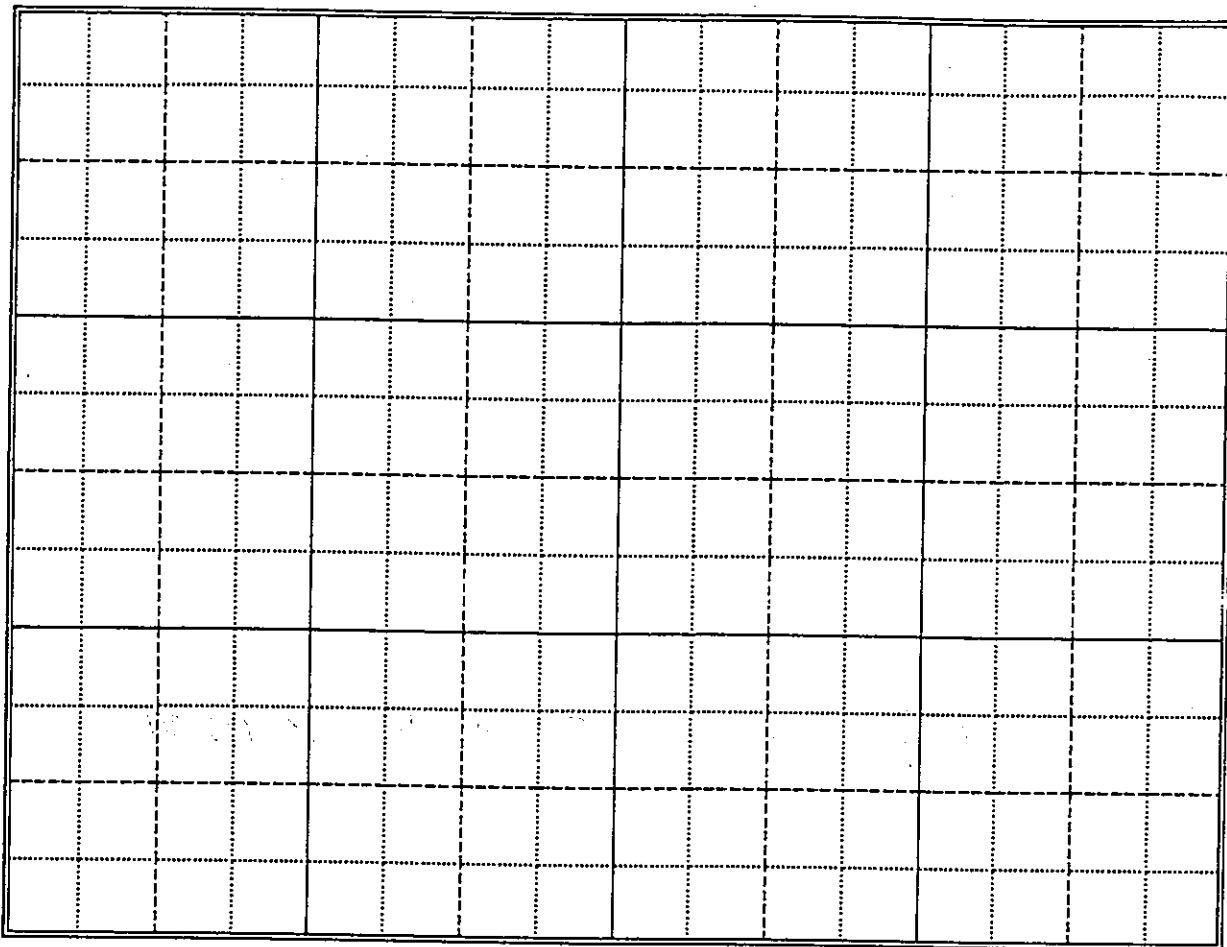


[illegible]

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
Submersible		1 1/2			

*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: Visually observed 24 gpm

Watering 3-3 1/2 Acres of lower pasture with well.
Well also provides water to the home.
There is a total of 7 acres.

5 birds running 58 psi
3/16 5/32 9/64 9/64 9/64

Lower pasture looked to be about 3 acres. Well is on North end of lower pasture below the home.

GPS R080922A is next to the home.

Two horses were also being watered from the well.

Recommended Lr @ 0.06 cfr

$$3/16 @ 58 \text{ psi} = 7.98$$

$$5/32 @ 58 \text{ psi} = 5.55$$

$$3(9/64) @ 58 \text{ psi} = (4.45 \text{ gpm}) 3 = 13.35$$

$$26.88 \text{ gpm}$$

$$\frac{26.88 \text{ gpm}}{448.8} = 0.059 \text{ cfr}$$

$$= 0.06 \text{ cfr}$$

Have conditions of permit approval been met? X yes

✓ CW 8-13-2001

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

0.06 cfs (birds x gpm)

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3 \times 3.5 = 10.5 \text{ AF/A}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.06 \text{ cfs} (184) 1.9835 = 21.8$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 10.5 \text{ AF/A}$$

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		
IRR	4/15	10/15	0.06 cfs	10.5 AF/A
Totals:			0.06 cfs	10.5 AF/A

2. Recommended Amendments

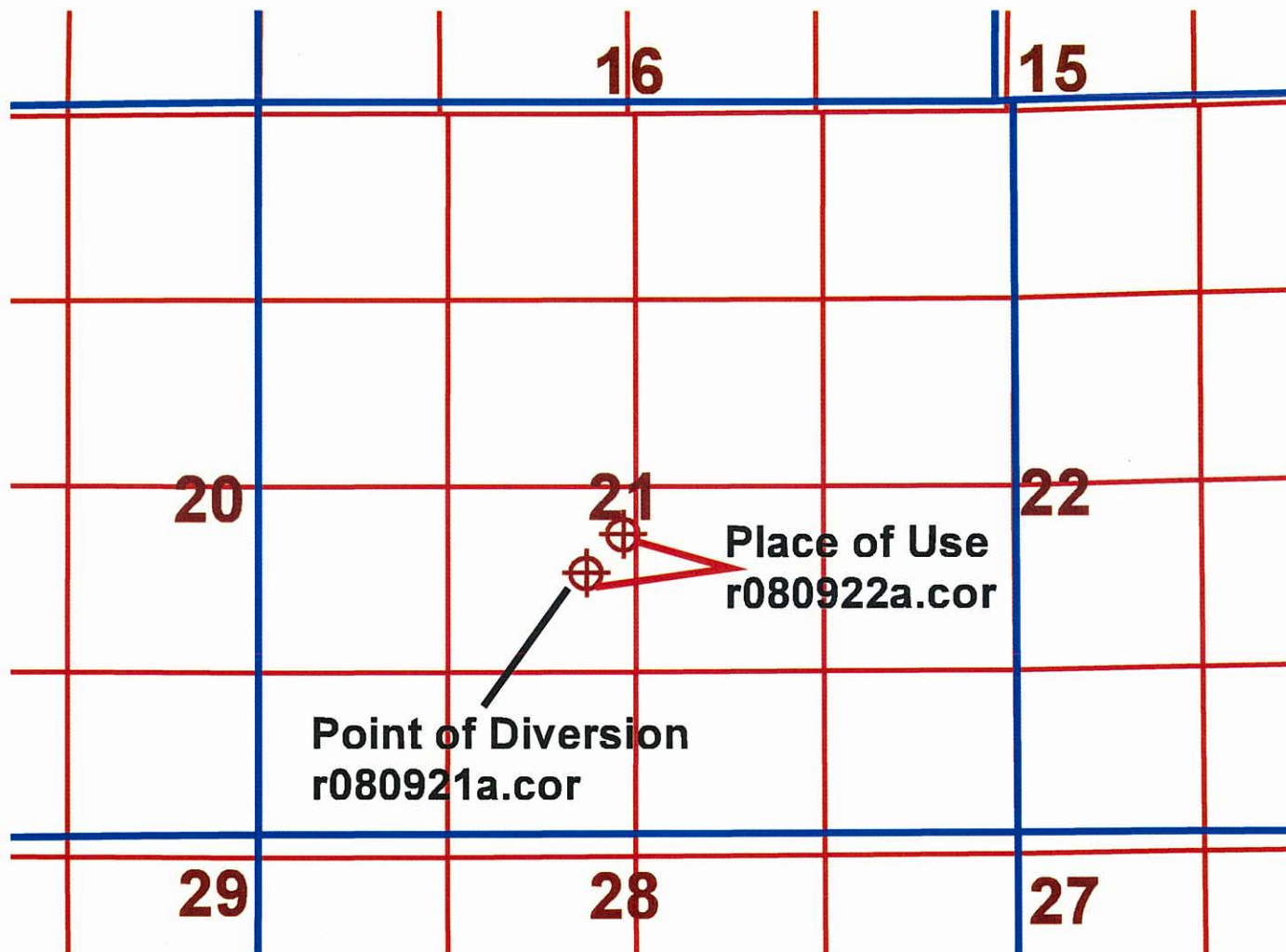
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Steve Mueller Date 8-9-01

