

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

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STATE ENGINEER



AMARGOSA DESERT
HYDROGRAPHIC BASIN 14-230

GROUNDWATER PUMPAGE INVENTORY

WATER YEAR 2019

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Report Prepared by: Tracy Geter

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ABSTRACT

This inventory represents the status and usage of all permitted, certificated and claims of vested right groundwater rights located within the Nevada portion of Amargosa Desert, Hydrographic Basin 14-230, for water year 2019 (October 1, 2018 through September 30, 2019). 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 2019, the committed resource totaled 27,874 acre-feet, with estimated pumpage of approximately **17,005 acre-feet**. This figure includes an estimated 255 acre-feet pumped from exempt domestic wells.

Irrigation is the largest manner of use within the basin. For water year 2019, pumpage for irrigation water use totaled 13,909 acre-feet, with appropriations totaling 20,355 acre-feet. The second largest manner of use was commercial, with pumpage totaling 1,636 acre-feet, and appropriations totaling 2,984 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 2019	17,005 ¹

STATE ENGINEER'S ORDERS

<u>NO. 293 – DESIGNATION</u> <u>NO. 296 – RESCINDED DESIGNATION</u> <u>NO. 724 – DESIGNATION</u> <u>NO. 1197 – CURTAILMENT</u> <u>NO. 1197A – CURTAILMENT</u>	DATE: SEPTEMBER 20, 1965 DATE: JANUARY 21, 1966 DATE: MAY 14, 1979 DATE: NOVEMBER 4, 2008 DATE: JANUARY 12, 2018
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COMMITTED GROUNDWATER RESOURCE ² : 27,874 ACRE-FEET	DATE: JULY 2019
COMMERCIAL.....2,984 DOMESTIC.....1,020	INDUSTRIAL400
IRRIGATION.....20,355 MINING & MILLING.....1,942	MUNICIPAL.....432
QUASI-MUNICIPAL.....732 WILDLIFE.....9	

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

² Committed groundwater resource data are accurate for July 2019. 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 510 domestic wells existed in the basin during water year 2019. 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 1,020 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 2019. 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 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, Designation Order 724 issued on May 14, 1979.

GROUNDWATER LEVELS

Depths to groundwater in Amargosa Desert have been measured by NDWR consistently since the early 1950's. Data for active monitoring well sites (Figure 2) can be found on NDWR's website at <http://water.nv.gov/WaterLevelData.aspx>, or via the Nevada Hydrology Data Mapping Application, accessible at <http://water.nv.gov/mapping.aspx>. Groundwater level data are also collected by the U.S. Geological Survey (USGS) and may be accessed through their website at <https://waterdata.usgs.gov/nv/nwis/gw>.

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 255 acre-feet.

TABLES

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

YEAR	COM	DOM	IND	IRR	MM	MUN	QM	WLD	TOTAL
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
2019	1,636	255	0	13,909	772	149	276	8	17,005

FIGURES

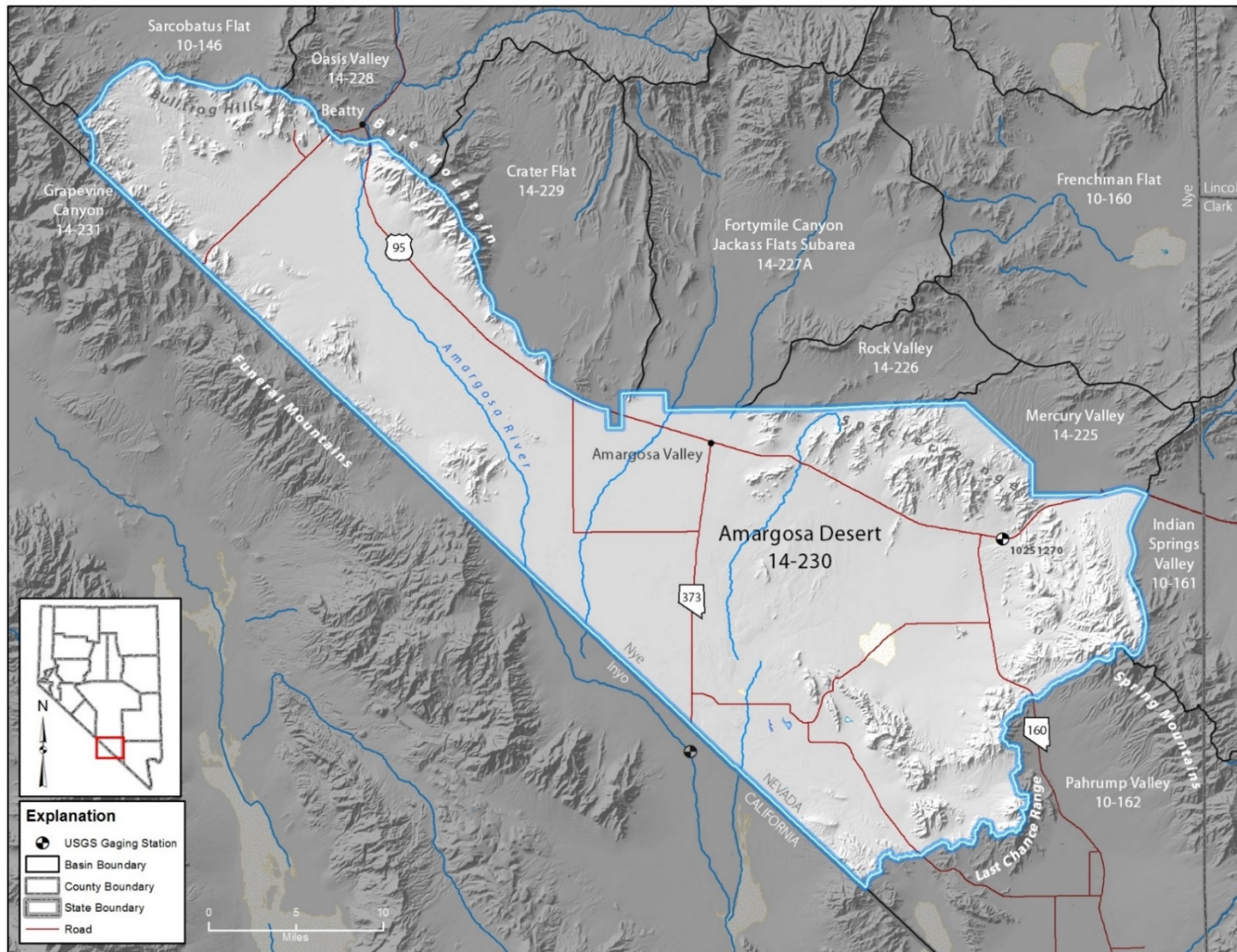


Figure 1. Physiographic map of Amargosa Desert (Hydrographic Basin 14-230).



