

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7291

Exam Dates: 7/15/2024

Accompanied by: Terry Davis

1. Current Owner:

DOUBLE D FARMS LLC
2333 W 500 S
MALAD CITY, ID 83252-6035

2. **SOURCE: Ground Water****B. OVERLAP REVIEW**

1. Place of Use: Right 15-2047 is a combined right with 15-7291. The combined place of use is 133 acres, permit 15-7291 has an acre limit of 53, right 15-2047 has an acre limit of 80 acres.

2. Point of Diversion: Rights 15-7291 and 15-2047 share the same groundwater well point of diversion.

C. DIVERSION AND DELIVERY SYSTEM

The delivery system is a single well pumping directly to a nearby pivot.

1. **POINT OF DIVERSION:**

GROUND WATER SE¼ NE¼, Sec. 25, Twp 14S, Rge 35E, B.M. ONEIDA County

Method of Determination: Site inspection, GPS 42.1815, -112.3112

2. **PLACE OF USE: IRRIGATION**

Twp	Rng	Sec	NE				NW				SW				SE				Total s
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14S	35E	25	34.5	29.5	35.5	33.5													133

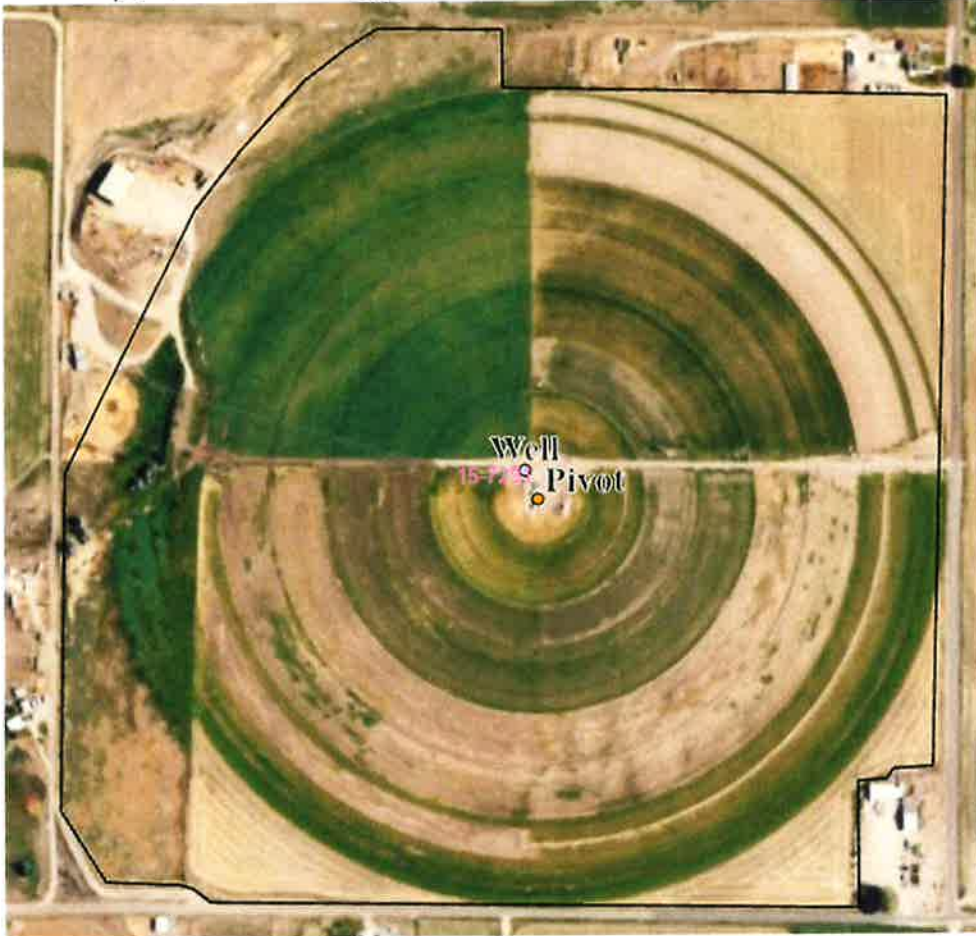
Right Acre Limit: 53

Total Acres: 133

Method of Determination: Site inspection. Aerial imagery.

DELIVERY SYSTEM:

The well pumps water to a single center pivot located about 30 feet south of the well.

