

STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES

TIM WILSON, P.E.
STATE ENGINEER



AMARGOSA DESERT
HYDROGRAPHIC BASIN 14-230

GROUNDWATER PUMPAGE INVENTORY

WATER YEAR 2018

Field Investigated by: Tracy Geter
Report Prepared by: Tracy Geter

TABLE OF CONTENTS

	Page
ABSTRACT.....	1
HYDROGRAPHIC BASIN SUMMARY	2
PURPOSE AND SCOPE.....	3
DESCRIPTION OF THE STUDY AREA	3
GROUNDWATER LEVELS	3
METHODS TO ESTIMATE PUMPAGE	4
TABLES	5
FIGURES.....	6
APPENDIX A. AMARGOSA DESERT 2018 GROUNDWATER PUMPAGE BY APPLICATION NUMBER	10
APPENDIX B. AMARGOSA DESERT 2018 GROUNDWATER PUMPAGE FIELD NOTES.....	36

LIST OF TABLES

	Page
Table 1. Amargosa Desert historical pumpage (acre-feet) by water year.....	5

LIST OF FIGURES

	Page
Figure 1. Physiographic map of Amargosa Desert (Hydrographic Basin 14-230).....	6
Figure 2. Amargosa Desert water level measurement sites.	7
Figure 3. Amargosa Desert historical pumpage by manner of use.	8
Figure 4. Percentage of 2018 groundwater pumpage by manner of use.....	8
Figure 5. Comparison between 2018 groundwater commitments and estimated pumpage.	9

ABSTRACT

This inventory represents the status and usage of all permitted, certificated and claims of vested right groundwater rights located within Amargosa Desert, Hydrographic Basin 14-230, for water year 2018 (October 1, 2017 through September 30, 2018). Also included are tables, graphs and data associated with this use.

The data presented are valid for the time period of this report, and may vary from previously published figures as water rights within the basin are subject to administrative action, such as certification, cancellation, forfeiture, or withdrawal on a continual basis.

For water year 2018, the committed resource totaled 27,249 acre-feet, with estimated pumpage of approximately **17,099 acre-feet**. This includes an estimated 253 acre-feet pumped from exempt domestic wells.

Irrigation is the largest manner of use within the basin. For water year 2018, pumpage for irrigation water use totaled 13,676 acre-feet, with appropriations totaling 20,784 acre-feet. The second largest manner of use was commercial, with pumpage totaling 1,826 acre-feet and appropriations totaling 2,257 acre-feet.

HYDROGRAPHIC BASIN SUMMARY

HYDROGRAPHIC BASIN NUMBER	230, REGION 14
HYDROGRAPHIC BASIN NAME	AMARGOSA DESERT
COUNTIES	NYE
MAJOR COMMUNITIES	BEATTY, LATHROP WELLS
DESIGNATED	YES
DENIALS BASED UPON WATER AVAILABILITY	IRRIGATION, MUNICIPAL, QUASI-MUNICIPAL
GROUNDWATER LEVEL MEASUREMENTS	NDWR, USGS, NYE COUNTY
PUMPAGE INVENTORY, ACRE-FEET IN 2018	17,099 ¹
STATE ENGINEER'S ORDERS	
<u>NO. 293 – DESIGNATION</u>	DATE: SEPTEMBER 20, 1965
<u>NO. 296 – RESCINDED DESIGNATION</u>	DATE: JANUARY 21, 1966
<u>NO. 724 – DESIGNATION</u>	DATE: MAY 14, 1979
<u>NO. 1197 – CURTAILMENT</u>	DATE: NOVEMBER 4, 2008
<u>NO. 1197A - CURTAILMENT</u>	DATE: JANUARY 12, 2018
COMMITTED GROUNDWATER RESOURCE ² : 27,249 ACRE-FEET	DATE: JULY 2018
COMMERCIAL.....2,257 DOMESTIC.....1,012	WILDLIFE.....9
IRRIGATION.....20,784 MINING & MILLING.....1,941	MUNICIPAL.....432
QUASI-MUNICIPAL...814	

¹ Includes pumpage by exempt domestic wells, as defined by NRS 534.013.

² Committed groundwater resource data are accurate for July 2018. Manner of use category totals vary over time, as rights are not necessarily static. Rights may be subject to change applications, certification, withdrawals, forfeiture and cancellations; each of these circumstances could affect the duty, diversion rate and acreage associated with a given right. The value associated with each manner of use category does not include those portions that have been relinquished in support of domestic wells. A query of the NDWR Well Log Database indicates that 506 domestic wells existed in the basin during water year 2018. This query is assumed to represent both appropriations and exempt domestic wells. The committed domestic water resource is considered to be 2 acre-feet per domestic well, or 1,012 acre-feet annually.

PURPOSE AND SCOPE

The purpose of this report is to inventory all of the groundwater resources allocated and described by the Office of the State Engineer, Nevada Division of Water Resources (NDWR), and to estimate the amount of groundwater pumped within the Amargosa Desert for water year 2018. This report estimates the amount of groundwater pumped under the permits and certificates issued by the State Engineer, claims of vested right, as well as the amount pumped by exempt domestic wells within the basin.

DESCRIPTION OF THE STUDY AREA

Amargosa Desert is bounded to the northwest by Bare Mountain and the Bullfrog Hills. The Specter Range borders the northeast side of the basin. The Last Chance Range and the Spring Mountains border the basin to the east. The Funeral Mountains are located to the southwest of the basin. Amargosa Desert is surrounded by tributary basins to the north and northeast (Oasis Valley, Crater Flat, Fortymile Canyon – Jackass Flats Subarea, Rock Valley, and Mercury Valley). Pahrump Valley (10-162) and Indian Springs Valley (10-161) are east of the basin, and Sarcobatus Flat (10-146) lies to the northwest (Figure 1).

The exterior boundary of the Amargosa Desert Hydrographic Basin is as described by Designation Order 293 issued on September 20, 1965, Rescinded Designation Order 296 issued on January 21, 1966, and Designation Order 724 issued on May 14, 1979.

GROUNDWATER LEVELS

Depths to groundwater in Amargosa Desert have been measured by the Nevada Division of Water Resources consistently since the early 1950's. The following are the site names and links to the data for active sites (Figure 2):

<u>230 S15 E49 09CADA1</u>	<u>230 S15 E49 25DBCA1</u>	<u>230 S15 E50 29BADB1</u>
<u>230 S16 E48 14BAAA1</u>	<u>230 S16 E48 36DDDA1</u>	<u>230 S16 E49 14BB 1</u>
<u>230 S16 E49 19DA 1</u>	<u>230 S16 E49 22BBAA1</u>	<u>230 S16 E49 27BBAA1</u>
<u>230 S16 E50 28CDBA1</u>	<u>230 S16 E50 29DDAD1</u>	<u>230 S17 E48 01AB 1</u>
<u>230 S17 E49 04AA 1</u>	<u>230 S17 E49 04DCCC1</u>	<u>230 S17 E49 09 1</u>
<u>230 S17 E49 09DBBB1</u>	<u>230 S17 E49 10CBCB1</u>	<u>230 S17 E49 10DBBA1</u>
<u>230 S17 E49 12DDDA1</u>	<u>230 S17 E49 15BBBB1</u>	<u>230 S17 E49 15BC 2</u>
<u>230 S17 E49 15CAAA1</u>		

Groundwater level data are also collected by the U.S. Geological Survey (USGS) and may be accessed through their website at <http://nevada.usgs.gov/>.

METHODS TO ESTIMATE PUMPAGE

One of the purposes of this report is to estimate the amount of groundwater pumped under vested claims, permits and certificates issued by the State Engineer, as well as the amount pumped by the exempt domestic wells in the valley. Table 1 and Figure 3 show historical pumpage by manner of use; Figure 4 shows the percentage of water pumped by manner of use; and Figure 5 compares groundwater commitments and estimated pumpage by manner of use. The following methods were used to arrive at the estimated use:

- Where totalizing meters were in place, meter readings were taken and compared with previous data (if available).
- Where meters were not in place and the use was irrigation, pumpage was estimated by multiplying the number of hours the well was operated during the past year (determined from an hour meter reading or asking the water user) by the certificated diversion rate.
- Where there were no flow meters or other reliable options for estimating pumpage and the use was irrigation, pumpage was estimated by dividing the Net Irrigation Water Requirement (NIWR) for the crop grown by the efficiency of the irrigation method used, then multiplying by the number of acres irrigated. Irrigation efficiencies associated with three types of irrigation methods are pivot at 85%, wheel line or other hand moved sprinklers at 75%, and flood at 60%. The pumpage amount estimated by this method was limited by the duty of the permit. For places where the groundwater rights were supplemental to surface water, groundwater use was estimated using the NIWR method above, but adjusted based on available surface water for the year. Evapotranspiration and NIWR data by basin can be found on the NDWR website at: <http://water.nv.gov/Evapotranspiration.aspx>.
- Where meters were not present, previous data were not available, and the manner of use was not irrigation, pumpage was estimated by applying the annual duty associated with the certificate (if the water right was perfected), permit or claim, if the use was as described in the certificate, permit or claim. If the use was not as described in the certificate, permit or claim, a value was estimated based upon the circumstances of use for the subject year.
- Exempt domestic wells may be drilled and utilized where water service from a purveyor is not available. These types of wells do not require a permit from the State Engineer if they do not pump more than 2 acre-feet per year as provided by Nevada Revised Statutes (NRS) [534.180](#). [NRS 534.013](#) defines this category of domestic use as follows: “*Domestic use or domestic purposes extends to culinary and household purposes directly related to a single family dwelling, including, without limitation, the watering of a family garden and lawn and the watering of livestock and any other domestic animals or household pets.*” The number of exempt domestic wells in the basin was determined by a query of the NDWR Well Log Database. The amount of water pumped annually by exempt domestic wells is estimated to be 0.5 acre-foot per well in Amargosa Valley, or 253 acre-feet.

TABLES

Table 1. Amargosa Desert historical pumpage (acre-feet) by water year.

YEAR	COM	DOM	IRR	MM	MUN	QM	WLD	TOTAL
2014	1,905	269	13,324	175	90	284	5	16,052
2015	1,907	269	13,259	315	160	277	5	16,192
2016	1,802	251	12,237	694	144	307	5	15,440
2017	2,087	252	13,374	695	125	384	5	16,920
2018	1,826	253	13,676	755	176	408	5	17,099

FIGURES

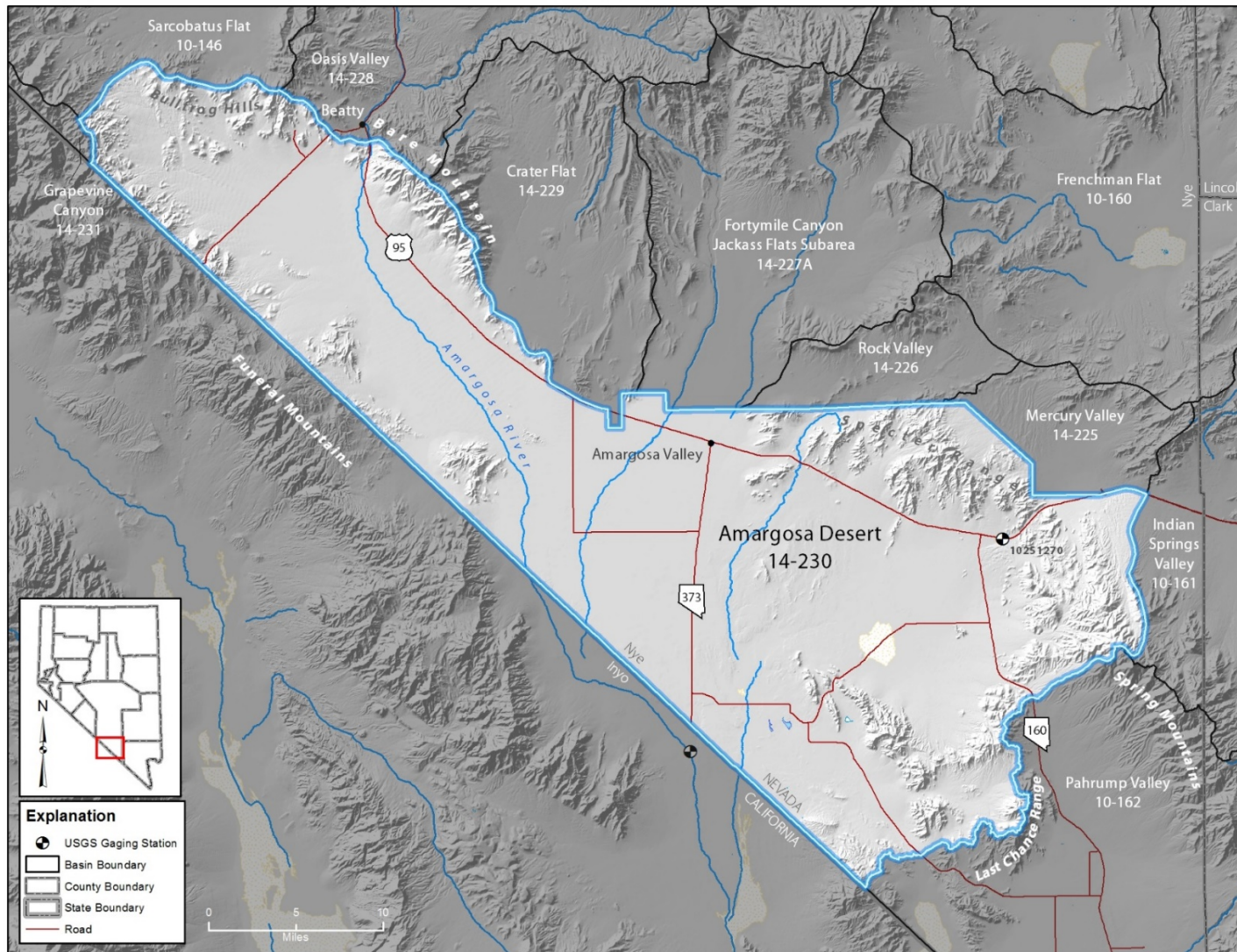


Figure 1. Physiographic map of Amargosa Desert (Hydrographic Basin 14-230).



Figure 2. Amargosa Desert water level measurement sites.

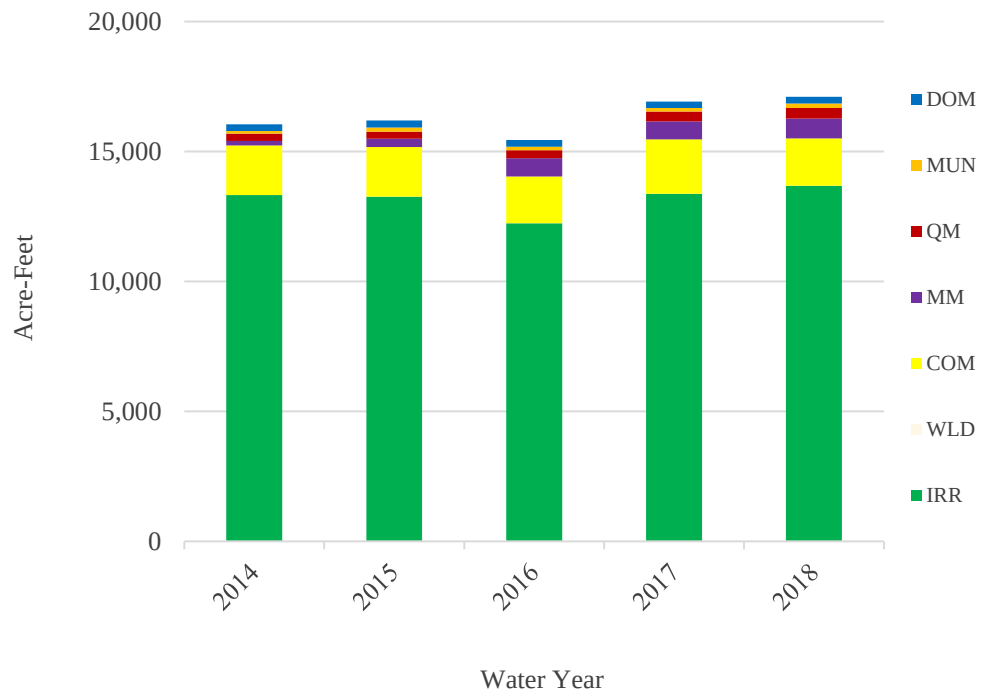


Figure 3. Amargosa Desert historical pumpage by manner of use.

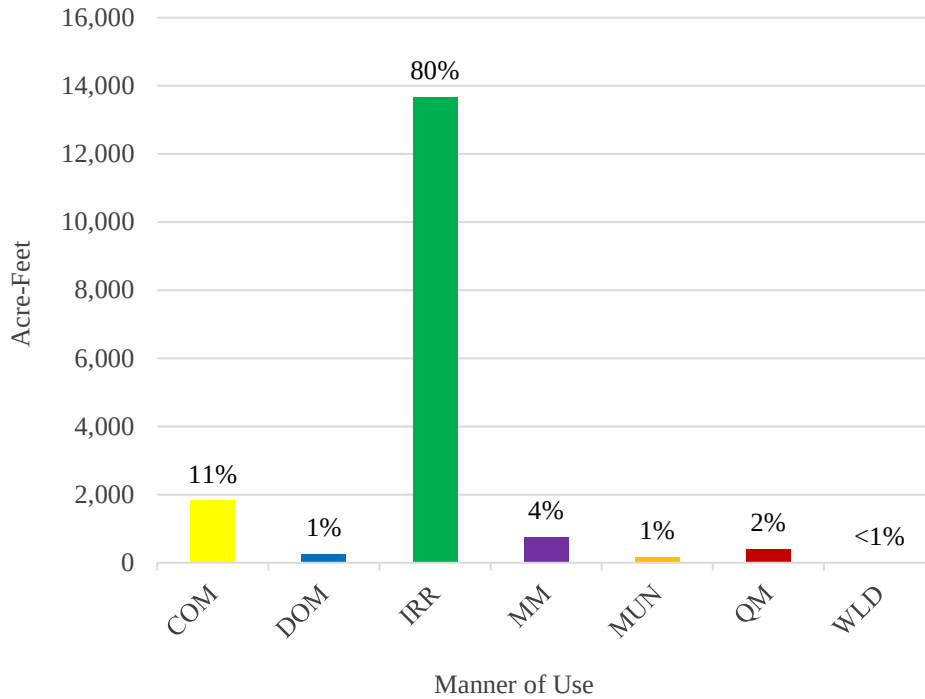


Figure 4. Percentage of 2018 groundwater pumpage by manner of use.

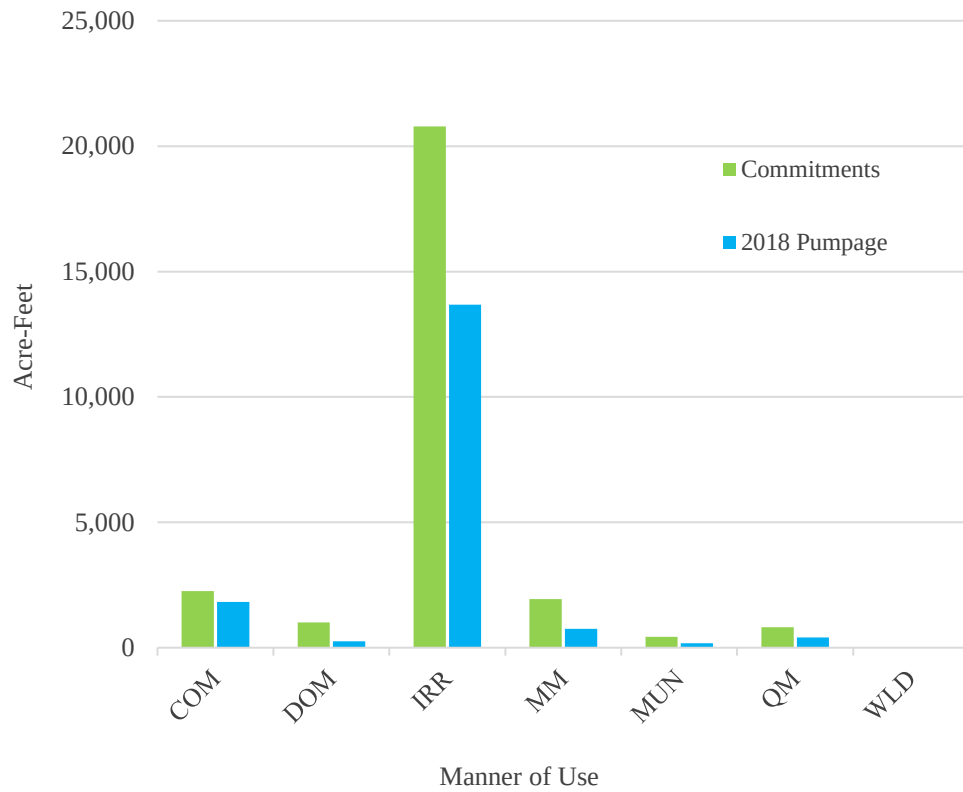


Figure 5. Comparison between 2018 groundwater commitments and estimated pumpage.

**APPENDIX A. AMARGOSA DESERT 2018 GROUNDWATER PUMPAGE BY
APPLICATION NUMBER**

EXPLANATION OF COLUMN HEADINGS FOR GROUNDWATER PUMPAGE INVENTORY

APP NUMBER	The file number of the Application or the Vested Claim of Right.								
STATUS	Indicates if the application is a Vested Claim of Right (VST), a Permit (Permit), or a Certificate (Cert).								
OWNER OF RECORD	The owner of the water right as recorded in the files of the State Engineer. A water right may have more than one owner of record.								
PLACE OF USE									
QQ	The quarter quarter of the Section in which the point of diversion is located.								
Qtr	The quarter of the Section in which the point of diversion is located.								
Sec	The Section in which the point of diversion is located.								
T	The Township in which the point of diversion is located.								
R	The Range in which the point of diversion is located.								
ACRES OR DUTY	The number of acres that are permitted to be irrigated or the duty if the manner of use is anything other than irrigation.								
ACRES IRR OR USE	The number of acres irrigated or the manner of use of the appropriated water. The types of manner of use may include: <table> <tr> <td>COM - Commercial</td><td>DOM - Domestic</td></tr> <tr> <td>IRR - Irrigation</td><td>MM - Mining & Milling</td></tr> <tr> <td>MUN – Municipal</td><td>QM - Quasi-Municipal</td></tr> <tr> <td>WLD – Wildlife</td><td></td></tr> </table>	COM - Commercial	DOM - Domestic	IRR - Irrigation	MM - Mining & Milling	MUN – Municipal	QM - Quasi-Municipal	WLD – Wildlife	
COM - Commercial	DOM - Domestic								
IRR - Irrigation	MM - Mining & Milling								
MUN – Municipal	QM - Quasi-Municipal								
WLD – Wildlife									
USED (AF)	The amount of water used during the water year, in acre-feet, as determined by review of records and/or field investigation.								
REMARKS	Notes pertaining to field investigation and/or review of records.								

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
13574	Cert.	Heisler	SE	SE	9	12	46	3.22	DOM	0.00	Depot vacant
14054	Cert.	Smotrich Trust	NE	NE	12	17	48	16.70	0.00		No meter
			SE	NE				<u>6.70</u>	<u>0.00</u>		
			TOTAL					23.40	0.00	0.00	
14059	Cert.	Mud Camp Mining	NW	SW	1	17	48	31.40	31.40		S/N 03-04508-10
64457	Cert.		NE	SW				31.40	31.40		08-17-17 - 991,536,000
			SW	SW				31.40	31.40		08-07-18 - <u>1</u> ,162,699,000
			SE	SW				<u>31.40</u>	<u>31.40</u>		
			TOTAL					125.60	125.60	540.08	
15702	Cert.	W. Dewitt	SE	NE	14	16	48	35.00	35.00	250.58	S/N 16-10550-06 08-17-17 - 44,365,300 08-07-18 - <u>123</u> ,779,300
15893	Cert.	Geneerco, Inc.	NW	NE	23	16	48	30.15	30.15		S/N 08-10898-10
85464	Permit		NE	NE				30.15	30.15		08-17-17 - <u>3</u> ,196,675 * 0.001 ac-ft
85465	Permit		SW	NE				30.15	30.15		08-07-18 - <u>3</u> ,792,070 * 0.001 ac-ft
			SE	NE				<u>30.15</u>	<u>30.15</u>		
			TOTAL					120.60	120.60	612.17	
16047	Cert.	S. Harneit	NE	SW	9	16	49	40.00	2.42		Includes wind break (2.42 acres)
72095	Permit		NW	SW				<u>40.00</u>	<u>0.00</u>		
								80.00	2.42	6.05	
16545	Cert.	Acres Cultivation, LLC	NE	NE	28	16	49	21.98	1.00	5.00	S/N 14-019167
86140	Permit	Acres Cultivation, LLC	NE	NE				73.50	<u>QM</u>	32.23	09-12-17 - 12,764,000
									1.00	0.00	09-21-18 - 25,195,000
16562	Cert.	E. Goedhart	NE	NE	16	16	48	37.50	37.50		S/N 04-02545-10
70142	Permit		NW	NE				40.00	40.00		08-17-17 - 29,007,000
			SE	NE				<u>20.05</u>	<u>20.05</u>		08-07-18 - 29,007,000
			TOTAL					97.55	97.55	500.00	S/N 03-04244-10 08-17-17 - <u>4</u> ,397,466,000 08-07-18 - <u>4</u> ,733,376,000 NIWR pumpage calculation is greater than duty. Issue full duty.

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
17404	Cert.	Morris DeLee Trust	NW	SW	25	16	48	31.25	0.00		S/N 01-07834-8
			NE	SW				31.25	0.00		08-17-17 - 599,662 x 0.001 ac-ft
			SW	SW				31.25	0.00		08-07-18 - 599,662 x 0.001 ac-ft
			SE	SW				<u>31.25</u>	<u>0.00</u>		Broken Meter
			TOTAL					125.00	0.00	0.00	
17657A01	Cert.	J. Acomb	NE	NW	15	16	48	5.69	1.25		Domestic, lawn & fruit trees
6978			SW	NW				2.73	0.50		For 13.416 acres
			SE	NW				<u>5.00</u>	<u>0.00</u>		Use NIWR for Turf Grass
			TOTAL					13.42	1.75	12.37	Sprinklers
18222	Cert.	Amargosa Land & Cattle Co.	NE	NE	30	16	49	34.10	34.10		No meter
			NW	NE				33.90	33.90		Permitted Duty = 1,180.20 ac-ft/yr
			SW	NE				33.40	33.40		Alfalfa, Pivot, NIWR = 5.3
			SE	NE				34.10	34.10		NIWR pumpage calculation is greater
			NE	NW				33.40	33.40		than duty
			NW	NW				33.20	33.20		Issue full duty.
			SW	NW				32.90	32.90		
			SE	NW				<u>33.50</u>	<u>33.50</u>		
			TOTAL					268.50	268.50	1180.20	
18528	Cert.	Shum	SE	SW	18	15	50	24.98	COM	2.00	No Meter Commercial Store
18764	Cert.	Bills Revocable Trust	NE	NE	8	16	48	14.80	14.80	163.81	S/N 06-06192-06 08-29-17 - <u>5</u> 15,327,400 08-31-18 - <u>5</u> 68,996,300
18772	Cert.	Apple Ranch, LLC	SE	NE	19	16	48	14.50	1.00		Domestic, lawn & fruit trees
			NW	NW	20	16	48	20.00	1.00		Use NIWR for Turf Grass
			SW	NW	20	16	48	<u>16.60</u>	<u>0.00</u>		Sprinklers and domestic use for two lots.
								51.10	2.00	15.33	Duty is 51.98 AFA
19034	Cert.	Gilgan	SE	NE	8	17	49	37.46	0.00		No meter
21584	Cert.		NE	SE				20.63	0.00		Domestic, sparse windbreak
			SE	SE				<u>1.91</u>	<u>0.51</u>		Use NIWR for Turf Grass
			TOTAL					60.00	0.51	3.60	Wheel Line

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
19448	Cert.	B. Barrackman	NW	NW	7	16	48	36.60	36.60	165.43	S/N 96-04661-04 08-29-17 - <u>234,759,900</u> 08-31-18 - <u>288,959,800</u>
19916	Cert.	T&T Land Co.	NE	NE	24	16	48	40.00	28.50		Use NIWR for LM Pasture Grass Sprinklers. Power Meter Reading S/N 9042606 09-07-17 - 69,498 09-27-18 - 82,193
			NW	NE				40.00	32.75		
			SE	NE				40.00	1.00		
			SW	NE				<u>40.00</u>	<u>26.00</u>		
			TOTAL					160.00	88.25	423.60	
19917	Cert.	Morris DeLee Trust	NE	SE	24	16	48	40.00	0.00		S/N 72 068 902
22761	Cert.		NW	SE				40.00	0.00		09-27-18 - 13,806
			SE	SE				40.00	0.00		New power meter
			SW	SE				<u>40.00</u>	<u>0.00</u>		Use NIWR for Alfalfa, Pivot. Power Meter.
			TOTAL					160.00	0.00	0.00	TCD is 800 acre-feet
20162	Cert.	Wahl	NW	NE	35	16	49	20.00	0.00		S/N 01-01385-4
81510	Permit	Bailey	NE	NW				<u>10.00</u>	<u>0.00</u>		09-12-17 - <u>111,265,700</u>
			TOTAL					30.00	0.00	0.00	09-25-18 - <u>111,265,700</u> S/N 11-06751-06 09-12-17 - 706,787 * 0.001 09-25-18 - 706,787 * 0.001 Two wells. Permit No. 81510 is for diversion rate only.
20352	Cert.	T. Bjorklund	NW	NW	1	17	48	30.70	0.00	0.00	No meter
			NE	NW				30.70	0.00	0.00	
			SW	NW				30.71	0.00	0.00	
			SE	NW				30.71	0.00	0.00	
			Lt	9	36	16	48	26.00	0.50	3.00	
			Lt	10				19.90	1.00	6.00	Use NIWR for Pasture, sprinklers
			Lt	11				<u>26.00</u>	<u>0.50</u>	<u>3.00</u>	
			TOTAL					194.72	2.00	12.00	
21593	Cert.	Dept. of Transportation	SW	SW	18	15	50	16.14	DOM	16.14	No Meter
				E2	18	15	50				
				Lt30	18	15	50				
				Lt31	18	15	50				
				Lt32	18	15	50				

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
				Lt33	18	15	50				
22233	Cert.	Boyd Family Trust	NE	NE	36	16	48	29.00	4.50	27.00	Fruit trees, lawn and windbreak. Use NIWR for HM Pasture, Sprinklers
22746	Cert.	Morris DeLee Trust	NW	SE	19	16	49	40.00	31.25	625.00	No meter
			NE	SE				40.00	31.25		Issue full duty.
			SW	SE				40.00	31.25		NIWR pumpage calculation is greater
			SE	SE				40.00	31.25		than duty
			TOTAL					160.00	125.00		
24585	Cert.	K. Garey	NE	SE	9	16	49	8.75	8.00	81.00	Use NIWR for HM Pasture, Sprinklers
64997	Cert.	Chadwick	NW	SE				5.00	2.50		
			SW	SE				10.00	3.00		SW SE SW METERED
			TOTAL					23.75	13.50		
24725	Cert.	Coral Cay Trust	NE	NW	18	16	48	37.76	31.25	838.15	S/N 16-14992-10
			SE	NW				39.24	31.25		08-17-17 - 152,493,000
			NW	NE				38.79	31.25		08-07-18 - 411,318,000
			SW	NE				39.70	31.25		
			TOTAL					155.49	125.00		
24763	Cert.	Cantino	NE	NE	8	16	49	17.94	6.00	28.80	Use NIWR for LM Pasture, Sprinklers
25743	Cert.	A. Kirker	NW	SW	10	16	48	4.50	1.00	6.00	S/N 8941222
											08-31-17 - 37,177,100
											09-05-18 - 37,177,100
											Use NIWR for HM Pasture, Sprinklers
											Broken Meter
26152	Cert.	Ralph McCracken	SE	SE	8	16	48	12.00	11.21	40.53	See field sheet for assigned duties
52616	Permit							30.00	0.00		Issue 2.5 acre-feet per acre irrigated.
42171	Permit		SW	SE	8	16	48	30.00	5.00		Sprinklers (drip)
								72.00	16.21		
26283	Cert.	Coral Cay Trust	NW	NW	18	16	48	40.00	40.00		No meter
			SE	SW				2.11	2.11		Triticale and Sorghum

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
			NE	SW				40.00	31.25		NIWR pumpage calculation is greater than duty Issue full duty.
			NW	SW				<u>40.00</u>	<u>40.00</u>		
			TOTAL					122.11	113.36	610.55	
27812	Cert.	Lhoist North America	NW	NW	28	17	48	310.81	MM	685.01	S/N 00860896
29451	Cert.		SW	NW				4.99			08-17-17 - 200
29452	Cert.				29			4.99			09-13-18 - Gate Locked
64456	Cert.							68.80			S/N 00860895
											08-17-17 - 200
											09-13-18 - Gate Locked
											Two wells. TCD is 242.007 MGA
											2018 pumpage = 2017 pumpage
28062	Permit	Cohan	SW	SE	2	18	49	119.90	QM	28.98	S/N 00860902
45061	Permit	Amargosa Church	SE	SW							09-13-18 - 530,000
			SW	SW							New Meter
			NW	NE	11						S/N 37268
			NE	NW							09-29-17 - <u>53,997,300</u>
											09-13-18 - <u>59,436,200</u>
											2018 Pumpage = 2017 Pumpage
29069	Cert.	Phillip K. Gobin	NE	NE	8	16	49	6.18	1.50	9.00	No Meter
											Use NIWR for HM Pasture, Sprinklers
30411	Cert.	Geneerco, Inc.	NW	SE	23	16	48	30.30			S/N 13-010274-08
			NE	SE				30.33	30.33		08-17-17 - <u>582,201,500</u>
			SW	SE				30.33	30.33		08-07-18 - <u>618,496,600</u>
			SE	SE				<u>30.33</u>	<u>30.33</u>		
			TOTAL					121.29	121.29	114.52	
35592	Cert.	Amargosa Water Corp.		SW	1	17	48	8.96	QM	6.50	12 mobile homes, 1 house
											Issue 0.5 ac-ft/unit
36584	Cert.	R. Allison	NW	NW	15	16	48	2.50	1.50	9.00	S/N 30500000
											08-31-17 - No meter

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
											08-17-18 - No meter Use NIWR for HM Pasture, Sprinklers
38127	Cert.	D. Dewitt	NW	NW	26	16	48	29.17	29.17		S/N 13-01029-08
			NE	NW				29.17	29.17		08-17-17 - <u>5</u> 39,438,200
			SW	NW				29.17	29.17		08-07-18 - <u>6</u> 72,296,800
			SE	NW				<u>29.16</u>	<u>29.16</u>		Corn and Triticale
			TOTAL					116.67	116.67	419.21	
38363	Cert.	D. Dewitt	NW	NE	26	16	48	29.17	29.17		S/N 06-11074
			NE	NE				29.17	29.17		08-17-17 - <u>3</u> 4,064,500
			SW	NE				29.17	29.17		08-07-18 - <u>1</u> 57,184,700
			SE	NE				<u>29.16</u>	<u>29.16</u>		Alfalfa
			TOTAL					116.67	116.67	388.49	
40954	Cert.	Raetz	SE	SE	22	16	49	5.24	3.00		S/N 139101
83190	Permit		SE	SW				<u>7.30</u>	<u>3.00</u>		09-29-17 - 6,715,430
			TOTAL					12.54	6.00	11.26	09-25-18 - 10,344,720
43524	Abr.	Rockview Dairies	NW	NW	10	17	49	31.40	0.00		S/N 14-11872-08
			NE	NW				31.40	0.00		08-17-17 - No Meter, Well Down
			SW	NW				31.40	0.00		08-07-18 - No Meter, Well Down
			SE	NW				<u>31.40</u>	<u>0.00</u>		New Meter/North Well
			TOTAL					125.60	0.00	0.00	Use NIWR for Alfalfa, Pivot
43873	Cert.	D. Dewitt	NW	NW	24	16	48	29.17	29.17		S/N 13-01028-08
			NE	NW				29.16	29.16		08-17-17 - <u>6</u> 90,888,900
			SW	NW				29.17	29.17		08-07-18 - <u>7</u> 36,886,700
			SE	NW				<u>29.17</u>	<u>29.17</u>		Duty limited to 545.38 Ac-Ft
			TOTAL					116.67	116.67	145.14	
45061A01	Cert.	F. Mutz	SW	SE	02	18	49	1.12	QM	1.12	S/N 255278
											09-29-17 - 7,103,200
											09-26-18 - Meter Removed
											Issue Full Credit
45162	Cert.	Horizon Academy LLC	SE	SW	2	17	49	9.76	QM	25.36	S/N 04-08800-4 (East Well)
45163	Cert.										09-25-17 - 57,097,300

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
71880	Permit							14.00	COM	12.52	09-25-18 - 65,362,300 S/N 04-08801-4 (West Well) 09-25-17 - 97,809,500 09-25-18 - 101,889,800
45740	Cert.	Blackwell	NE	NW	27	16	49	3.38	QM	6.45	S/N 37265 09-07-17 - 44,007,900 09-25-18 - 40,007,900 1 - home, 2 - mobile homes Broken Meter 2018 Pumpage = 2017 Pumpage
46218	Cert.	Bell Telephone	NE	NE	14	16	49	0.09	COM	0.09	Switching station. No meter
47223	Permit	Amargosa Estates	SW	SE	31	16	49	36.98	QM	7.47	S/N 1753055
80990	Permit		S2	S2							09-28-17 - 8,582,800 09-27-18 - 10,957,900 S/N 92808999 09-28-17 -203,010 09-27-18 -255,050 Two wells.
48479	Cert.	Amargosa Enterprises		SW	36	17	49	567.59	MM	50.00	S/N 99-92474
48480	Cert.	Galtar, LLC									09-26-18 - 59,936,100
48481	Cert.	Amargosa Enterprises									Well for Permit No. 66397
48482	Cert.										Issue partial credit
48483	Cert.										
66397	Cert.	American Borate									Five remaining wells are in California
49804	Cert.	Howard	SE	SE	26	16	49	0.12	QM	0.13	S/N 80448210 09-12 -17 - 33,390 09-25 -18 - 76,780 Post Office, Issue full credit
49885	Cert.	Dave Rau	SE	NW	12	17	48	13.00	8.00	36.40	S/N 8781875 09-25-17 -1,198,555 * 0.001 ac-ft 09-20-18 -1,234,458 * 0.001 ac-ft
50385	Cert.	Nye County	NW	NE	16	16	49	32.53	QM	65.70	S/N 12-03210-03

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
78935	Permit							50.00			08-31-17 - 128,941,000 09-05-18 - 150,644,000 Baseball Field and park
51915	Permit	Farm Road, LLC	SE	SE	26	16	49	9.70	COM	0.00	S/N 98377840 09-12-17 - 7,015,300 09-25-18 - 7,015,300
53181	Permit	Marsh	SW	SW	2	18	49	57.91	QM	32.65	S/N 08-01339-03
53182	Permit		SE	SW				96.78			09-29-17 - <u>87</u> ,111,250
63407	Permit							10.00	COM	4.04	09-26-18 - <u>97</u> ,661,380 S/N 964993 09-29-17 - <u>117</u> ,514,860 09-26-18 - <u>118</u> ,819,310
54271	Cert.	Nye County	SE	NE	7	17	52	1.22	QM	4.00	S/N 76936101 09-29-17 - 1,237,580 09-28-18 - 2,737,580
57304	Permit	De Lee Trust	NW	NW	25	16	48	40.00	30.00		S/N 07-11403-8
			NE	NW				40.00	30.00		08-17-17 - <u>371</u> ,284,500
			SW	NW				40.00	30.00		08-07-18 - <u>371</u> ,284,500
			SE	NW				<u>40.00</u>	<u>30.00</u>		Use NIWR for Alfalfa, Pivot
			TOTAL					160.00	120.00	748.24	
59180	Cert.	VFW Post	LT2	SE	35	16	49	1.63	COM	0.22	S/N 74049644 09-25-18 - 438,050 New Meter 2018 Pumpage = 2017 Pumpage
59400	Can	Hendrix Family Trust	SE	SW	18	15	50	4.00	COM	4.80	S/N 49472021 07-27-17 - 526,064 08-08-18 - 742,232 Units are in cubic feet. Issue partial credit.
60162	Cert.	Mathewson	NW	NW	15	16	48	2.50	1.50	0.19	S/N 64460951 08-31-17 - 17,519,200 08-17-18 - 17,577,200
60433	Cert	Fowler	NW	NW	15	16	48	2.50	2.00	13.12	S/N 5622115

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
											09-28-17 - 97,514,000 09-29-18 - 101,829,000
60434	Cert.	Fowler	SW	NW	15	16	48	2.00	2.00	4.01	S/N 5622116 09-28-17 - 88,829,300 09-29-18 - 90,140,400
60435	Cert.	Romero	NW	NW	15	16	48	1.80	0.30	1.80	S/N 53534338
66065	Cert.							2.80	QM	1.00	08-31-17 - 5,404,000 08-17-18 - 5,404,000 Use NIWR for LM Pasture, Sprinklers
60439	Cert.	Amargosa 9, LLC	NE	NW	15	16	48	8.33	0.00	0.00	S/N 51953126 08-31-17 - 57,136,900 08-17-18 - 57,136,900
60450	Cert.	Romero	NW	NW	15	16	48	1.36	1.00	4.20	S/N 51527163 08-31-17 - 39,935,300 08-17-18 - 41,251,400
60455	Cert.	Martell	NW	NW	15	16	48	2.50	1.50	2.99	S/N 97800122 08-31-17 - 51,751,200 08-17-18 - 52,688,900
60463	Cert.	Durgin and Booth	NW	NW	15	16	48	2.50	0.80	5.65	S/N 2107854 08-31-17 - 41,780,200 08-17-18 - 41,780,200 Faulty Meter Use NIWR for Turf Grass, Sprinklers
60466	Cert.	Williams	SE	NW	15	16	48	1.50	1.50	2.31	S/N 37987421 08-31-17 - 23,286,300 08-17-18 - 24,011,300
60471	Cert	Dolby	NW	NW	15	16	48	1.00	1.00	4.23	S/N 51294862 08-31-17 - 31,297,200 08-17-18 - 32,621,500
60472	Cert.	Villalobos	SE	NW	15	16	48	2.00	2.00	8.35	S/N 2170277

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS	
			QQ	Qtr	Sec	T	R					
											08-31-17 - 46,053,300 09-28-18 - 48,982,900	
60705	Permit	Shum	SE SW NW NE	SW SW NW NW	18 19	15	50	13.68	COM	9.42	S/N 08172912 07-27-17 - 21,683,300 08-08-18 - 21,683,300 2018 Pumpage = 2017 Pumpage	
61413 66120 66121	Cert. Permit Permit	Beatty Water					12	46	613.78	MUN	175.89	For EW-4. Meter readings supplied by Beatty Water
62465	Cert.	Selbach	SW	NW	7	16	48	1.61	0.50	1.31	S/N 53761133 08-29-17 - 25,942,700 08-31-18 - 26,372,000	
62918 62919 63151 63152 63153 63174	Cert Cert Cert Cert Cert Cert	Geneerco	NW NE SW SE TOTAL	SW SW SW SW	23	16	48	27.99 27.99 27.99 27.99 111.96	27.99 27.99 27.99 27.99 111.96	794.61	S/N 06-07018-08 08-17-17 - 519,139 * 0.001 ac-ft 08-07-18 - 1,291,980 * 0.001 ac-ft TCD = 559.80 ac-ft/yr Alfalfa	
63143 78936	Cert. Permit	Nye County	SE	NE	8	16	49	3.95 5.60	QM QM	7.45	S/N 63416933 09-29-17 - 18,016,500 09-28-18 - 20,436,500	
63234	Permit	Villalobos	SE	NE	8	16	49	4.55	2.00	10.02	S/N 57247095 08-31-17 - 21,046,000 09-28-18 - 24,562,300	
63565 63566 65473 65474	Cert. Cert. Cert. Cert.	Lhoist	NE	SE	12	17	48	14.22	14.22	134.83	S/N 13-07209-08 09-25-17 - 142,070,600 09-20-18 - 185,403,400 Faulty Meter TCD = 65.68 ac-ft/yr Pasture, Wheel Line, NIWR = 4.5	

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
63715	Cert.	Church of Amargosa	NE	NW	15	16	48	5.10	COM	1.50	S/N 51768764 08-29-17 - 2,862,300 08-17-18 - 2,862,300 Broken Meter, Issue partial credit
64169	Cert.	Nye County	SW	NE	7	17	52	0.73	QM	0.00	S/N 66926668 07-27-17 - 203,180 09-28-18 - 203,180
64767	Cert.	Rockview Dairies		E2	4	17	49	57.50	COM	276.53	S/N 10-07695-06 (old meter)
66042	Cert.			All	9	17	49	59.83			08-17-17 - 725,476,900
82758	Permit			All	10	17	49	264.00			05-31-18 - 725,469,400
82759	Permit			NW	15	17	49	50.00			
			NW	SE							S/N 17-10112-06 (new meter)
			N2	SW							06-05-18 - 0
			SW	SW							08-07-18 - 19,409,300 Barn II 2018 Pumpage = 2017 Pumpage
65237	Cert.	Barrackman	LT2	NW	7	16	48	2.00	COM	0.34	S/N 58311943 08-29-17 - 4,651,100 08-31-18 - 4,762,300
65320	Cert.	U.S. Fish & Wildlife USFW	NE	NE	2	18	50	9.42	WLD	4.89	S/N 1102-110/4315529
78832	Permit										07-27-17 - 4,481,326 09-13-18 - 5,007,832 Well No. ME-13 S/N 1102-110/4315526 07-27-17 - 4,374,733 09-13-18 - 5,652,864 Well ME-16 (Diversion rate only)
65746	Cert.	Geneerco, Inc	NW	NW	23	16	48	17.24	17.24	477.46	S/N 13-01030-06
66323	Cert.		NE	NW				17.24	17.24		08-17-17 - 429,398,000
66324	Cert.		SW	NW				17.24	17.24		08-07-18 - 580,717,200
67955	Cert.		SE	NW				17.24	17.24		
68451	Cert.							68.96	68.96		
78755	Permit										

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
66057A01	Cert.	Engl	NW	NW	20	16	48	39.90	4.40	6.99	S/N 2448030 08-29-17 - 92,532,800 08-31-18 - 94,821,500
66083	Cert.	Cameron	NW	NE	36	16	49	2.50	1.00	2.07	S/N 58191861 09-25-17 - 40,599,300 09-27-18 - 41,276,100
66150	Cert.	Vogt Trust	SE	SW	18	16	48	2.34	1.30	21.33	S/N 65447112 08-29-17 - 45,278,100 09-27-18 - 52,781,200
66281R01	RLP	Dale and Black	Lot	11	11	18	49	2.02	DOM	2.02	Domestic use, no meter For APNs 19-481-11 & 12 (RLP)
66395	Permit	Jacobs	NE SE	SW NW	2	18	49	39.50	QM	40.61	S/N 1567525 09-29-17 - 58,700,400 09-26-18 - 71,824,300 20 +/- Mobile homes, landscaping
66445	Permit	Selbach	SE	NE	16	16	48	4.48	2.00	3.68	S/N 09126298 08-31-17 - 53,955,400 09-27-18 - 55,243,400
67393 77066	Cert Permit	Bell U.S. Ecology	NW NE	NE NW	35	13	47	20.00 25.00	COM	32.70	S/N 14018026 07-27-17 - 17,484,000 08-08-18 - 28,488,000
67643	Permit	Creel	NE	NE	36	16	48	9.00	0.80	2.79	S/N 57369904 09-28-17 - 333,020 09-27-18 - 454,400 Units are in cubic-feet
68086	Cert.	Bracamontes	SE N2	NW SE	15	16	48	15.00	COM	7.18	S/N 003867 08-31-17 - 43,550,040 08-17-18 - 45,800,100

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
68087	Permit	Saucedo	SE	NE	16	16	48	4.48	2.50	6.16	S/N 14-012484 08-31-17 - 10,351,200 08-17-18 - 12,281,500 NIWR HM Pasture, Sprinklers
68342	Cert	Amargosa Christian	SE	SW	9	16	49	2.00	COM	1.00	S/N 07-023530 09-05-18 - 210,300 New Meter 2018 Pumpage = 2017 Pumpage
68856	Permit	Morris DeLee	NE	SW	19	16	49	31.25	0.00		WNV
68857	Permit		NW	SW				31.25	0.00		
68858	Permit		SE	SW				31.25	0.00		
			SW	SW				<u>31.25</u>	<u>0.00</u>		
								125.00	0.00	0.00	
68884	Permit	Smotrich Trust	NE	SW	19	16	49	40.00	0.00		Well Visible. No Meter Permit No. 68885 is for COM Use
68885	Permit		NW	SW				40.00	0.00		
			SE	SW				40.00	0.00		
			SW	SW				<u>40.00</u>	<u>0.00</u>		
								160.00	0.00	0.00	
68993	Cert.	Farm Road LLC	LT SE	3 NW	2	17	49	20.00	COM	0.00	S/N 07-11977-02 09-12-17 - 655,261 * 0.0001 ac-ft 09-25-18 - 655,261 * 0.0001 ac-ft Not in Use
69659	Cert.	Jacobs	NE	SW	22	16	49	2.20	QM	0.00	S/N 225250 09-12-17 - 2,320,000 09-25-18 - 2,320,000
69660	Cert.	Jacobs	NE	SW	22	16	49	2.20	QM	1.06	S/N 225240 09-12-17 - 1,064,200 09-25-18 - 1,422,900
69661	Cert.	Jacobs	NE	SW	22	16	49	2.20	QM	1.32	S/N 225314 09-12-17 - 3,072,700

**GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2018**

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE				ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R			
										09-25-18 - 3,519,300
69693	Cert.	Facundo	SW	3	12	17	48	2.24	QM	0.99 S/N 14-2147 09-29-17 - 1,863,500 09-20-18 - Gate Locked 2018 Pumpage = 2017 Pumpage
69701	Permit	Ash Meadows, LLC	NE	NW	25	18	50	0.61	MM	2.11 S/N 2236230025
85851	Permit	1948164 Alberta Ltd.	NW SE	NE SW				2.00	MM	07-27-17 - 1,687,200 09-13-18 - 2,464,300
69729	Cert.	Farm Road LLC	NW	NW	27	16	49	180.40	COM	8.00 S/N 05-10545-03
70673	Cert.		NE	NW						09-12-17 - Meter Removed
70674	Cert.		SW	NW						09-21-18 - Meter Removed
73501	Permit		SE	NE	28	16	49			2018 Pumpage = 2017 Pumpage
70035	Cert.	Nye County	SW	SE	9	16	49	15.00	COM	11.39 S/N 14-018916 09-27-18 - 1,736,000 New meter 2018 Pumpage = 2017 Pumpage
70047	Cert.	Bailey	NW	NW	7	17	49	1.27	QM	5.39 S/N 04 004377 08-25-17 - 13,380,500 09-21-18 - 15,267,200
70150	Cert.	Rockview Dairies	NW	NE	7	17	49	4.48	QM	7.44 S/N 63353812 08-25-17 - 28,499,700 08-07-18 - 30,803,300
70188	Cert.	Powell	SE	SW	18	16	48	1.12	QM	1.04 S/N 007060 08-29-17 - 3,317,100 09-27-18 - 3,682,200
70231	Permit	Gonzales	NE	SW	7	16	48	25.50	COM	3.82 S/N 51953125 08-29-17 - 40,721,500 08-31-18 - 41,972,100
70232	Permit	R. Gil	LT	7	35	16	49	2.00	COM	1.00 S/N 013285

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE				ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R			
										09-27-18 - 513,400 New Meter 2018 Pumpage = 2017 Pumpage
70349	Permit	Rockview Dairies	NW	SW	9	17	49	5.00	QM	22.04 S/N 20141289-02 08-17-17 - 25,684,400 08-07-18 - 32,668,900 Windjammer Domestic
70435	Cert.	Bjorklund	NW	SE	12	17	48	2.00	2.00	12.58 S/N 65559422 09-25-17 - 45,642,735 09-21-18 - 49,698,100
70487	Cert.	Hernandez	NW	NE	8	16	49	1.68	QM	1.68 S/N 04-004259 08-29-17 - Meter Removed 08-29-17 - Meter Removed Issue Full Credit
70679	Cert.	Nye County	SW	SE	9	16	49	15.00	QM	26.61 S/N 15484585 08-31-17 - 12,694,100 09-05-18 - 21,483,900
74013	Cert.		SE	SE				15.00		
70715	Cert.	Wahl	SE	NW	35	16	49	19.20	19.20	4.90 S/N 02-07771-6 (North Well) 09-12-17 - 865,795 * 0.001 ac-ft 09-25-18 - 867,824 * 0.001 ac-ft S/N 02-07772-6 (South Well) 09-12-17 - 1,893,678 * 0.001 ac-ft 09-12-18 - 1,896,725 * 0.001 ac-ft
70716	Cert.		SW	NE				8.94	8.94	
70717	Cert.							28.14	28.14	
70718	Cert.									
70864	Permit	Hernandez	NE	SE	26	16	49	2.02	COM	1.26 S/N 68747957 09-12-17 - 3,407,500 09-25-18 - 3,834,000
71257	Cert.	Perez	SE	NE	8	16	49	2.00	QM	1.50 S/N 5959608 08-29-17 - Meter Removed 09-05-18 - Meter Removed Issue Partial Credit
71474	Cert.	Barajas	LT	9	7	17	49	1.68	QM	1.00 S/N 562026 09-25-17 - 3,180,581

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE				ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R			
										09-20-18 - 3,180,581 Broken Meter, Issue Partial Credit
72012	Cert.	Mosley	NW	SE	12	17	48	5.00	1.50	4.53 S/N 08-005855 09-25-17 - 13,100,300 09-20-18 - 14,554,900
72130	Permit	Barajas	NE	NW	11	17	49	2.00	COM	0.62 S/N 563874 09-25-17 - 3,961,240 09-25-18 - 4,162,420
72239	Abr.	Anjoy Trust	SE	SW	09	16	49	5.00	0.00	0.00 S/N 31865487 08-29-17 - Meter Removed 09-05-18 - Meter Removed CT Permit No. 86350
73091	Permit	Hafen Family Trust	SW	NW	8	16	48	6.00	0.00	0.00 WNV, Vacant Land Duty limited to 35.63 Ac-Ft Ext. for POC submitted 06-25-18
73093	Permit									
77254	Permit									
77255	Permit									
73596	Abr.	Gehring	NE	NW	33	16	49	26.60	26.60	38.24 S/N 08-02764-04 09-07-17 - 159,653,600 09-21-18 - 172,591,300
73880	Permit	LCF Horticulture	SE	NW	15	16	48	10.00	COM	8.72 S/N 97454023 08-31-17 - 120,697,900 08-17-18 - 123,431,400
73881	Cert.	LCF Horticulture	NW	NW	15	16	48	33.68	COM	34.12 S/N 8480231 08-31-17 - 155,849,000 08-17-18 - 168,108,000
79686	Permit		SW	NW				5.00	COM	
74208	Cert.	Seley	NE	NE	7	17	49	1.20	1.00	10.49 S/N 08-008789 09-15-17 - 16,286,800 09-20-18 - 19,751,100
74622	Cert.	Carter	NW	SW	10	16	48	1.20	1.20	5.93 S/N 60527928

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
											09-29-17 - 11,831,400 09-28-18 - 13,757,700
74747	Permit	Green Mountain Ranch	SW	NW	15	16	48	9.08	COM	0.00	S/N 6005447 08-31-17 - Gate Locked 08-17-18 - Gate Locked Extension of Time Submitted
75028	Cert.	R. Regan	SW	SE	36	16	51	9.95	2.00	11.40	S/N 14-014221 07-27-17 - 9,561,900 09-26-18 - 13,899,200
75176	Cert.	Franklin Lake	NW	NE	1	17	48	2.02	COM	0.38	S/N 07- 018568
75275	Permit							2.00			09-28-17 - 6,063,300 09-27-18 - 6,186,650 Same POD, TCD 4.02
75824	Cert.	Ministerio Roca Solida Iglesia	SW	SW	21	17	50	2.00	COM	0.20	S/N 07-018295 09-25-17 - 3,961,240 08-08-18 - 4,018,950
75835	Permit	E Street Apartments	SE	SE	10	16	49	2.10	COM	0.00	S/N 67305265 08-31-17 -No meter 08-31-18 -No meter
76145	Permit	Amargosa Gil, LLC		SE	7	17	49	15.56	15.00	238.41	S/N 14-02477-08
83483	Permit			Lt14	7	17	49	23.85	QM	23.85	09-25-17 - 104,792,200 09-20-18 - 189,078,500
76218	Permit	Rockview Dairies	E2		4	17	49	320.00	COM	366.00	S/N 07-01390-10
84286	Permit				9			640.00			08-17-17 - 259,502,000
					10			640.00			08-07-17 - 375,497,000
				NW	15			160.00			
			NW	SE	15			40.00			Hay Bale Well
				SW	15			120.00			

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
76390	Permit	Barrick Bullfrog			33	12	47	286.70	MM	5.01	Meter readings supplied by Barrick Bullfrog
					34	12	47				
					35	12	47				
					1	13	47				
					2	13	47				
					3	13	47				
					4	13	47				
					5	13	47				
					9	13	47				
					10	13	47				
					11	13	47				
					16	13	47				
76547	Permit	Olson Family Trust	NW	NE	25	16	48	20.00	0.00		WNV, Vacant land
88211	RFA		NE	NE				20.00	0.00		
			SE	NE				20.00	0.00		
			SW	NE				20.00	0.00		
			NW	SE				20.00	0.00		
			NE	SE				20.00	0.00		
			SE	SE				20.00	0.00		
			SW	SE				20.00	0.00		
			TOTAL					160.00	0.00	0.00	
76691	Permit	Gilgan	NE	NE	8	17	49	40.00	0.00		S/N 09-04117-06
76692			NW	NE				40.00	0.00		09-25-17 - 291,423 * 0.001 ac-ft
			TOTAL					80.00	0.00	0.00	09-20-18 - 291,423 * 0.001 ac-ft
77148	Permit	Nye County	**	**	**	**	**	2.02	QM	0.77	S/N 45170152
81900	Permit							2.42	QM		09-29-17 - 5,738,700 09-26-18 - 5,987,100 Fire station Little Nevada ** Place of Use is Basin 230
77437	Permit	W. Hernstat	NE	NE	15	16	49	35.00	COM	0.00	S/N 4979998
77438	Permit		S2	NE				8.00	COM	0.00	09-28-2018 - 5 Reading from power meter
77464	Permit	LCF Horticulture	SE	NW	15	16	48	35.00	COM	4.12	S/N 66435787

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
											08-31-17 - 53,548,700 08-17-18 - 54,839,900
77783	Permit	McMackin	NW	SW	20	16	49	2.00	COM	2.00	Well Visible, No Meter
77951	Permit	Hoff	SE	LT3	12	17	48	2.00	QM	3.83	S/N 10005307 09-25-17 - 9,151,400 09-20-18 - Gate Locked 2018 Pumpage = 2017 Pumpage
78331	Permit	Weitman Trucking	SE	SE	26	16	49	2.00	COM	0.46	S/N 00977584 09-21-18 - 108,530 New Meter 2018 Pumpage = 2017 Pumpage
78383	Permit	DSJ2 Ltd.	NE	NE	03	16	48	5.00	COM	0.00	Well Visible, No Meter
78671	Permit	Jacobs	SW NW	SE NE	2 11	18 18	49 49	6.72	QM	5.18	S/N 00860886 08-16-17 - 200 09-26-18 - 1,876,000
78672	Permit	Jacobs	SW NW	SE NE	2 11	18 18	49 49	6.72	QM	0.06	S/N 00860885 08-16-17 - 400 09-13-18 - 22,100
78673	Permit	Jacobs	NW NE	NE NW	11 11	18 18	49 49	6.16	QM	23.63	S/N 00823118 08-16-17 - 200 09-13-18 - 8,289,400
78768 82597	Permit Permit	Lynn	SE	SE	12	16	47	6.00 2.00	MM	8.22	S/N 01052014 09-10-18 - 0 New Meter 2018 Pumpage = 2017 Pumpage
78983	Permit	Uptown Solar Holdings	NE SE NE	NE NE SE	10	16	48	2.00	COM	0.00	S/N 12-001802 08-31-17 - 16,950 09-05-18 - Meter Removed

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
			SE	SE							Property vacant
79092	Permit	Amargosa Land	SE	NE	15	16	48	60.00	QM	0.00	WNV
79757	Permit	Culberson	SW	SE	2	18	49	2.24	COM	0.00	S/N 12-001876 08-16-17 - 1,620 09-13-18 - 1,620
80280	Permit	McCracken	S2	SW	24	12	46	22.00	COM	0.00	WNV Beatty Airport
80547	Cert.	Wilson	SW	SE	2	18	49	2.24	QM	0.14	S/N 12-001715 09-29-17 - 6,100,090 09-13-18 - 6,142,540
80731	Permit	Desert Farm, Inc.	NW	NE	24	15	49	3.00	COM	0.00	S/N 0900078
80732	Permit										07-27-17 - Meter Removed 08-08-18 - Meter Removed Well Disconnected
80949	Permit	U.S. Fish & Wildlife	SW	NE	3	18	50	2.50	QM	0.73	S/N 60888416
80950	Permit		SE	NW							07-17-17 - 554,400
			NE	NW							09-13-18 - 830,500
			NW	NE							
81043	Permit	Picks and Shovels	SE	SW	2	18	49	5.60	COM	0.00	S/N 15-024750 09-29-17 - 40,100 09-13-18 - 40,100
81265	Permit	Nye County	**	**	**	**	**	37.00	QM	0.00	S/N 20120262-06
81266	Permit							43.00	QM		08-27-17 - 3,193,200 08-08-18 - 3,193,200 ** Place of Use is Basin 230
81555	Permit	T. Marl	NW	NW	11	16	48	4.00	COM	2.06	S/N 14-061305
85010	Permit							2.00	COM	0.00	09-28-17 - 244,200 09-05-18 - 874,400
81556	Permit	Alosi Investment Group	NW	SE	11	16	48	3.00	COM	0.00	WNV, Vacant Land

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
81557	Permit	Alosi Investment Group	NE	SW	11	16	48	3.00	COM	0.00	WNV, Vacant Land
81558	Permit	Alosi Investment Group	NW	NW	11	16	48	3.00	COM	0.00	WNV, Vacant Land
81588	Permit	Jacobs	NW NE	SE SW	2	18	49	32.35	COM	1.09	S/N 03-8563-4 09-29-17 - 2,342,100 09-26-18 - 2,694,400
81609	Permit	G. Nelson	NW SW		7	16	50	0.75	0.10	0.01	S/N 582202243 09-07-17 - 51,873,100 09-05-18 - 51,876,000 NIWR for LM Pasture, Sprinklers
81747	Permit	P. McKinney	NE	NE	11	18	49	3.36	QM	0.14	S/N 11-007122 09-29-17 - 2,232,650 09-13-18 - 2,292,260
81828	Permit	M. Weitman	NE	NW	27	16	49	2.00	2.00	22.87	S/N 07020833 09-07-17 - 33,741,500 09-21-18 - 41,479,900 NIWR for LM Pasture, Sprinklers
82739	Permit	Rockview Dairies, Inc.		E2	4	17	49	250.00	125.00		S/N 01-08267-8
84285	Permit			All	9	17	49	345.40	125.00		08-17-17 - 789,428,400
				All	10	17	49				08-07-18 - 891,562,800
				NW	15	17	49				Sod Farm
			NW N2	SE SW							
			TOTAL					595.40	250.00	322.27	
82740	Permit	Rockview Dairies, Inc.		E2	4	17	49	95.00	95.00		S/N 09-03914-08
82741	Permit			All	9	17	49	34.00	0.00		08-07-18 - 1,066,981 * 0.001
82743	Permit			All	10	17	49	6.00	0.00		New Meter
84298	Permit			NW	15	17	49	343.60	0.00		Monster Well
84299	Permit		NW	SE				0.13	0.00		2018 Pumpage = 2017 Pumpage
84303	Permit		N2	SW				25.00	0.00		
			TOTAL					503.73	95.00	466.68	

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE				ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R			
82747	Permit	Rockview Dairies, Inc.		E2	4	17	49	50.00	50.00	S/N 13-08440-08
82748	Permit			All	9	17	49	345.40	50.00	08-17-17 - 547,968,200
82749	Permit			All	10	17	49	790.00	0.00	08-07-18 - 806,709,900
84282	Permit			NW	15	17	49	111.00	25.00	Champion
			NW	SE						
			N2	SW						
			TOTAL					1296.40	125.00	816.42
82750	Permit	Rockview Dairies		E2	4	17	49	431.03	COM	S/N 14-15467
82752	Permit			All	9	17	49			08-17-17 - 127,151,900
82753	Permit			All	10	17	49			08-07-18 - 203,675,600
82754	Permit			NW	15	17	49			Barn I - Scale House
82757	Permit		NW	SE						S/N 12-07200-04
82760	Permit		N2	SW						08-07-18 - 3,980,300
82761	Permit		SW	SW						New Meter (installed 06-05-18)
82762	Permit									Vet's House
84287	Permit									TCD for both wells is 1196.46 AFA 2018 Pumpage = 2017 Pumpage
82756	Permit	Rockview Farms		E2	4	17	49	10.00	COM	S/N 14-16112-10
84288	Permit			All	9	17	49	59.83		08-17-17 - 678,489,000
84289	Permit			All	10	17	49	264.00		08-07-18 - 862,127,000
84291	Permit			NW	15	17	49	2.50		Fatman Well
84292	Permit		NW	SE				15.00		TCD 651.88 AFA
84293	Permit		N2	SW				10.00		
84294	Permit		SW	SW				89.50		Permit No. 84288 is diversion rate only
84295	Permit							0.04		
84296	Permit							40.00		Permit No. 84306 is for Irrigation
84297	Permit							7.50		
84304	Permit							100.00		
84305	Permit							18.20		
84306	Permit							4.80	4.80	24.00 Issue full duty for QM Permit
83588	Permit	Lynn	SE	SW	2	18	49	3.36	QM	7.47 S/N 14-013845 08-20-17 - 1,095,252 09-13-18 - 3,689,280
84123	Permit	Valley Electric	NW	NW	19	16	49	1.00	COM	0.13 S/N 78915861 09-07-17 - 364,040

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE				ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS	
			QQ	Qtr	Sec	T R					
										09-21-18 - 538,230	
84290	Permit	Rockview Dairies, Inc.	E2		4 9 10 NW NW NE SW NW	17 15 15 15 15 15 15	49	50.00	COM	124.02	S/N 07-02072-08 (old meter) 08-17-17 - 41,963,700 05-31-18 - 49,963,700 S/N 17-09526-08 (new meter) 06-05-18 - 0 08-07-18 - 32,412,200 Honig well Well only pumped in April, June and July
84300	Permit	Rockview Dairies	SW	NE	7	17	49	6.00	QM	1.50	S/N 18-07126-02 08-07-18 - 951 * 0.0001 New meter
84301	Permit	Rockview Farms	SW	NW	15	17	49	5.08	QM	11.18	S/N 65404180
84302	Permit							5.08	QM		08-17-17 - 42,962,200 08-07-18 - 45,050,000 G Ranch Domestic 15-16 Mobile homes
84307	Permit	Rockview Dairies	NE	NW	10	16	48	28.40	28.40	543.08	S/N 13-01031-08
84308			SE	NW				28.40	28.40		08-17-17 - 329,079,300
			TOTAL					56.80	56.80		08-07-18 - 501,192,800
84818	Permit	Rockview Farms	E2		4	17	49	345.00	0.00	307.90	S/N 13-00457-08
84819	Permit				9			250.00	125.60		08-17-17 - 402,166,400
					10						08-07-18 - 499,747,200
				NW	15						Windjammer Irrigation
			NW	SE	15						
			NE	SW	15						
			SW	SW	15						
			NW	SW	15			595.00	125.60		
86118	Permit	Allied Building Materials	LT	01	35	16	48	10.00	MM	5.00	S/N 66704708
86119	Permit		LT	08				10.00			09-25-17 - No meter 09-28-18 - 550,447,500 Issue partial credit. TCD 20 acre-feet

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2018

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
86213	Permit	Gehring	NE	NW	33	16	49	14.60	14.60		S/N 11-015744
86303	Permit		SE	NW				<u>160.00</u>	<u>128.00</u>		09-07-17 - 89,702,000
86304	Permit							174.60	142.60	76.84	09-21-18 - 115,701,000
86349	Permit	Rockview Farms	E2		4	17	49	125.60	125.60		S/N 16-08534-10
86350	Permit				9			0.00	0.00		08-17-17 -213,028,000
					10			0.00	0.00		08-07-18 -593,455,000
				NW	15			0.00	0.00		
			NW	SE	15			0.00	0.00		
			NE	SW	15			0.00	0.00		
			SW	SW	15			0.00	0.00		
			NW	SW	15			<u>0.00</u>	<u>0.00</u>		
			TOTAL					125.60	125.60	1200.37	
87406	Permit	Crystal 40, LLC	NW	SW	8	17	52	2.00	COM	1.50	S/N 81849907
			SW	SW							09-26-18 - 448,730 New meter Readings submitted by Crystal 40, LLC
87641T	Permit	Nye County	NW	SW	10	16	48	17.24	QM	0.00	Well Visible. No meter

TOTAL 16,864.36

Permitted Rights

Verified with field notes

**APPENDIX B. AMARGOSA DESERT 2018 GROUNDWATER PUMPAGE FIELD
NOTES**

2018

Amargosa Valley
No. 230

Inventory Field Notes

Compiled by:
Tracy Geter

State of Nevada
Division of Water Resources
Southern Nevada Branch Office

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 13574

WELL: YES X NO

METER SER NO:

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES NO

METER READ:

PHOTO: YES NO X

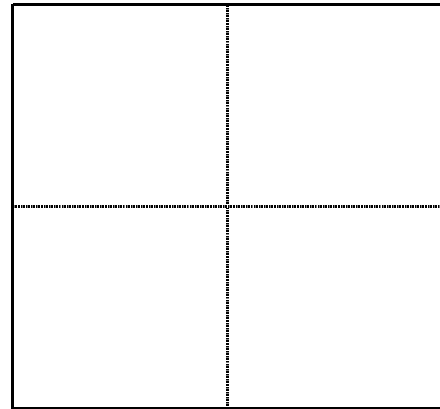
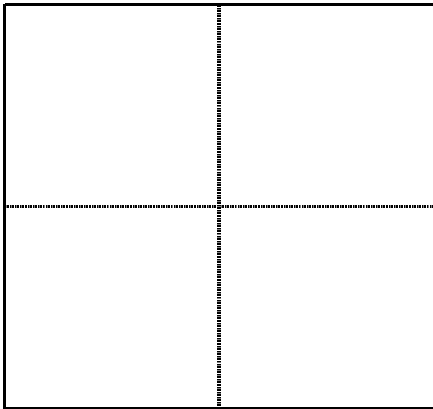
ACRES IRR:

BENEFICIAL USE: YES NO X PORTION ALL TYPE

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 1/4 SEC



REMARKS: Rhyolite depot vacant. Building has been removed.

Chain link fence with earth berm is surrounding the place of use.

SIGNATURE: 

DATE: 8/8/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 14054

WELL: YES X NO

METER SER NO: _____

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES _____ NO _____

MOTOR TYPE: _____

METER: YES _____ NO X

METER READ: _____

PHOTO: YES X NO

ACRES IRR: 0.0

BENEFICIAL USE: YES NO **X** PORTION ALL TYPE

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

_____ 1/4 _____ 1/4 SEC _____

 1/4 **NE** 1/4 SEC **12**

A diagram of a square divided into four quadrants by a horizontal and a vertical dashed line. An arrow points to the right side of the square with the label "Photo".

REMARKS: _____

More regrowth SE NE, desert brush NE NE stand pipe on well

no apparent use. Welded cap on well.

SIGNATURE: 

DATE: **9/28/2018**

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 14059 and 64457

WELL: YES X NO

METER SER NO: 03-04508-10

PUMP: YES X NO

PUMP TYPE: Straight Shaft

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES X NO

METER READ: 162,699,000

PHOTO: YES NO X

ACRES IRR: 125.6

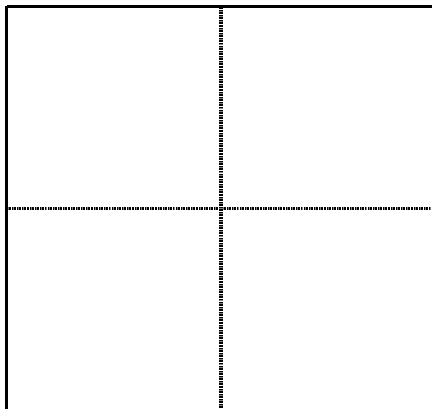
BENEFICIAL USE: YES X NO

PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

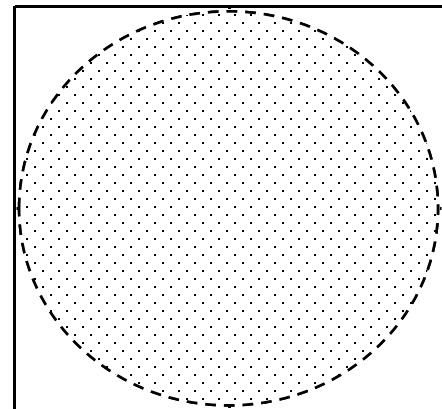
 1/4 SW 1/4 SEC 01



Place of Use



Alfalfa



REMARKS:

08-17-17 - 991,536,000

08-07-18 - 1,162,699,000 = 171,163,000 gallons ≈ 540.08 acre-feet

SIGNATURE: 

DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 15702

WELL: YES X NO

METER SER NO: 16-10550-06

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES NO X

METER READ: 23,779,300

PHOTO: YES NO X

ACRES IRR: 35.0

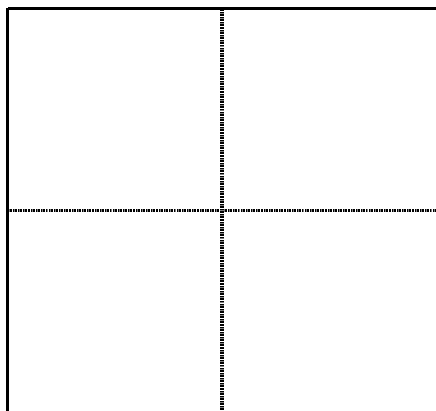
BENEFICIAL USE: YES X NO

PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

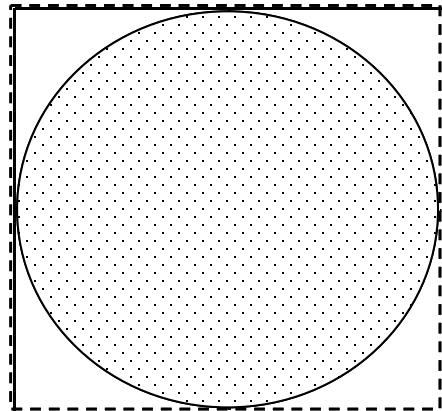
SE 1/4 NE 1/4 SEC 14



Place of Use



Alfalfa



REMARKS:

08-17-17 - 44,365,300 gallons

08-08-18 - 23,779,300 gallons = 250.58 acre-feet annually

SIGNATURE: 

DATE: 8/7/2018

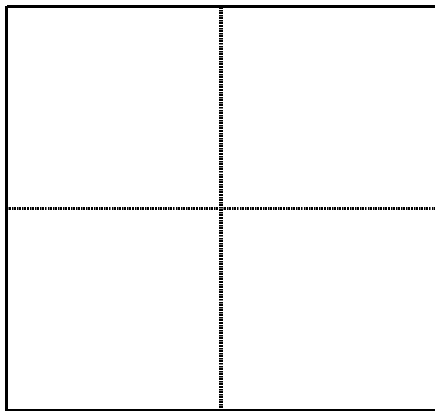
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 15893, 85464 and 85465
 WELL: YES X NO METER SER NO: 08-10898-10
 PUMP: YES X NO PUMP TYPE: Straight Shaft
 MOTOR: YES X NO MOTOR TYPE: Electric
 METER: YES X NO METER READ: 792,070 * 0.001 ac-ft
 PHOTO: YES NO X ACRES IRR: 120.6
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

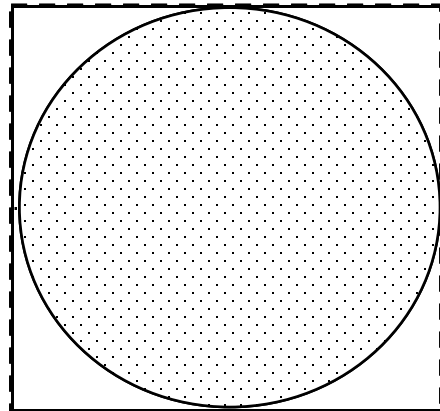
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 NW 1/4 SEC 23



 Place of Use
 Alfalfa



REMARKS: Well No. 1

08-17-17 - 3,196,675 * 0.001 acre-feet

08-07-18 - 3,792,070 * 0.001 acre-feet = 612.17 acre-feet annually

SIGNATURE:  DATE: 8/7/2018

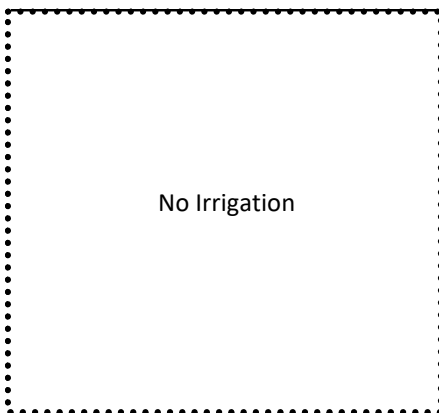
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 16047
 WELL: YES X NO METER SER NO:
 PUMP: YES X NO PUMP TYPE: Straight Shaft
 MOTOR: YES X NO MOTOR TYPE: Electric
 METER: YES NO X METER READ:
 PHOTO: YES NO X ACRES IRR: 2.4
 BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

NE 1/4 SW 1/4 SEC 9

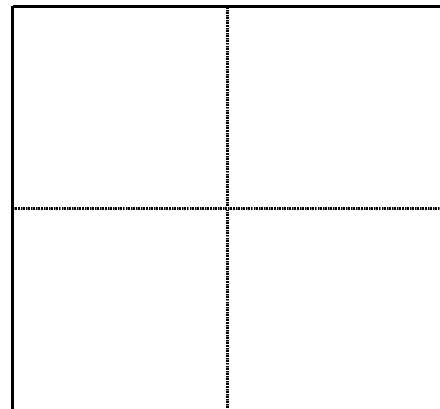
 1/4 1/4 SEC



Alfalfa



Windbreak



REMARKS: Issue credit for windbreak.

Issue 2.5 acre-feet per acre on windbreak = 2.5 ac-feet *2.42 acres = 6.05 acre-feet.

SIGNATURE:  DATE: 9/5/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 16545 and 86140

WELL: YES X NO METER SER NO: 14-019167

PUMP: YES X NO PUMP TYPE: Submersible

MOTOR: YES NO MOTOR TYPE:

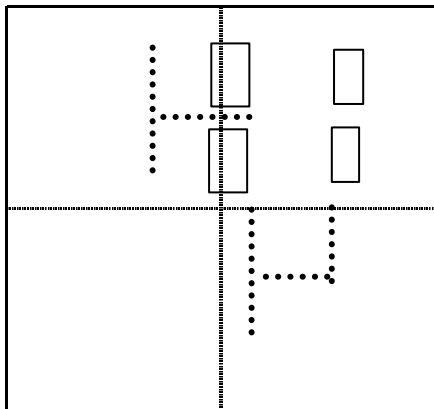
METER: YES NO X METER READ: 25,195,000

PHOTO: YES NO X ACRES IRR: 1.0

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

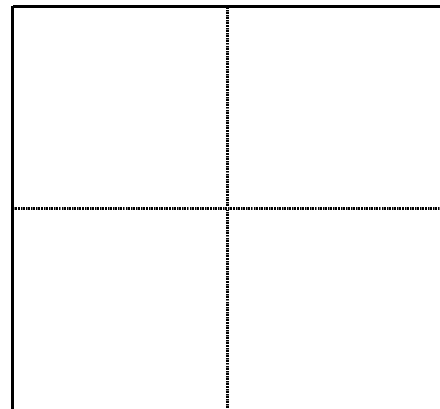
NE 1/4 NE 1/4 SEC 28 1/4 1/4 SEC



 Place of Use

 Windbreak

 Buildings



REMARKS: Issue one acre for windbreak

09-12-17 - 12,764,000

09-21-18 - 25,195,000 = 12,431,000 gallons $\approx$ 37.23 acre-feet annually

Permit No. 86140 is for QM use.

SIGNATURE:  DATE: 9/21/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 16562

WELL: YES X NO METER SER NO: 04-02545-10

PUMP: YES X NO PUMP TYPE: Straight Shaft

MOTOR: YES X NO MOTOR TYPE: Electric

METER: YES X NO METER READ: 29,007,000

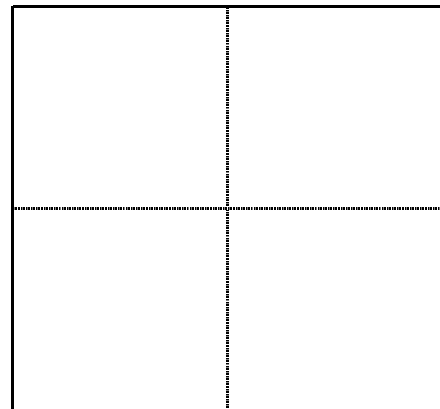
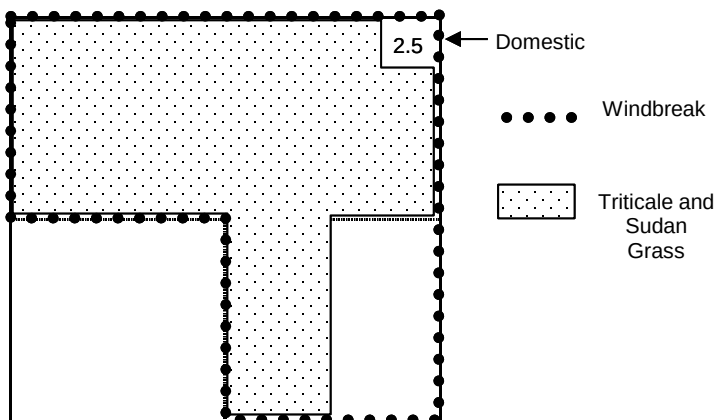
PHOTO: YES NO X ACRES IRR: 97.55

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 NE 1/4 SEC 16

 1/4 1/4 SEC



REMARKS: Pumpage includes Permit No. 70142.

08-17-17 - 29,007,000

08-07-18 - 29,007,000 gallons $\approx$ 0 = 0 acre-feet annually

Issue full duty. NIWR pumpage is greater than duty. Wheel line sprinklers.

SIGNATURE:

DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 17404

WELL: YES X NO METER SER NO: 01-07834-8

PUMP: YES X NO PUMP TYPE: Straight Shaft

MOTOR: YES X NO MOTOR TYPE: Electric

METER: YES X NO METER READ: 599,662 * 0.001 ac-ft

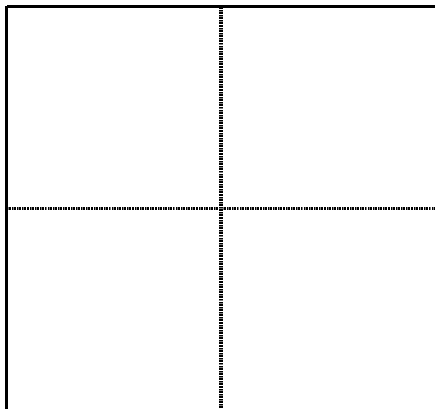
PHOTO: YES NO X ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 SW 1/4 SEC 25



 Place of Use

 Alfalfa



REMARKS:

08-17-17 - 599,662 * 0.001 ac-ft $\approx$ 0 acre-feet annually

08-07-18 - 599,662 * 0.001 ac-ft $\approx$ 0 acre-feet annually

SIGNATURE:  DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 17657A01

WELL: YES X NO

METER SER NO:

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES NO X

METER READ:

PHOTO: YES NO X

ACRES IRR: 1.75

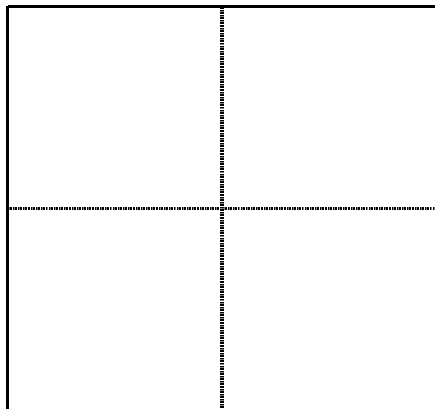
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 NW 1/4 SEC 15



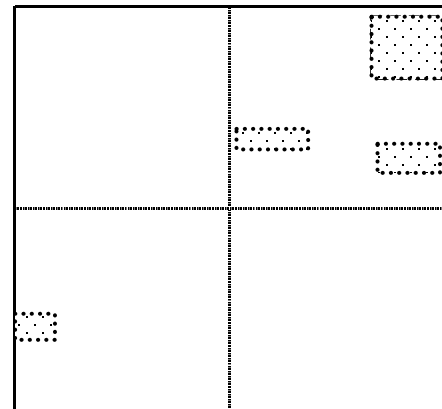
Place of Use



Turf Grass,
Garden and
Fruit Trees



Windbreak



REMARKS: Home, lawn and windbreak

Use NIWR for Turf Grass, Sprinklers

1.75 acre* 5.3 feet/0.75 = 12.37 acre-feet

For APNs: 019-551-01, 21, 34, 44 and 46

SIGNATURE: 

DATE: 8/17/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: **18222**

WELL: YES X NO

METER SER NO: _____

PUMP: YES X NO

PUMP TYPE: **Straight Shaft**

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES _____ NO **X**

METER READ: _____

PHOTO: YES _____ NO **X**

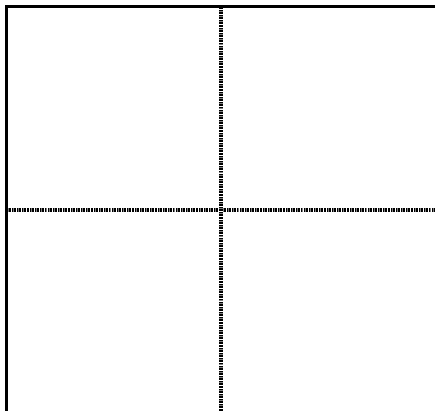
ACRES IRR: **268.5**

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

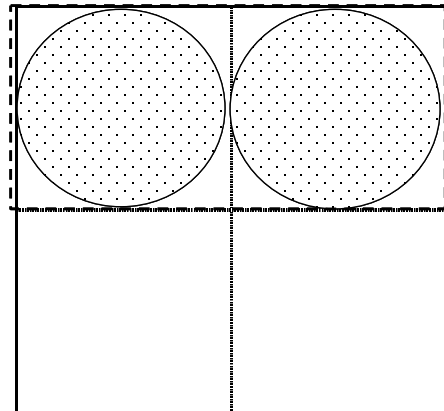
1/4 1/4 SEC

1/4 1/4 SEC **30**



Place of Use

Alfalfa



REMARKS: _____

NIWR pumpage is greater than duty. Issue full duty.

SIGNATURE: 

DATE: **9/21/2018**

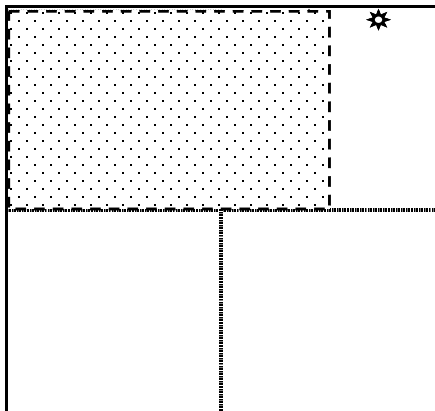
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 18764
 WELL: YES X NO METER SER NO: 06-06192-06
 PUMP: YES X NO PUMP TYPE: Straight Shaft
 MOTOR: YES X NO MOTOR TYPE:
 METER: YES X NO METER READ: 68,996,300
 PHOTO: YES NO X ACRES IRR: 14.8
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

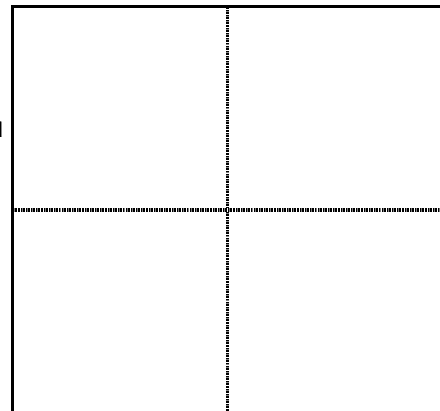
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

NE 1/4 NE 1/4 SEC 8

 1/4 1/4 SEC



[Dashed Box] Place of Use
 [Dotted Box] Highly Managed Pasture Grass
 * Well



REMARKS:

08-29-17 - 515,327,400

08-31-18 - 568,996,300 = 53,668,900 gallons ≈ 163.81 acre-feet annually

SIGNATURE:  DATE: 8/31/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 18772

WELL: YES X NO

METER SER NO:

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ:

PHOTO: YES NO X

ACRES IRR: 2.0

BENEFICIAL USE: YES X NO

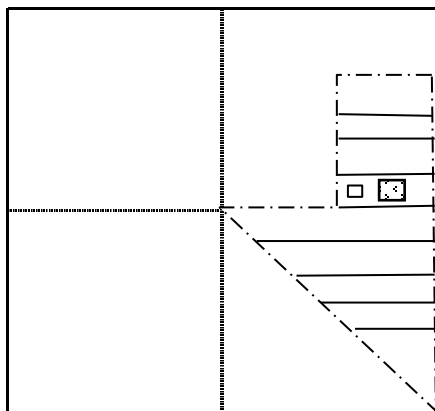
PORTION X ALL

TYPE Irrigation

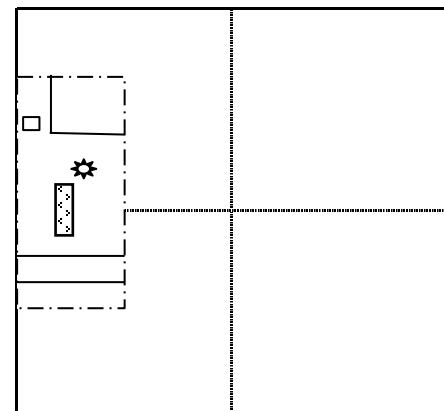
IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC 19

 1/4 1/4 SEC 20



-  Original Place of Use
-  Trees and garden
-  Residential Home
-  Permitted Well



REMARKS: Nine (9) parcels within the original place of use have domestic wells.

Permit serves the following APNs: 019-071-11 and 019-071-24.

Issue two (2) parcels for domestic use $2 * 0.5 \text{ ac-ft} = 1.0 \text{ acre-foot annually}$.

Use NIWR for Turf Grass, Sprinklers: $2.0 \text{ acres} * 5.3 \text{ feet}/0.75 = 14.33 \text{ ac-ft annually}$

SIGNATURE: 

DATE: 8/31/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 19034 & 21584

WELL: YES X NO

METER SER NO: 30448853

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES NO X

METER READ:

PHOTO: YES X NO

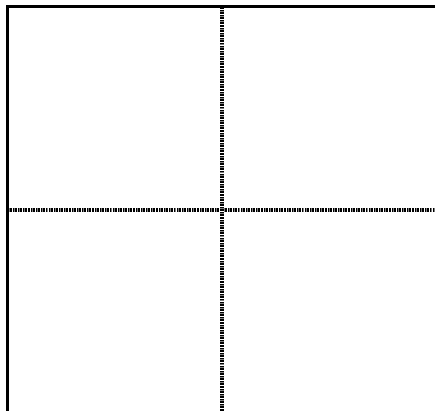
ACRES IRR: 0.51

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

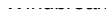
 1/4 1/4 SEC

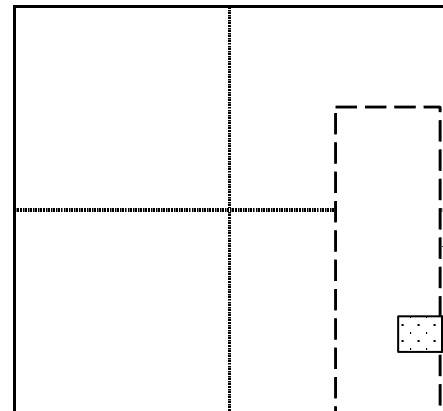
 1/4 1/4 SEC 8



 Place of Use

 Windbreak





Photo

REMARKS: Domestic use, sparse windbreak. Power meter reading : 61,904

One trailer, approximately five living trees on the property.

Use NIWR for Turf Grass, Wheel Line

0.51 acres*5.3 feet/0.75 = 3.60 acre-feet

SIGNATURE: 

DATE: 9/21/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 19448

WELL: YES X NO

METER SER NO: 96-04661-04

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 88,959,800

PHOTO: YES NO X

ACRES IRR: 36.6

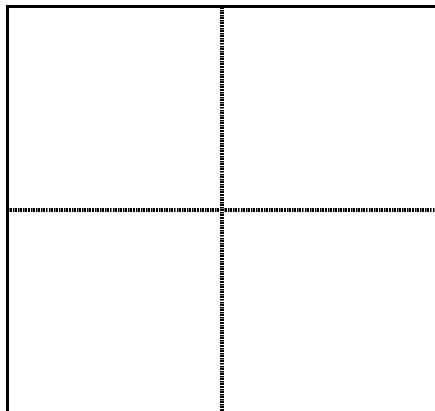
BENEFICIAL USE: YES X NO

PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

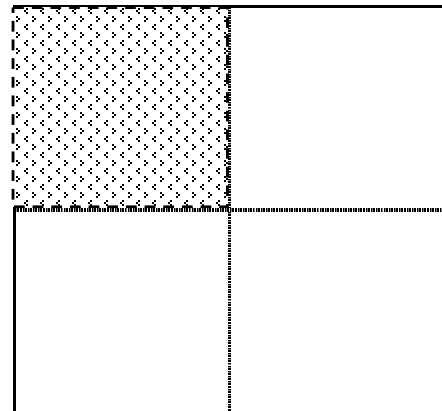
NW 1/4 NW 1/4 SEC 7



Place of Use



Pistachio Trees



REMARKS: Pistachio trees, some grass, sprinklers.

08-29-17 - 234,759,900 gallons

08-31-18 - 288,959,800 gallons = 54,199,900 gallons ≈ 165.43 acre-feet.

SIGNATURE: 

DATE: 8/31/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 19916

WELL: YES X NO

METER SER NO: 9042606

PUMP: YES X NO

PUMP TYPE: Straight Shaft

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES NO X

METER READ:

PHOTO: YES NO X

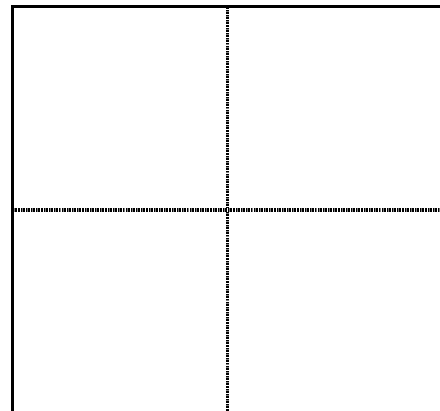
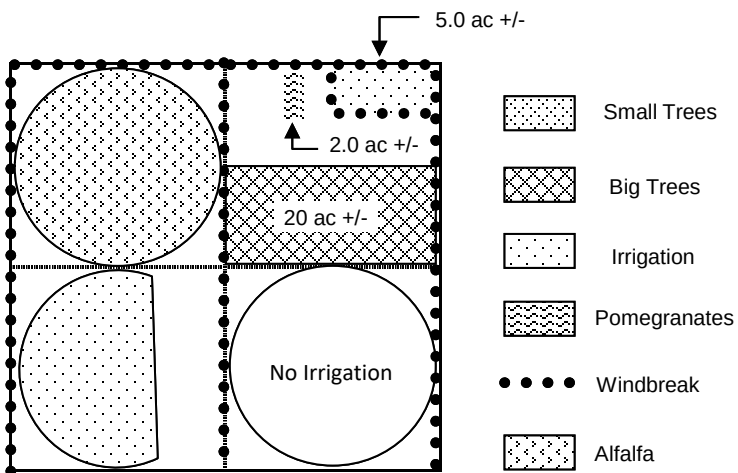
ACRES IRR: 88.25

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 NE 1/4 SEC 24

 1/4 1/4 SEC



REMARKS: Meter reading from power meter: 82,193

Use NIWR for LM Pasture Grass, Sprinklers

88.25 acres*3.6 feet/0.75 = 423.60 acre-feet

SIGNATURE:

DATE: 9/27/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 19917 and 22761

WELL: YES X NO

METER SER NO: 72 068 902

PUMP: YES X NO

PUMP TYPE: Straight Shaft

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES NO X

METER READ:

PHOTO: YES NO X

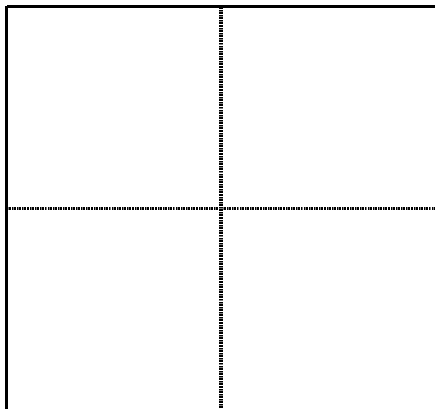
ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

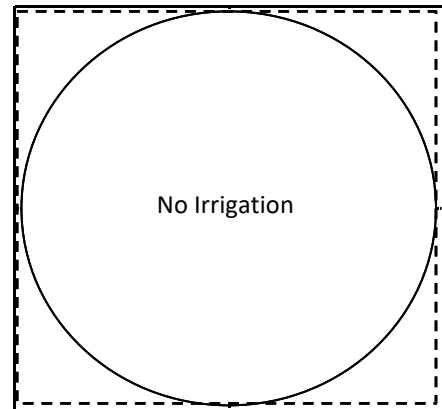
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 SE 1/4 SEC 24



Place of Use



REMARKS: New power meter

Meter reading for power meter: 13,806

Use NIWR for Alfalfa with Pivot

125.0 acres*5.3 feet/0.85 = 779.41 acre-feet

SIGNATURE: 

DATE: 9/27/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 20162

WELL: YES X NO METER SER NO: 01-01385-4

PUMP: YES X NO PUMP TYPE: Straight Shaft

MOTOR: YES X NO MOTOR TYPE: Cat Diesel

METER: YES X NO METER READ: 11,265,700

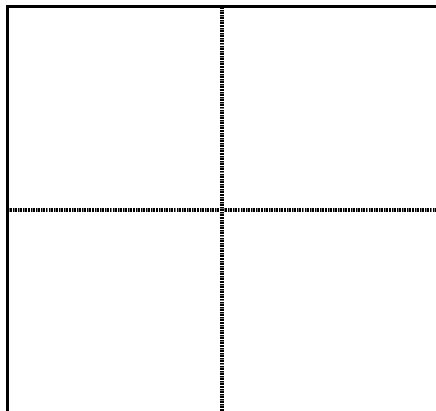
PHOTO: YES X NO ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

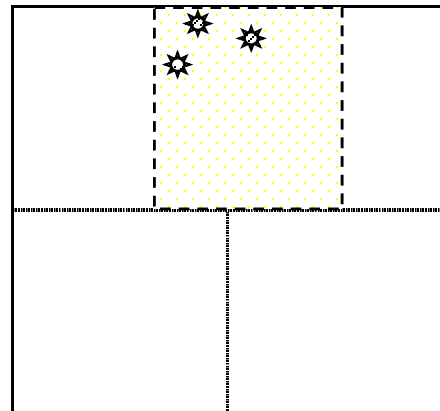
 1/4 1/4 SEC 35



 Place of Use

 Alfalfa

 Wells



REMARKS: Three wells located on the property (one domestic for home)

09-12-17 - 111,265,700

09-25-18 - 111,265,700 = 0 gallons ≈ 0 acre-feet annually

Include diversion rate total from Permit No. 81510 for 0 ac-ft.

SIGNATURE:  DATE: 9/25/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 20352

WELL: YES X NO

METER SER NO:

PUMP: YES X NO

PUMP TYPE:

MOTOR: YES X NO

MOTOR TYPE:

METER: YES NO X

METER READ:

PHOTO: YES X NO

ACRES IRR: 2.00

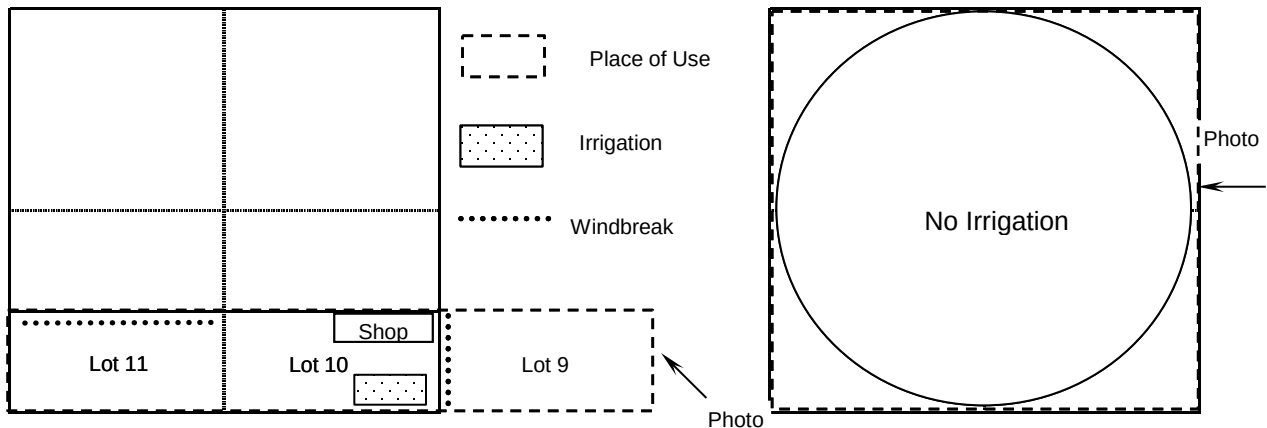
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC 36

 1/4 NW 1/4 SEC 1



REMARKS: Issue 2 acres for windbreak and area on lot 10.

Use NIWR for HM Pasture Grass 2.0 acres*4.5 feet/0.75 = 12 acre-feet

SIGNATURE: 

DATE: 9/29/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 22233

WELL: YES X NO

METER SER NO:

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO X

MOTOR TYPE:

METER: YES NO X

METER READ:

PHOTO: YES NO X

ACRES IRR: 4.5

BENEFICIAL USE: YES X NO

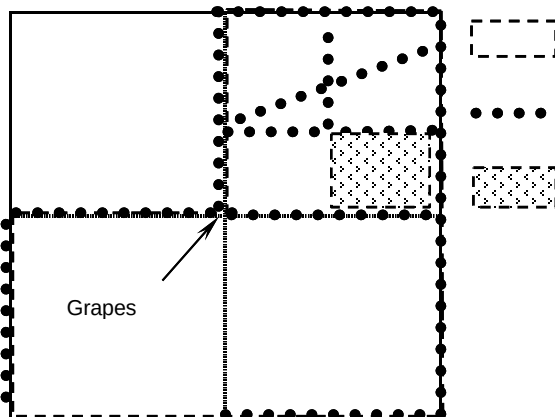
PORTION X ALL

TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

NE 1/4 NE 1/4 SEC 36

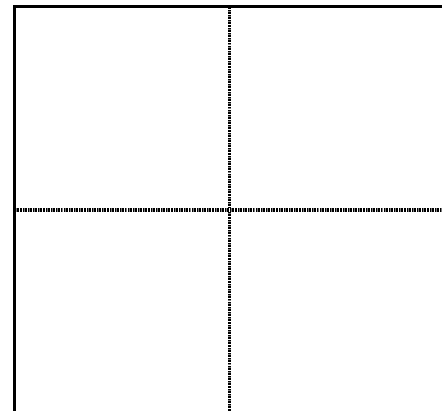
 1/4 1/4 SEC



Place of Use

Windbreak

Grapes



REMARKS: Windbreak, fruit trees, grapes, trees and Oleanders

Use NIWR for Highly Managed (HM) Pasture Grass, Sprinklers

4.5 acres*4.5 feet/0.75 = 27.00 acre-feet

SIGNATURE: 

DATE: 9/29/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 22746

WELL: YES X NO

METER SER NO: _____

PUMP: YES X NO

PUMP TYPE: **Straight Shaft**

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES _____ NO X

METER READ: _____

PHOTO: YES _____ NO X

ACRES IRR: 125.0

BENEFICIAL USE: YES X NO

PORION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

_____ 1/4 _____ 1/4 SEC _____

 1/4 **SE** 1/4 SEC **19**

Place of Use

 Alfa

REMARKS: _____

Issue 5 acre-feet per acre irrigated. NIWR pumpage greater than duty.

SIGNATURE: 

DATE: **9/26/2018**

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: **24585 and 64997**

WELL: YES X NO

METER SER NO: _____

PUMP: YES **X** NO

PUMP TYPE: **Straight Shaft**

MOTOR: YES _____ NO _____

MOTOR TYPE: _____

METER: YES NO **X**

METER READ:

PHOTO: YES **X** NO

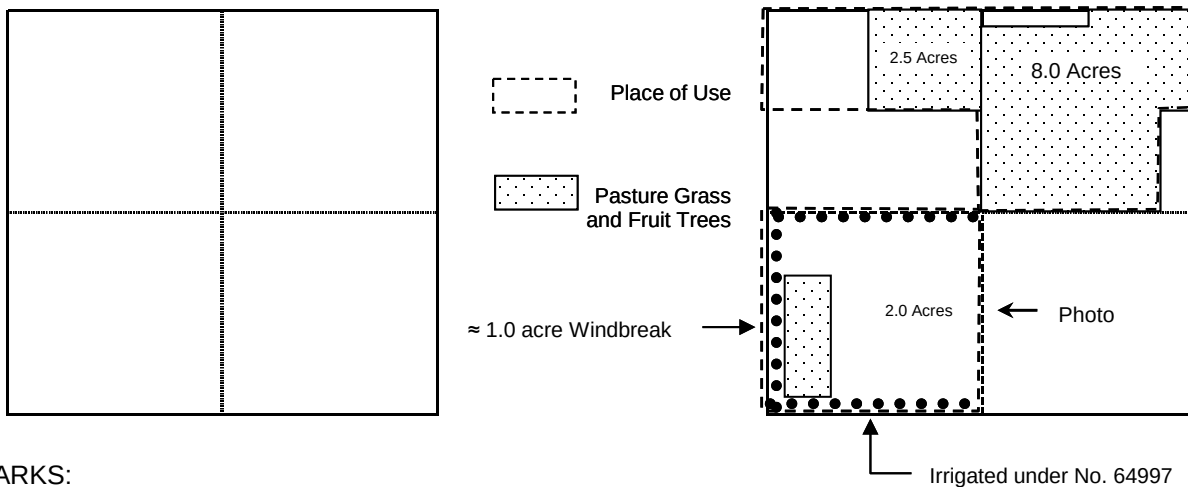
ACRES IRR: **13.5**

BENEFICIAL USE: YES **X** NO PORTION **X** ALL TYPE **Irrigation**

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

1/4 1/4 SEC

SE 1/4 SW 1/4 SEC 9



REMARKS: _____ Irrigated under No. 64997

See sheet under No. 64997 for SW4 SE4 SW4 meter information

Use NIWR for HM Pasture Grass, Sprinklers

13.50 acres*4.5 feet/0.75 = 81.00 acre-feet

SIGNATURE: 

DATE: **9/5/2018**

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 24725

WELL: YES X NO

METER SER NO: 16-14992-10

PUMP: YES X NO

PUMP TYPE: Straight Shaft

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES NO X

METER READ: 441,318,000

PHOTO: YES NO X

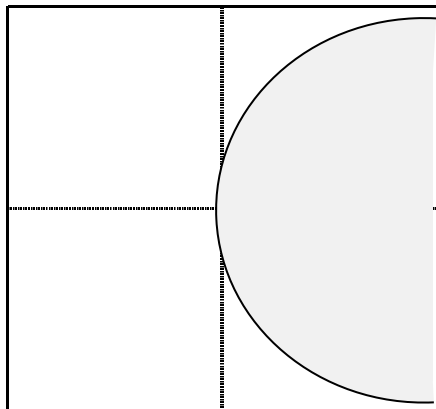
ACRES IRR: 125.00

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 NW 1/4 SEC 18

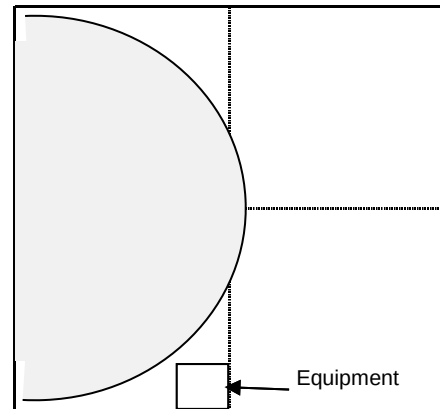
 1/4 NE 1/4 SEC 18



• • • • Windbreak



Triticale and Sorghum



REMARKS: New Meter

07-17-17 - 152,493,000 gallons

08-07-18 - 441,318,000 gallons = 288,825,0900 gallons ≈ 838.15 acre-feet.

SIGNATURE: 

DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: **24763**

WELL: YES X NO

METER SER NO: _____

PUMP: YES **X** NO

PUMP TYPE: **Straight Shaft**

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES _____ NO **X**

METER READ: _____

PHOTO: YES **X** NO

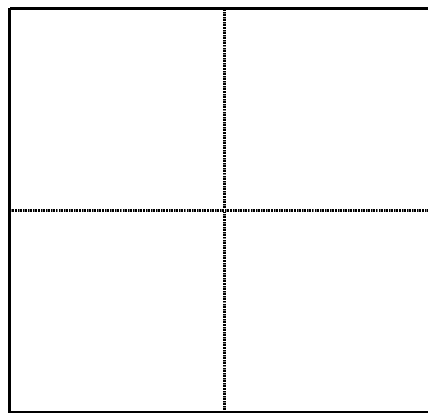
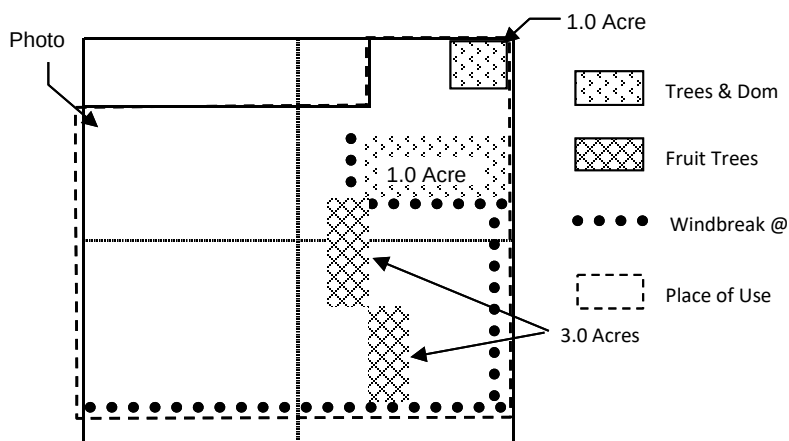
ACRES IRR: 6.0

BENEFICIAL USE: YES **X** NO PORTION **X** ALL TYPE **Irrigation**

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

NE 1/4 NE 1/4 SEC 8

1/4 1/4 SEC



REMARKS: _____

Windbreak, numerous fruit trees and shade trees around and within place of use

Use NIWR for HM Pasture Grass, Sprinklers

$$6.0 \text{ acres} \times 3.6 \text{ feet} / 0.75 = 28.80 \text{ acre-feet}$$

SIGNATURE: 

DATE: **9/5/2018**

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 25743

WELL: YES X NO METER SER NO: 8941222

PUMP: YES X NO PUMP TYPE: Submersible

MOTOR: YES NO MOTOR TYPE:

METER: YES X NO METER READ: 37,177,100

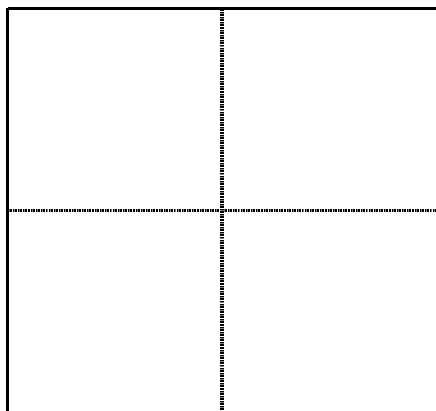
PHOTO: YES NO X ACRES IRR: 1.0

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

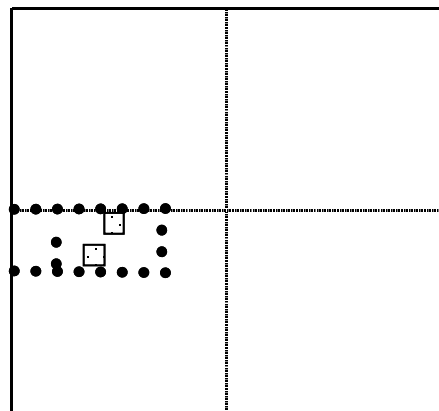
NW 1/4 SW 1/4 SEC 10



 Place of Use

 Windbreak
(1.0 acre)

 Buildings



REMARKS: Well located behind the concrete shed. Broken Meter

08-31-17 - 37,177,100

09-05-18 - 37,177,100 gallons = 0 acre-feet annually

Use NIWR for HM Pasture Grass, Sprinklers 1.0 acre*4.5 feet/0.75 = 6.0 acre-feet

SIGNATURE: 

DATE: 9/5/2018

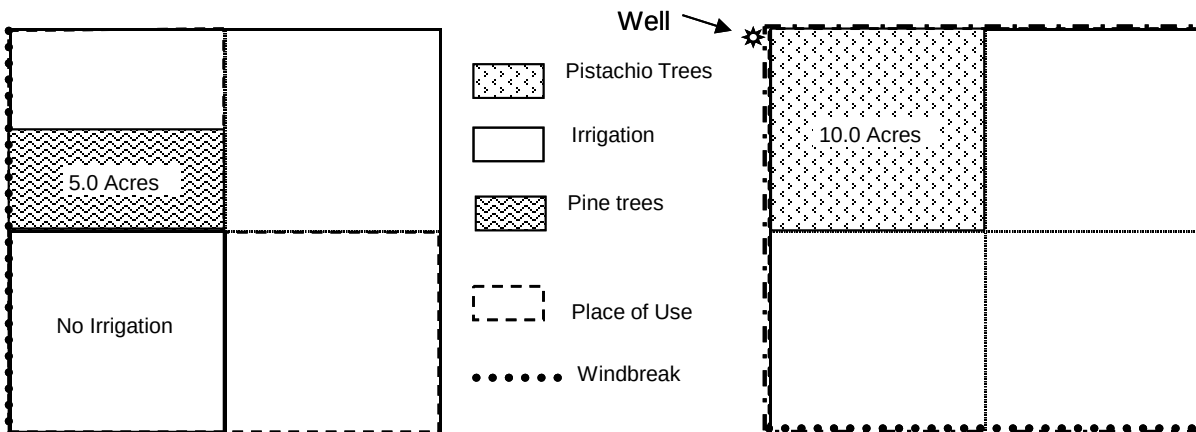
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 26152, 42171 & 52616
 WELL: YES X NO METER SER NO:
 PUMP: YES X NO PUMP TYPE: Straight Shaft
 MOTOR: YES X NO MOTOR TYPE: Electric
 METER: YES NO X METER READ:
 PHOTO: YES X NO ACRES IRR: 16.21
 BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

SW 1/4 SE 1/4 SEC 8

SE 1/4 SE 1/4 SEC 8



REMARKS: 1,000 +/- Pistachio and pine trees

Wind break estimated at $[(1,320' * 2 * 20') / 43,560 \text{ sq-ft/ac}] \approx 1.21 \text{ acres @ } 2.5 \text{ ac-ft/ac}$

Use 2.5 ac-ft/ac irrigated for drip sprinklers = 15.0 acres * 2.50 ac-ft/ac

(3.025 ac-ft + 37.5 ac-ft $\approx$ 40.53 ac-ft.)

SIGNATURE: DATE: 8/31/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 26283

WELL: YES X NO

METER SER NO:

PUMP: YES X NO

PUMP TYPE: Straight Shaft

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES NO X

METER READ:

PHOTO: YES NO X

ACRES IRR: 113.36

BENEFICIAL USE: YES X NO

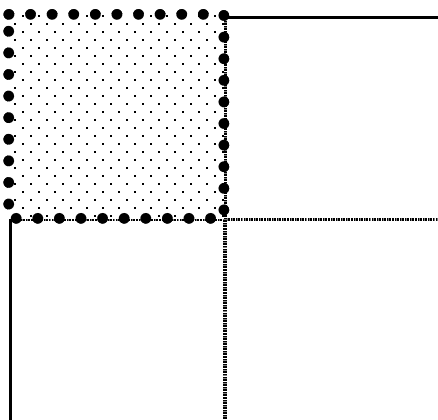
PORTION X ALL

TYPE Irrigation

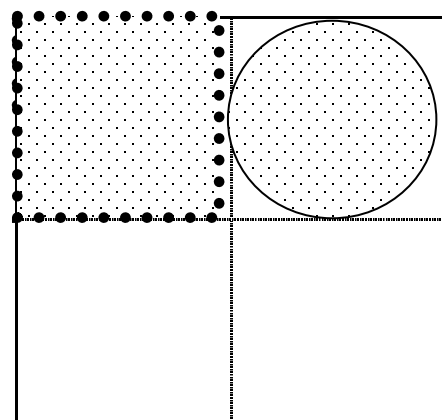
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 NW 1/4 SEC 18

 1/4 SW 1/4 SEC 18



• • • • Windbreak
 Triticale and Sorghum



REMARKS: Domestic use in SE4 SW4

NIWR pumpage is greater than duty. Issue full duty.

SIGNATURE: 

DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 29069

WELL: YES X NO

METER SER NO: _____

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES _____ NO _____

MOTOR TYPE: _____

METER: YES _____ NO X

METER READ: _____

PHOTO: YES _____ NO X

ACRES IRR: 1.5

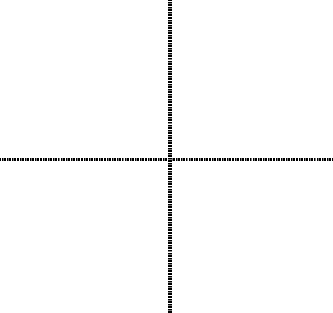
BENEFICIAL USE: YES X NO

PORION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

_____ 1/4 _____ 1/4 SEC _____

NE 1/4 NE 1/4 SEC 8



Place of Use

Highly
Managed
Pasture
Grass and
Trees

REMARKS: _____

Two mobile homes and two storage sheds. Sprinklers have been installed within

the place of use. Approximately 15 trees.

Use NIWR for HM Pasture Grass $1.5 \text{ acres} \times 4.5 \text{ feet} / 0.75 = 9 \text{ acre-feet}$

SIGNATURE:

Frang R

DATE: **9/5/2018**

9/5/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 30411

WELL: YES X NO

METER SER NO: 13-01027-08

PUMP: YES X NO

PUMP TYPE: Straight Shaft

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES X NO

METER READ: 18,649,600

PHOTO: YES X NO

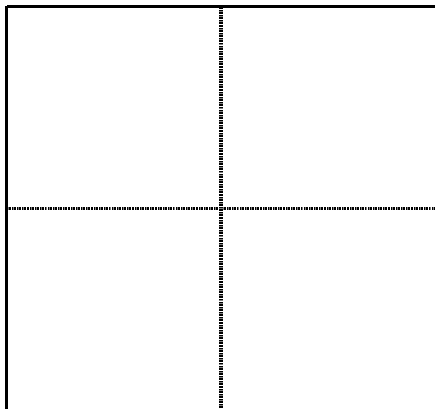
ACRES IRR: 121.29

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

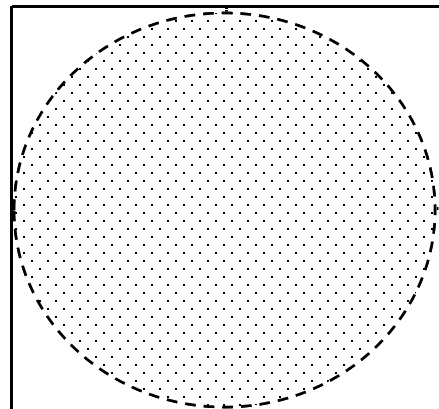
 1/4 SE 1/4 SEC 23



Place of Use



Alfalfa



REMARKS: Well No. 2

08-17-17 - 582,201,500

08-07-18 - 618,649,600 = 36,448,100 gallons ≈ 114.52 acre-feet annually

SIGNATURE: 

DATE: 8/7/2018

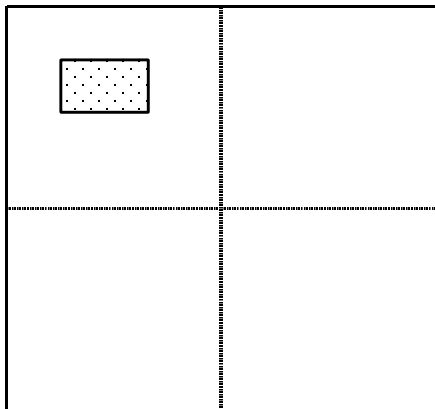
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 36584
 WELL: YES X NO METER SER NO:
 PUMP: YES X NO PUMP TYPE: Submersible
 MOTOR: YES NO MOTOR TYPE:
 METER: YES NO X METER READ:
 PHOTO: YES NO X ACRES IRR: 1.5
 BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

NW 1/4 NW 1/4 SEC 15

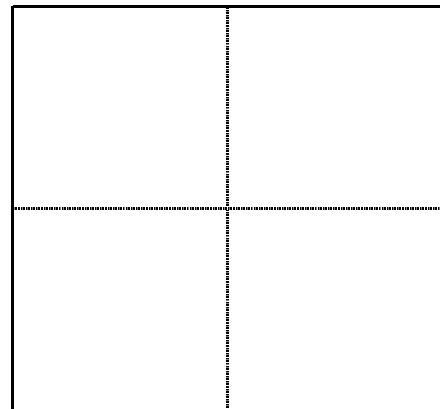
 1/4 1/4 SEC



Place of



Highly
Managed
Pasture
Grass and
Trees



REMARKS: Home, mobile home, fruit trees, lawn and windbreak.

08-13-15 - No meter

08-05-16 - No meter

Use NIWR for HM Pasture Grass, Sprinklers 1.50 acres*4.5 feet/0.75 = 9 acre-feet

SIGNATURE: 

DATE: 8/17/2018

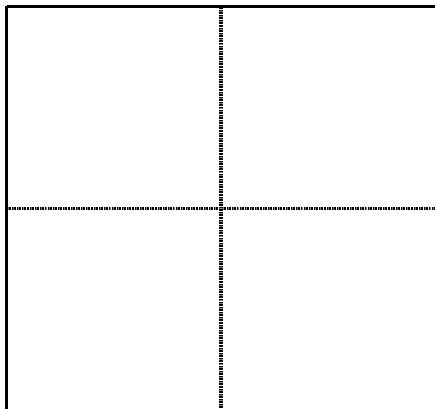
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 38127
 WELL: YES X NO METER SER NO: 13-01029-08
 PUMP: YES X NO PUMP TYPE: Straight Shaft
 MOTOR: YES X NO MOTOR TYPE: Electric
 METER: YES X NO METER READ: 72,296,800
 PHOTO: YES NO X ACRES IRR: 116.7
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

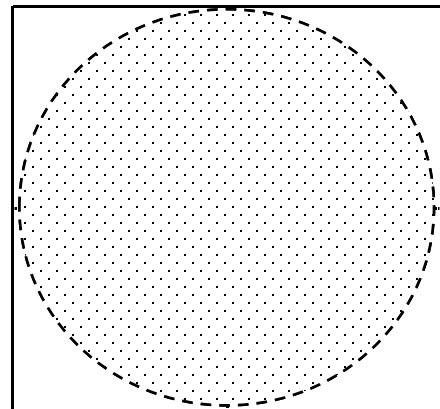
 1/4 NW 1/4 SEC 26



Place of Use



Triticale and
Corn



REMARKS: Well No. 4

08-17-17 - 539,438,200

08-07-18 - 672,296,800 = 132,858,600 gallons ≈ 419.21 acre-feet annually

SIGNATURE:  DATE: 8/7/2018

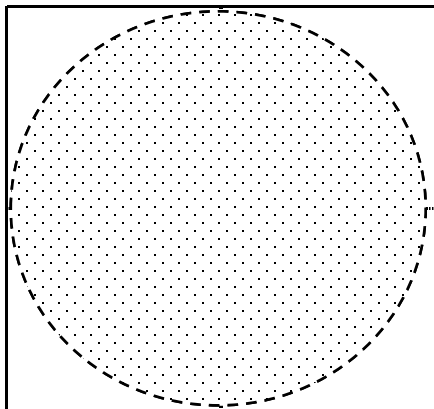
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 38363
 WELL: YES X NO METER SER NO: 06-11074
 PUMP: YES X NO PUMP TYPE: Straight Shaft
 MOTOR: YES X NO MOTOR TYPE: Electric
 METER: YES X NO METER READ: 57,184,700
 PHOTO: YES NO X ACRES IRR: 116.7
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 NE 1/4 SEC 26

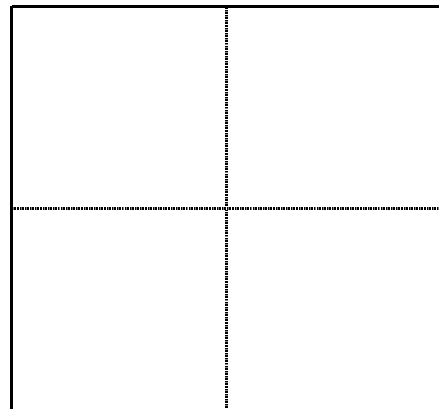
 1/4 1/4 SEC



Place of Use



Alfalfa



REMARKS: Well No. 3

08-17-17 - 34,064,500

08-07-18 - 157,184,700 = 123,120,200 gallons ≈ 388.49 acre-feet annually

SIGNATURE: DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 40954 and 83190

WELL: YES X NO METER SER NO: 139101

PUMP: YES X NO PUMP TYPE: Submersible

MOTOR: YES NO MOTOR TYPE:

METER: YES X NO METER READ: 6,715,430

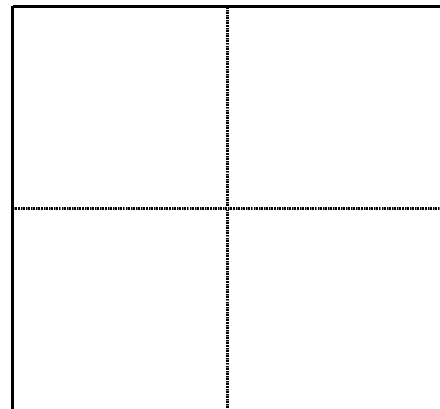
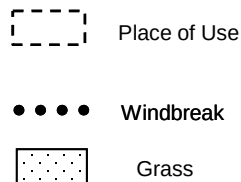
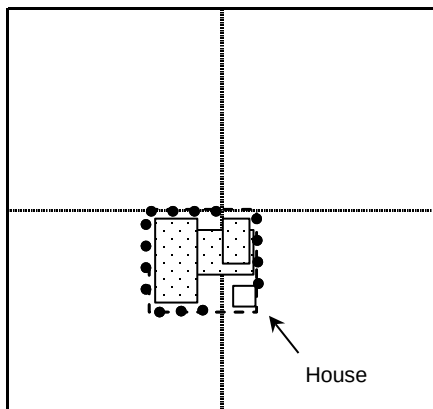
PHOTO: YES NO X ACRES IRR: 6.0

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 SE 1/4 SEC 22

 1/4 1/4 SEC



REMARKS: Two housed, one trailer, one cow and 14 horses

09-29-17 - 6,715,430

09-25-18 - 10,344,720 = 3,629,290 gallons ≈ 11.26 acre-feet annually

SIGNATURE:

Tracy A.

DATE:

9/25/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 43524

WELL: YES X NO

METER SER NO: **14-11872-08**

PUMP: YES X NO

PUMP TYPE: _____

MOTOR: YES _____ NO _____

MOTOR TYPE: _____

METER: YES _____ NO **X**

METER READ: 400,700

PHOTO: YES NO **X**

ACRES IRR: **0.0**

BENEFICIAL USE: YES _____ NO X PORTION _____ ALL _____ TYPE _____

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

1/4 **NE** 1/4 SEC **9**

1/4 **NW** 1/4 SEC **10**

A large square is divided into four equal quadrants by a horizontal dashed line and a vertical dashed line that intersect at the center. The top-left and bottom-right quadrants are shaded gray, while the top-right and bottom-left quadrants are white.

Place of Use

Sorghum, and Triticale

A diagram showing a dashed circle centered within a square frame. The circle is tangent to all four sides of the square.

REMARKS: North well. This water right has been abrogated.

08-20-15 - 400,700 gallons

08-17-17 - Meter Removed. Well is down.

08-07-18 - Meter Removed. Well is down.

SIGNATURE: _____

DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 43873

WELL: YES X NO

METER SER NO: 13-01028-08

PUMP: YES X NO

PUMP TYPE: Straight Shaft

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES X NO

METER READ: 36,886,700

PHOTO: YES X NO

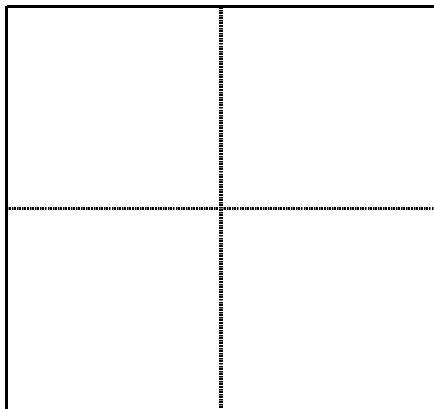
ACRES IRR: 116.67

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

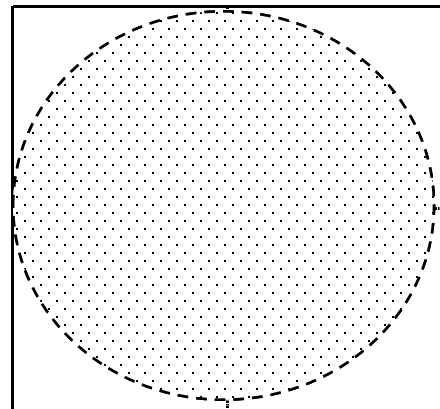
 1/4 NW 1/4 SEC 24



Place of Use



Triticale and
Sorghum



REMARKS: Well No. 7

08-17-17 - 690,888,900

08-07-18 - 736,886,700 = 45,997,800 gallons ≈ 145.14 acre-feet annually

SIGNATURE: 

DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 49885

WELL: YES X NO

METER SER NO: 8781875

PUMP: YES X NO

PUMP TYPE: Straight Shaft

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES X NO

METER READ: 234,458 * 0.001 ac-ft

PHOTO: YES NO X

ACRES IRR: 8.0

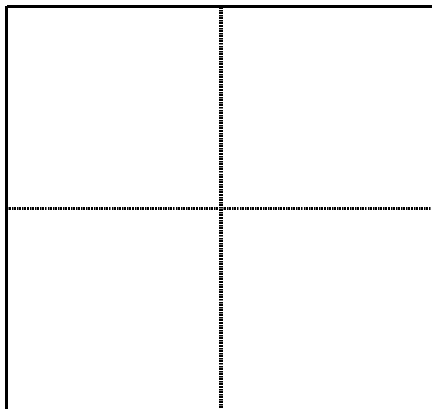
BENEFICIAL USE: YES X NO

PORTION ALL X TYPE Irrigation

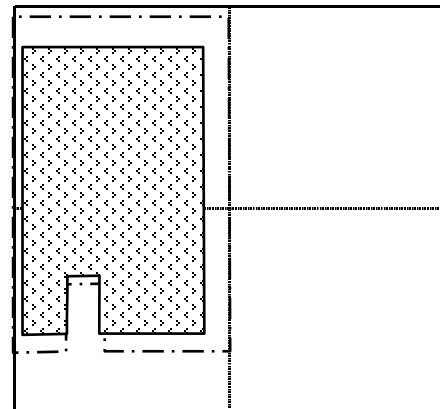
IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

SE 1/4 NW 1/4 SEC 12



 Place of Use
 Alfalfa



REMARKS:

09-25-17 - 1,198,555 * 0.001 ac-ft

09-20-18 - 1,234,458 * 0.001 ac-ft ≈ 36.40 acre-feet annually

SIGNATURE: 

DATE: 9/20/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 57304

WELL: YES X NO

METER SER NO: 07-11403-8

PUMP: YES X NO

PUMP TYPE: Straight Shaft

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES X NO

METER READ: 71,284,500

PHOTO: YES NO X

ACRES IRR: 120.0

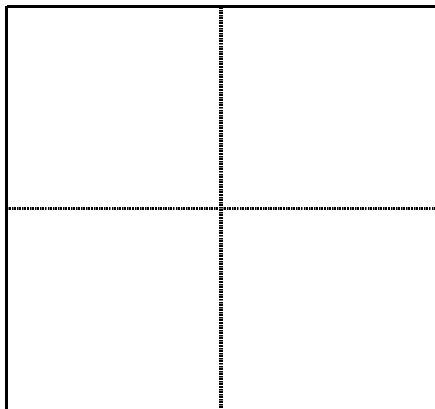
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

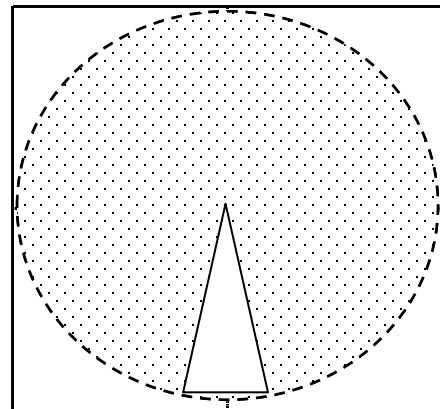
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 NW 1/4 SEC 25



 Place of Use
 Alfalfa



REMARKS: Broken Meter

08-17-17 - 371,284,500

08-07-18 - 371,284,500 gallons $\approx$ 0 gallons = 0 acre-feet annually

Use NIWR for Alfalfa, Pivot is 120.0 acres*5.3 feet/0.85 = 748.24 acre-feet

SIGNATURE: 

DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 60162

WELL: YES X NO

METER SER NO: 64460951

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 17,577,200

PHOTO: YES NO X

ACRES IRR: 1.5

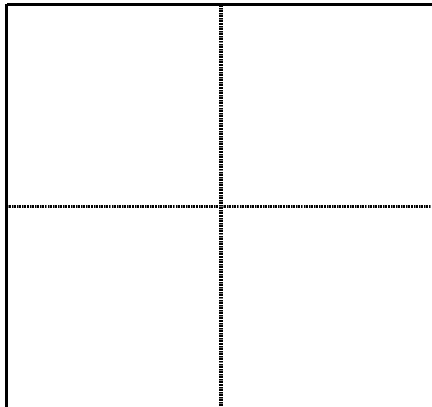
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

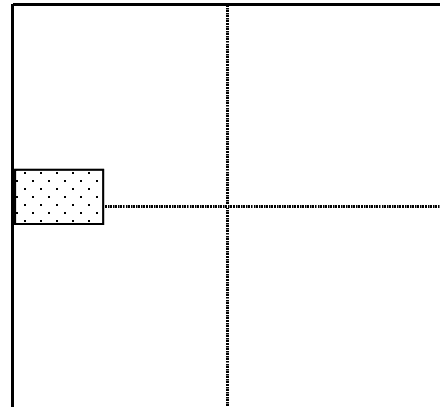
NW 1/4 NW 1/4 SEC 15



• • • • Windbreak



Grass,
Grapes and



REMARKS:

08-31-17 - 17,519,200

08-17-18 - 17,577,200 = 58,000 gallons ≈ 0.19 acre-feet annually

SIGNATURE: 

DATE: 8/17/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 60433

WELL: YES X NO

METER SER NO: 5622115

PUMP: YES X NO

PUMP TYPE:

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 01,829,000

PHOTO: YES NO X

ACRES IRR: 2.0

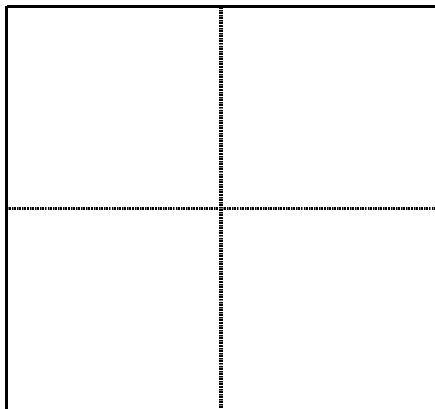
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

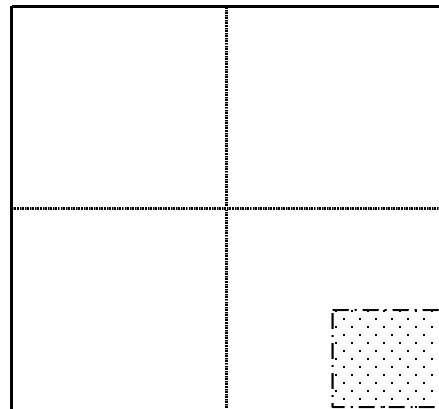
NW 1/4 NW 1/4 SEC 15



Place of Use



Low
Managed
Pasture
Grass



REMARKS: 1 home and 1 mobile home

09-28-17 - 97,514,000

09-29-18 - 101,829,000 = 4,288,000 gallons ≈ 13.12 ac-ft annually

SIGNATURE:

DATE:

9/29/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 60434

WELL: YES X NO

METER SER NO: 5622116

PUMP: YES X NO

PUMP TYPE:

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 90,140,400

PHOTO: YES NO X

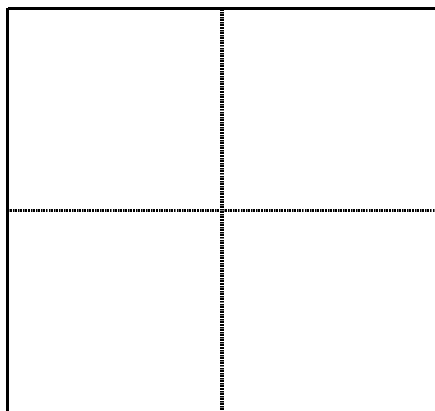
ACRES IRR: 2.0

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

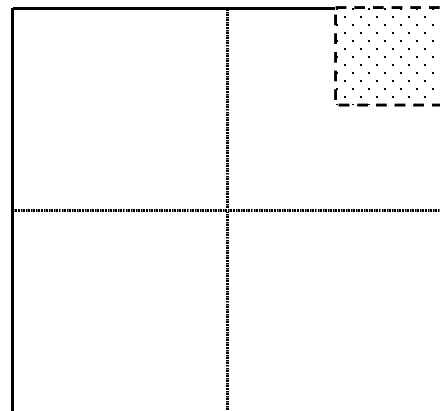
SW 1/4 NW 1/4 SEC 15



Place of Use



Low Managed
Pasture Grass



REMARKS: Lawn, trees, windbreak and pasture.

