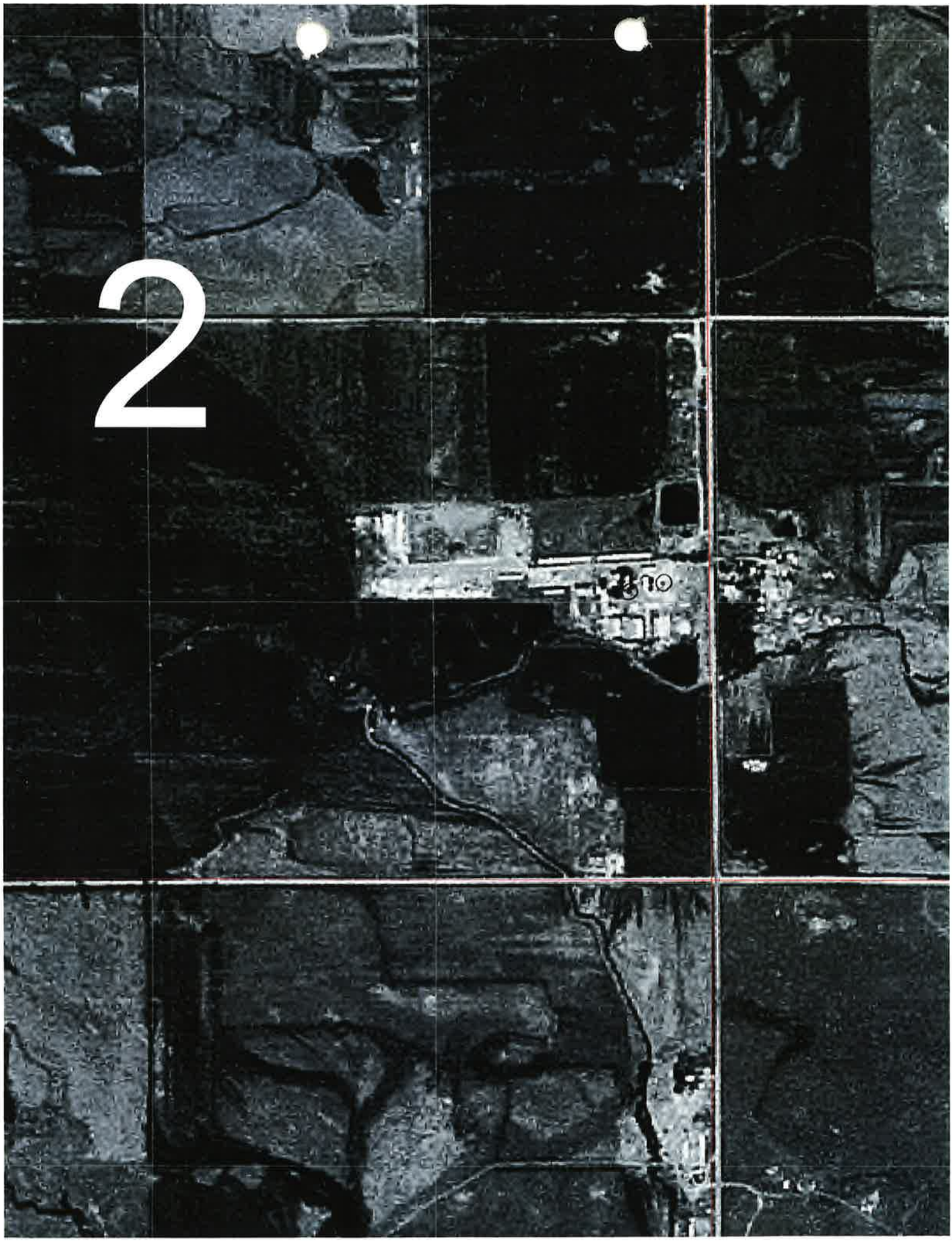
Clock is on panel in pumphouse in front of mobile home.

Only one well is operable – Main or Big well A0004634

Other has been abandoned
Both discharged to large cistern – all water is re-pressurized to home, dairy, lawn etc.

Clock installed May 1999 see letter from Telford in file

Aug diversions May 99 – Apr 05 35 AFA
(1440 hrs/~~month~~ year)


2

Arnold.

Per our conversation –

I can't find the report for 1998.
The clock wasn't installed until May
of this year –
It is now operational.
But I don't have anything to report for 1998.

If you need something further
Please call.

Also the name of owner needs
to be changed to me.

Thanks
Mike

Fee was paid 5/24/99 check # 2048
from Northshore Ranch

WEST ESPA WATER MEASUREMENT DISTRICT
1999 ANNUAL ASSESSMENT NOTICE

02/11/99
ID# 40040

TO: **IDAHO CONSOLIDATED DAIRY FARMS**
DBA NORTH SLOPE DAIRY
1450 WEST HIGHWAY 24
PAUL ID 83347

Water Right Number	Name	Location	Diversion Rate (cfs)
A37-07650	IDAHO CONSOLIDATED DAIRY FARMS	04S 19E 2 SENESE	0.74
A37-07650	IDAHO CONSOLIDATED DAIRY FARMS	04S 19E 2 NESE	0.74

Total Water Right Diversion Rate: 0.74 CFS
Pro-rate cost factor = $34.37 per cfs
(1) Assessed pro-rate cost: $ 25.43

Total number of diversions: 2
(2) Total number of diversions x $25: $ 50.00

Total 1999 assessment (1) + (2): $ 75.43

PLEASE REMIT PAYMENT ON OR BEFORE APRIL 1, 1999

Assessments not paid by April 1 shall bear interest from the due date until paid at the rate of eight percent (8%) per annum.

We have carefully tried to describe your points of diversion and flow rates authorized by water rights without duplication or error. If you feel there is a mistake, please contact the water measurement district office (located in the IDWR Regional Office, Twin Falls) at (208) 736-3033.

RECEIVED
JUN 09 1999
Department of Water Resources
Southern Region

RECEIVED
JUN 09 1999
Department of Water Resources
Southern Region

(keep this portion for your records)

(detach here and return with payment)

PLEASE REMIT PAYMENT ON OR BEFORE
April 1, 1999 PAYABLE TO:
WEST ESPA WATER MEASUREMENT DISTRICT
C/O IDWR SOUTHERN REGION
1341 FILLMORE ST STE 200
TWIN FALLS ID 83301-3380

RECEIVED
JUN
Department of
Southern

Number of diversions: 2
Total diversion rate: 0.74 CFS

Total assessment: $75.43

ID# 40040
IDAHO CONSOLIDATED DAIRY FARMS
1450 WEST HIGHWAY 24
PAUL ID 83347

Address correction requested

Michael TELFORD
1450 West Highway 24
Paul Idaho 83347

Over.

Michael

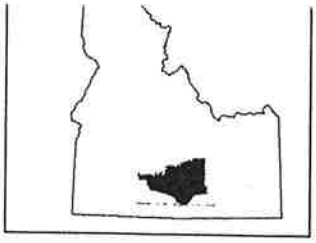
8-25-99 ABW

Big Well

Pumps into system + water is then pressurized into dairy
Has Hours meter installed

Little Well

Dropped pump down the hole. May have to drill new hole.



WEST ESPA WATER MEASUREMENT DISTRICT
C/O IDAHO DEPARTMENT OF WATER RESOURCES
1341 FILLMORE ST STE 200
TWIN FALLS ID 83301-3380
TELEPHONE NUMBER (208) 736-3033

IDWR DIRECTOR
KARL J. DREHER

September 2, 1999

North Slope Dairy
ATTN: Michael Telford
1450 West Hwy 24
Paul, ID 83347

Dear Michael,

I measured the water flow from your large dairy well on August 26, 1999. This well produces 115 gallons per minute (gpm). There is a McCrometer flow meter installed approximately 3 feet upstream from where the pipe discharges into the cistern. This meter is not operating at this time. I don't know if you are planning to repair this meter. The meter is in a poor location because it is directly downstream of a control valve. This valve creates a major turbulence of the flow pattern in the water as it moves through the pipe. This turbulence will cause the meter to give inaccurate readings. I am enclosing a copy of the guidelines from the department relating to the installation of meters if you decide to repair the meter.

Another option that can used to measure your yearly diversion of water is to install an hour meter on your pump. This electrical meter displays the hours the pump operates each year. Your pump freely discharges into the cistern so the pump will pump a constant amount and does not vary, as do pumps that discharge into systems that use pressure tanks. I would multiple the 115-gpm production of your well by the hours the pump operates to obtain your yearly annual diversion.

This hour meter method can also be used for the small well once you have it operating. Again, this is assuming the pump has free discharge into the cistern and there is also a place on the pipe where I can attach my equipment to measure the flow of the well.

This department has not obtained a yearly volume of your diversions from these wells; therefore there is an urgency in obtaining a functioning meter on your system.

If you have any questions please don't hesitate to contact me at the above address or telephone number.

Respectfully,

Arnold Wetzstein

530 000 FEET

T 3 S

T 4 S

4477

4476

4474

5'

4473

4472

4471

4470

2'30"

4469

(PAGARI) 3170 II SE

CAREY 22 MI.

ARCO 66 MI.

Byrns Slough

Slough

Byrns Jrne

Gaging Stations

Mile 46

BM 4303

BM 4545

BM 4548

BM 4468

BM 4360

BM 4291

Richfield (BM 4324)

Reynolds Airport

PACIFIC

Cem

WOODDOW

LITTLE

NONNI

CANAL

MAIN

EAST

Butte


7.5 MINU
728
3170 II NW
(TAPPER LAKE)
730
10'
460 000 FEET
732
Butte
4810
4700
4693
34
35
36
CANAL
MAIN
4600
4550
4500
4579
BM 4545
BM-4548
4507
4634
4650
EAST
4628
10
11
12
4530
BM
4468
4450
15
14
13
16
4395
4400
BM 4360

From: DWR60::DNELSON 9-DEC-1997 13:02:00.40
To: DWR60::AMERRITT, CSKINNER, GSATTERL, JSTANTON
CC: DNELSON
Subj: Idaho Consolidated Dairy Farms (Michael Teleford)

TO: ALLOCATION STAFF AND WMD GENERAL FILE

FROM: DANIEL A. NELSON

DATE: 12-09-97

SUBJECT: IDAHO CONSOLIDATED DAIRY FARMS, aka NORTH SLOPE RANCH, aka MIKE TELFORD

I went out to perform the West Measurement District well invintory inspection for Idaho Consolidated Dairy Farms today. During my inspection I discovered that this dairy only had one valid water right (37-07650) for 150 dairy cows. During my inspection I discovered that this dairy serves approximately 500 dairy cows. The owner (Mike Telford) stated that he should have another water right. I had another water right listed that has been cancled (37-07949). Mr. Teleford stated that this was done in error and that 37-07949 should still be active. He stated that he would come into our office and try to straighten things out.

When Mr. Teleford comes West Measurement District.

Thank You

Dan Nelson