

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7828

Exam Date: 8/17/2012

1. Current Owner: LMJPNP LLC
2692 DISTRICT TWO ROAD
BONNERS FERRY ID 83805
(208)267-3976
2. Accompanied by: BILL MICHALK
Phone No: SAME
Address: SAME
Relationship to Permit Holder: OWNER

3. **SOURCE****TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NE1/4SW1/4 Sec. 19, Twp 62N, Rge 02E, B.M. BOUNDARY County

Method of Determination: GPS AND MAP

2.

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
62N 01E 24													4.4		12.0	37.0	53.4
															L 1		
62N 01E 25	23.0	12.0															35.0
	L 1	L 2															
62N 02E 19									10.0	19.0	32.0	31.0					92.0
										L 3	L 4						

Total Acres: 180.4

C

 X Photo of Diversion and System Attached

CX110P401

1.

PUMP EQUATIONS WATER RIGHT						
No.				98-7828		
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	80	194.0816327	0.75	90	45
Q =	2.725 cfs 1223.0 gpm					

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3 \times 108.4 = 541.2 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 2.7 \times 214 \times 1.9835 = 1146.06 \text{ AFA}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{541.2 \text{ AF}}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	2.700 CFS	541.20 AF
<u>Totals:</u>		2.700 CFS	541.20 AF

2. Recommended Amendments

☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

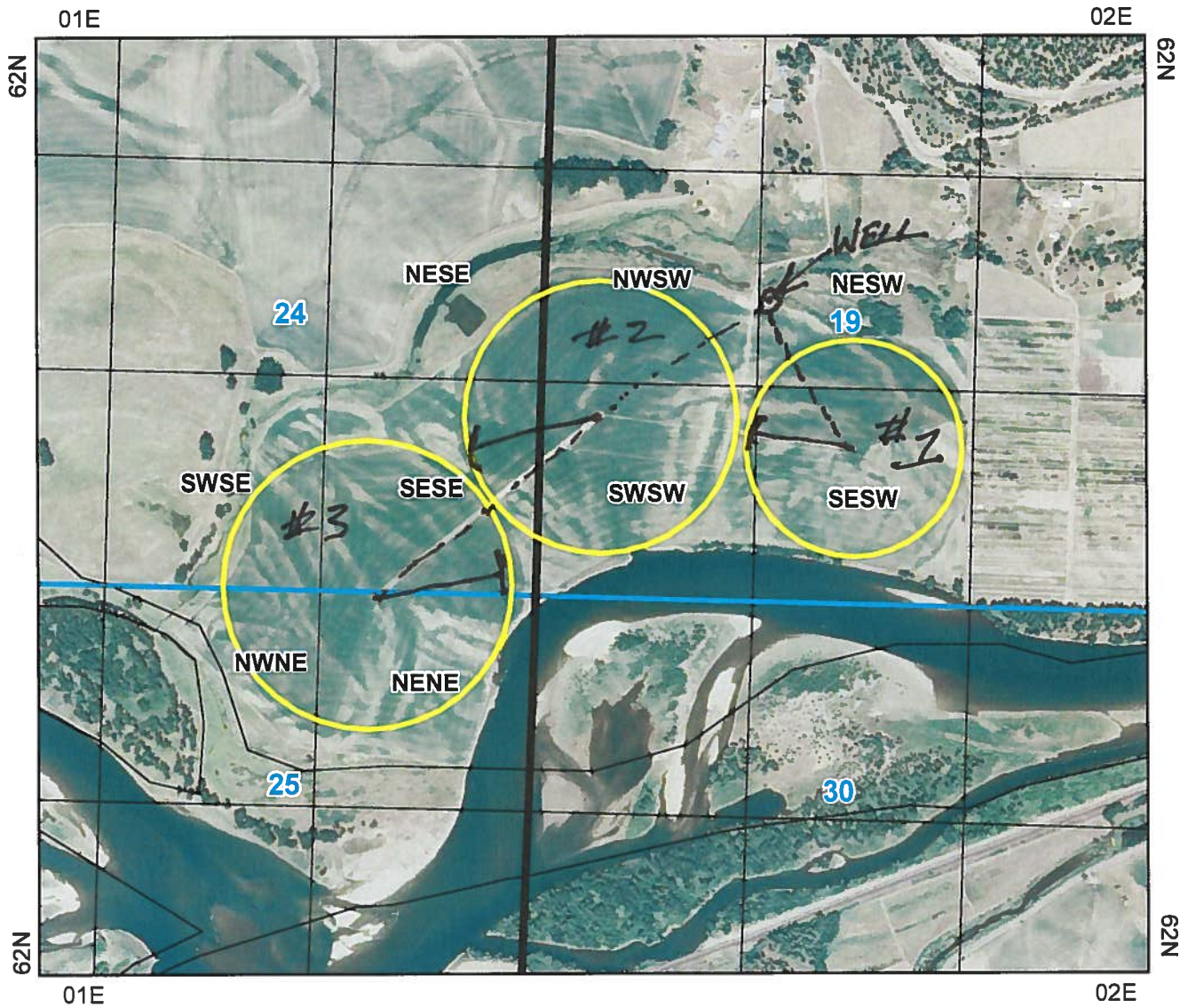
☒ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Eric [Signature] Date 2/14/2013