Figure 2. Amargosa Desert water level measurement sites.

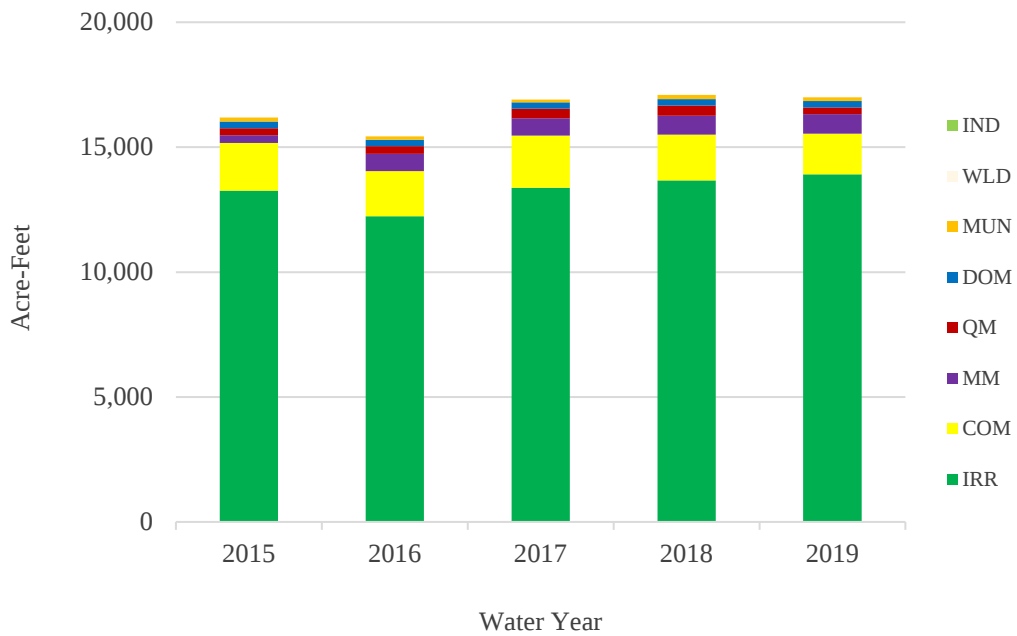


Figure 3. Amargosa Desert historical pumpage by manner of use.

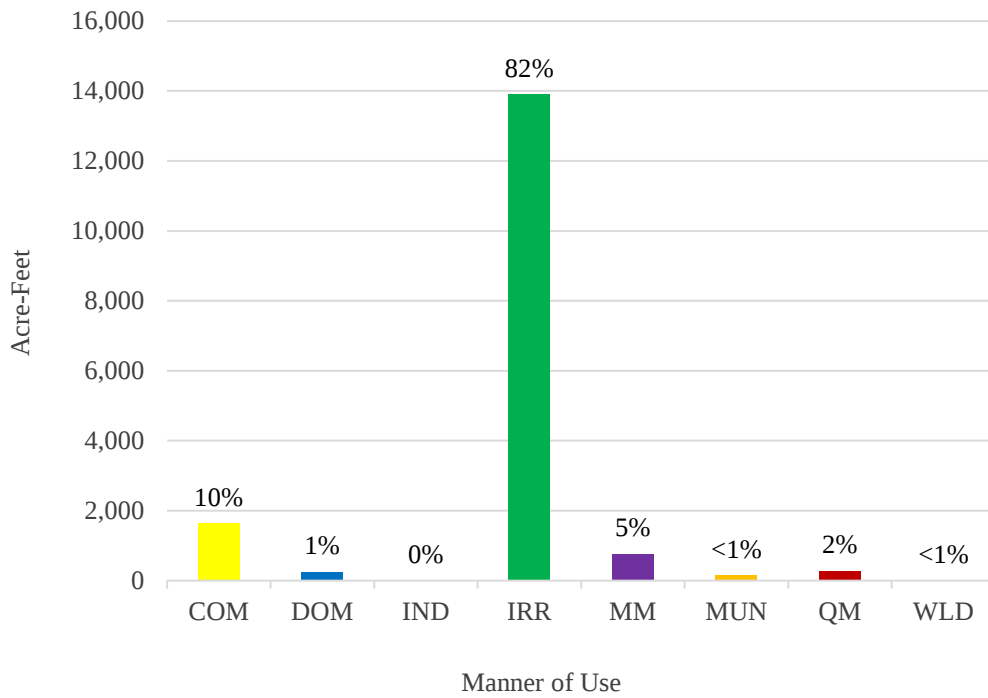


Figure 4. Percentage of 2019 groundwater pumpage by manner of use.

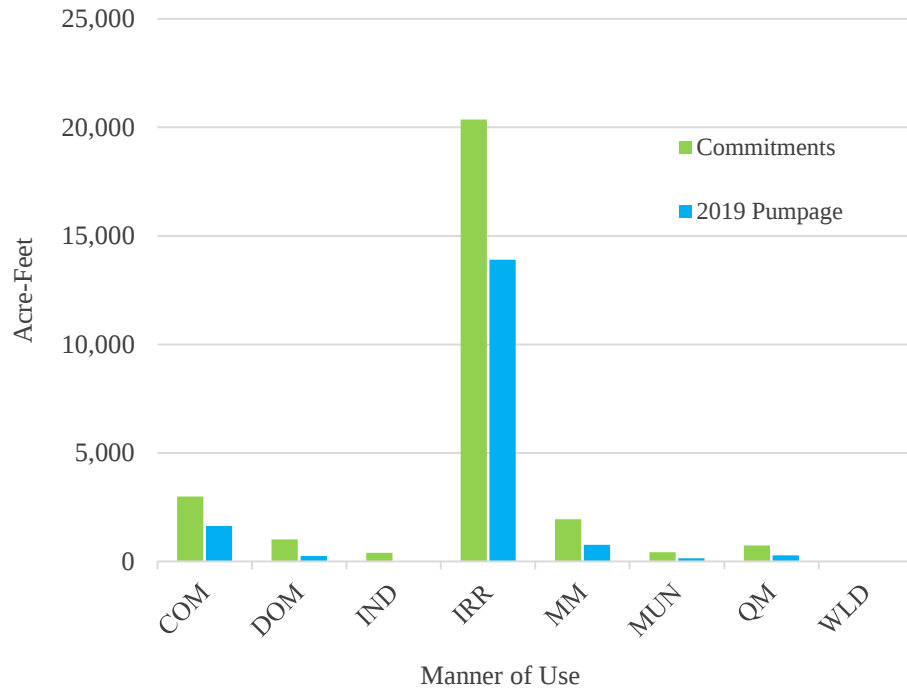


Figure 5. Comparison between 2019 groundwater commitments and estimated pumpage.

**APPENDIX A. AMARGOSA DESERT 2019 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>IND - Industrial</td><td>IRR - Irrigation</td></tr> <tr> <td>MM - Mining & Milling</td><td>MUN - Municipal</td></tr> <tr> <td>QM - Quasi-Municipal</td><td>WLD – Wildlife</td></tr> </table>	COM - Commercial	DOM - Domestic	IND - Industrial	IRR - Irrigation	MM - Mining & Milling	MUN - Municipal	QM - Quasi-Municipal	WLD – Wildlife
COM - Commercial	DOM - Domestic								
IND - Industrial	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
2019

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				
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		08-07-18 - <u>1</u> ,162,699,000
			SW	SW				31.40	31.40		08-02-19 - <u>1</u> ,376,102,000
			SE	SW				<u>31.40</u>	<u>31.40</u>		
			TOTAL					125.60	125.60	644.01	
15702	Cert.	W. Dewitt	SE	NE	14	16	48	35.00	35.00	246.57	S/N 16-10550-06 08-07-18 - <u>123</u> ,779,300 08-02-19 - <u>203</u> ,025,300 ABC Well
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		08-07-18 - <u>3</u> ,792,070 * 0.001 ac-ft
85465	Permit		SW	NE				30.15	30.15		08-02-19 - <u>4</u> ,415,460 * 0.001 ac-ft
			SE	NE				<u>30.15</u>	<u>30.15</u>		Well No. 1
			TOTAL					120.60	120.60	632.05	
16047	Cert.	S. Harneit	NE	SW	9	16	49	40.00	1.21		Includes wind break (1.21 acres)
72095	Permit		NW	SW				<u>40.00</u>	<u>0.00</u>		
								80.00	1.21	3.03	
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	QM	14.32	09-21-18 - 25,195,000 09-17-19 - 31,420,000
16562	Cert.	E. Goedhart	NE	NE	16	16	48	37.50	37.50		S/N 04-02545-10 Broken meter
70142	Permit		NW	NE				40.00	40.00		08-07-18 - 29,007,000
88454T	Exp.		SE	NE				<u>20.05</u>	<u>20.05</u>		08-02-19 - 29,007,000
			TOTAL					97.55	97.55	790.82	S/N 03-04244-10 08-07-18 - <u>4</u> ,733,376,000 08-02-19 - <u>4</u> ,987,536,000
									IND	0.00	No industrial use from this well.
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		08-07-18 - 599,662 x 0.001 ac-ft
			SW	SW				31.25	0.00		08-02-19 - 599,662 x 0.001 ac-ft

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2019

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE				ACRES	ACRES IRR	USED (A/F)	REMARKS	
			QQ	Qtr	Sec	T	R	OR DUTY			OR USE
17657A01 Cert. 6978		J. Acomb	SE	SW				<u>31.25</u>	<u>0.00</u>	0.00	Domestic, lawn & fruit trees For 13.416 acres Use NIWR for Turf Grass Sprinklers
			TOTAL					125.00	0.00		
			NE	NW	15	16	48	5.69	1.25		
			SW	NW				2.73	0.50		
			SE	NW				<u>5.00</u>	<u>0.00</u>		
			TOTAL					13.42	1.75		
18222	Cert.	Morris De Lee Family Trust	NE	NE	30	16	49	28.45	28.45	617.90	No meter Permitted Duty = 617.9 ac-ft/yr Alfalfa, Pivot, NIWR = 5.3 NIWR pumpage calculation is greater than duty Issue full duty.
			NW	NE				29.47	29.47		
			SW	NE				31.39	31.39		
			SE	NE				29.97	29.97		
			NE	NW				27.69	27.69		
			NW	NW				28.92	28.92		
			SW	NW				30.94	30.94		
			SE	NW				<u>29.21</u>	<u>29.21</u>		
			TOTAL					236.04	236.04		
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	162.64	S/N 06-06192-06 08-31-18 - <u>568,996,300</u> 08-07-19 - <u>618,508,600</u>
18772	Cert.	Apple Ranch, LLC	SE	NE	19	16	48	14.50	0.00	1.00	Domestic, lawn & fruit trees Use NIWR for Turf Grass Sprinklers and domestic use for two lots. Duty is 51.98 AFA
			NW	NW	20	16	48	20.00	0.00		
			SW	NW	20	16	48	<u>16.60</u>	<u>0.00</u>		
								51.10	0.00		
19034	Cert.	Gilgan	SE	NE	8	17	49	37.46	0.00	0.71	No meter Domestic, sparse windbreak Use NIWR for Turf Grass Wheel Line
21584	Cert.		NE	SE				20.63	0.00		
			SE	SE				<u>1.91</u>	<u>0.10</u>		
			TOTAL					60.00	0.10		
19448	Cert.	B. Barrackman	NW	NW	7	16	48	36.60	36.60	138.52	S/N 96-04661-04 08-31-18 - <u>288,959,800</u> 08-07-19 - <u>331,128,500</u>
19916	Cert.	T&T Land Co.	NE	NE	24	16	48	40.00	28.50		Use NIWR for LM Pasture Grass Sprinklers.
			NW	NE				40.00	32.75		