09-28-17 - 88,829,300

09-29-18 - 90,140,400 = 1,311,100 gallons $\approx$ 4.01 acre-feet annually

SIGNATURE: 

DATE: 9/29/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 60435 and 66065

WELL: YES X NO METER SER NO: 53534338

PUMP: YES X NO PUMP TYPE:

MOTOR: YES NO MOTOR TYPE:

METER: YES X NO METER READ: 5,404,000

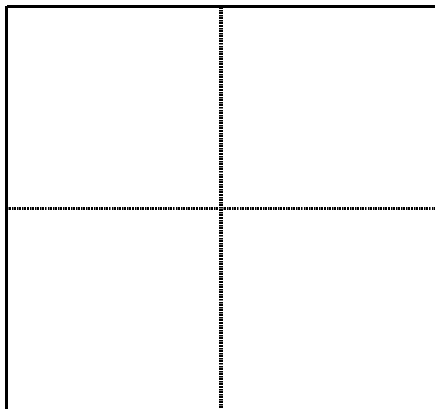
PHOTO: YES NO X ACRES IRR: 0.3

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

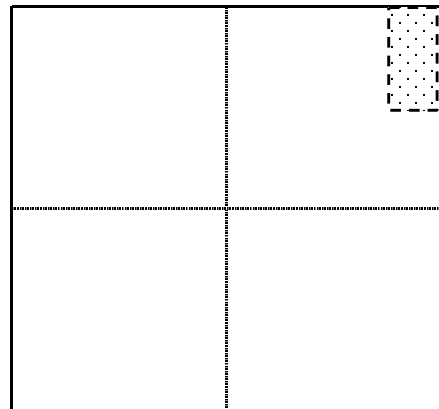
NW 1/4 NW 1/4 SEC 15



Place of Use



Fruit Trees



REMARKS: 1 home, 4 mobile homes, trees and garden. Permit has QM use .

08-31-17 - 5,404,000

08-07-18 - 5,404,000 = 0 gallons $\approx$ 0 acre-feet annually

Use NIWR for Low Managed Pasture Grass, Sprinklers $0.3 \text{ acre} \times 3.6 / 0.75 = 1.80 \text{ acre-feet}$

SIGNATURE: 

DATE: 8/17/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 60439

WELL: YES X NO

METER SER NO: 51953126

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 57,136,900

PHOTO: YES X NO

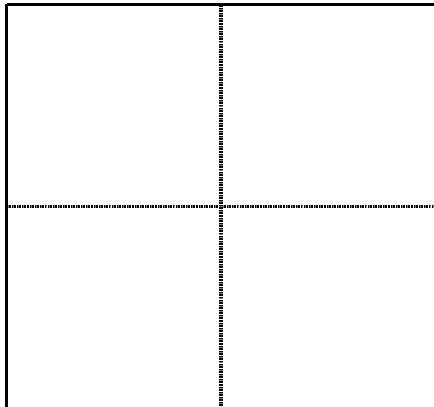
ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

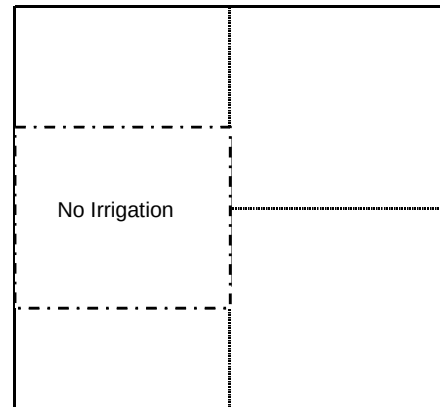
NE 1/4 NW 1/4 SEC 15



Place of Use



Alfalfa



REMARKS: 1 mobile home on property

08-31-17 - 57,136,900

08-17-18 - 57,136,900 = 0 gallons ≈ 0 acre-feet annually

SIGNATURE: 

DATE: 8/17/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 60450

WELL: YES X NO METER SER NO: 51527163

PUMP: YES X NO PUMP TYPE:

MOTOR: YES NO MOTOR TYPE:

METER: YES X NO METER READ: 41,251,400

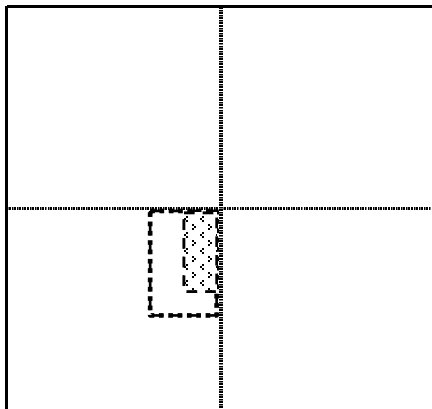
PHOTO: YES NO X ACRES IRR: 1.0

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

NW 1/4 NW 1/4 SEC 15

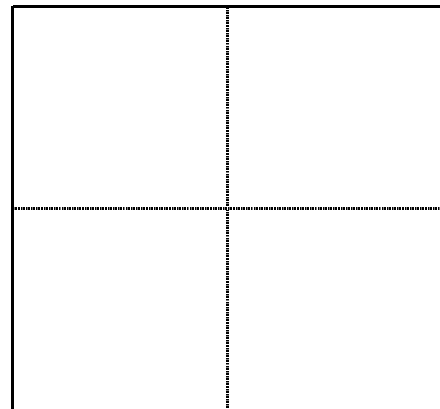
 1/4 1/4 SEC



 Place of Use

 Low Managed Pasture Grass

 Wind Break



REMARKS: 1 mobile home, trailer and windbreak

08-31-17 - 39,935,300

08-17-18 - 41,251,400 = 1,316,100 gallons $\approx$ 4.20 acre-feet annually

SIGNATURE: 

DATE: 8/17/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 60455

WELL: YES X NO

METER SER NO: **97800122**

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES _____ NO _____

MOTOR TYPE: _____

METER: YES X NO

METER READ: 52,688,900

PHOTO: YES _____ NO X

ACRES IRR: 1.5

BENEFICIAL USE: YES X NO

PORION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

NW 1/4 NW 1/4 SEC 15

_____ 1/4 _____ 1/4 SEC _____

Place of Use

Low
Managed
Pasture
Grass,
Trees and
Grapes

A large square frame divided into four equal quadrants by a vertical dashed line and a horizontal dashed line intersecting at the center. The quadrants are empty, intended for drawing or writing.

REMARKS: 1 mobile home, various trees, grapes, lawn and windbreak

08-31-17 - 51,751,200

08-17-18 - 52,688,900 = 937,700 gallons $\approx$ 2.99 acre-feet annually

SIGNATURE:

Frang R

DATE: **8/17/2018**

8/17/2018

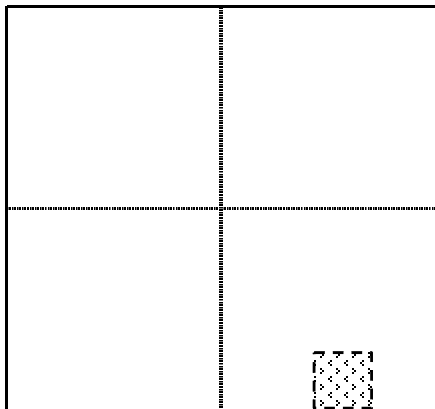
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 60463
 WELL: YES X NO METER SER NO: 2107854
 PUMP: YES X NO PUMP TYPE:
 MOTOR: YES NO MOTOR TYPE:
 METER: YES X NO METER READ: 41,780,200
 PHOTO: YES NO X ACRES IRR: 0.8
 BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

NW 1/4 NW 1/4 SEC 15

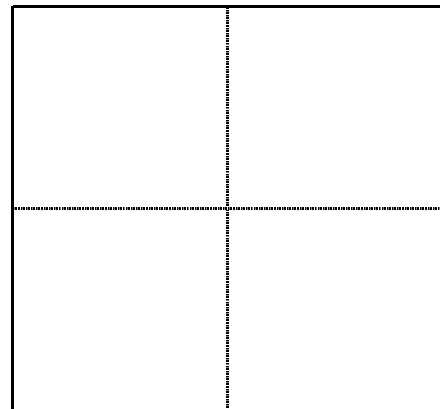
 1/4 1/4 SEC



Place of Use



Turf Grass



REMARKS: 2 mobile homes and windbreak. Faulty Meter

08-31-17 - 41,780,200

08-17-18 - 41,780,200 = 0 gallons ≈ 0 acre-foot annually

Use NIWR for Turf Grass, Sprinklers 0.80 acre*5.3 feet/0.75 = 5.65 acre-feet

SIGNATURE: 

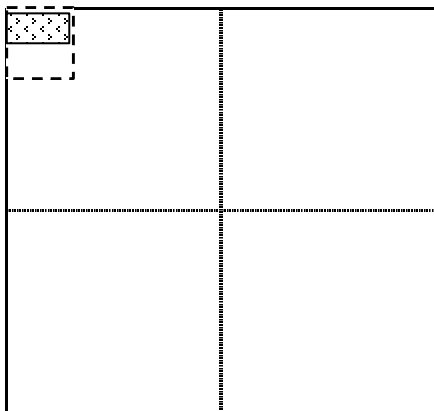
DATE: 8/17/2018

PUMPAGE INVENTORY FIELD REPORT

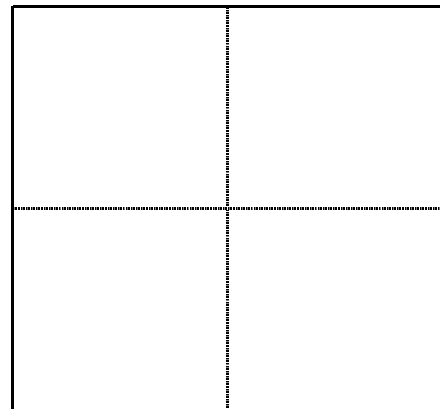
BASIN NO: 230 PERMIT NO: 60466
 WELL: YES X NO METER SER NO: 37987421
 PUMP: YES X NO PUMP TYPE: Submersible
 MOTOR: YES NO MOTOR TYPE:
 METER: YES X NO METER READ: 24,011,300
 PHOTO: YES NO X ACRES IRR: 1.5
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

SE 1/4 NW 1/4 SEC 15 1/4 1/4 SEC



 Place of Use
 Highly Managed Pasture Grass



REMARKS: 2 mobile homes, lawn, one accessory, windbreak and fruit trees

08-31-17 - 23,286,300

08-17-18 - 24,011,300 = 725,000 gallons $\approx$ 2.31 acre-feet annually

No plumbing on the accessory building.

SIGNATURE:  DATE: 8/17/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 60471

WELL: YES X NO

METER SER NO: **51294862**

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES _____ NO _____

MOTOR TYPE: _____

METER: YES X NO

METER READ: 32,621,500

PHOTO: YES _____ NO X

ACRES IRR: 1.0

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

NW 1/4 NW 1/4 SEC 15

_____ 1/4 _____ 1/4 SEC _____

A 10x10 grid with a 3x3 subgrid of black squares in the top-left corner. The black squares are located at positions (row, column) where both row and column are in the range [1, 3]. All other squares are white.

Place of Use

Irrigation

REMARKS: 2 mobile homes and lots of trees, grapevines and approx. 400 trees.

08-31-17 - 31,297,200

08-17-18 - 32,621,500 = 1,324,300 gallons $\approx$ 4.23 acre-feet annually

SIGNATURE:

Francis D.

DATE: **8/17/2018**

8/17/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 60472

WELL: YES X NO

METER SER NO: 2170277

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 48,982,900

PHOTO: YES NO X

ACRES IRR: 2.0

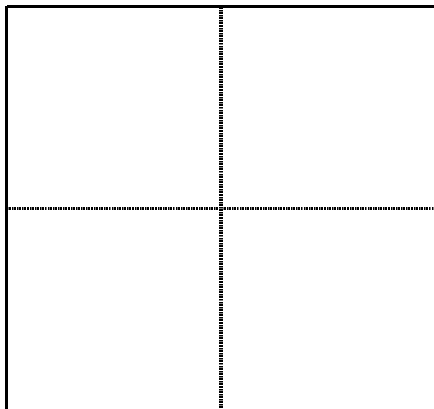
BENEFICIAL USE: YES X NO

PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

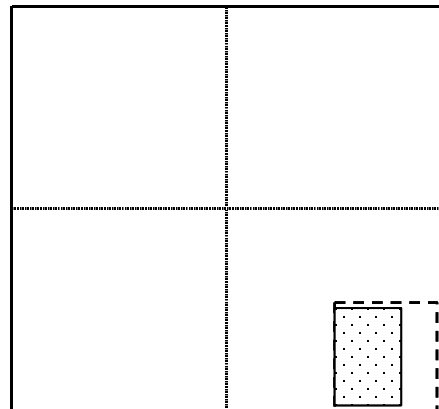
SE 1/4 NW 1/4 SEC 15



Place of Use



Fruit Trees



REMARKS: 2 mobile homes, lawn, grapes and windbreak

08-31-17 - 46,053,200

09-28-18 - 48,982,900 = 2,929,600 gallons ≈ 8.35 acre-feet annually

SIGNATURE: 

DATE: 9/28/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 62465

WELL: YES X NO

METER SER NO: 53761133

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 26,372,000

PHOTO: YES NO X

ACRES IRR: 0.50

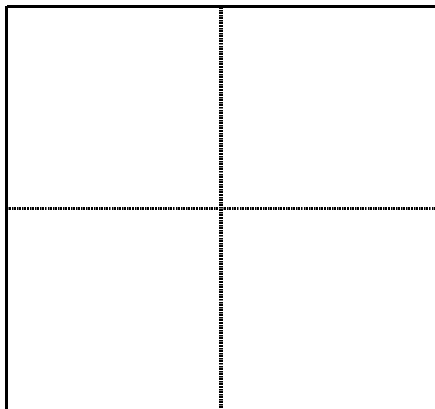
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

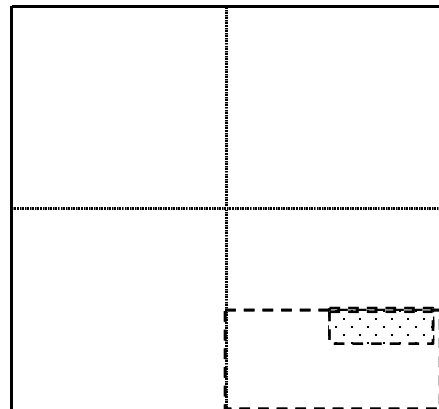
SW 1/4 NW 1/4 SEC 7



Place of Use



Low Managed
Pasture Grass



REMARKS:

08-29-17 - 25,942,700

08-31-18 - 26,372,000 = 429,300 gallons ≈ 1.31 acre-feet annually

SIGNATURE: 

DATE: 8/31/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 62918-19
63151-53 & 63174

WELL: YES X NO METER SER NO: 06-07018-08

PUMP: YES X NO PUMP TYPE: Straight Shaft

MOTOR: YES X NO MOTOR TYPE: Electric

METER: YES X NO METER READ: 1,291,980 * 0.001 ac-ft

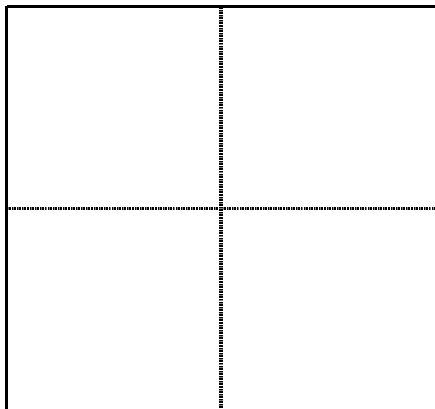
PHOTO: YES NO X ACRES IRR: 111.96

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

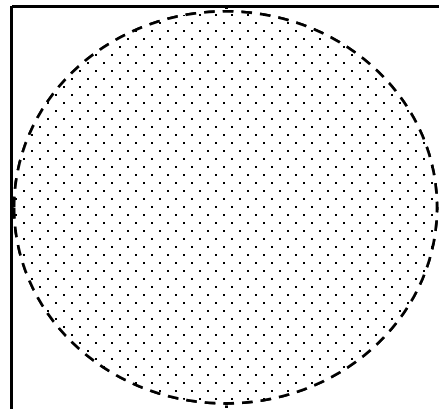
 1/4 SW 1/4 SEC 23



Place of Use



Alfalfa



REMARKS: Well No. 5

08-17-17 - 519,139 * 0.001 acre-feet

08-07-18 - 1,291,980 * 0.001 acre-feet ≈ 794.61 acre-feet annually.

TCD = 559.80 ac-ft/yr.

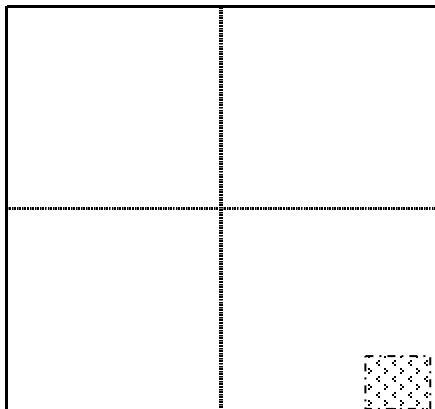
SIGNATURE:  DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 63234
 WELL: YES X NO METER SER NO: 57247095
 PUMP: YES X NO PUMP TYPE: Submersible
 MOTOR: YES NO MOTOR TYPE:
 METER: YES X NO METER READ: 24,562,300
 PHOTO: YES NO X ACRES IRR: 2.0
 BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

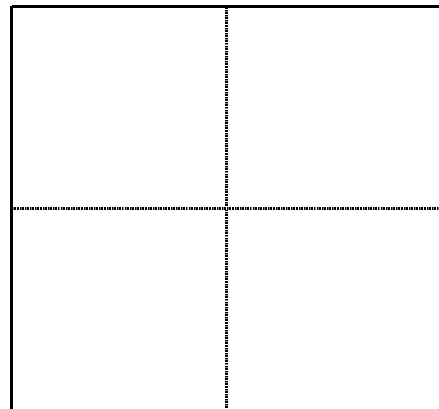
SE 1/4 NE 1/4 SEC 08 1/4 1/4 SEC



Place of Use



High
Managed
Pasture
Grass and
Fruit Trees



REMARKS:

Approximately 500 trees planted over a portion of POU. Windbreak

08-31-17 - 21,046,000

09-28-18 - 24,562,300 = 3,516,300 gallons ≈ 10.02 acre-feet annually

SIGNATURE: 

DATE: 9/28/2018

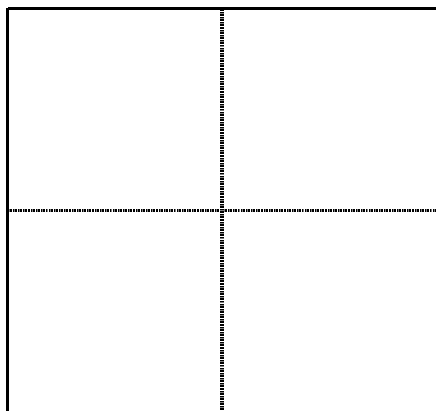
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 63565, 63566
65473 and 65474
 WELL: YES X NO METER SER NO: 13-7209-08
 PUMP: YES X NO PUMP TYPE: Submersible
 MOTOR: YES NO MOTOR TYPE:
 METER: YES X NO METER READ: 85,403,400
 PHOTO: YES NO X ACRES IRR: 14.22
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

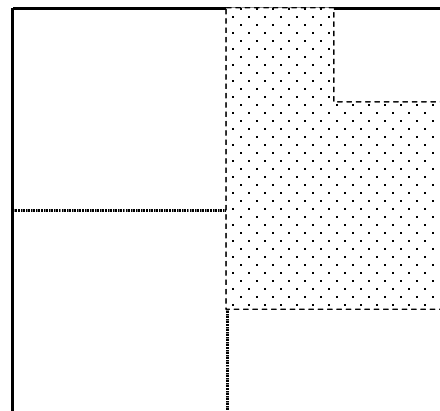
NE 1/4 SE 1/4 SEC 12



Place of Use



Alfalfa



REMARKS: Windbreak over portion of place of use, lots of trees

09-25-17 - 142,070,600 gallons

09-20-18 - 185,403,400 gallons = 43,332,800 gallons ≈ 134.83 acre-feet annually

TCD = 65.68 ac-ft/yr. Alfalfa, Wheel Line, NIWR = 5.3

SIGNATURE: 

DATE: 9/20/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 64997

WELL: YES X NO

METER SER NO: 9818604

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 90,760,000

PHOTO: YES X NO

ACRES IRR: **

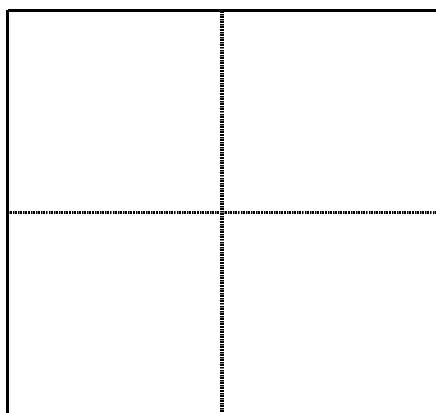
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

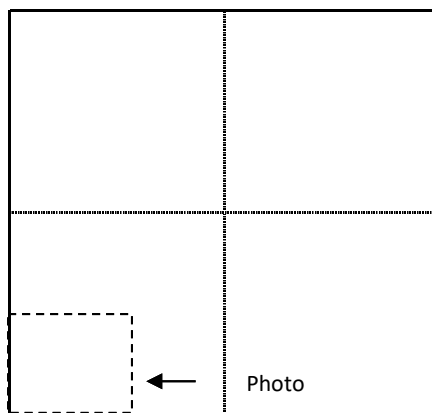
 1/4 1/4 SEC

SE 1/4 SW 1/4 SEC 09



 Place of Use

 Alfalfa



REMARKS: ** See 24585 for credit of irrigation. Broken Meter

08-29-17 - 90,760,000 ≈ 0

09-05-18 - 90,760,000 ≈ 0 gallons = 0.0 acre-feet annually

Wind break estimated at $[(2,640' * 4 * 20') / 43560 \text{ sq-ft/ac}] \approx 5.0 \text{ acres @ } 2.5 \text{ ac-ft/ac}$

SIGNATURE: 

DATE: 9/5/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: **65746, 66323, 66224**
67955, 68451 & 78755

WELL: YES X NO

METER SER NO: **13-01030-08**

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES _____ NO _____

MOTOR TYPE: _____

METER: YES X NO

METER READ: 80,717,200

PHOTO: YES _____ NO **X**

ACRES IRR: 69.0

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

SW 1/4 NW 1/4 SEC 23

A blank coordinate grid. It features a solid horizontal line and a dashed vertical line intersecting at the center. The grid is divided into four quadrants by these lines. The top-left and bottom-right quadrants are shaded gray, while the top-right and bottom-left quadrants are white. The grid is bounded by a solid black line on the left and right, and a dashed black line on the top and bottom.

Place of Use

A 4x4 grid of dots, consisting of 16 dots arranged in 4 rows and 4 columns.

Triticale and Corn

REMARKS: Well No. 6 is located near center of pivot

08-17-17 - 429,398,000

08-07-18 - 580,717,200 = 151,319,000 gallons $\approx$ 477.46 acre-feet annually

SIGNATURE:

Francis R

DATE: **8/7/2018**

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 66057

WELL: YES X NO

METER SER NO: 2448030

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES _____ NO _____

MOTOR TYPE: _____

METER: YES X NO

METER READ: 94,821,500

PHOTO: YES _____ NO X

ACRES IRR: 4.4

BENEFICIAL USE: YES X NO

PORION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

NW 1/4 NW 1/4 SEC 20

[illegible]

Place of Use

Low Managed
Pasture and
Fruit Trees

REMARKS: Portion belongs to Dennis Engh (for 5.0 Acres Irrigation and Domestic).

08-29-17 - 92,532,800

08-31-18 - 94,821,500 = 2,288,700 gallons $\approx$ 6.99 acre-feet annually

Fruit Trees (2.44 Acres), Orchard (0.33 Acre), Grain (0.25 Acre)

SIGNATURE:

Frang R

DATE: **8/31/2018**

8/31/2018

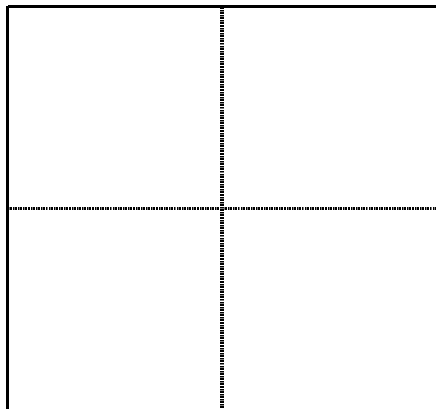
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 66083
 WELL: YES X NO METER SER NO: 58191861
 PUMP: YES X NO PUMP TYPE: Submersible
 MOTOR: YES NO MOTOR TYPE:
 METER: YES X NO METER READ: 41,276,100
 PHOTO: YES NO X ACRES IRR: 1.0
 BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

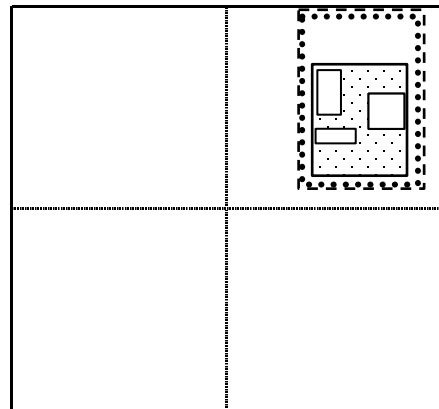
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

NW 1/4 NE 1/4 SEC 36



 Place of Use
 Various Trees
 Windbreak



REMARKS: One home, one trailer, two sheds and a windbreak.

09-25-17 - 40,599,300

09-27-18 - 41,276,100 = 676,800 gallons ≈ 2.07 acre-feet annually

Approximately 50 fruit trees and seven (7) cactus bushes.

SIGNATURE:  DATE: 9/27/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 66150

WELL: YES X NO

METER SER NO: 65447112

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 52,781,200

PHOTO: YES NO X

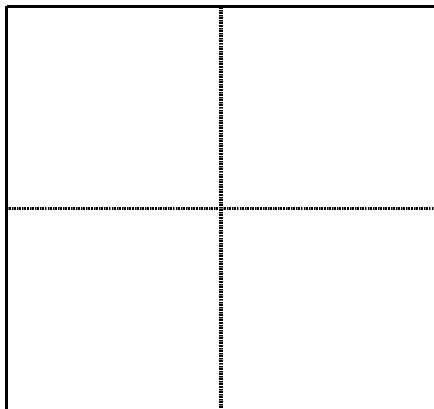
ACRES IRR: 1.3

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

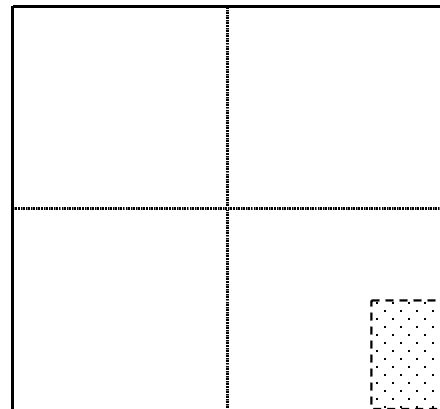
SE 1/4 SW 1/4 SEC 18



Place of Use



Fruit Trees



REMARKS:

08-29-17 - 45,278,100

09-27-18 - 52,781,200 = 7,503,100 gallons $\approx$ 21.33 acre-feet annually

1 mobile home, windbreak around perimeter and approximately 70 trees

SIGNATURE: 

DATE: 9/27/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 66445

WELL: YES X NO

METER SER NO: 09126298

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO X

MOTOR TYPE:

METER: YES X NO

METER READ: 55,243,400

PHOTO: YES NO X

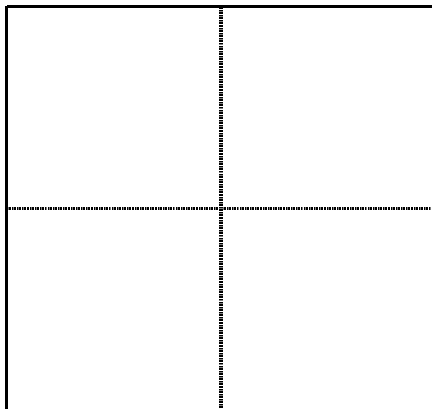
ACRES IRR: 2.0

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

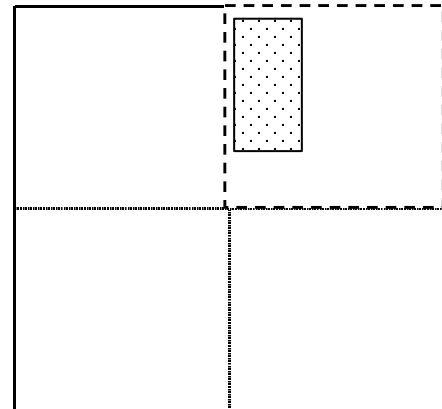
 1/4 1/4 SEC

SE 1/4 NE 1/4 SEC 16



 Place of Use

 Alfalfa



REMARKS: Six trailers on the place of use.

08-31-17 - 53,955,400

09-27-18 - 55,243,400 = 1,288,000 gallons $\approx$ 3.68 acre-feet annually

SIGNATURE: 

DATE: 9/27/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 67643

WELL: YES X NO

METER SER NO: 57369904

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 454,400

PHOTO: YES NO X

ACRES IRR: 0.8

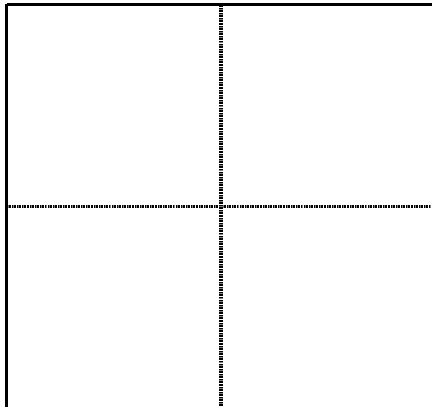
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

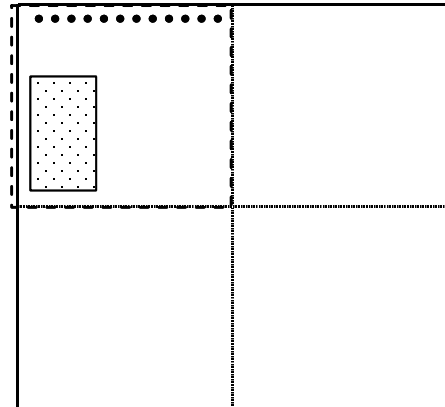
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

NE 1/4 NE 1/4 SEC 3



-  Place of Use
-  LM Pasture Grass
-  Windbreak



REMARKS: Windbreak, one home. Meter units are in cubic feet.

09-28-17 - 333,020 cubic feet

09-27-18 - 454,400 cubic feet $\approx$ 907,922 gallons = 2.79 ac-ft.

SIGNATURE: 

DATE: 9/27/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 68087

WELL: YES X NO

METER SER NO: 14-012484

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 12,281,500

PHOTO: YES NO X

ACRES IRR: 2.5

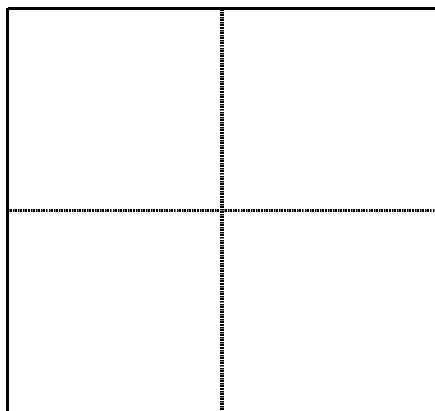
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

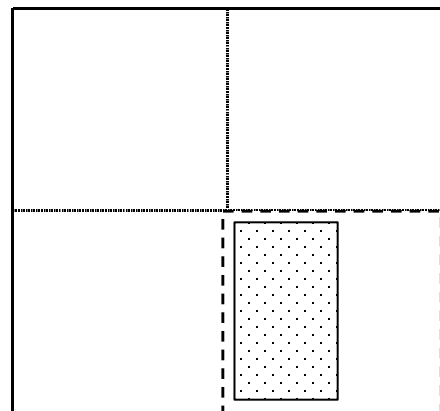
SE 1/4 NE 1/4 SEC 16



Place of Use



HM Pasture
Grass and
Trees



REMARKS:

08-31-17 - 10,351,200

08-17-18 - 12,281,500 = 1,930,300 gallons $\approx$ 6.16 acre-feet annually

NIWR for HM Pasture Grass, Sprinklers

SIGNATURE: 

DATE: 8/17/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 68856, 68857 and 68858

WELL: YES X NO METER SER NO:

PUMP: YES NO X PUMP TYPE:

MOTOR: YES NO X MOTOR TYPE:

METER: YES NO X METER READ:

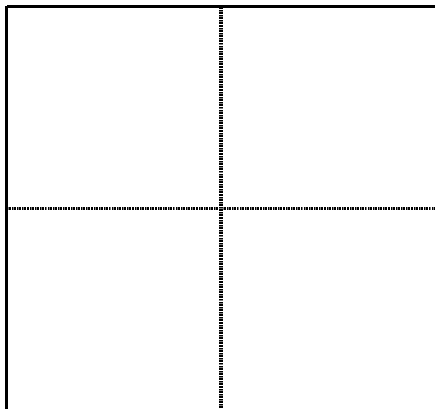
PHOTO: YES NO X ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

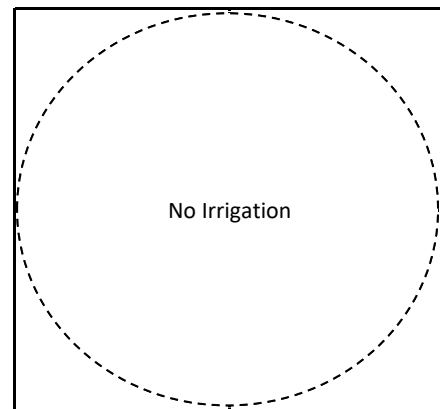
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 SW 1/4 SEC 19



Place of Use



REMARKS: Well not visible.

SIGNATURE:  DATE: 9/26/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 68884 and 68885

WELL: YES X NO

METER SER NO:

PUMP: YES NO X

PUMP TYPE:

MOTOR: YES NO X

MOTOR TYPE:

METER: YES NO X

METER READ:

PHOTO: YES NO X

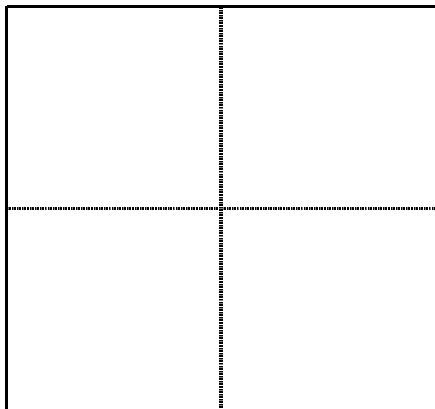
ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

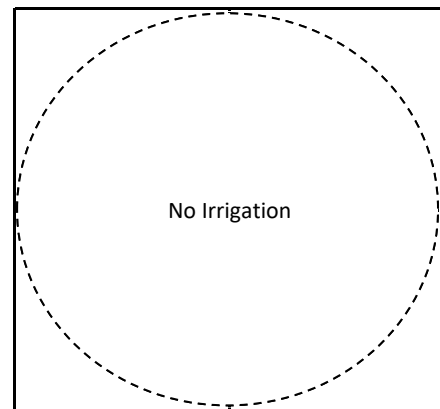
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 SW 1/4 SEC 19



Place of Use



REMARKS: Well visible. No Meter

Permit No. 68885 is for commercial use.

SIGNATURE: 

DATE: 9/26/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 70142

WELL: YES X NO METER SER NO: 03-04244-10

PUMP: YES X NO PUMP TYPE: Straight Shaft

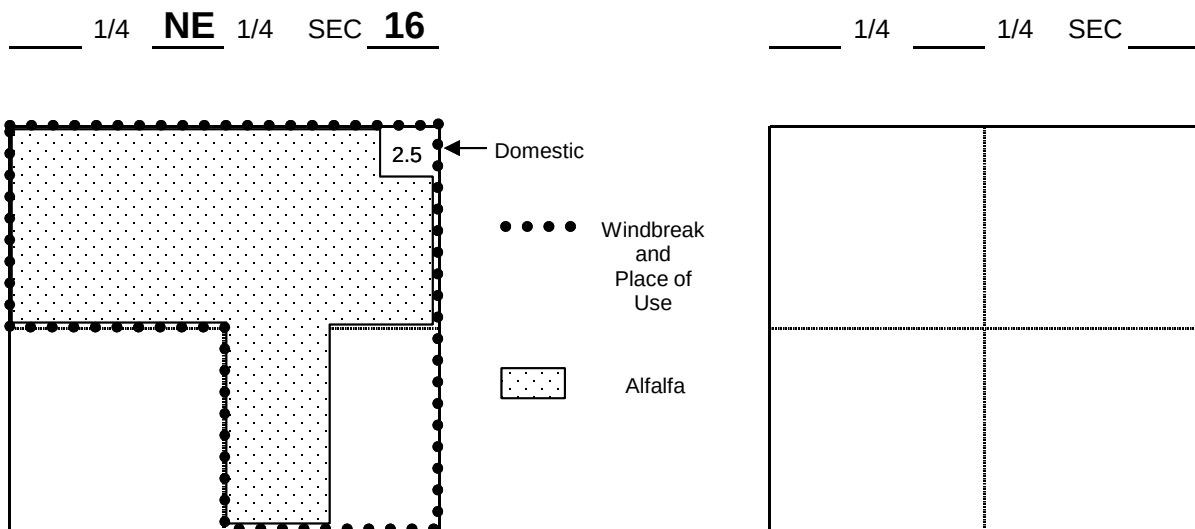
MOTOR: YES X NO MOTOR TYPE: Electric

METER: YES X NO METER READ: 733,376,000

PHOTO: YES NO X ACRES IRR: 100.00

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.



REMARKS: See Permit No. 16562 Inventory for total pumpage

08-17-17 - 4,397,466,000

08-07-18 - 4,733,376,000 = 335,910,000 gallons = 1,059.91 acre-feet annually

Use is excessive, meter appears faulty use full duty for pumpage

SIGNATURE: DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 70435

WELL: YES X NO

METER SER NO: 65559422

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 49,698,100

PHOTO: YES NO X

ACRES IRR: 2.0

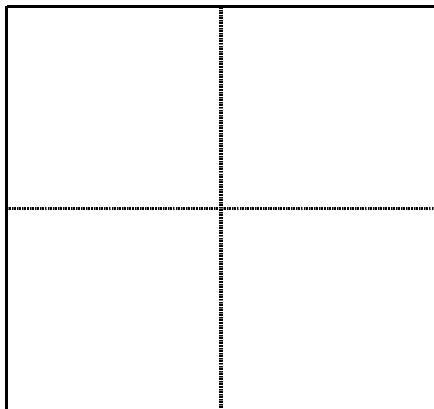
BENEFICIAL USE: YES X NO

PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

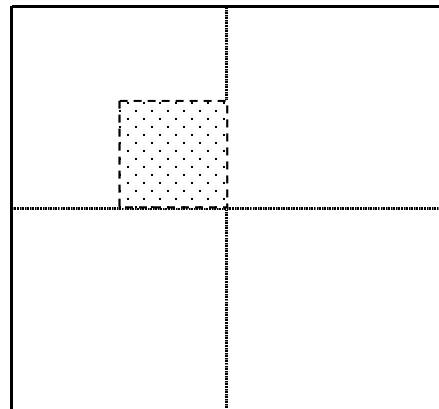
NW 1/4 SE 1/4 SEC 12



Place of Use



Low Managed
Pasture Grass
and Trees



REMARKS:

09-25-17 - 45,642,735

09-21-18 - 49,698,100 = 4,055,365 gallons $\approx$ 12.94 acre-feet annually

SIGNATURE: 

DATE: 9/21/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 70715 - 70718

WELL: YES X NO METER SER NO: 02-07771-6

PUMP: YES X NO PUMP TYPE: Submersible

MOTOR: YES NO MOTOR TYPE:

METER: YES X NO METER READ: 867,824 *.001 ac-ft

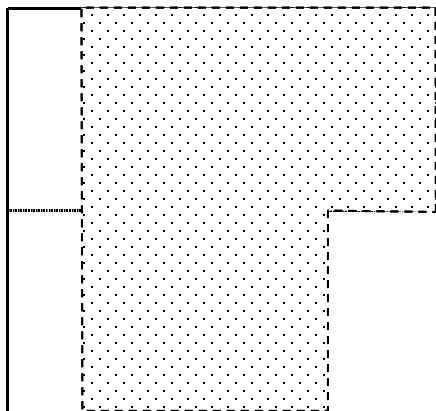
PHOTO: YES NO X ACRES IRR: 28.14

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

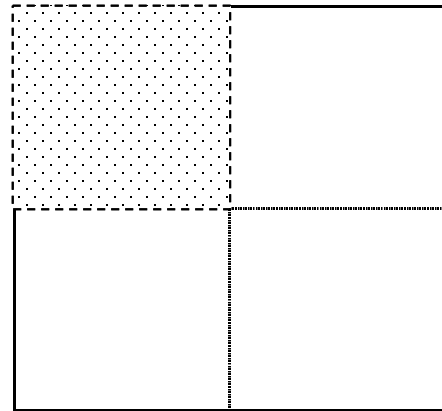
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

SE 1/4 NW 1/4 SEC 35

SW 1/4 NE 1/4 SEC 35



 Place of Use
 Alfalfa



REMARKS: Two wells

09-12-17 - 865,795 * 0.001

09-25-18 - 867,824 * 0.001 ≈ 1.96 acre-feet annually

South well S/N 02-07772-6, reading 1,896,725 *.001 ac-ft ≈ 2.94 acre-feet annually

SIGNATURE:  DATE: 9/25/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 72012

WELL: YES X NO

METER SER NO: 08-005855

PUMP: YES NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 14,554,900

PHOTO: YES NO

ACRES IRR: 1.5

BENEFICIAL USE: YES X NO

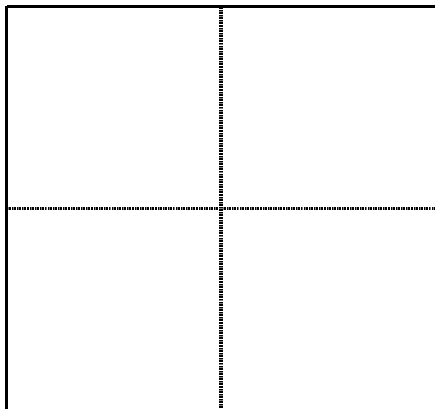
PORTION X ALL

TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

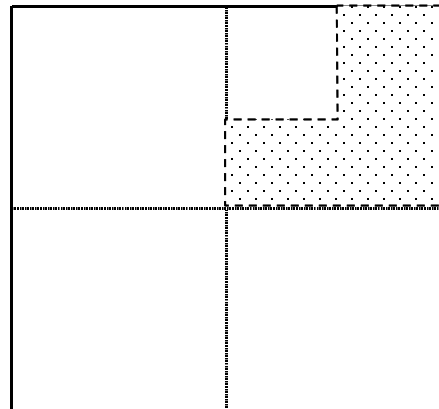
NW 1/4 SE 1/4 SEC 12



Place of Use



Highly
Managed
Pasture
Grass



REMARKS:

09-25-17 - 13,100,300

09-20-18 - 14,554,900 = 1,454,7600 gallons ≈ 4.53 acre-feet annually

SIGNATURE: 

DATE: 9/20/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 72239

WELL: YES X NO

METER SER NO: 3186547

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES X NO

MOTOR TYPE:

METER: YES NO X

METER READ:

PHOTO: YES NO

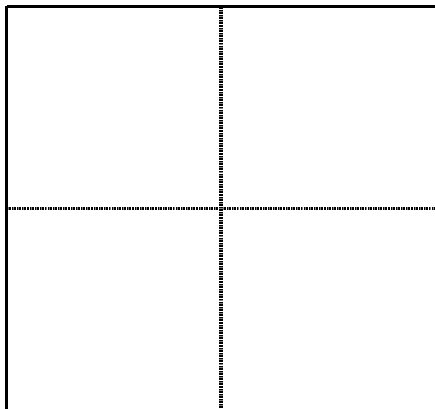
ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

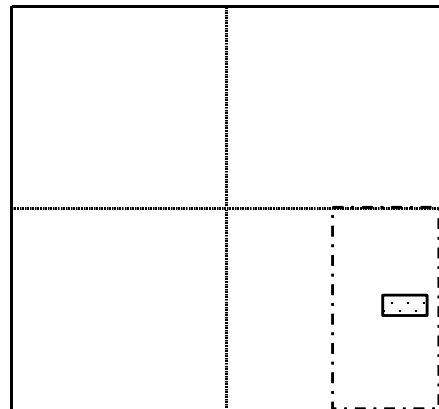
 1/4 1/4 SEC

SE 1/4 SW 1/4 SEC 9



 Place of Use

 Trees and Grass



REMARKS: One mobile home and two dwelling units.

08-29-17 - No Meter

09-05-18 - No Meter

This water right has been abrogated.

SIGNATURE: 

DATE: 9/5/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 73091, 79093
77254 and 77255

WELL: YES NO **X** METER SER NO:

PUMP: YES NO PUMP TYPE:

MOTOR: YES NO MOTOR TYPE:

METER: YES NO METER READ:

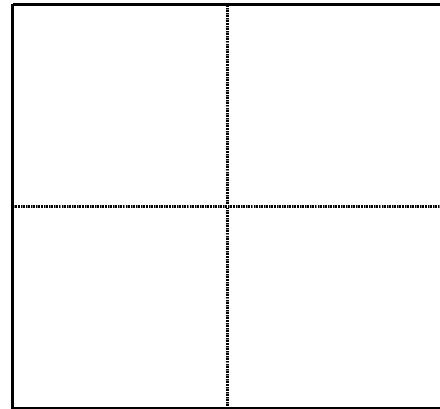
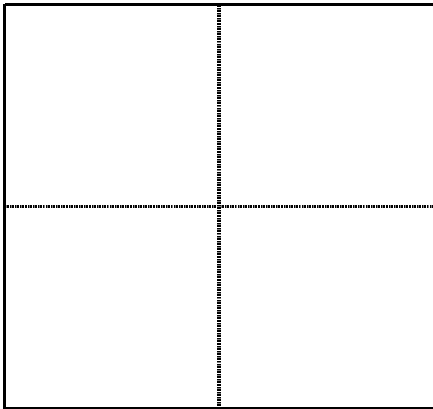
PHOTO: YES NO ACRES IRR: **0.0**

BENEFICIAL USE: YES NO **X** PORTION ALL TYPE

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 1/4 SEC



REMARKS: **Well not visible**

Extension of Time for Proof of Completion was submitted 06-25-18

SIGNATURE:  DATE: **8/31/2018**

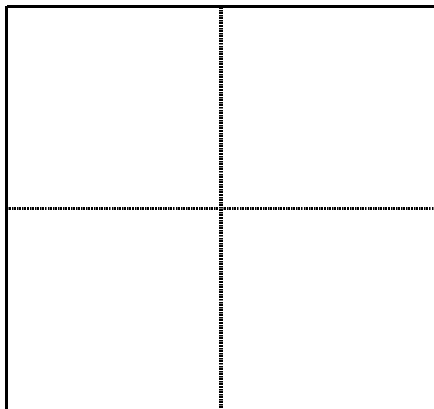
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 73596
 WELL: YES X NO METER SER NO: 08-02764-04
 PUMP: YES X NO PUMP TYPE:
 MOTOR: YES NO MOTOR TYPE:
 METER: YES X NO METER READ: 72,591,300
 PHOTO: YES NO X ACRES IRR: 26.6
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

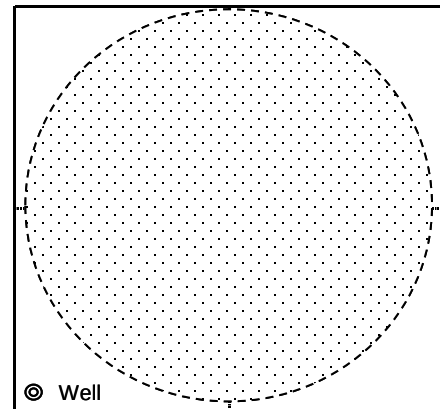
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

SE 1/4 NW 1/4 SEC 33

NE 1/4 NW 1/4 SEC 33



 Place of Use
 Windbreak
 Alfalfa



REMARKS:

09-07-17 - 159,653,600

09-21-18 - 172,591,300 = 12,937,700 gallons ≈ 38.24 acre-feet

SIGNATURE:  DATE: 9/21/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 74208

WELL: YES X NO

METER SER NO: 08-008789

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 19,751,100

PHOTO: YES NO X

ACRES IRR: 1.0

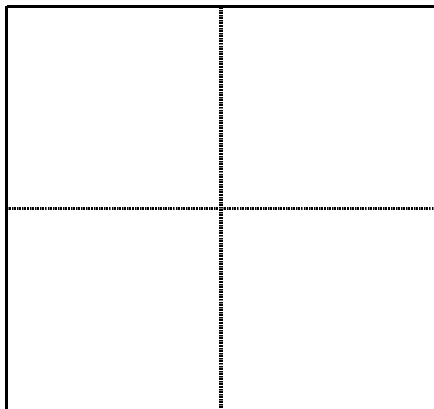
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

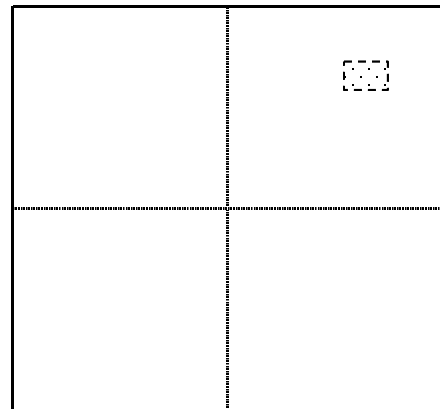
NE 1/4 NE 1/4 SEC 07



Place of Use



Low Managed
Pasture Grass
and Garden,
Sprinklers



REMARKS: Broken sprinklers

09-15-17 - 16,286,800

09-20-18 - 19,751,100 = 3,464,300 gallons $\approx$ 10.49 acre-feet annually

SIGNATURE: 

DATE: 9/20/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 74622

WELL: YES X NO METER SER NO: 60527929

PUMP: YES X NO PUMP TYPE: Submersible

MOTOR: YES NO X MOTOR TYPE:

METER: YES X NO METER READ: 13,757,700

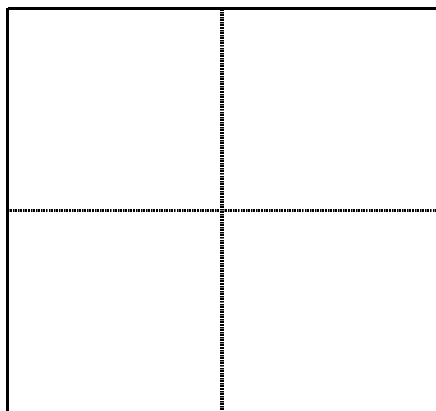
PHOTO: YES NO X ACRES IRR: 1.2

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

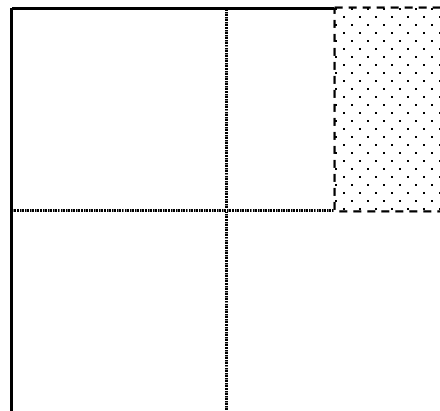
NW 1/4 SE 1/4 SEC 10



Place of Use



High
Managed
pasture Grass
and Fruit



REMARKS:

Approximately 400 trees, a garden and 75 shrubs. One garage and mobile home.

