

Permit No. 29-7257

1. Owner: Max Curtis & Joy B. Jewkes Phone No. (801) 255-8442

Current Address: 2263 W 7800 S, West Jordan, UT 84088

2. Accompanied by: Richard Baker EXAM DATE: 7-31-01

Address: P.O. Box 331, Downey, ID 83234 Phone No (208) 897-5977 cell 221-4550

Relationship to Permit Holder: Leasee / operator

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Surface

2. Other water rights with the same point of diversion: No

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

[illegible]

2. Place(s) of Use:

Indicate Method of Determination Serial

[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		20			

*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				

2. Measurements: 29-WJ-1 .055 Th 4 dia 18 birds 1122 gpm
 29-WJ3 .06 Th 3 dia 5 birds 38 gpm
 29-WJ4 .05 Th 3 dia 11 birds 72 gpm
 34 birds 232 gpm observed

E. NARRATIVE/REMARKS/COMMENTS

The property is owned by two parties. The Kenneth Mark Williams Family living trust and another living trust under Baker name. Bakers are related to the Jewkes family

Richard Baker runs the system and believes 40 acres are watered by the system.

The system was running 34 birds during measurements. Richard said 8 more birds could have been turned on, but hay was ready to be cut.

Three landlines were measured. See measurement section of form.

GPS was used to locate well. R073017A

Note: Needs to pay Examination fee Proof submitted on 13 acres

@ 0.04 cfs

Note: Richard Baker outlined POA

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

F. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

$$Q = 230.9 \text{ gpm} = 0.51 \text{ cfs}$$

$$Q_{\text{LIMITED BY CAPACITY}} = 0.51 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 42 \text{ ac} (3.5 \text{ afa}) = 147.0$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.51 (214) 1.9835 = 216.5$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 147.0 \text{ afa}$$

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	4/1	10/31	0.51 cfs	147.0
	4			
Totals:			0.51 cfs	147.0