**4. SYSTEM SPECIFICATIONS:**

Well ID: no physical well tag found at site visit
Pump: 75 HP submersible pump, unknown make
Motor:

D. FLOW MEASUREMENTS

Flow Meter: Lindsay Growsmart IM3000, serial #GT21061662, 6"

Flow was measured at 663 GPM, or 1.48 CFS. Permitholder said that the well system was having issues and was not pumping at the maximum flow rate.

E. FLOW CALCULATIONS

N/A, flow measured

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 53 \text{ acres} \times 3.5 \text{ AF/acre} = 185.5 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 1.06 \text{ cfs} \times 214 \times 1.9835 = 450 \text{ AF.}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \mathbf{185.5 \text{ AF.}}$$

G. NARRATIVE/REMARKS/COMMENTS

Permit History: IDWR issued permit 15-7291 on October 5, 2007. On December 04, 2012, IDWR notified the permit holder that the permit development period had been extended to October 1, 2017. On September 15, 2017 IDWR extended the development period until October 01, 2020. On 2/8/2019, IDWR issued an amended permit to the assigned permit holder Double D Farms. On July 31, 2020, IDWR notified the permit holder that proof was due on October 01, 2020. On October 01, 2020, IDWR Eastern Region received proof of beneficial use. On 11/27/2020, IDWR reinstated the permit with its original priority date (10/5/2007).

Point of diversion legal description:

The point of diversion location for the shared well is listed as the SE NE ¼ of section 25 in license 15-2047.

The point of diversion location for the shared well ^{is} ~~was~~ listed as the SE NE ¼ of section 25 in permit 15-7291.

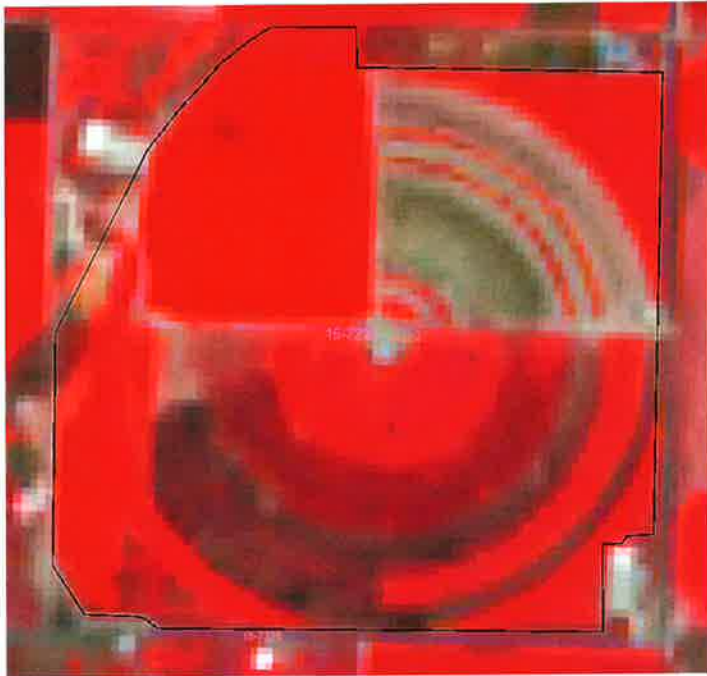
The point of diversion location for the shared well is listed as the NE NE ¼ of section 25 in a 2016 well deepening log.

The point of diversion location for the shared well was measured as the NE NE ¼ of section 25 during the field exam.

No physical change in the point of diversion has occurred in the permit development period.

Well Development: A well deepening report at the point of diversion lists a tag number of #D0068722 and depth of 250 feet on 5/10/16. A well deepening report at the point of diversion lists a tag number of #D0080633 and depth of 317 feet on 6/4/19. Neither of these well tags were visible at the point of diversion during the field exam.

Beneficial Use: Sentinel Imagery of the combined place of use for permit 15-7291 and water right 15-2047 taken on 07/04/2020, prior to submitting proof of beneficial use.



Portions of the place of use were observed to be grass sod that was harvested or newly replanted. The harvesting patterns were consistent with patterns observed in the imagery.

Flow meter reading



Fields irrigated by the pivot



Flow meter straight pipe



Water well



Have conditions of permit approval been met?

☒ X

Yes

No

H. RECOMMENDATIONS**1. Recommended Amounts**

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
IRRIGATION	04/01 to 10/31	1.06 cfs	185.5 AF

Totals:

1.06 cfs

185.5 AF

2. Recommended Amendments

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

☐ Change P.U. as reflected above
 ☐ Add P.U. as reflected above
 ☒ X None

I. AUTHENTICATION Christian Stewart, IDWR Water Resource Agent

Field Examiner's Signature Christian Stewart Date 08/23/24