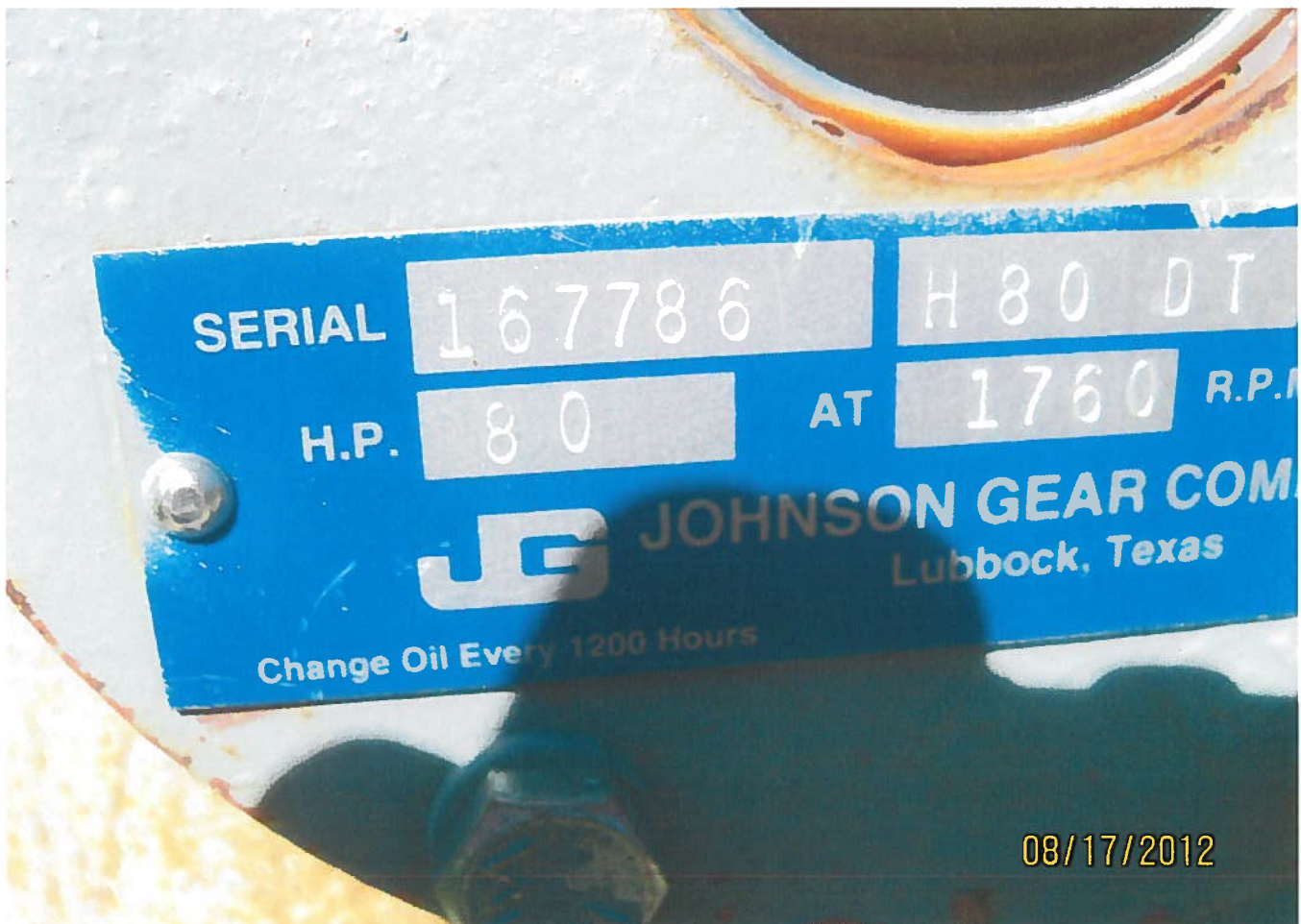
Reviewer _____ Date _____

State of Idaho
Department of Water Resources
Water Right License *SYSTEM*
98-7828



- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters

0 0.125 0.25 0.5 Miles





08/17/2012



SOM NO.
CX140P401
SERIAL NO.
1T0489



MODEL

WARNING: DO NOT OPERATE ENGINE WITH THIS PLATE REMOVED. CONTACT WITH ROTATABLE PARTS CAN CAUSE INJURY.