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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	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		Use NIWR for Alfalfa, Pivot. Power Meter.
22761	Cert.		NW	SE				40.00	0.00		TCD is 800 acre-feet
			SE	SE				40.00	0.00		
			SW	SE				<u>40.00</u>	<u>0.00</u>		
			TOTAL					160.00	0.00	0.00	
20162	Cert.	Bailey	NW	NE	35	16	49	20.00	20.00		S/N 01-01385-4
81510	Permit	Bailey	NE	NW				<u>10.00</u>	<u>10.00</u>		09-25-18 - <u>111,265,700</u>
			TOTAL					30.00	30.00	129.29	09-19-19 - <u>124,4919,900</u> S/N 11-06751-06 09-25-18 - 706,787 * 0.001 09-19-19 - 793,359 * 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		
			NE	NW				30.70	0.00		
			SW	NW				30.71	0.00		
			SE	NW				30.71	0.00		
			Lt	9	36	16	48	26.00	0.50		
			Lt	10				19.90	1.00		
			Lt	11				<u>26.00</u>	<u>0.50</u>		No meter
			TOTAL					194.72	2.00	12.00	Use NIWR for Pasture, sprinklers
21593	Cert.	Dept. of Transportation	SW	SW	18	15	50	16.14	DOM	16.14	Amargosa Rest Area
				E2	18	15	50				No visible meter. Three buildings.
				Lt30	18	15	50				Four bathrooms, four sinks
				Lt31	18	15	50				Two water fountains
				Lt32	18	15	50				Approximately 40 trees and 10 shrubs
				Lt33	18	15	50				One storage shed on NDOT PROW
22233	Cert.	Boyd Family Trust	NE	NE	36	16	48	29.00	3.00	18.00	Fruit trees, lawn and windbreak. Use NIWR for HM Pasture, Sprinklers

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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				
22746	Cert.	Morris DeLee Trust	NW	SE	19	16 49	40.00	31.25		No meter
			NE	SE			40.00	31.25		Issue full duty.
			SW	SE			40.00	31.25		NIWR pumpage calculation is greater
			SE	SE			<u>40.00</u>	<u>31.25</u>		than duty
			TOTAL				160.00	125.00	625.00	
24585	Cert.	K. Garey	SE	SW	9	16 49	8.75	8.00		Use NIWR for HM Pasture, Sprinklers
64997	Cert.	Chadwick					5.00	2.00		
							<u>0.00</u>	<u>0.00</u>		SW SE SW METERED
			TOTAL				13.75	10.00	60.00	
24725	Cert.	Coral Cay Trust	NE	NW	18	16 48	37.76	31.25		S/N 16-14992-10
			SE	NW			39.24	31.25		08-07-18 - 441,318,000
			NW	NE			38.79	31.25		08-02-19 - 730,780,000
			SW	NE			<u>39.70</u>	<u>31.25</u>		Beverly Hills - East
			TOTAL				155.49	125.00	900.66	
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
										09-05-18 - 37,177,100
										09-12-19 - 37,177,100
										Use NIWR for HM Pasture, Sprinklers
										Broken Meter
26152	Cert.	Ralph McCracken	SE	SE	8	16 48	12.00	11.21		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	<u>30.00</u>	<u>5.00</u>		Sprinklers (drip)
							72.00	16.21	40.53	
26283	Cert.	Coral Cay Trust	NW	NW	18	16 48	40.00	40.00		S/N 19-00137-10
			SE	SW			2.11	2.11		08-02-19 - 131,447,000
			NE	SW			40.00	31.25		New Meter
			NW	SW			<u>40.00</u>	<u>40.00</u>		2019 Pumpage = 2018 Pumpage
			TOTAL				122.11	113.36	610.55	Triticale, Sorghum, Alfalfa and Hemp
										Beverly Hills - West
27812	Cert.	Lhoist North America	NW	NW	28	17 48	310.81	MM	685.01	S/N 00860896
29451	Cert.		SW	NW			4.99			09-13-18 - Gate Locked

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2019

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES	ACRES IRR	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R	OR DUTY	OR USE		
29452	Cert.				29			4.99			08-01-19 - 3,062,200
64456	Cert.							68.80			S/N 00860895 09-13-18 - Gate Locked 08-01-19 - 73,027,500 Two wells. TCD is 242.007 MGA 2019 pumpage = 2018 pumpage
28062	Permit	Cohan	SW	SE	2	18	49	119.90	QM	30.99	S/N 00860902
45061	Permit	Amargosa Church	SE	SW							09-13-18 - 530,000
			SW	SW							09-30-19 - 663,300
			NW	NE	11						S/N 37268
			NE	NW							09-13-18 - 59,436,200
											09-30-19 - 69,870,200
29069	Cert.	Phillip K. Gobin	NE	NE	8	16	49	6.18	1.00	6.00	No Meter Use NIWR for HM Pasture, Sprinklers
30411	Cert.	Geneerco, Inc.	NW	SE	23	16	48	30.30	30.30		S/N 13-010274-08
			NE	SE				30.33	30.33		08-07-18 - 618,496,600
			SW	SE				30.33	30.33		08-02-19 - 741,658,100
			SE	SE				30.33	30.33		Well No. 2
			TOTAL					121.29	121.29	382.74	Triticale, Sorghum, Alfalfa
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 08-17-18 - No meter 08-09-19 - 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		08-07-18 - 672,296,800
			SW	NW				29.17	29.17		08-02-19 - 775,231,500
			SE	NW				29.16	29.16		Alfalfa, Sorghum and Triticale, Well No. 4
			TOTAL					116.67	116.67	320.28	
38363	Cert.	D. Dewitt	NW	NE	26	16	48	29.17	29.17		S/N 06-11074-08

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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	NE			29.17	29.17		08-07-18 - 157,184,700
			SW	NE			29.17	29.17		08-02-19 - 372,441,100
			SE	NE			<u>29.16</u>	<u>29.16</u>		Alfalfa, Well No. 3
			TOTAL				116.67	116.67	669.77	
40954	Cert.	Raetz	SE	SE	22	16 49	3.74	0.54		S/N 139101
83190	Permit		SE	SW			<u>5.80</u>	<u>3.00</u>		09-25-18 - 10,344,720
			TOTAL				9.54	3.54	19.12	09-17-19 - 16,438,350
43873	Cert.	D. Dewitt	NW	NW	24	16 48	29.17	29.17		S/N 13-01028-08
			NE	NW			29.16	29.16		08-07-18 - 736,886,700
			SW	NW			29.17	29.17		08-02-19 - 888,814,300
			SE	NW			<u>29.17</u>	<u>29.17</u>		Duty limited to 545.38 Ac-Ft
			TOTAL				116.67	116.67	472.72	Well No. 7
45061A01	Cert.	F. Mutz	SW	SE	02	18 49	1.12	QM	1.12	S/N 255278
										09-26-18 - Meter Removed
										09-27-19 - Meter Removed Issue Full Credit
45162	Cert.	Horizon Academy LLC	SE	SW	2	17 49	9.76	QM	15.98	S/N 04-08800-4 (East Well)
45163	Cert.									09-25-18 - 65,362,300
71880	Permit						14.00	COM	12.84	09-17-19 - 70,454,100
										S/N 04-08801-4 (West Well) 09-25-18 - 101,889,800 09-17-19 - 105,980,700
45740	Cert.	Blackwell	NE	NW	27	16 49	3.38	QM	3.38	S/N 37265
										09-25-18 - 40,007,900
										09-17-18 - 40,007,900
										1 - home, 2 - mobile homes Broken Meter. Issue full credit
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	6.68	S/N 1753055
80990	Permit		S2	S2						09-27-18 - 10,957,900
										09-27-19 - 12,938,400 S/N 92808999

