

RECEIVED

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

~~27-07521-B~~

~~77-67680 A~~

22-07680 B

~~22 07687~~

~~22-076958~~

Department of Water Resources

A. GENERAL INFORMATION

Permit No. ~~22-076958~~

1. Owner: Jeppesen Brothers c/o Garry Jeppesen Phone No. (208) 356-5155
Current Address: 1525 N. 1000 E., Rexburg, ID 83440
2. Accompanied by: Garry Jeppesen EXAM DATE: 20 July 1995
Address: Same Phone No. Same
Relationship to Permit Holder: Same
3. Source: GROUNDWATER tributary to

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: 22-07521B/07680A/07680B/07687/07695B

C. DIVERSION AND DELIVERY SYSTEM NO GOV LOTS ON P/O OR P/u

1. Point(s) of Diversion:

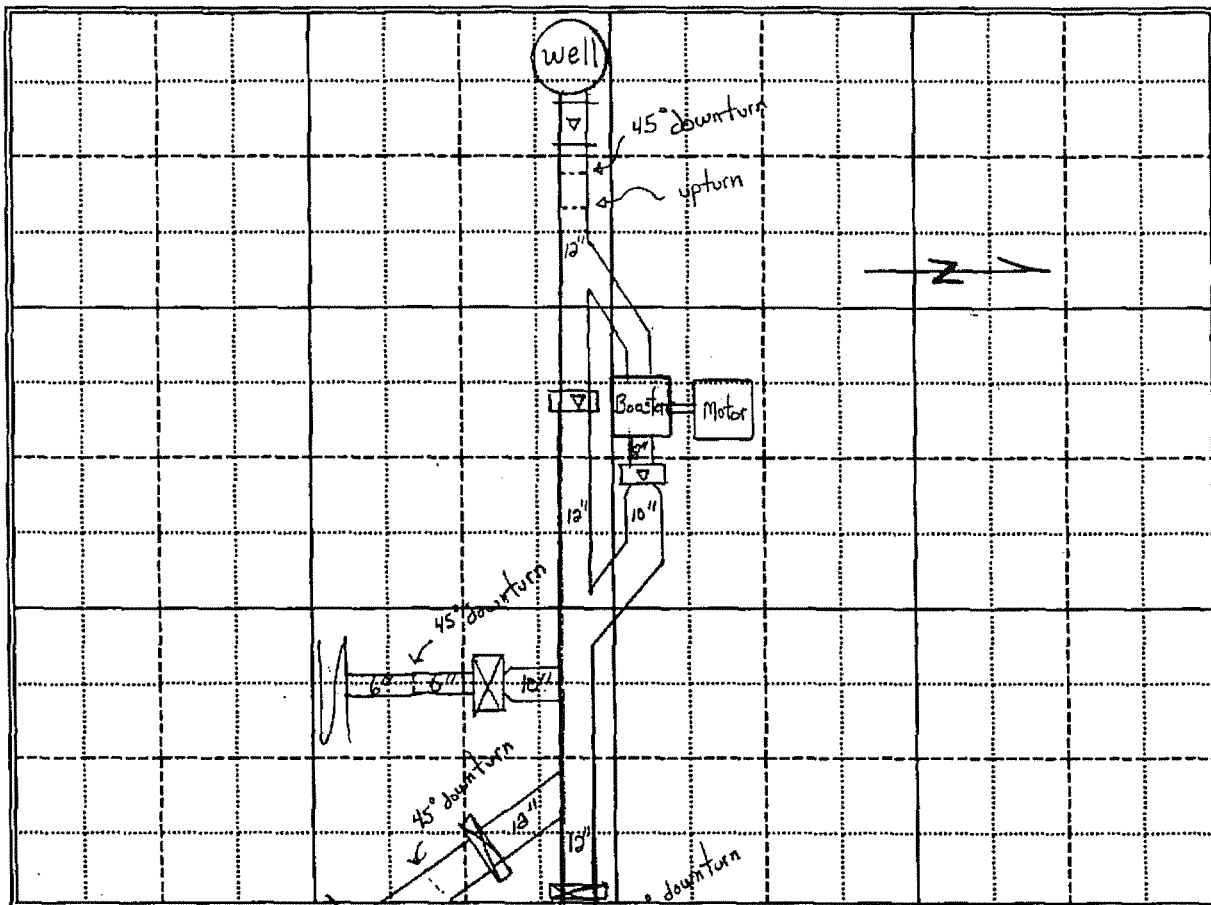
[illegible]

2. Place(s) of Use:

Indicate Method of Determination FSA ~~Aerial~~ / ON SITE

[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
Well	US Electrical	800	RO6P3130231R-1	Johnston	Unknown
Booster	Marathon	200	YH 4457STD570 26FP W	Aurora	9302117

*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
	Polysonic					

2. Measurements: Thickness .111 38 7/16 38.1875 circ. OD= 12.156

E. NARRATIVE/REMARKS/COMMENTS

#22-7687 Field 199 acres

#22 7680 A 582 acres leasing from Gerald Jeppson

#22 7680 B 184 acres farmable bought from Gerald.

22- 7521 B 143 acres

22- 7695B 84 acres

Well, pump mainline Booster to 6 center pivots and laterals with sprinklers. (NOTE: P/u appears to have 8 center pivots but two of the pivots are moved depending on crop)

During measurement pressure between booster & well was 0 psi
MEASUREMENT SITE WAS NOT GOOD. RECOMMEND USING THEORETICAL
CALCULATIONS

NO FLOW MEASUREMENT PORT

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

F. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

$$\text{Measured } Q = 7.35 \text{ cfs} / 1192 \text{ ac} = 0.006167621 \text{ cfs/ac}$$

$$\text{Theoretical } Q = 8.23 \text{ cfs} / 1192 \text{ ac} = 0.006904362 \text{ cfs/ac}$$

RECOMMEND USING THEORETICAL $Q = 8.23 \text{ cfs}$

$$Q_{184 \text{ ac}} = 184 \text{ ac} \times 0.006904 = 1.27 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 184 \text{ ac} \times 3.5 = 644.0$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 1.27 \text{ cfs} (183) 1.9835 = 460.98$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 461.0 \text{ cfs}$$

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		
IRRIGATION	4/15	10/15	1.27 cfs	461.0 cfs
Totals:			1.27 cfs	461.0 cfs

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 20 July 95

Reviewer _____ Date _____

SEAL

T
5 R41E

22-07680B

22-07521B

Woods Crossing

Creek

POINT OF DIVERSION

22-07695B

22-07680B

22-07687

22-07680A

22-07680B

22-07680B

VABM
5442

BM 5470

Moody

5444

5460

20

21

19

8

9

17

16

18

5375

5360

5480

5500

5500

5500

5400

5400

5400

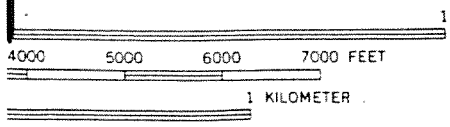
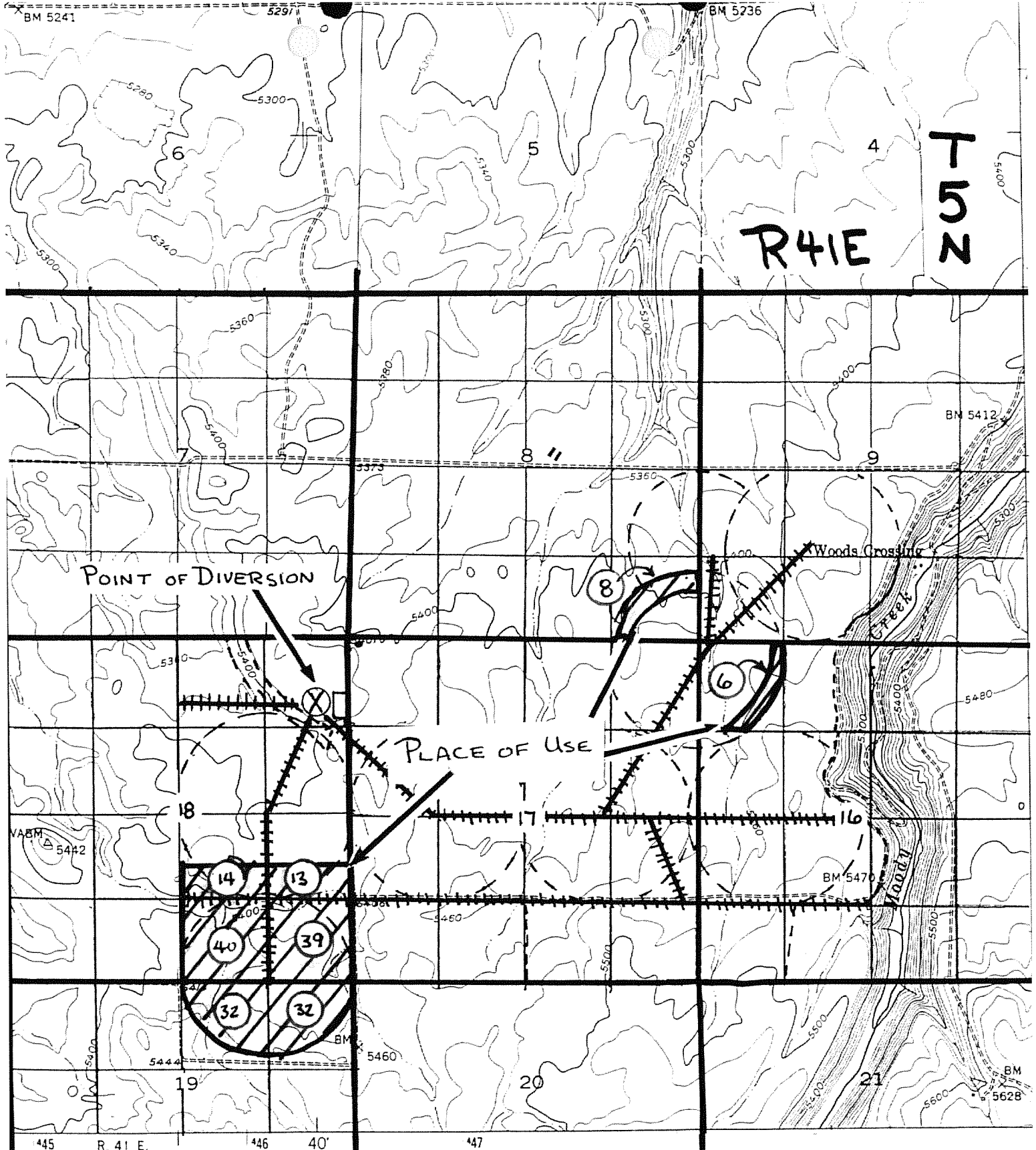
5400

5460

5500

5400

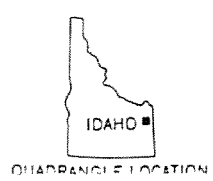
BM



20 FEET
FOOT CONTOURS
DATUM OF 1929

T
5 R41E
N

22-07680B



9.3
1

18

33

35

HELI

36

5

4

POINT OF
DIVERSION

35

34

32

33

8.3
1

26

26

30

33

4.4
15

157.7

Z NVEL

14

13

6.6

T
5
N
R41E

4

PLACE OF USE

35

35

18

19

20

32

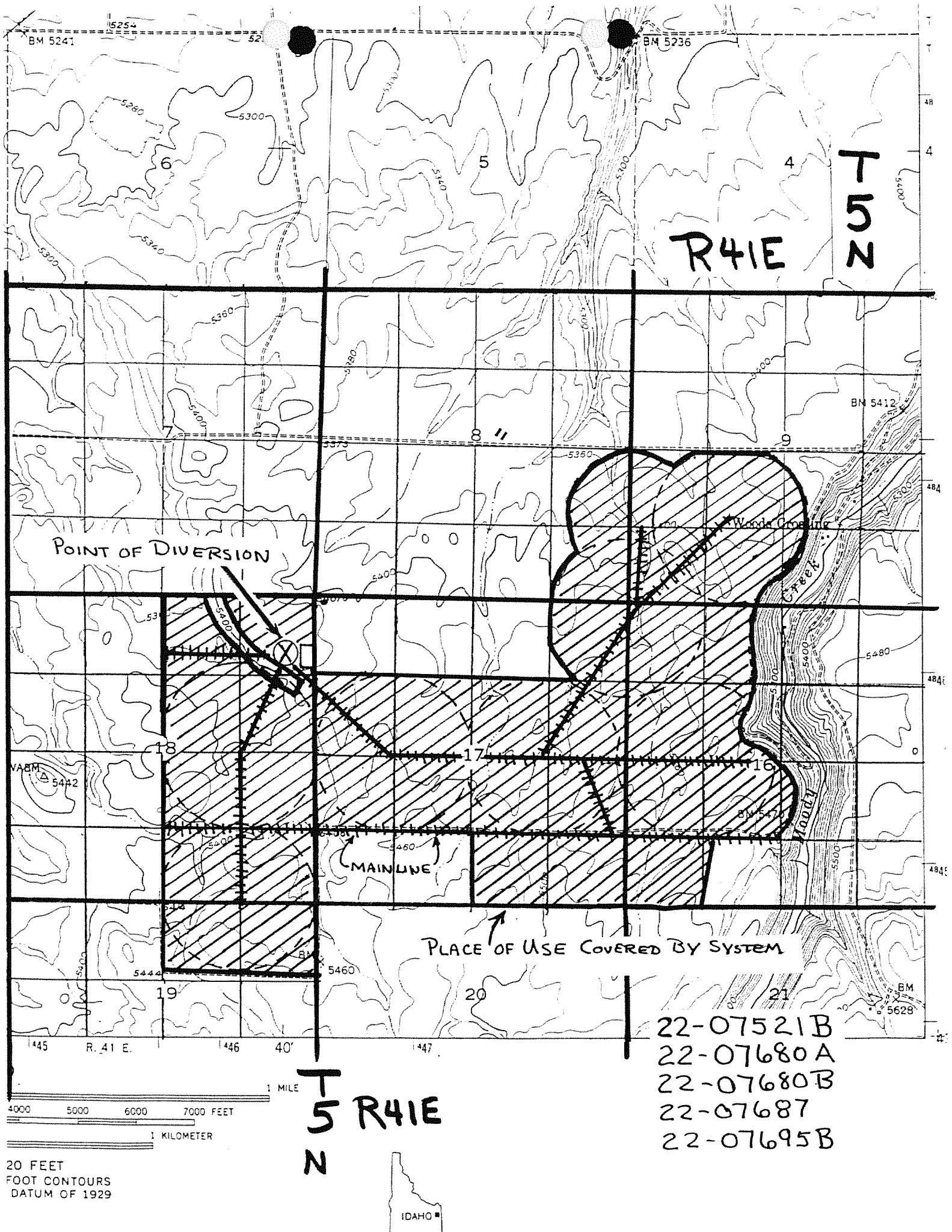
32

7

22-07680B

17

4



R41E

T5N

POINT OF DIVERSION

MAINLINE

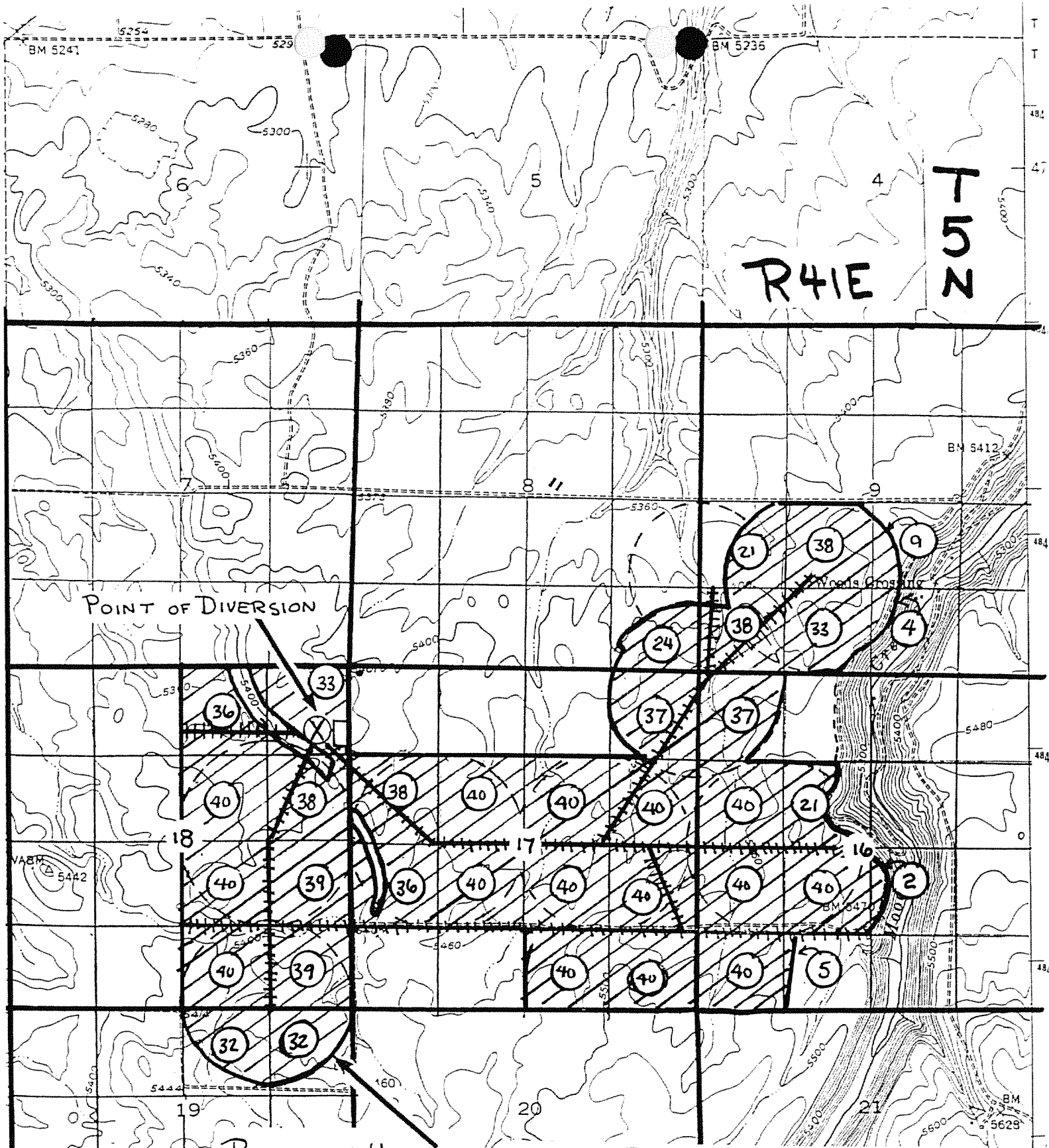
PLACE OF USE COVERED BY SYSTEM

- 22-07521B
- 22-07680A
- 22-07680B
- 22-07687
- 22-07695B

T5 R41E
N

20 FEET
FOOT CONTOURS
DATUM OF 1929





145 R. 41 E.

1 MILE
4000 5000 6000 7000 FEET
1 KILOMETER

20 FEET
FOOT CONTOURS
DATUM OF 1929

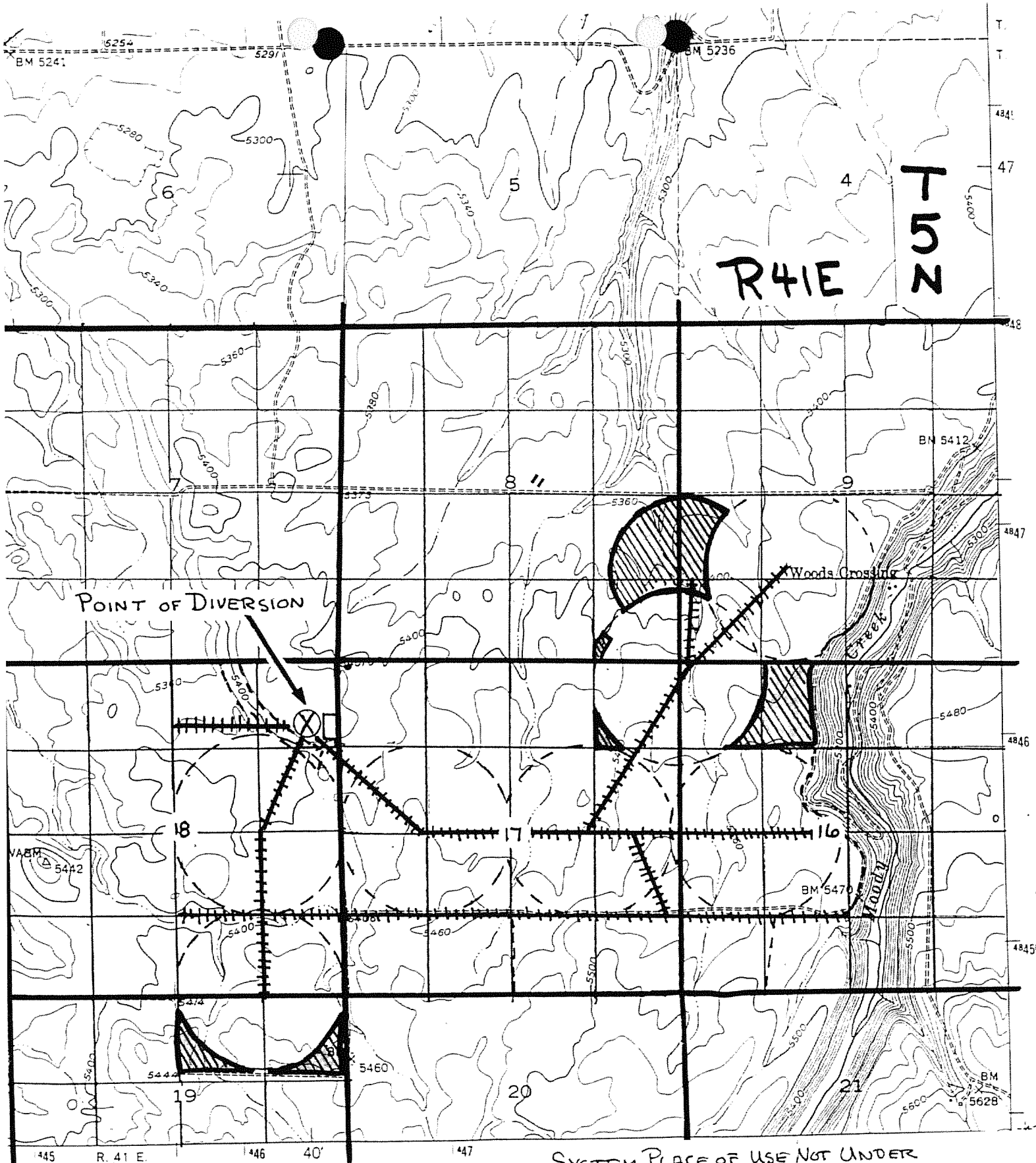
**T
5
N** **R41E**

IDAHO

17 1192 AC TOTAL RECOMMENDED FOR LICENSING UNDER:

- 22-07521B
- 22-07680A
- 22-07680B
- 22-07687
- 22-07695B

22-07680B

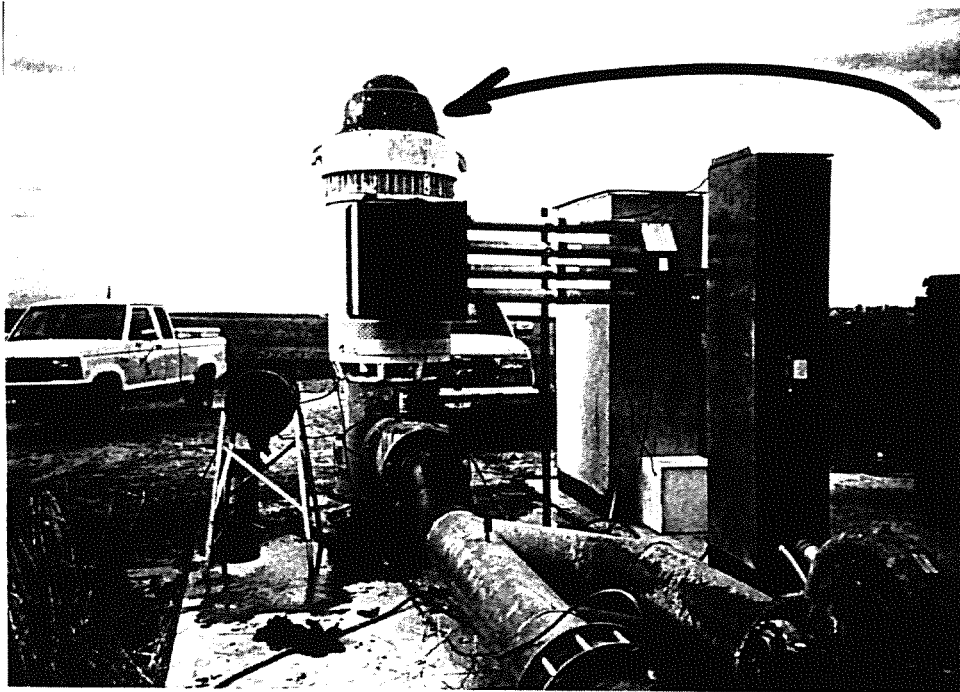


SYSTEM PLACE OF USE NOT UNDER
RECOMMENDED PLACE OF USE FOR:
22-07521B, 22-07680A, 22-07680B
22-07687, 22-07695B

22-07680B

20 FEET
FOOT CONTOURS
DATUM OF 1929

IDAHO



WELL

POINT OF
DIVERSION



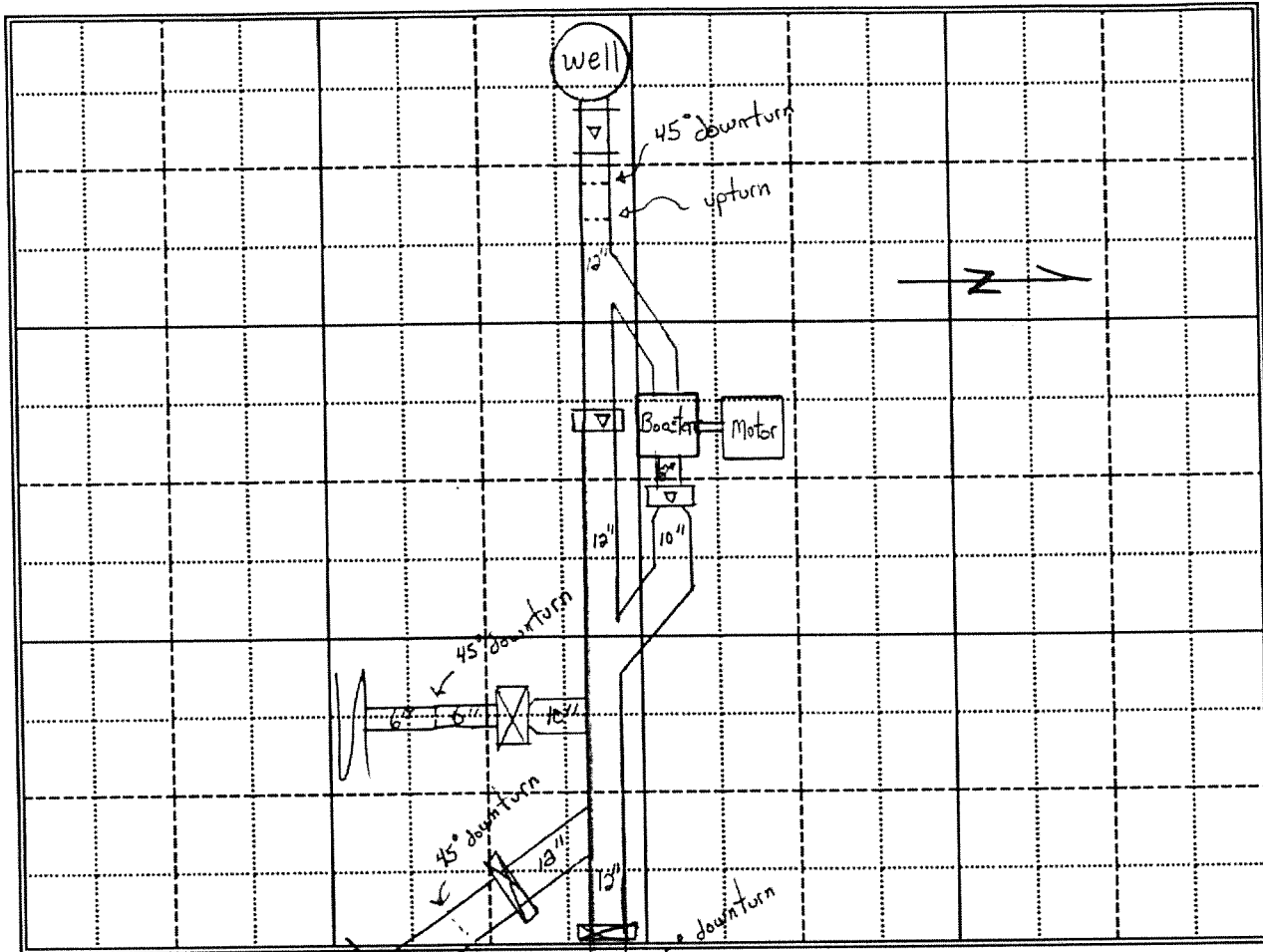
BOOSTER



SEE 22-07521B FOR ORIGINAL PHOTOS

~~22-07521B~~
~~22-07680A~~
22-07680B
~~22-07681~~
~~22-07695B~~

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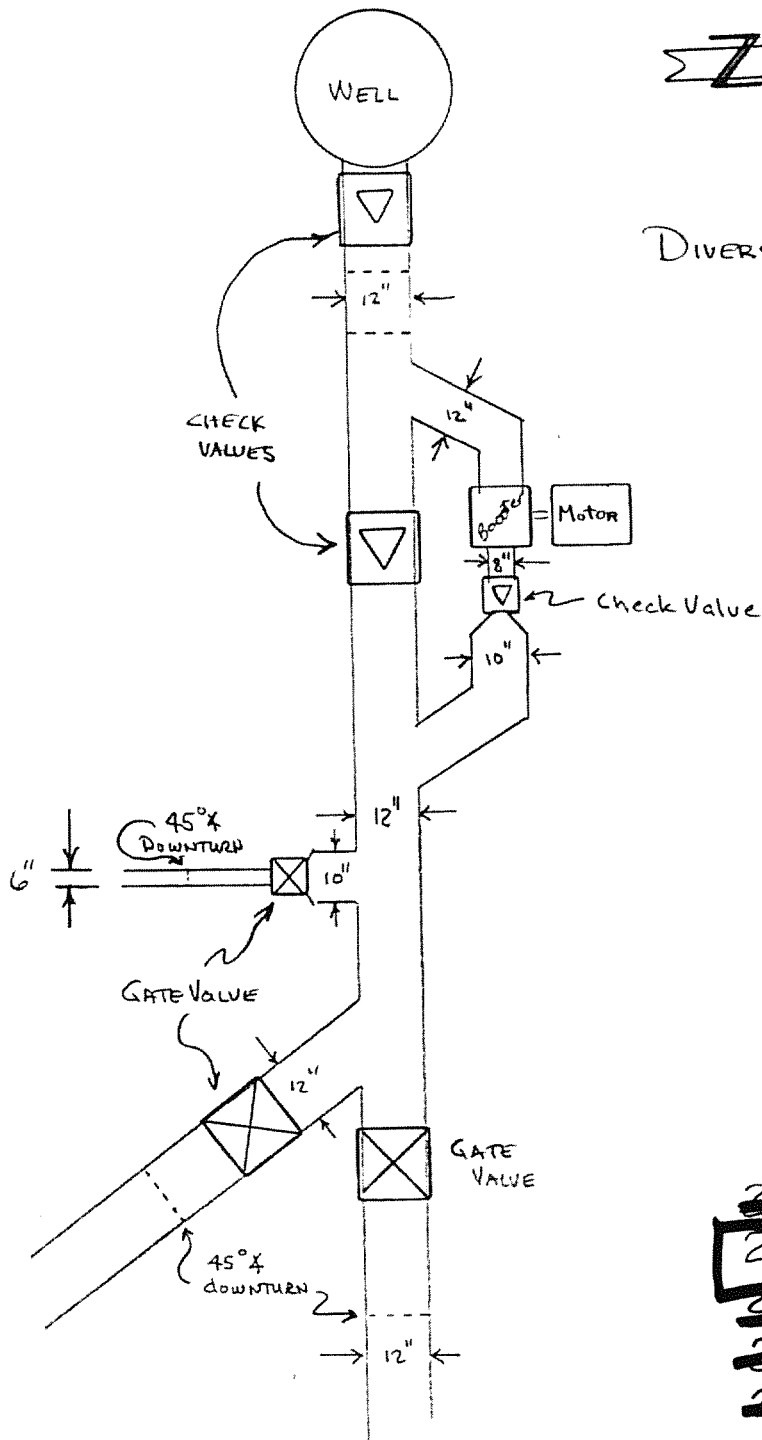
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1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
	Polysonic					

2. Measurements: Thickness .111 38 3/16 38.1875 circ OD= 12.156

22-141 50 SHEETS
 22-142 100 SHEETS
 22-144 200 SHEETS



DIVERSION SYSTEM

~~22-07680A~~
22-07680A
~~22-07680A~~
~~22-07681~~
~~22-07195B~~

WR0749NP
No. 22-07680B

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 06/24/93
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	GERALD LEE JEPPESEN 500 E 1000 N REXBURG ID 83440 (208) 356-7143	08/23/1990	IRRIGATION	04-01 11-01	3.68 CFS	