BILL OF MATERIAL NO. MUST BE GIVEN WHEN ORDERING PARTS. SEE I.D. 5500 FOR MAX. R.P.M. AND OTHER LIMITATIONS.

IMPORTANT: WHEN CLUTCH IS DISENGAGED, THE HAND LEVER MUST FALL BACK OF VERTICAL POSITION. IF CLUTCH DOES NOT PULL, REPAIRS OR OPERATING LEVER JUMPS OUT, ADJUSTMENT IS NECESSARY.

ADJUSTMENT: REMOVE THIS PLATE, DISENGAGE LOCKING PIN AND TURN ADJUSTING RING OR YOKE CLOCKWISE TO HAVE 103 TO 78 LBS FORCE AT 13.6 IN ON LEVER TO ENGAGE CLUTCH. NEW CLUTCH DISCS REQUIRE SEVERAL ADJUSTMENTS FOR WEAR IN.

LUBRICATION: APPLY A SMALL AMOUNT OF NO. 2 LITHIUM BASE GREASE.

EVERY 10 HOURS OF OPERATION: TO CLUTCH APPLY BEARING.

EVERY 3 MONTHS OR 100 HOURS OF OPERATION: TO ANTI-FRICTION BEARINGS

MADE IN U.S.A.

TWIN DISC
INCORPORATED
RACINE, WI. 53403 U.S.A.

1966

08/17/2012





IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only			
Well ID No.			
Inspected by			
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat:	:	Long:	:

1. WELL TAG NO. D D0040065
DRILLING PERMIT NO. 831745
Water Right or Injection Well No. 98-7828

2. OWNER:

Name Flato Family Limited Partnership
Address HCR 85 Box 338
City Bonnors Ferry State ID Zip 83805

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 62N North ☐ or South ☐
Rge. 02E East ☐ or West ☐
Sec 9 NW 1/4 NW 1/4 SW 1/4
Gov't Lot _____ County Boundary
Lat: _____ Long: _____

Address of Well Site DIST 2 RD 2.5 MI from Hwy 95
City Bonnors Ferry

(Give at least name of road + Distance to Road or Landmark)
Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____ (Replacement etc.)

6. DRILL METHOD:

☐ Air Rotary ☒ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
Bentonite Chips	0	25	2500	Overboard & Temp. Casing

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 62'

Was drive shoe seal tested? ☒ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
16" plus 2	62	375	steel		☒	☐	☒	☐

Length of Headpipe 3' Length of Tailpipe 8'

Packer ☒ Y ☐ N Type K-Packer

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____

Screen Type & Method of Installation Alloy Pullback

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
62	95	40	304	14	Stainless	☒	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

15 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

12. WELL TESTS:

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian			
Yield gal./min.	Drawdown	Pumping Level	Time
1300	10"	15'10"	8-Hours

Water Temp. 49

Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter 63'

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water
				Y N
20	0	16	Sandy Clay	
20	16	21	Silty Sand & Gravel	X
16	21	23	Silty Sand & Gravel	X
16	23	40	Silty Sand & Gravel, w/ Cobbles	X
16	40	54	Course Sand 75%, 2" minus Gravel 25%, some cobbles	X
16	54	61	Gravel 1" minus, 50% Sand Course 30%, Sand,	X
16	61	62	Med. Fine 20%, w/ Cobbles	
16	62	63	Basalt Boulder	X
16	63	67	Gravel 1 1/2" minus 50% Sand Course, 30%, Sand	X
16	67	103	Med. Fine, 20%, Cobbles	
16	67	103	Gravel 1 1/2" minus, 35% Sand Course, 35%, Sand, med. fine 30%, silty	X

RECEIVED

JUN 24 2005

IDWR/North

RECEIVED

JUN 28 2005

IDWR/North

Completed Depth 103' (Measurable)Date: Started 4-13-2005 Completed 6-7-2005

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Warren & Son Drilling Firm No. 436Principal Driller Charles Warren Date 6-23-2005and Driller or Operator II Charles J. Warren Date 6/23/05Operator I Charles Warren Date 6-23-2005

Principal Driller and Rig Operator Required.

Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES