

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 29-13555

Exam Date: 8/4/2011

1. Current Owner: SPACE ACRES WATER USERS
C/O DENNIS HOWELL
12550 N NEPTUNE ST
POCATELLO ID 83202
(208)237-5806

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: 29-7142

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

GROUND WATER	NE1/4SW1/4NW1/4	Sec. 32,	Twp 05S,	Rge 34E, B.M.
BANNOCK County				
GROUND WATER	NE1/4SW1/4NW1/4	Sec. 32,	Twp 05S,	Rge 34E, B.M.
BANNOCK County				

Method of Determination: Aerial photo/map

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
05S	34E	32							X										

Method of Determination: Aerial photo/map

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.

Scale: 1" = _____

- ☐ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
North well		3			
South well		3			

*Code to correspond with no. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Fuji Flow meter	ultrasonic	Fuji				

2. Measurements: South well was running at the time of the Exam. Did a 0.70 min test. The ~~Recorded~~ rate of diversion for the North well will be based on the recorded rate of diversion ~~of~~ found for the South well.

E. NARRATIVE/REMARKS/COMMENTS

Delivery system consists of two 3hp submersed pumps diverting into 4 pressure tanks and then into Space Acres water distribution system. This water right is for 2 homes which includes ½ acre lawns. Water right 29-7142 is a domestic water right for 11 homes within the Space Acres Subdivision. Licensed diversion rate for 29-7142 is 0.25 cfs.

At the time of the exam, only the south well was operating. The pump only ran for 42 seconds before shutting off. The observed rate of diversion out of the south well was 34.1 gpm. Assuming that the north well is also capable of diverting 34.1 gpm, the total rate of diversion for water right 29-13555 is 0.15 cfs (68.2 gpm). It appears that the Space Acres water delivery system is not capable of diverting more than what was licensed under right 29-7142. Thus, water rights 29-7142 and 29-13555 when combined will be limited to 0.25 cfs.

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

29-13555	'VELOCITY ft/s	'FLOW RATE gal/min	'+TOTALIZER gal
8/4/2011 11:49	3.368	36.366	72.53
8/4/2011 11:49	3.362	36.297	78.7
8/4/2011 11:49	3.303	35.661	84.8
8/4/2011 11:49	3.262	35.219	90.46
8/4/2011 11:49	3.225	34.82	96.41

42 second test

Volume (Gal)

23.88

GPM

34.1

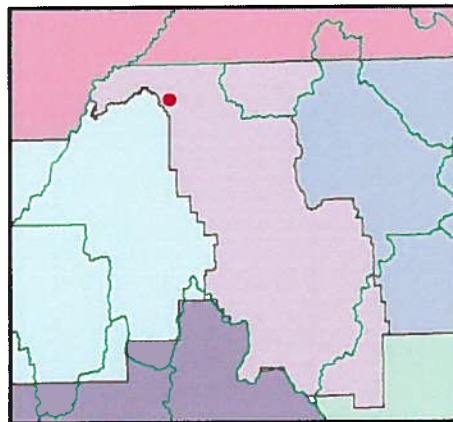


Idaho Department of Water Resources

Water Right
29-13555
(DOMESTIC)

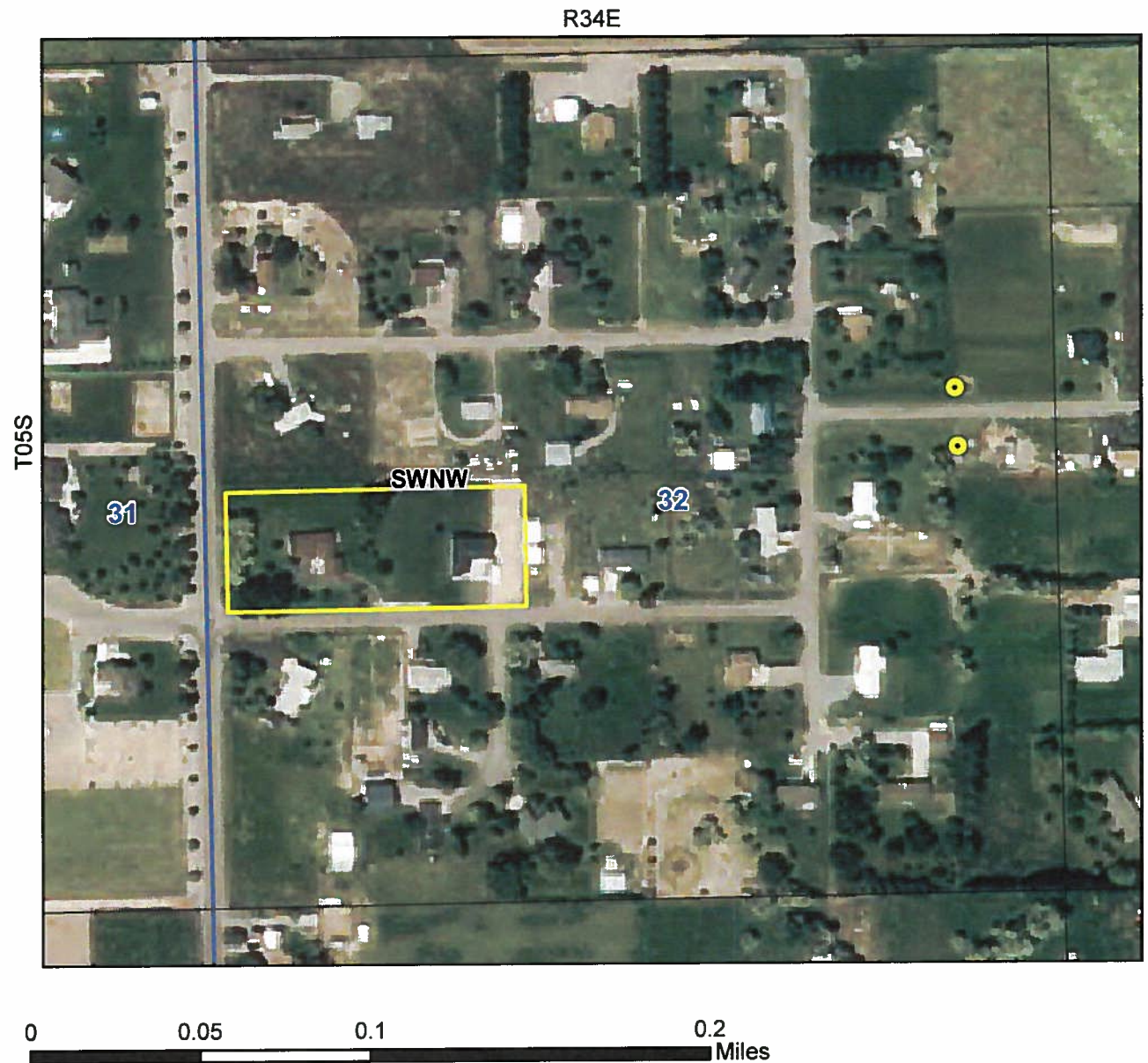
Legend

-  Point of Diversion
-  Place of Use
-  State Outline
-  Townships
-  PLS Sections
-  Quarter Quarters



Bannock County
IDWR Basin 29

Prepared by Jordan, Blake
On August 26, 2011
2009 Aerial Photography





Space Acres South Well



Space Acres North Well



Space Acres Plumbing in Well House



Snake Traps Plumbing in 10x11 House



Space Across Plumbing in Well house