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

Pay Examination Fee

I. AUTHENTICATION

Field Examiner's Name

Keith C Wilson 10/23/2001

Date 7-30-01

Reviewer

Date

SEAL

**Sec
11**

Point of Diversion

**Sec
12**



r073017a.cor

NW1/4SW1/4NW1/4



Posnpnt.shp

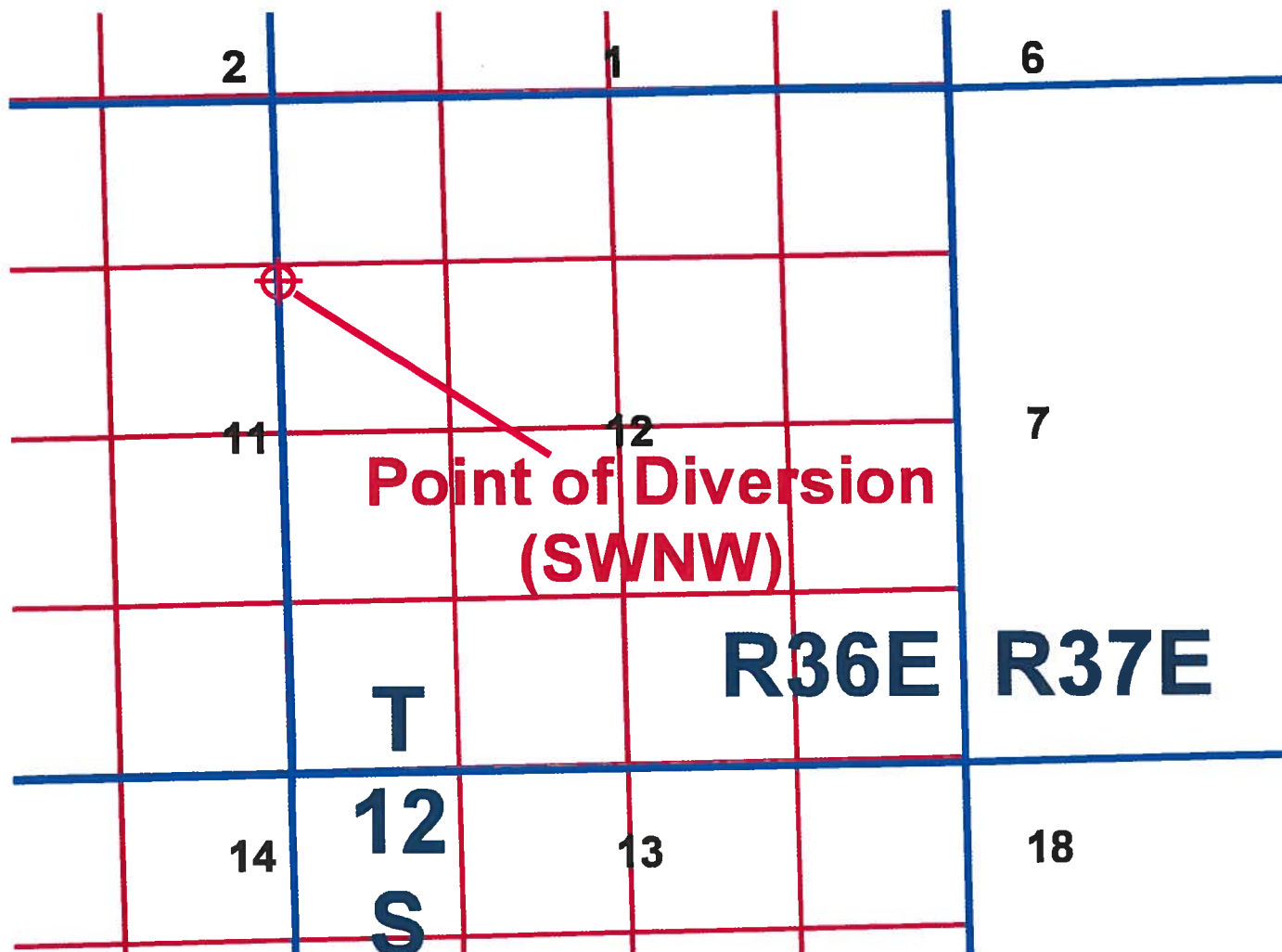


Sections.shp



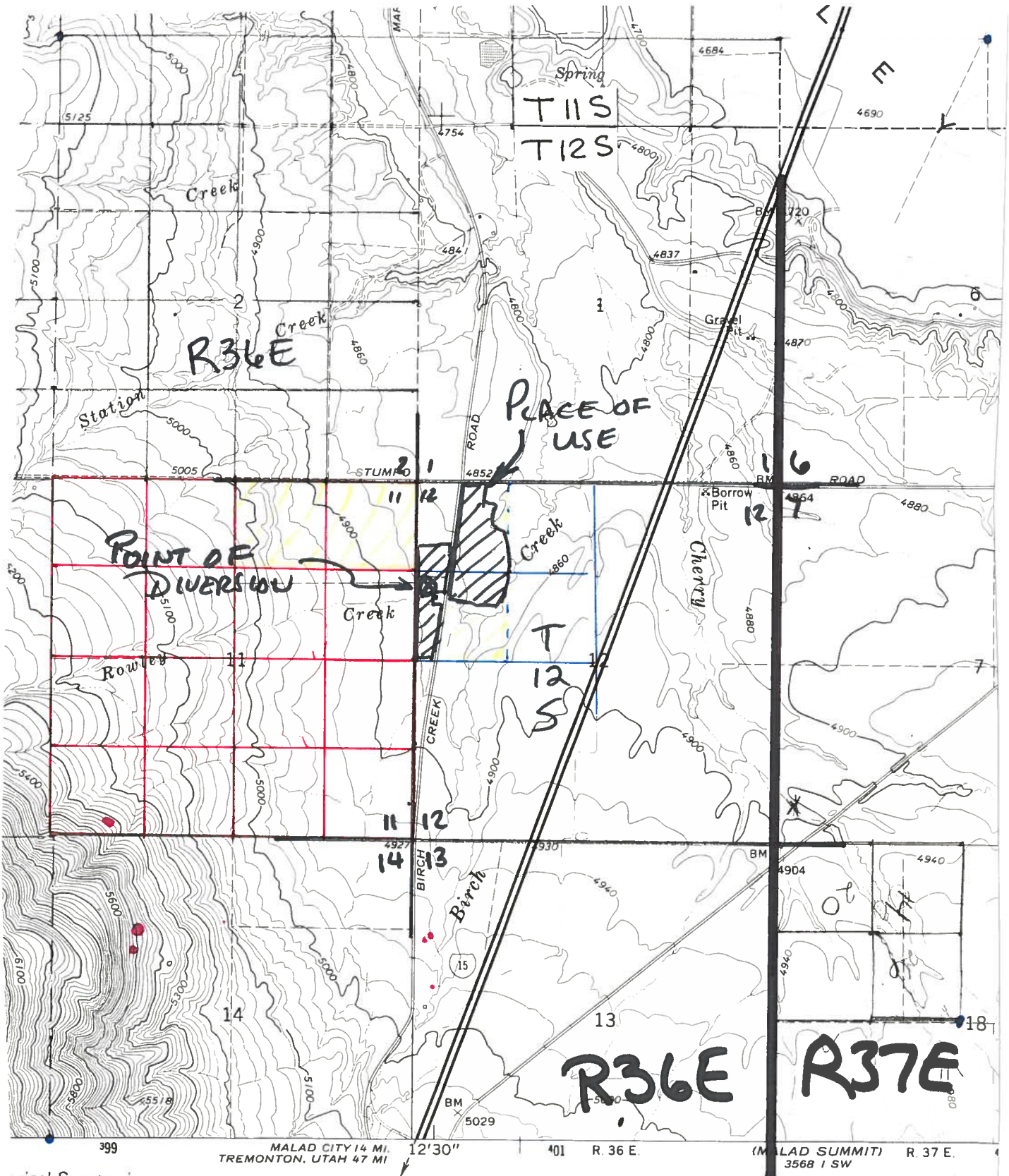
T12s36e.shp

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-  Posnpnt.shp
-  Sections.shp
-  T12s36e.shp

