

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

APR 06 2006

DEPARTMENT OF
WATER RESOURCES

A. GENERAL INFORMATION

1. Owner: James E. Sainsbury - DBA Tescuinacres LLC Permit No. 99-07351
Phone No. 208-682-2552
Current Address: PO Box 906 Pinehurst Id. 83850
2. Accompanied by: James Sainsbury EXAM DATE: 9-9-05
Address: Same as above Phone No. _____
Relationship to Permit Holder: _____
3. Source: Ground Water tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 94-7026, 94-7036
2. Other water rights with the same point of diversion: _____

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			NW	NW	13	48N	03E	Shoshone	USGS 7.5 min Quad

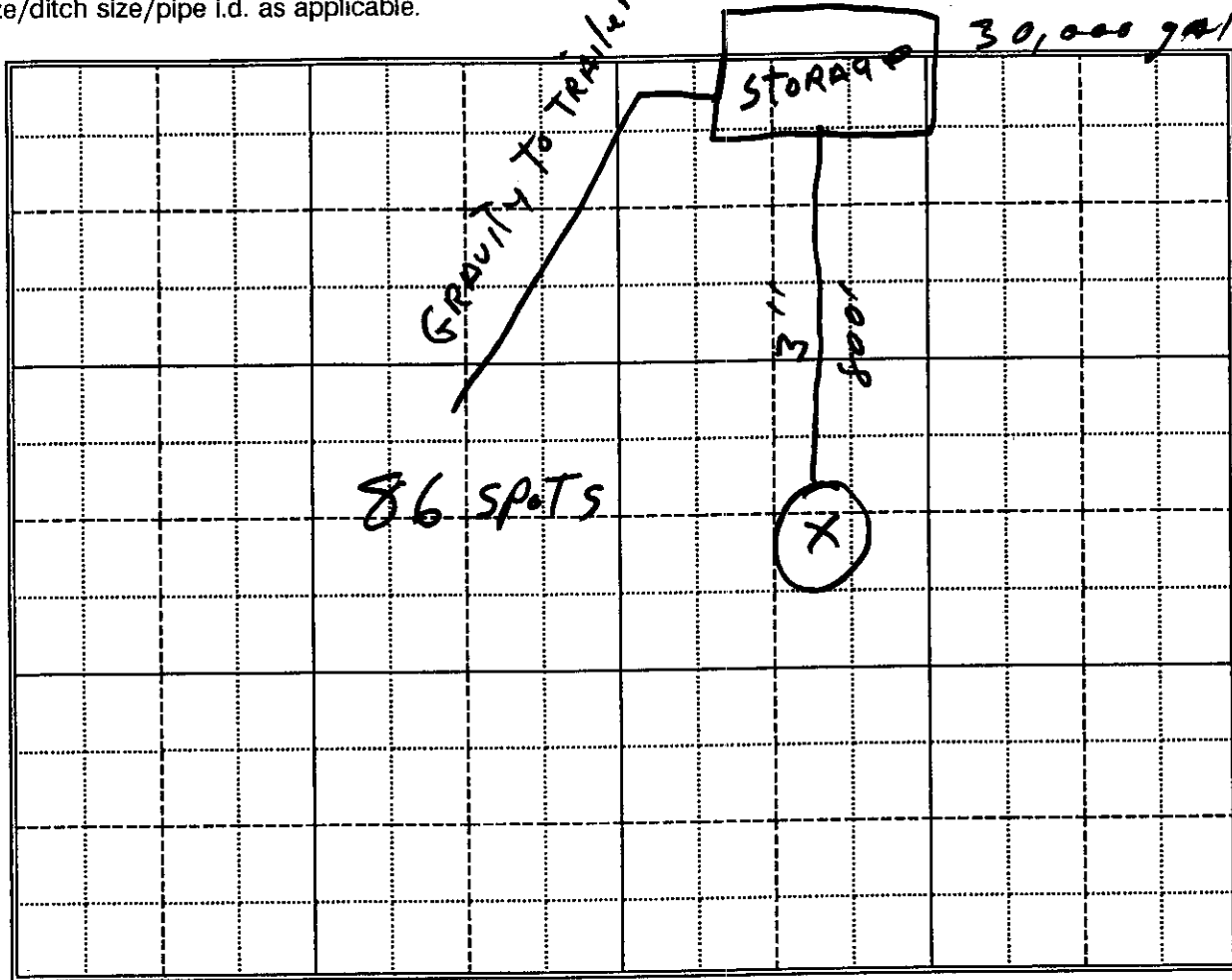
2. Place(s) of Use:

Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N	03E	13						D											

IPWS# 1400032

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



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
	Franklin	15	2822039310	Sub	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

2. Measurements: _____

E. NARRATIVE/REMARKS/COMMENTS

System completely underground, there is no way to get measurement. No meter on system. A theoretical calculation was done. The only other option was to drain storage facility & time refill that would have left 86 homes with no water.

The head pressure used in this calculation given to me by Mr. Sainsbury.

I'm not sure about ownership of permit. Name on proof and name on permit are different. Mr. Sainsbury purchased system from Mr. Dalton back around 1998. He would like appropriate paperwork sent to him if it hasn't been transferred.

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

$$\frac{8.8(15)(.7)}{26 + (2.31 \times 150)} = \frac{92.4}{372.4} = .24 \text{ cfs}$$

See Narrative

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 86 \text{ acres} \times 1.20 \text{ af} = 103.2$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 79.6$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 79.6$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	01-01	12-31	.11	103.2 79.6
Totals:			.11	103.2 79.6

2. Recommended Amendments

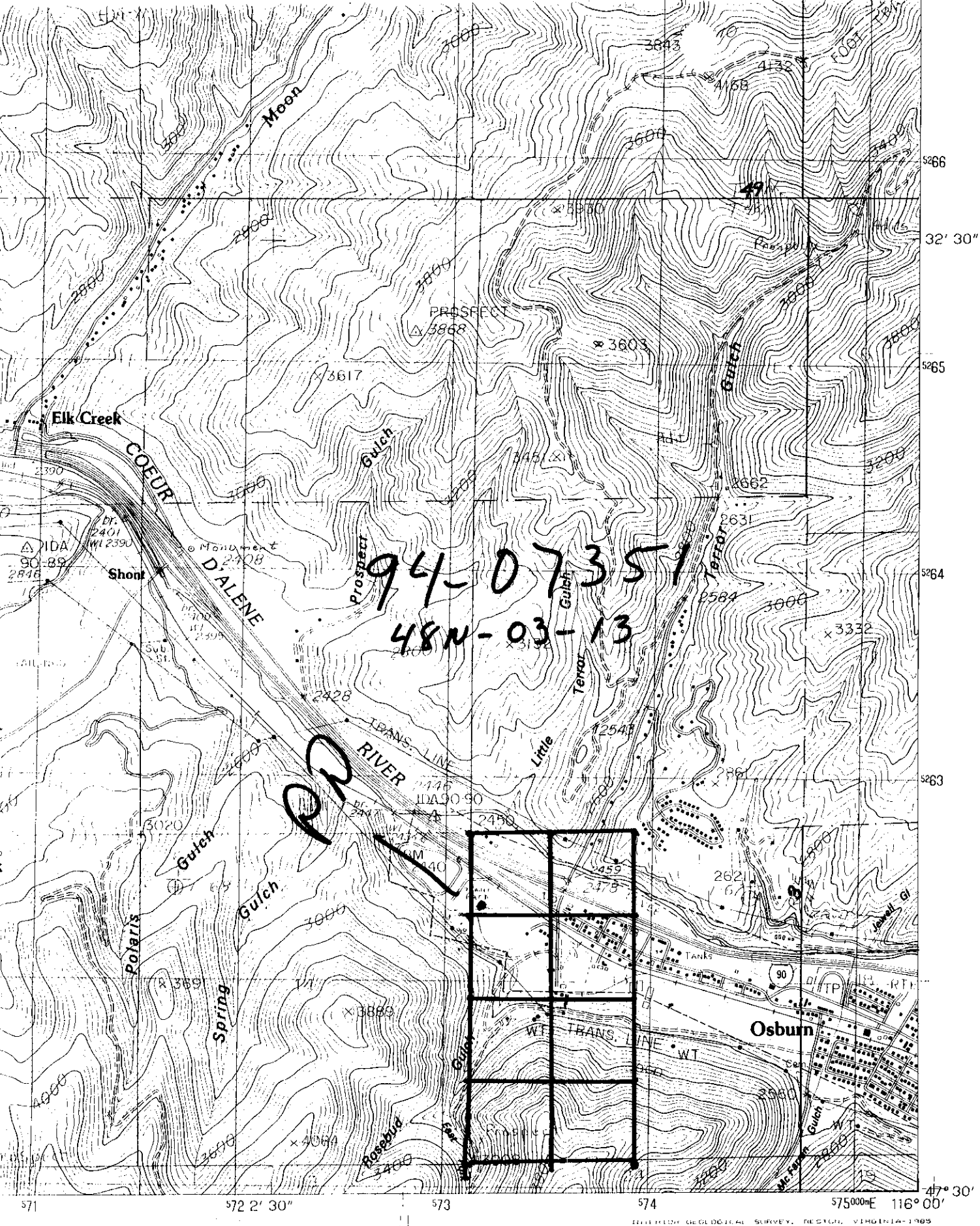
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☒ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Wayne Baldwin Date 9-26-05