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2019

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 - 255,050 09-27-19 - 450,250 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									09-27-19 - 59,936,300
48482	Cert.										Well for Permit No. 66397
48483	Cert.										Broken meter. Issue partial credit
66397	Cert.	American Borate									Five remaining wells are in California 2019 Pumpage = 2018 Pumpage
49804	Cert.	Howard	SE	SE	26	16	49	0.12	QM	0.13	S/N 80498210 09-25 -18 - 76,780 09-09 -19 - 117,210 Post Office
49885	Cert.	Dave Rau	SE	NW	12	17	48	13.00	7.00	30.69	S/N 8781875 09-20-18 - <u>1</u> ,234,458 * 0.001 ac-ft 09-24-19 - <u>1</u> ,265,486 * 0.001 ac-ft
50385	Cert.	Nye County	NW	NE	16	16	49	32.53	QM	35.64	S/N 12-03210-03
78935	Permit							50.00			09-05-18 - 150,644,000 09-12-19 - 162,481,000 Baseball Field and park
51915	Permit	Farm Road, LLC	SE	SE	26	16	49	9.70	COM	0.00	S/N 98377840 09-25-18 - 7,015,300 09-17-19 - 7,015,300
53181	Permit	Marsh	SW	SW	2	18	49	57.91	QM	40.40	S/N 08-01339-03
53182	Permit		SE	SW				96.78			09-26-18 - <u>9</u> 7,661,380
63407	Permit							10.00	COM	0.51	09-26-19 - <u>11</u> 0,825,560 S/N 964993 09-26-18 - <u>11</u> 8,819,310 09-26-19 - <u>11</u> 8,985,890
54271	Cert.	Nye County	SE	NE	7	17	52	1.22	QM	7.11	S/N 76936101 09-28-18 - 2,737,580 09-30-18 - 5,065,900

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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				
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		08-07-18 - 371,284,500
			SW	NW				40.00	30.00		08-02-19 - 371,284,500
			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	0.44	S/N 74049644 09-25-18 - 438,050 09-17-19 - 579,610
59400	Can	Hendrix Family Trust	SE	SW	18	15	50	4.00	COM	5.11	S/N 49472021 08-08-18 - 742,232 09-17-19 - 989,004 Units are in cubic feet.
60162	Cert.	Mathewson	NW	NW	15	16	48	2.50	0.50	0.05	S/N 64460951 08-17-18 - 17,577,200 08-09-19 - 17,592,500
60433	Cert	Fowler	NW	NW	15	16	48	2.50	2.00	12.72	S/N 5622115 09-29-18 - 101,829,000 08-18-19 - 105,495,600
60434	Cert.	Fowler	SW	NW	15	16	48	2.00	2.00	3.57	S/N 5622116 09-29-18 - 90,140,400 08-18-19 - 91,168,900
60435	Cert.	Romero	NW	NW	15	16	48	1.80	0.30	1.80	S/N 53534338
66065	Cert.							2.80	QM	1.00	08-17-18 - 5,404,000 09-12-19 - 5,404,000 Use NIWR for LM Pasture, Sprinklers
60439	Cert.	Amargosa 9, LLC	NE	NW	15	16	48	8.33	1.00	7.41	S/N 51953126 08-17-18 - 57,136,900 08-09-19 - 59,498,800

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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					
60450	Cert.	Romero	NW	NW	15	16	48	1.36	1.00	3.54	S/N 51527163 08-17-18 - 41,251,400 08-08-19 - 42,375,300	
60455	Cert.	Martell	NW	NW	15	16	48	2.50	1.50	1.60	S/N 97800122 08-17-18 - 52,688,900 08-09-19 - 53,199,200	
60463	Cert.	Durgin and Booth	NW	NW	15	16	48	2.50	0.50	0.52	S/N 2107854 08-17-18 - 41,780,200 08-09-19 - 41,947,400 Use NIWR for Turf Grass, Sprinklers	
60466	Cert.	Williams	SE	NW	15	16	48	1.50	1.50	1.75	S/N 37987421 08-17-18 - 24,011,300 08-09-19 - 24,570,200	
60471	Cert	Dolby	NW	NW	15	16	48	1.00	1.00	2.91	S/N 51294862 08-17-18 - 32,621,500 08-09-19 - 33,549,300	
60472	Cert.	Villalobos	SE	NW	15	16	48	2.00	2.00	6.44	S/N 2170277 09-28-18 - 48,982,900 09-29-19 - 51,088,700 Replacement Well installed.	
60705	Permit	Shum	SE SW NW NE	SW SW NW NW	18 19	15	50	13.68	COM	9.42	S/N 18081479 09-17-19 - 1,298,100 New Meter 2019 Pumpage = 2018 Pumpage	
61413 66120 66121	Cert. Permit Permit	Beatty Water					12	46	613.78	MUN	149.21	For EW-4. Meter readings supplied by Beatty Water
62465	Cert.	Selbach	SW	NW	7	16	48	1.61	0.50	0.79	S/N 53761133 08-31-18 - 26,372,000 08-07-19 - 26,613,000	
62918 62919	Cert Cert	Geneerco	NW NE	SW SW	23	16	48	27.99 27.99	27.99 27.99		S/N 06-07018-08 08-07-18 - 1,291,980 * 0.001 ac-ft	

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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				
63151	Cert		SW	SW				27.99	27.99		08-02-19 - 2,079,010 * 0.001 ac-ft
63152	Cert		SE	SW				<u>27.99</u>	<u>27.99</u>		TCD = 559.80 ac-ft/yr
63153	Cert		TOTAL					111.96	111.96	797.96	Alfalfa, Well No. 5
63174	Cert										
63143	Cert.	Nye County	SE	NE	8	16	49	9.55	QM	3.13	S/N 63416933
78936	Permit										09-28-18 - 20,436,500 09-30-19 - 21,461,500
63234	Permit	Villalobos	SE	NE	8	16	49	4.55	2.00	7.42	S/N 57247095 09-28-18 - 24,562,300 09-03-19 - 26,880,200
63565	Cert.	Lhoist	NE	SE	12	17	48	14.22	14.22	65.68	S/N 17-09525-06
63566	Cert.										09-24-19 - 86,316,200
65473	Cert.										New Meter
65474	Cert.										Issue Full Duty TCD = 65.68 ac-ft/yr Pasture, Wheel Line, NIWR = 4.5
63715	Cert.	Church of Amargosa	NE	NW	15	16	48	5.10	COM	1.00	S/N 51768764 08-17-18 - 2,862,300 08-09-19 - 2,862,300 Broken Meter, Issue partial credit
64169	Cert.	Nye County	SW	NE	7	17	52	0.73	QM	2.95	S/N 66926668 09-28-18 - 203,180 09-30-19 - 1,169,150
64767	Cert.	Rockview Dairies		NE	4	17	49	1271.46	COM	337.05	Barn II Well - S/N 17-10112-06
66042	Cert.			SE							08-07-18 - 19,409,300
76218	Permit			NE	9						08-02-19 - <u>127,732,800</u>
82750	Permit			NW							
82752	Permit			SE					COM	394.83	Hay Bale Well - S/N 07-01390-10
82753	Permit			SW							08-07-18 - 375,497,000

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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																					
82754	Permit		NW	NE	10						08-02-19 - 502,390,000																	
82756	Permit			NW	15																							
82757	Permit			SE							COM	268.65	Barn I - Scale House - S/N 14-15467															
82758	Permit			SW										08-07-18 - 203,675,600														
82759	Permit			NW											08-02-19 - 290,016,200													
82760	Permit			SE																								
82761	Permit			SW												COM	373.62	Fatman Well - S/N 14-16112-10										
82762	Permit			SW															08-17-17 - 678,489,000									
84286	Permit			08-07-18 - 862,127,000																								
84287	Permit																			Total use 498.47 AF, see 82739 for IRR								
84288	Permit																											
84289	Permit																				COM	21.25	Vet's House Well - S/N 12-07200-04					
84290	Permit																							08-07-18 - 3,980,300				
84291	Permit																								09-30-19 - 11,928,800 Broken meter			
84292	Permit																											
84293	Permit																									COM	72.83	Honig well
84296	Permit																											
84297	Permit	08-07-18 - 32,412,200																										
84304	Permit		08-02-19 - 55,819,300																									
84305	Permit																											
65237	Cert.				Barrackman	LT2	NW	7	16	48	2.00	COM	0.83	S/N 58311943														
65320 78832	Cert.				U.S. Fish & Wildlife USFW	NE	NE	2	18	50	9.42	WLD	7.74	S/N 1102-110/4315529														
	Permit														09-13-18 - 5,007,832													
																09-26-19 - 7,364,286												
																	Well No. ME-13											
				S/N 1102-110/4315526																								
																		09-13-18 - 5,652,864										
																			09-26-19 - 5,907,036									
	Well ME-16 (Diversion rate only)																											
65746					Cert.	Geneerco, Inc	NW	NW	23	16	48	17.24	17.24	S/N 13-01030-08														
66323					Cert.		NE	NW				17.24	17.24	08-07-18 - 580,717,200														
66324				Cert.	SW		NW				17.24	17.24	08-02-19 - 724,970,800															
67955				Cert.	SE		NW				17.24	17.24	Well No. 6															
68451				Cert.						68.96	68.96	448.85																
78755	Permit																											

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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 08-31-18 - 94,821,500 08-07-19 - Meter box locked 2019 Pumpage = 2018 Pumpage
66083	Cert.	Cameron	NW	NE	36	16	49	2.50	1.00	0.63	S/N 58191861 09-27-18 - 41,276,100 09-19-19 - 41,477,700
66150	Cert.	Vogt Trust	SE	SW	18	16	48	2.34	0.00	0.00	S/N 65447112 09-27-18 - 45,278,100 08-07-19 - 45,278,200
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	16.12	S/N 1567525 09-26-18 - 71,824,300 09-30-19 - 77,136,000 20 +/- Mobile homes, landscaping
66445	Permit	Selbach	SE	NE	16	16	48	4.48	2.00	6.18	S/N 09126298 09-27-18 - 55,243,400 08-09-19 - 56,986,600
67393 77066	Cert Permit	Bell U.S. Ecology	NW NE	NE NW	35	13	47	20.00 25.00	COM	28.94	S/N 14018026 08-08-18 - 28,488,000 09-24-19 - 39,161,000
67643	Permit	Creel	NE	NE	36	16	48	9.00	0.80	2.52	S/N 57369904 09-27-18 - 454,400 09-27-19 - 564,320 Units are in cubic-feet
68086	Cert.	Bracamontes	SE N2	NW SE	15	16	48	15.00	COM	3.41	S/N 003867 08-17-18 - 45,800,100 08-09-19 - 46,888,200

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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	17.67	S/N 17-043571 08-09-19 - 25,848,7500 New meter NIWR HM Pasture, Sprinklers
68342	Cert	Amargosa Christian	SE	SW	9	16	49	2.00	COM	2.04	S/N 07-023530 09-05-18 - 210,300 09-12-19 - 889,000
68856	Permit	Morris DeLee	NE	SW	19	16	49	31.25	0.00	0.00	Well Visible. No Meter
68857	Permit		NW	SW				31.25	0.00		
68858	Permit		SE	SW				31.25	0.00		
			SW	SW				<u>31.25</u> 125.00	<u>0.00</u> 0.00		
68884	Permit	Smotrich Trust	NE	SW	19	16	49	40.00	0.00	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> 160.00	<u>0.00</u> 0.00		
68993	Cert.	Farm Road LLC	LT	3	2	17	49	20.00	COM	0.00	S/N 07-11977-02 Not in use 09-25-18 - 655,261 * 0.0001 ac-ft 09-17-19 - 655,261 * 0.0001 ac-ft
			SE	NW							
69659	Cert.	Jacobs	NE	SW	22	16	49	2.20	QM	0.00	S/N 225250 09-25-18 - 2,320,000 09-17-19 - 2,320,000
69660	Cert.	Jacobs	NE	SW	22	16	49	2.20	QM	1.38	S/N 225240 09-25-18 - 1,422,900 09-17-19 - 1,863,800
69661	Cert.	Jacobs	NE	SW	22	16	49	2.20	QM	0.17	S/N 225314 09-25-18 - 3,519,300 09-17-19 - 3,574,100
69693	Cert.	Facundo	SW	3	12	17	48	2.24	QM	1.72	S/N 14-2147 09-29-17 - 1,863,500 09-20-18 - Gate Locked

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
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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				
											09-27-19 - 2,745,700
69701	Permit	Ash Meadows, LLC	NE	NW	25	18	50	2.61	MM	2.11	S/N 85868658 New meter
85851	Permit	1948164 Alberta Ltd.	NW	NE							09-26-19 - 5,137,700
			SE	SW							2019 Pumpage = 2018 Pumpage
69729	Cert.	Farm Road LLC	NW	NW	27	16	49	180.40	COM	8.00	S/N 18081478 New meter
70673	Cert.		NE	NW							09-19-19 - 476,200
70674	Cert.		SW	NW							2019 Pumpage = 2018 Pumpage
73501	Permit		SE	NE	28	16	49				
70035	Cert.	Nye County	SW	SE	9	16	49	15.00	COM	2.17	S/N 14-018916
											09-27-18 - 1,736,000
											09-12-19 - 2,413,000
70047	Cert.	Bailey	NW	NW	7	17	49	1.27	QM	5.61	S/N 04 004377
											09-21-18 - 15,267,200
											09-24-19 - 17,109,600
70150	Cert.	Rockview Dairies	NW	NE	7	17	49	4.48	QM	8.44	S/N 63353812
											08-07-18 - 30,803,300
											08-02-19 - 33,515,200
70188	Cert.	Powell	SE	SW	18	16	48	1.12	QM	0.86	S/N 007060
											09-27-18 - 3,682,200
											08-07-19 - 3,923,900
70231	Permit	Gonzales	NE	SW	7	16	48	25.50	COM	3.82	S/N 51953125
											08-31-18 - 41,972,100
											08-31-18 - Gate Locked
											2019 Pumpage = 2018 Pumpage
70232	Permit	R. Gil	LT	7	35	16	49	2.00	COM	1.00	S/N 013285
											09-27-18 - 513,400
											09-27-19 - Gate locked
											2019 Pumpage = 2018 Pumpage
70349	Permit	Rockview Dairies	NW	SW	9	17	49	5.00	QM	5.00	S/N 20141289-02 Broken meter
											08-07-18 - 32,668,900
											08-02-19 - 32,668,900

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2019

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				
											Windjammer Domestic
70435	Cert.	Bjorklund	NW	SE	12	17	48	2.00	2.00	11.52	S/N 65559422 09-21-18 - 49,698,100 09-27-19 - 53,514,300
70487	Cert.	Hernandez	NW	NE	8	16	49	1.68	QM	1.68	S/N 04-004259 Issue Full Credit 09-05-18 - Meter Removed 09-12-19 - Meter Removed
70679	Cert.	Nye County	SW	SE	9	16	49	15.00	QM	12.31	S/N 15484585 09-05-18 - 21,483,900 08-07-19 - 25,176,600
74013	Cert.		SE	SE				15.00			
70715	Cert.	Wahl	SE	NW	35	16	49	19.20	19.20	39.98	S/N 02-07771-6 (North Well) 09-25-18 - 867,824 * 0.001 ac-ft 09-19-19 - 887,839 * 0.001 ac-ft S/N 02-07772-6 (South Well) 09-25-18 - 1,896,725 * 0.001 ac-ft 09-19-19 - 1,916,036 * 0.001 ac-ft
70716	Cert.		SW	NE				<u>8.94</u>	<u>8.94</u>		
70717	Cert.							28.14	28.14		
70718	Cert.										
70864	Permit	Hernandez	NE	SE	26	16	49	2.02	COM	1.49	S/N 68747957 09-25-18 - 3,834,000 09-17-19 - 4,308,200
71257	Cert.	Perez	SE	NE	8	16	49	2.00	QM	1.50	S/N 5959608 Issue Partial Credit 09-05-18 - Meter Removed 09-12-19 - Meter Removed
71474	Cert.	Barajas	LT	9	7	17	49	1.68	QM	1.00	S/N 562026 09-20-18 - 3,180,581 09-27-19 - 3,180,581 Broken Meter, Issue Partial Credit
72012	Cert.	Mosley	NW	SE	12	17	48	5.00	1.50	5.11	S/N 08-005855 09-20-18 - 14,554,900 09-27-19 - 16,250,600
72130	Permit	Barajas	NE	NW	11	17	49	2.00	COM	1.44	S/N 563874 09-25-18 - 4,162,420

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2019

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				
											09-19-19 - 4,624,380
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 06-27-19
73093	Permit										
77254	Permit										
77255	Permit										
73596	Abr.	Gehring	NE	NW	33	16	49	26.60	26.60	30.88	S/N 08-02764-04 09-21-18 - <u>1</u> 72,591,300 09-19-19 - <u>1</u> 82,596,900
73880	Permit	LCF Horticulture	SE	NW	15	16	48	10.00	COM	8.20	S/N 97454023 08-17-18 - <u>1</u> 23,431,400 09-12-19 - <u>1</u> 26,293,600
73881	Cert.	LCF Horticulture	NW	NW	15	16	48	38.68	COM	33.58	S/N 8480231 08-17-18 - <u>1</u> 68,108,000 09-12-19 - <u>1</u> 79,830,000
79686	Permit		SW	NW							
74208	Cert.	Seley	NE	NE	7	17	49	1.20	1.00	9.18	S/N 08-008789 09-20-18 - 19,751,100 09-24-19 - 22,776,300
74622	Cert.	Carter	NW	SW	10	16	48	1.20	1.20	5.44	S/N 60527928 09-28-18 - 13,757,700 09-30-19 - 15,539,600
74747	Permit	Green Mountain Ranch	SW	NW	15	16	48	9.08	COM	0.00	S/N 6005447 Vacant home 08-17-18 - Gate Locked 08-09-19 - Gate Locked
75028	Cert.	R. Regan	SW	SE	36	16	51	9.95	2.00	9.73	S/N 14-014221 09-26-18 - 13,899,200 09-27-19 - 17,078,800
75176	Cert.	Franklin Lake	NW	NE	1	17	48	4.02	COM	0.37	S/N 07- 018568 09-27-18 - 6,186,650 09-27-19 - 6,308,600
75275	Permit										
75824	Cert.	Ministerio Roca Solida Iglesia	SW	SW	21	17	50	2.00	COM	1.38	S/N 07-018295 08-08-18 - 4,018,950