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ological Survey

MALAD CITY 14 MI.
TREMONTON, UTAH 47 MI

R. 36 E.

(MALAD SUMMIT)
3568' SW

R. 37 E.

29-7257

R36E

PLACE OF USE

2700X
442
670ES

#337
KENNETH WILLIAMS
CRP CN# 93
B6-96
F-9
B6.9

POINT OF DIVERSION

#337
KENNETH WILLIAMS
CRP CN# 93
B6-96
F-13
35.4

T
12
S

12

29-7257

#352



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, Idaho 83402-1718 - (208) 525-7161- Fax (208) 525-7177

EASTERN REGION

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

LOG: **29-07257**

START: 07-30-2001 11:12

END: 07-30-2001 11:17

INTERVAL:
00:01:00

07-30 11:17:00
+3.326E+0 ft/s
+1.232E+2 gal/m
+2.745E-1 ft3/s
+TOTAL 0000609 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 11:46:00
+1.860E+0 ft/s
+3.777E+1 gal/m
+8.416E-2 ft3/s
+TOTAL 0000150 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 12:05:00
+3.325E+0 ft/s
+6.847E+1 gal/m
+1.525E-1 ft3/s
+TOTAL 0000205 gal
-TOTAL 0000000 gal
NORMAL

Flow #1

07-30-2001 11:12:00
+3.307E+0 ft/s
+1.225E+2 gal/m
+2.729E-1 ft3/s
+TOTAL 0000000 gal
-TOTAL 0000000 gal
NORMAL

Flow #2

START: 07-30-2001 11:42
END: 07-30-2001 11:47
INTERVAL:00:01:00

07-30 11:47:00
+1.865E+0 ft/s
+3.788E+1 gal/m
+8.441E-2 ft3/s
+TOTAL 0000188 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 12:06:00
+3.288E+0 ft/s
+6.770E+1 gal/m
+1.508E-1 ft3/s
+TOTAL 0000273 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 11:13:00
+3.301E+0 ft/s
+1.222E+2 gal/m
+2.724E-1 ft3/s
+TOTAL 0000120 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 11:42:00
+1.887E+0 ft/s
+3.833E+1 gal/m
+8.540E-2 ft3/s
+TOTAL 0000000 gal
-TOTAL 0000000 gal
NORMAL

Flow #3
START: 07-30-2001 12:02
END: 07-30-2001 12:07
INTERVAL:00:01:00

07-30-2001 12:07:00
+3.305E+0 ft/s
+6.804E+1 gal/m
+1.516E-1 ft3/s
+TOTAL 0000342 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 11:14:00
+3.309E+0 ft/s
+1.226E+2 gal/m
+2.731E-1 ft3/s
+TOTAL 0000242 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 11:43:00
+1.872E+0 ft/s
+3.802E+1 gal/m
+8.473E-2 ft3/s
+TOTAL 0000037 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 12:02:00
+3.371E+0 ft/s
+6.941E+1 gal/m
+1.546E-1 ft3/s
+TOTAL 0000000 gal
-TOTAL 0000000 gal
NORMAL

Total Flow Q:

$$Q_{TOTAL} = Q_1 + Q_2 + Q_3 =$$

07-30-2001 11:15:00
+3.294E+0 ft/s
+1.220E+2 gal/m
+2.719E-1 ft3/s
+TOTAL 0000365 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 11:44:00
+1.864E+0 ft/s
+3.786E+1 gal/m
+8.436E-2 ft3/s
+TOTAL 0000075 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 12:03:00
+3.358E+0 ft/s
+6.915E+1 gal/m
+1.540E-1 ft3/s
+TOTAL 0000067 gal
-TOTAL 0000000 gal
NORMAL

$$Q_1 = \underline{123.2 \text{ gpm}}$$

$$Q_2 = \underline{38.3 \text{ gpm}}$$

$$Q_3 = \underline{69.4 \text{ gpm}}$$

$$Q_{TOTAL} = \underline{230.9 \text{ gpm}} = \underline{0.51 \text{ cfs}}$$

07-30-2001 11:16:00
+3.313E+0 ft/s
+1.227E+2 gal/m
+2.734E-1 ft3/s
+TOTAL 0000487 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 11:45:00
+1.867E+0 ft/s
+3.791E+1 gal/m
+8.448E-2 ft3/s
+TOTAL 0000113 gal
-TOTAL 0000000 gal
NORMAL

07-30-2001 12:04:00
+3.365E+0 ft/s
+6.927E+1 gal/m
+1.543E-1 ft3/s
+TOTAL 0000136 gal
-TOTAL 0000000 gal
NORMAL

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POD 29-7257