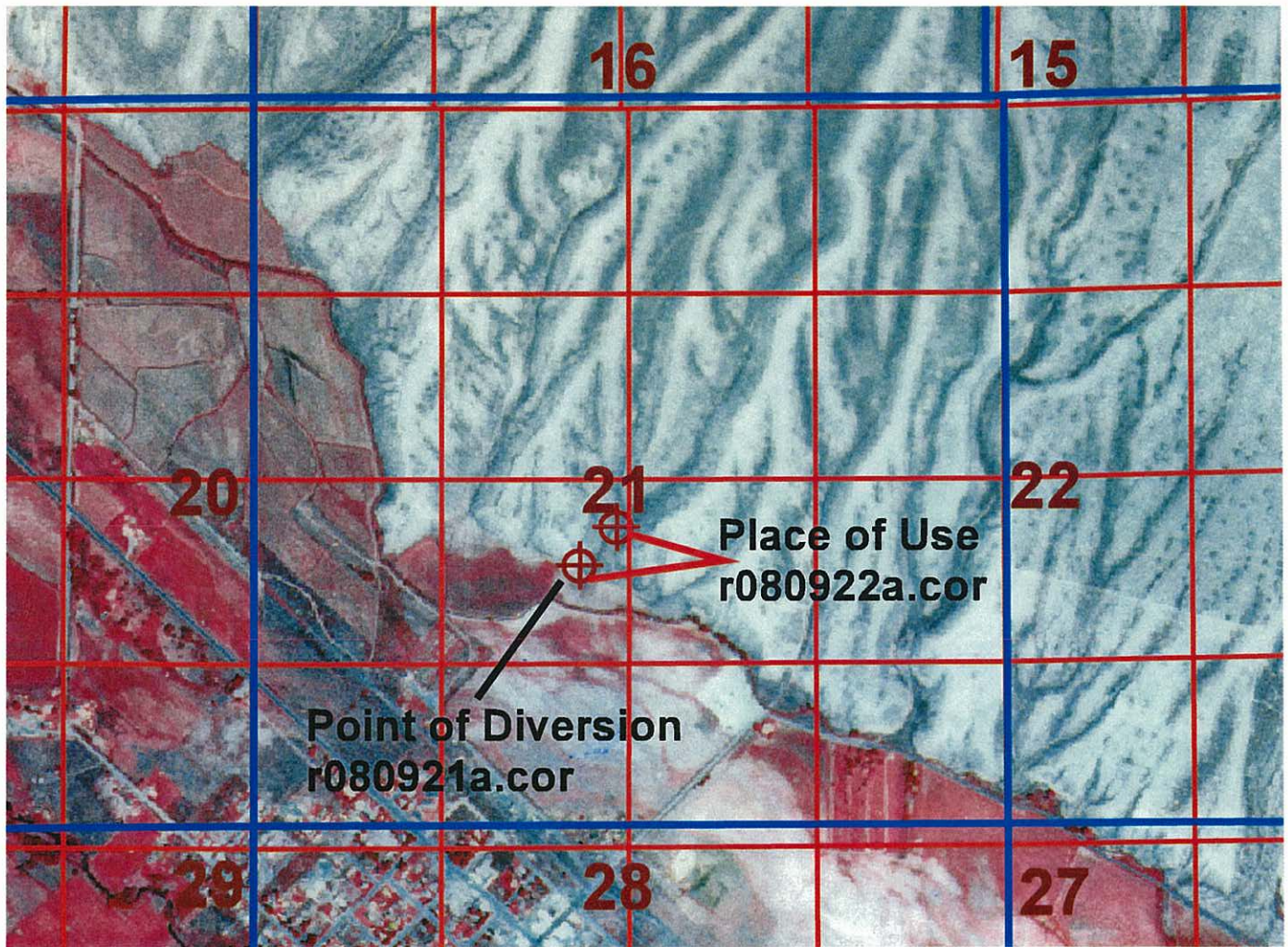
Reviewer DAVE CARLSON Date 3-14-2002

SEAL



-  Sections.shp
-  T07n24e.shp
-  Posnpnt.shp

34-07239B



-  Sections.shp
-  T07n24e.shp
-  Posnpnt.shp

34-07239B

**IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT**

DATE: 03/01/96
PAGE: 10

OWNER CODE	NAME & ADDRESS
1	...
2	...
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99	...
100	...

WATER USE

SE PERIOD
ROM TO

VERSION
RATE

DIVERSION
VOLUME

PO BOX 42
MACKAY ID 83251-0042
(208) 588-2877

Tributary to:

Stage: PERMIT

T07N R24E S21

MSAN

CUSTER County

MIN

NW SWNW SENS
AC Lt AC Lt AC

1
1
1
1
1

1
1
1
1
1

1
1

Other Rights: 204 INCHES, 4/22/1884 BIG LOST RIVER.

Other Water Rights Listing Overlapping Place(s) of use:
34-00534 34-00780C 34-07239A

Conditions of Approval:

- A flow measurement port or other device as specified by the Department shall be installed by the right holder to provide for
- the installation of measuring equipment and the determination of
- the rate of diversion by the Department.
- See remarks for additional conditions of approval.

App. Received: 01/22/1980

Priority Date: 01/22/1980

Proof Due Date:

Proof Made Date:

Exam Made Date: =

Exam Sent to S.O.:

Water District Number:

Field Exam Fee: R (Received)

Date: 02/25/1992 User-ID:

Subject: Extension of Time Received

Date: 03/04/1993

ser-ID: VALI T

Subject: Lapse Notice Sent

10/13/94 CZIMMER

12/08/94 CZIMMERM

LOG NAME: **34-7239B**

START: 08-09-2001 15:42

END: 08-09-2001 15:47

INTERVAL: 00:01:00

08-09-2001 15:42:00

+1.255E+0 ft/s

+2.527E+1 gal/m

+5.632E-2 ft3/s

+TOTAL 0000000 gal

-TOTAL 0000000 gal

NORMAL

08-09-2001 15:43:00

+1.113E+0 ft/s

+2.241E+1 gal/m

+4.994E-2 ft3/s

+TOTAL 0000023 gal

-TOTAL 0000000 gal

NORMAL

08-09-2001 15:44:00

+1.199E+0 ft/s

+2.415E+1 gal/m

+5.380E-2 ft3/s

+TOTAL 0000047 gal

-TOTAL 0000000 gal

NORMAL

08-09-2001 15:45:00

+1.198E+0 ft/s

+2.412E+1 gal/m

+5.375E-2 ft3/s

+TOTAL 0000071 gal

-TOTAL 0000000 gal

NORMAL

08-09-2001 15:46:00

+1.211E+0 ft/s

+2.440E+1 gal/m

+5.436E-2 ft3/s

+TOTAL 0000096 gal

-TOTAL 0000000 gal

NORMAL

08-09-2001 15:47:00

+1.216E+0 ft/s

+2.449E+1 gal/m

+5.456E-2 ft3/s

+TOTAL 0000120 gal

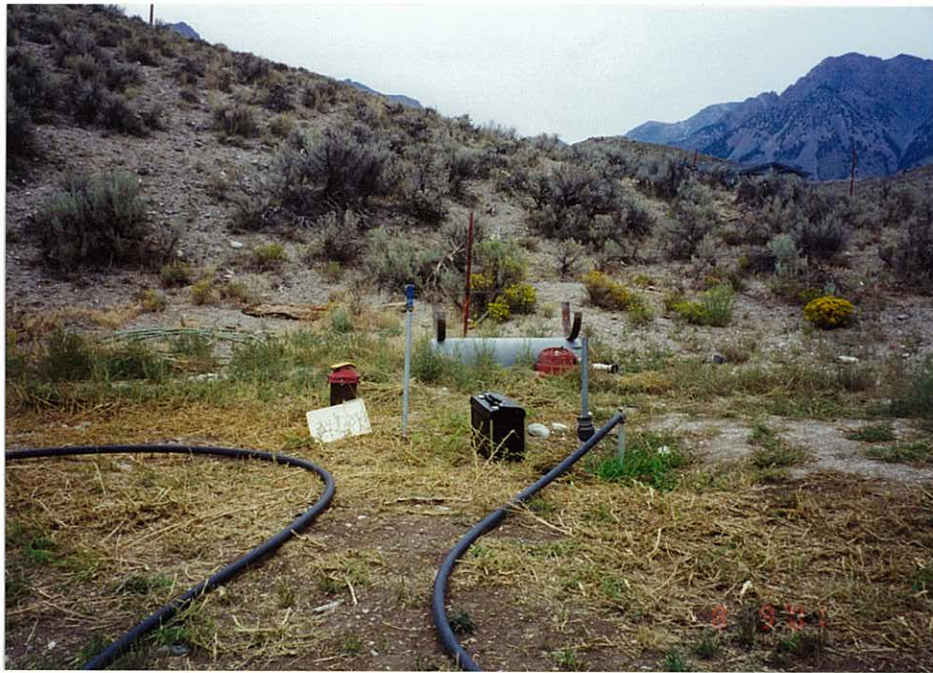
-TOTAL 0000000 gal

NORMAL

$Q_{\max} = \underline{24} \text{ gpm}$

$Q_{\max} = \underline{0.06} \text{ cfs}$

34-07239B



POD 34-7239B PVC pipes to aluminum handlines



POU Domestic



POU lawn & pasture below horses & sagebrush.

1. DRILLING PERMIT NO. 34-94-E-032-000
Other IDWR No. 34-07239(B)

2. OWNER:

Name DON PHILLIPS
Address 512 CAPITOL BLVD
City MADISON State TX Zip 83251

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N
 W E S
 Twp. 7 North ☒ or South ☐
 Rge. 24 East ☒ or West ☐
 Sec. 21 NE 1/4 SW 1/4 1/4
 Gov't Lot _____ County CLUSTER 10 acres 40 acres 160 acres
 S
 Address of Well Site 1/2 MI. EAST
OF MACKAY City MACKAY
 (Give at least name of road + distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. PROPOSED USE:

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

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other_____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
BENTONITE	0	20	300 LBS	OVERBARE

Was drive shoe used? Y ☒ N ☐

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1	50			☐	☐	☐	☐
		50	250	STEEL	☒	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method TORCH
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
35	50	1/8	16			☒	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

30 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or
control devices: TOP OF WELL

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
35	-	-	1 HR

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: Good

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

[illegible]

Completed Depth 60' (Measurable)

Date: Started 9-12-94 Completed 9-13-94

13. DRILLER'S CERTIFICATION

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

Firm Name GUTHRIE DRILLING Firm No. 226

Firm Official V. J. Mutari Date 11-16-94
and

Supervisor or Operator _____ Date _____

(Sign once if Firm Official & Operator)