Reviewer Jeff Taylor Date 10-14-05

SEAL



ROAD LEGEND

Improved Road
 Unimproved Road
 Trail

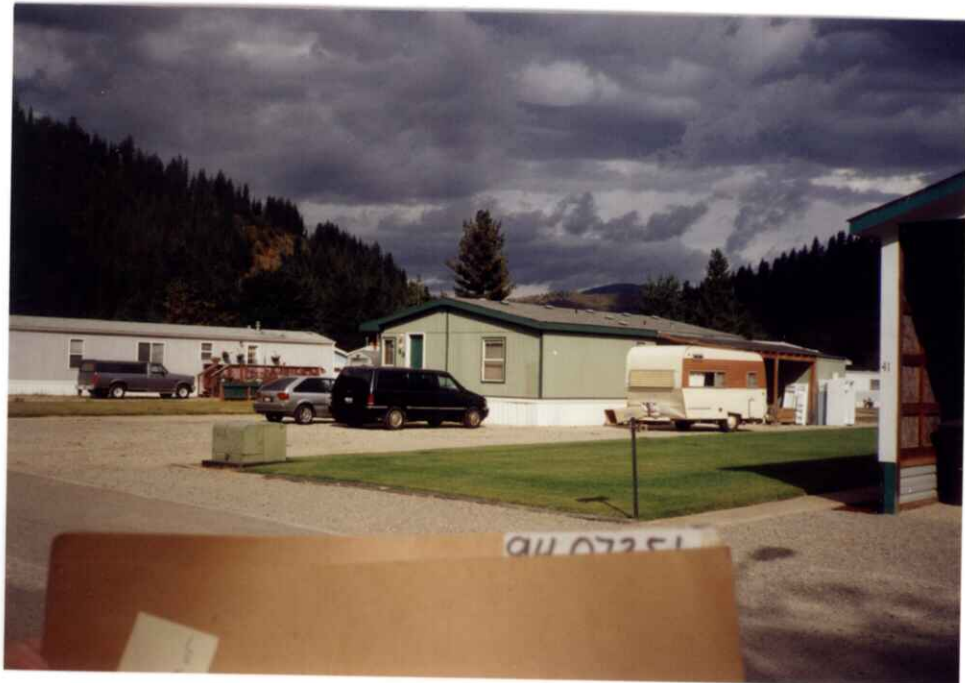
QUADRANGLE LOCATION

99-07351



PW

Storage



PJ

PJ

94-7351



PD



Storage