09-29-17 - 11,831,400

09-28-18 - 13,757,700 = 1,926,300 gallons ≈ 5.93 acre-feet annually

SIGNATURE: 

DATE: 9/28/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 75028

WELL: YES X NO

METER SER NO: 14-014221

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO X

MOTOR TYPE:

METER: YES X NO

METER READ: 13,899,200

PHOTO: YES NO X

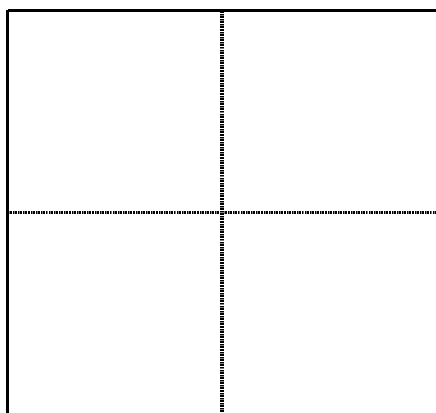
ACRES IRR: 2.0

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

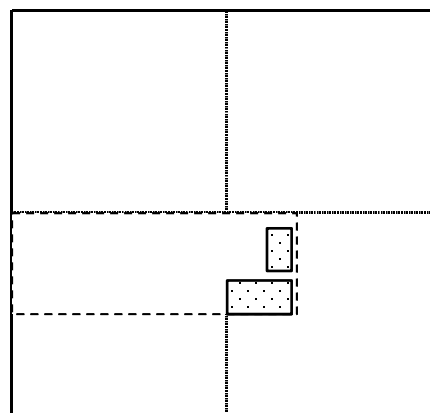
 1/4 SE 1/4 SEC 36



Place of Use



Grapes and Trees



REMARKS: Approximately 50 trees within the place of use.

07-27-17 - 9,561,900

09-26-18 - 13,899,200 = 4,337,300 gallons ≈ 11.40 acre-feet annually

SIGNATURE: 

DATE: 9/26/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 76145 and 83483

WELL: YES X NO METER SER NO: 14-02477-08

PUMP: YES X NO PUMP TYPE: Submersible

MOTOR: YES NO MOTOR TYPE:

METER: YES X NO METER READ: 89,078,500

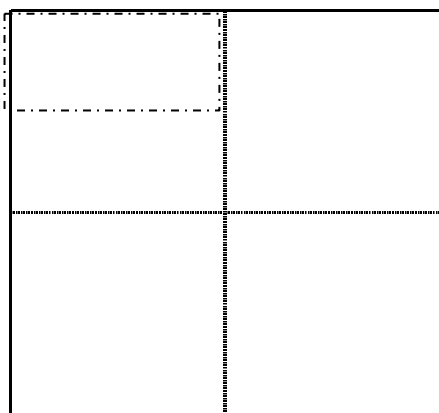
PHOTO: YES NO X ACRES IRR: 15.0

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

Lt19 1/4 SE 1/4 SEC 7

Lt 7 1/4 SE 1/4 SEC 7

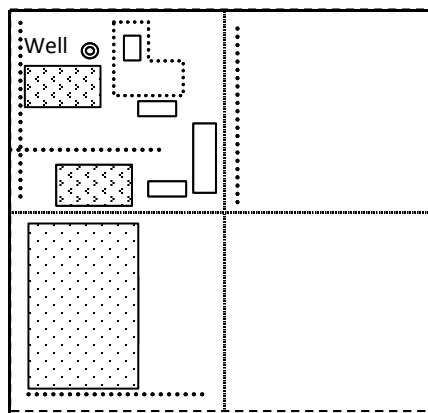


Place of Use

Grass

Trees

Windbreak



REMARKS: One house, office trailer, horse corral, storage shed. Approx 300 trees.

09-25-17 - 104,792,200

09-20-18 - 189,078,500 = 84,286,300 gallons $\approx$ 262.26 acre-feet annually

Permit Number 83483 is for QM use.

SIGNATURE:

DATE: 9/20/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 76547

WELL: YES NO **X** METER SER NO:

PUMP: YES NO PUMP TYPE:

MOTOR: YES NO MOTOR TYPE:

METER: YES NO METER READ:

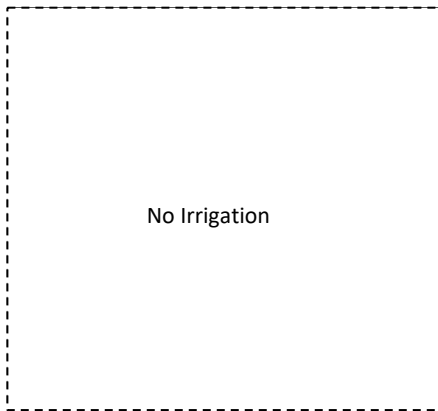
PHOTO: YES NO ACRES IRR: 0.0

BENEFICIAL USE: YES NO **X** PORTION ALL TYPE

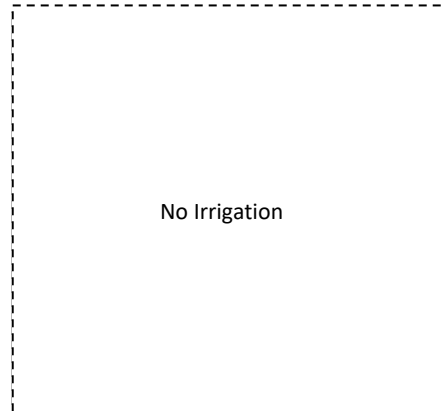
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 **NE** 1/4 SEC **25**

 1/4 **SE** 1/4 SEC **25**



Place of Use



REMARKS: Well not visible. Vacant Land.

SIGNATURE:

DATE:

9/20/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 76691 and 76692

WELL: YES X NO METER SER NO: 09-04117-06

PUMP: YES NO X PUMP TYPE:

MOTOR: YES X NO MOTOR TYPE:

METER: YES X NO METER READ: 291,423 * 0.001 ac-ft

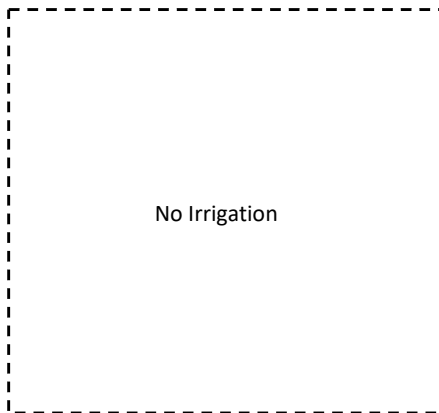
PHOTO: YES NO X ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

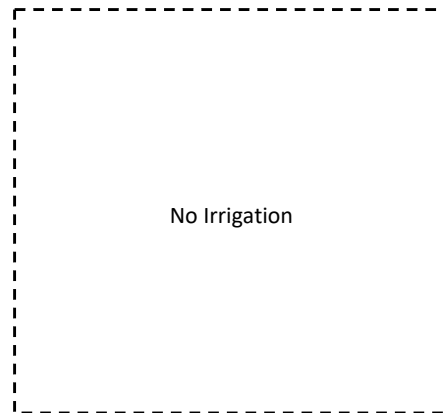
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

NE 1/4 NE 1/4 SEC 8

NW 1/4 NE 1/4 SEC 8



 Place of Use



REMARKS: One mobile home, three storage trailers, sprinklers lines in place.

09-25-17 - 291,423 * 0.001 ac-ft

09-20-18 - 291,423 * 0.001 ac-ft ≈ 0 acre-feet annually

SIGNATURE: 

DATE: 9/20/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 81510

WELL: YES X NO

METER SER NO: 11-06751-06

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO X

MOTOR TYPE:

METER: YES X NO

METER READ: 706,787 * 0.001 ac-ft

PHOTO: YES NO X

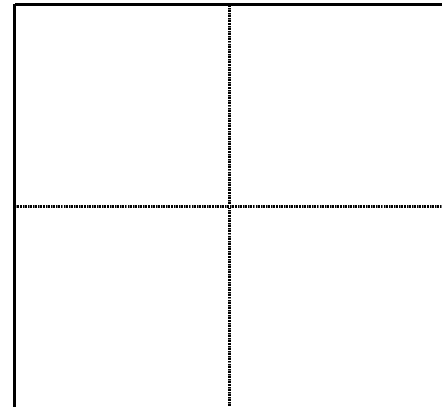
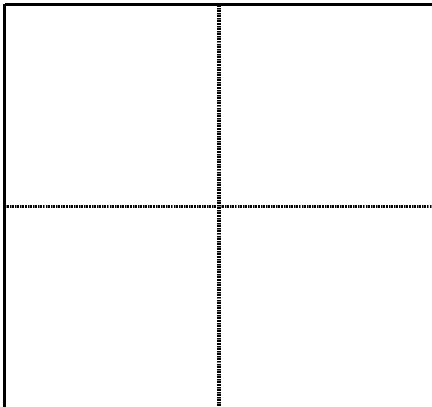
ACRES IRR: See Permit No. 20162

BENEFICIAL USE: YES NO X PORTION ALL TYPE

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 1/4 SEC 35



REMARKS:

09-12-17 -706,787 * 0.001 acre-feet

09-25-18 -706,787 * 0.001 acre-feet

Diversion rate only. Total pumpage is combined with Permit No. 20162 on Inventory.

SIGNATURE: 

DATE: 9/25/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 81609

WELL: YES X NO

METER SER NO: 58220243

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 51,876,000

PHOTO: YES NO X

ACRES IRR: 0.1

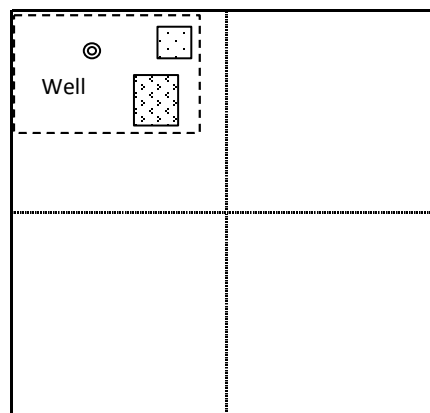
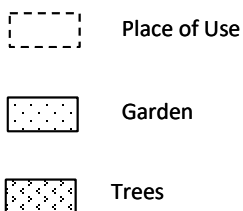
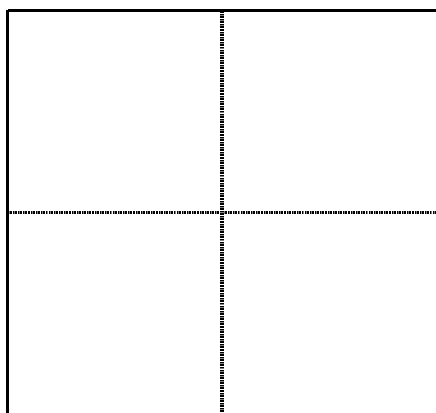
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 SW 1/4 SEC 7



REMARKS: One mobile home, windbreak and garden within place of use.

09-07-17 - 51,873,100

09-05-18 - 51,876,000 = 2,900 gallons ≈ 0.01 acre-feet annually

NIWR for LM Pasture Grass, Sprinklers

SIGNATURE: 

DATE: 9/5/2018

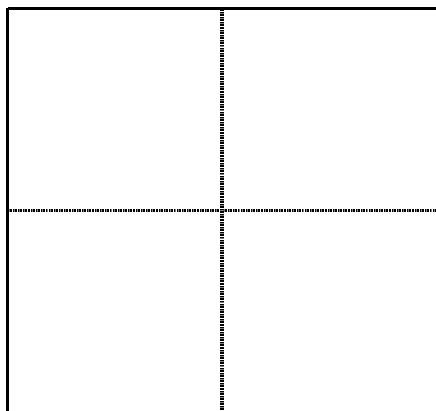
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 81828
 WELL: YES X NO METER SER NO: 7020833
 PUMP: YES X NO PUMP TYPE:
 MOTOR: YES X NO MOTOR TYPE:
 METER: YES X NO METER READ: 41,479,900
 PHOTO: YES NO X ACRES IRR: 2.0
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

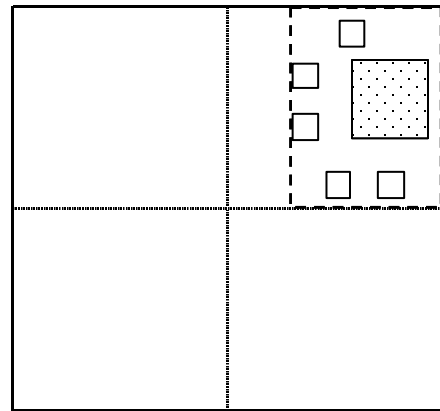
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

NE NW 1/4 SEC 27



 Place of Use
 Palm trees and grass
 Residential Home and Office Buildings



REMARKS: Well inside shed. Landscape and palm trees within place of use.

09-07-17 - 33,741,500

09-21-18 - 41,479,900 gallons = 7,738,400 gallons ≈ 22.87 acre-feet

SIGNATURE:  DATE: 9/21/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 82739 and 84285

WELL: YES X NO

METER SER NO: 0108267-8

PUMP: YES X NO

PUMP TYPE:

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 91,562,800

PHOTO: YES NO X

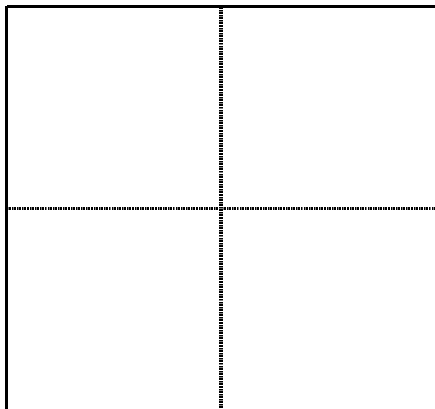
ACRES IRR: 250.0

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

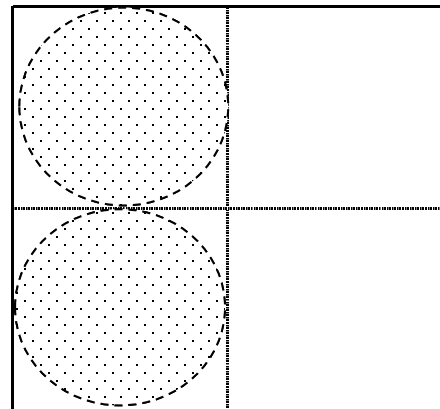
 1/4 1/4 SEC 10



Place of
Use



Triticale
and
Sorghum



REMARKS: Sod Farm Well

08-17-17 - 789,428,400

08-07-18 - 891,562,800 = 102,134,400 gallons $\approx$ 322.27 acre-feet annually

SIGNATURE: 

DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 82740 through 82745
84298, 84299 & 89303

WELL: YES X NO METER SER NO: 09-03914-08

PUMP: YES X NO PUMP TYPE: Straight Shaft

MOTOR: YES X NO MOTOR TYPE: Electric

METER: YES X NO METER READ: 066,981 * 0.001

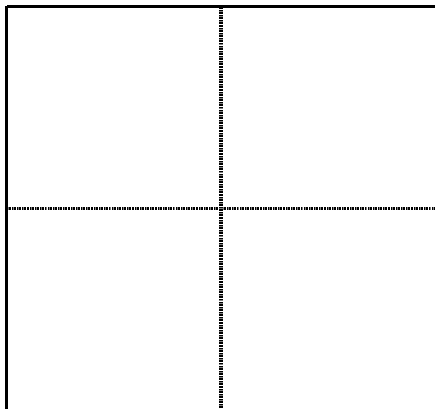
PHOTO: YES NO X ACRES IRR: 95.0

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

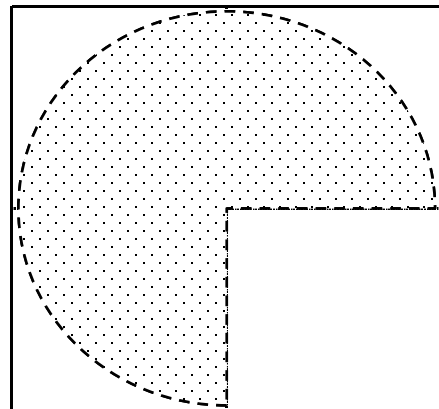
 1/4 SW 1/4 SEC 15



Place of Use



Triticale and
Sudan



REMARKS: Monster Well

08-07-18 - 1,066,981 * 0.001 ac-ft

New Meter

2018 Pumpage = 2017 Pumpage (466.68 acre-feet annually)

SIGNATURE: 

DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: **82747, 82748**
82749 and 84282

WELL: YES X NO

METER SER NO: **13-08440-06**

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES _____ NO _____

MOTOR TYPE: _____

METER: YES X NO

METER READ: 06,709,900

PHOTO: YES _____ NO **X**

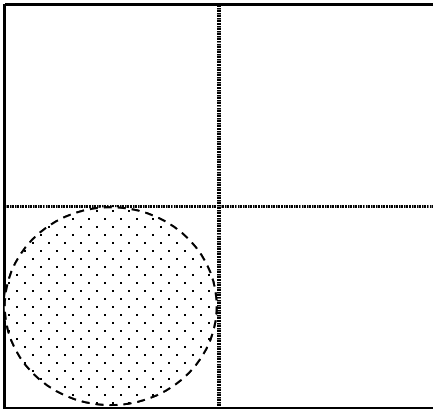
ACRES IRR: 125.00

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

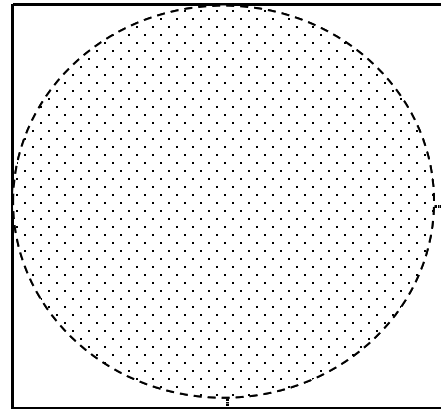
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

1/4 1/4 SEC **09**

1/4 **NW** 1/4 SEC **15**



- Place of Use
- Pasture, Triticale and Sudan

REMARKS: Champion Well

08-17-17 - 547,968,200

08-07-18 - 806,709,900 = 258,741,700 gallons $\approx$ 816.42 acre-feet annually

SIGNATURE:

Francis R.

DATE: **8/7/2018**

8/7/2018

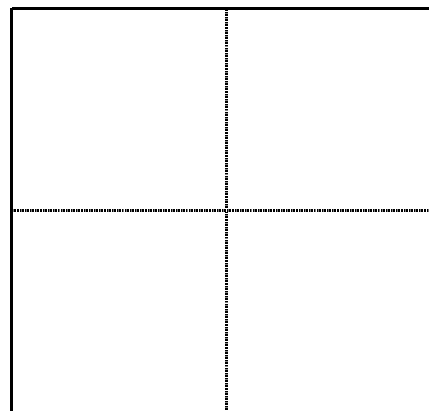
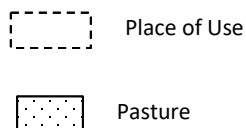
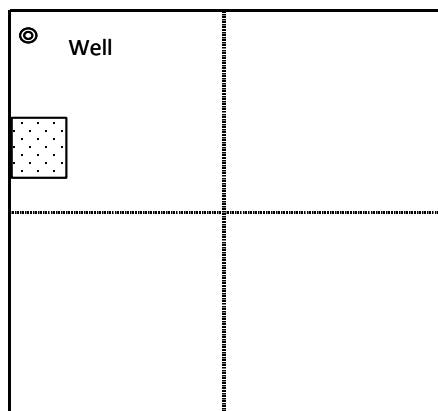
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 84306
 WELL: YES X NO METER SER NO: 14-16112-10
 PUMP: YES X NO PUMP TYPE: Submersible
 MOTOR: YES NO MOTOR TYPE:
 METER: YES X NO METER READ: 862,127,000
 PHOTO: YES NO X ACRES IRR: 4.80
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC 09

 1/4 1/4 SEC



REMARKS: Fatman Well

08-17-17 - 678,489,000

08-07-18 - 862,127,000 = 183,638,000 gallons $\approx$ 579.44 acre-feet annually

This well also has commercial water rights. Issue 5 ac-ft/acre irrigated (24 ac-ft).

SIGNATURE:  DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 84307 and 84308

WELL: YES X NO

METER SER NO: 13-01031-08

PUMP: YES X NO

PUMP TYPE: Straight Shaft

MOTOR: YES NO

MOTOR TYPE: Diesel

METER: YES X NO

METER READ: 01,192,800

PHOTO: YES NO X

ACRES IRR: 56.80

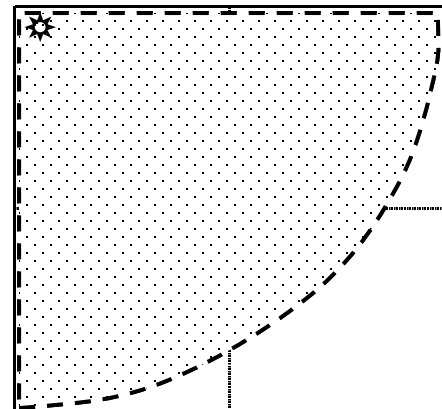
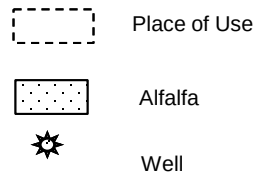
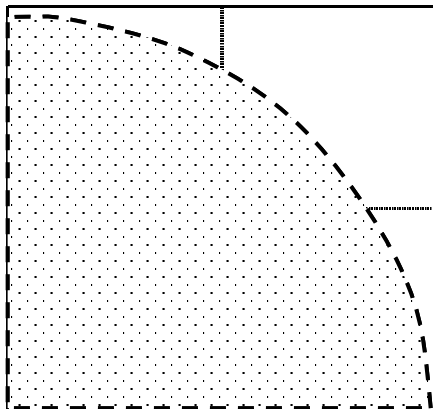
BENEFICIAL USE: YES X NO

PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

NE 1/4 NW 1/4 SEC 10

SE 1/4 NW 1/4 SEC 10



REMARKS: Fairbancs Well

08-17-17 - 329,079,300

08-07-18 - 501,192,800 = 172,113,500 gallons ≈ 543.08 acre-feet annually

SIGNATURE: 

DATE: 8/7/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 84818 and 84819

WELL: YES X NO

METER SER NO: 13-00457-08

PUMP: YES X NO

PUMP TYPE: Straight Shaft

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES X NO

METER READ: 99,747,200

PHOTO: YES NO X

ACRES IRR: 125.6

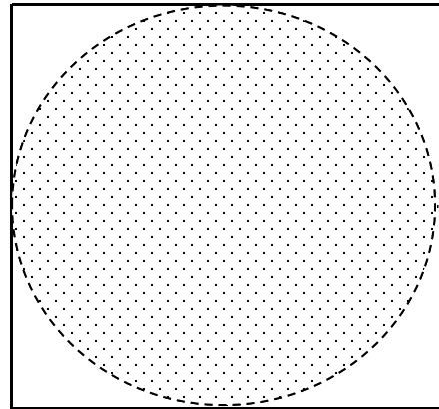
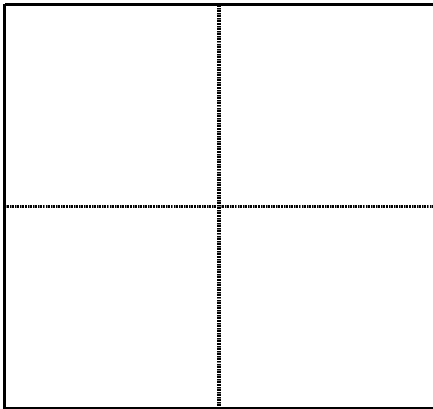
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

NW 1/4 SW 1/4 SEC 09



REMARKS: Windjammer Irrigation.

08-17-17 - 402,166,400

08-07-18 - 499,747,200 = 97,580,800 gallons $\approx$ 307.90 acre-feet annually

SIGNATURE: 

DATE: 8/7/2018

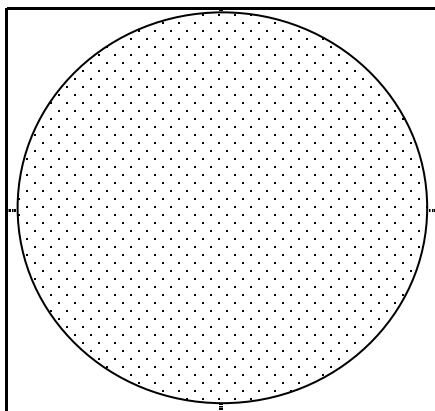
PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 86213, 86303 and 86304
 WELL: YES X NO METER SER NO: 11-015744
 PUMP: YES X NO PUMP TYPE: Submersible
 MOTOR: YES NO MOTOR TYPE:
 METER: YES X NO METER READ: 115,701,000
 PHOTO: YES NO ACRES IRR: 142.60
 BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

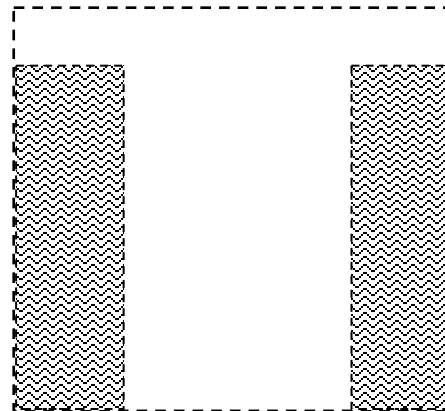
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

NE 1/4 NW 1/4 SEC 33

SE 1/4 NW 1/4 SEC 33



[Dashed Box] Place of Use
 [Hatched Box] Grapes
 [Dotted Box] Alfalfa



REMARKS:

09-07-17 - 89,702,000

09-21-18 - 115,701,000 = 25,999,000 gallons $\approx$ 76.84 acre-feet annually

SIGNATURE:  DATE: 9/21/2018

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 86349 and 86350

WELL: YES X NO

METER SER NO: 16-08534-10

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES X NO

MOTOR TYPE: Electric

METER: YES X NO

METER READ: 593,455,000

PHOTO: YES NO X

ACRES IRR: 125.6

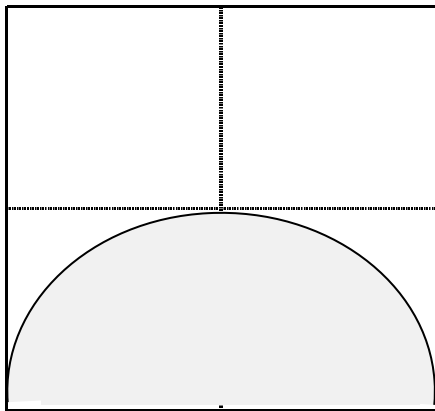
BENEFICIAL USE: YES X NO

PORTION ALL X TYPE Irrigation

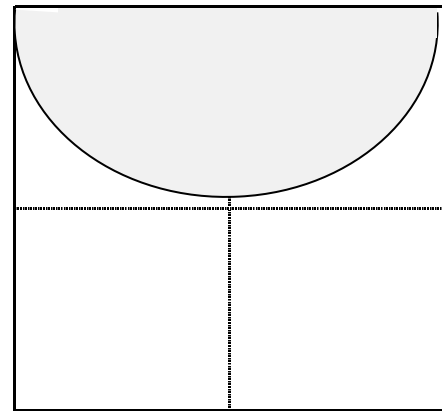
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 NE 1/4 SEC 4

 1/4 SE 1/4 SEC 4



Sorghum
and Wheat



REMARKS: R2 Well

08-17-17 - 213,028,000 gallons

08-07-18 - 593,455,000 = 380,427,000 gallons $\approx$ 1,200.37 acre-feet annually

SIGNATURE: 

DATE: 8/7/2018