TOTAL DIVERSION:					3.68 CFS	

Water Source: GROUNDWATER

Tributary to:

Stage: PERMIT

Point(s) of Diversion: T05N R41E S18 SE NE

Place of use Legal Description for: IRRIGATION

				NE				NW				SW				SE								
T	R	S	:	NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:	SUM
				Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac		
05N	41E	18	:					:					:					:	12	12	40	40	:	104.0
05N	41E	19	:	40		40		:					:					:					:	80.0
TOTAL ACRES																						184.0		

Pou County: MADISON

Other Water Rights with Same Point(s) of Diversion and Source:
22-07680 22-07687

Other Water Rights Listing Overlapping Place(s) of use:
22-07680 22-07687

Conditions of Approval:

- 26A - Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
- 01C - 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.
- 046 - Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
- 049 - The Director retains jurisdiction of the right to incorporate the use into a water district, require streamflow augmentation or other action needed to protect prior surface water and groundwater rights.
- 048 - The use of water under this right shall not give rise to any claim against the holder of a senior water right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.
- 004 - The issuance of this right in no way grants any right-of-way or easement across the land of another.
- 03A - The rate of diversion of water for irrigation under this right and all other water rights on the same land shall not exceed 0.02

WR0749NP
No. 22-076808

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 06/24/93
PAGE: 2

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Conditions of Approval:

- cubic feet per second for each acre of land.

Dates:	App. Received:	08/23/1990	Priority Date:	08/23/1990
	Proof Due Date:	04/03/1995	Proof Made Date:	
	Exam Made Date:		Exam Sent to S.O.:	
	Licensed Date:			

Misc:	Water District Number:	Field Exam Fee:
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Audit:	06/24/93 ZIMMERMA
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