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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				
											09-26-19 - 4,529,350
75835	Permit	E Street Apartments	SE	SE	10	16	49	2.10	COM	0.00	S/N 67305265 Vacant land 08-31-18 -No meter 09-12-19 -No meter
76145	Permit	Amargosa Gil, LLC		SE	7	17	49	15.56	15.00	72.00	S/N 14-02477-08 Broken Meter
83483	Permit			Lt14	7	17	49	23.85	QM	5.00	09-20-18 - 189,078,500 09-24-19 - 189,548,000
76390	Permit	Barrick Bullfrog			33	12	47	286.70	MM	0.00	Meter readings supplied by Barrick Bullfrog
					34						
					35						
					1	13	47				
					2						
					3						
					4						
					5						
					9						
					10						
					11						
					16						
76547	Permit	Olson Family Trust	NW	NE	25	16	48	20.00	0.00		Well visible. No meter
88211	Permit		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		09-20-18 - 291,423 * 0.001 ac-ft
			TOTAL					80.00	0.00	1.82	09-24-19 - 293,262 * 0.001 ac-ft
77148	Permit	Nye County	**	**	**	**	**	2.02	QM	0.22	S/N 45170152 Fire station Little Nevada
81900	Permit							2.24	QM		09-26-18 - 5,987,100 09-26-19 - 6,058,700 ** Place of Use is Basin 230

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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				
77437	Permit	W. Hernstat	NE	NE	15	16	49	35.00	COM	0.00	Well Visible. No Meter
77438	Permit		S2	NE				8.00	COM	0.00	Property vacant
77464	Permit	LCF Horticulture	SE	NW	15	16	48	35.00	COM	0.00	S/N 66435787 Trees dying 08-17-18 - 54,839,900 08-09-19 - 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	11.47	S/N 10005307 09-25-17 - 9,151,400 09-20-18 - Gate Locked 09-30-19 - 14,138,000
78331	Permit	Weitman Trucking	SE	SE	26	16	49	2.00	COM	1.39	S/N 00977584 09-21-18 - 108,530 09-19-19 - 557,720
78383	Permit	DSJ2 Ltd.	NE	NE	03	16	48	5.00	COM	0.00	Well Visible, No Meter, POU vacant
78671	Permit	Jacobs	SW	SE	2	18	49	6.72	QM	1.74	S/N 00860886
			NW	NE	11	18	49				09-26-18 - 1,876,000 09-30-19 - 2,450,000
78672	Permit	Jacobs	SW	SE	2	18	49	6.72	QM	0.37	S/N 00860885
			NW	NE	11	18	49				09-13-18 - 22,100 09-30-19 - 147,000
78673	Permit	Jacobs	NW	NE	11	18	49	6.16	QM	11.15	S/N 00823118
			NE	NW	11	18	49				09-13-18 - 8,289,400 09-30-19 - 12,092,000

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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				
78768	Permit	Lynn	SE	SE	12	16	47	6.00	MM	8.22	S/N 01052014
82597	Permit							2.00			09-10-18 - 0 08-07-19 - Meter Removed 2019 Pumpage = 2018 Pumpage
78983	Permit	Uptown Solar Holdings	NE	NE	10	16	48	2.00	COM	0.00	S/N 12-001802
			SE	NE							09-05-18 - Meter Removed
			NE	SE							09-24-19 - Meter Removed
			SE	SE							Property vacant
79092	Permit	Amargosa Land	SE	NE	15	16	48	60.00	QM	0.00	Well not visible
79757	Permit	Culberson	SW	SE	2	18	49	2.24	COM	0.00	S/N 12-001876
											09-13-18 - 1,620
											09-26-19 - 1,620
80280	Permit	McCracken	S2	SW	24	12	46	22.00	COM	0.00	Beatty Airport, WNV
80547	Cert.	Wilson	SW	SE	2	18	49	2.24	QM	0.00	S/N 12-001715
											09-13-18 - 6,142,540
											09-26-19 - 6,142,550
80731	Permit	Desert Farm, Inc.	NW	NE	24	15	49	3.00	COM	0.00	S/N 0900078 Well Disconnected
80732	Permit										08-08-18 - Meter Removed
											09-17-19 - Meter Removed
80949	Permit	U.S. Fish & Wildlife	SW	NE	3	18	50	2.50	QM	1.01	S/N 60888416
80950	Permit		SE	NW							09-13-18 - 830,500
			NE	NW							09-26-19 - 1,173,000
			NW	NE							
81043	Permit	Picks and Shovels	SE	SW	2	18	49	5.60	COM	20.24	S/N 15-024750
											09-13-18 - 40,100
											09-27-19 - 6,888,800
81265	Permit	Nye County	**	**	**	**	**	80.00	QM	0.00	S/N 20120262-06
81266	Permit										08-08-18 - 3,193,200
											09-30-19 - 3,193,200
											** Place of Use is Basin 230

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2019

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				
81555	Permit	T. Marl	NW	NW	11	16	48	4.00	COM	1.64	S/N 14-061305
85010	Permit							2.00	COM		09-05-18 - 874,400
											09-12-19 - 1,417,400
81588	Permit	Jacobs	NW	SE	2	18	49	32.35	COM	0.92	S/N 03-8563-4
			NE	SW							09-26-18 - 2,694,400
											09-26-19 - 2,994,000
81609	Permit	G. Nelson	NW	SW	7	16	50	0.75	0.00	0.00	S/N 582202243
											09-05-18 - 51,876,000
											09-17-19 - 51,877,500
81747	Permit	P. McKinney	NE	NE	11	18	49	3.36	QM	3.58	S/N 11-007122
											09-13-18 - 2,292,260
											09-26-18 - 3,500,120
81828	Permit	M. Weitman	NE	NW	27	16	49	2.00	2.00	16.37	S/N 07020833
											09-21-18 - 41,479,900
											09-23-19 - 46,842,200
82739	Permit	Rockview Dairies	NE	NE	4	17	49	40.00	31.40	237.94	Sod Farm Well - S/N 01-08267-8
82740	Permit		NW	NE				40.00	31.40		08-07-18 - 891,562,800
82741	Permit		SE	NE				40.00	31.40		08-02-19 - 968,034,000
82743	Permit		SW	NE				40.00	31.40	443.86	
82747	Permit		NE	SE				40.00	31.40		Monster Well - S/N 09-03914-08
82748	Permit		NW	SE				40.00	31.40		08-07-18 - 1,066,981 * 0.001
82749	Permit		SE	SE				40.00	31.40		08-02-19 - 1,504,764 * 0.001
84282	Permit		SW	SE				40.00	31.40	999.23	
84285	Permit			NE	9			160.00	10.00		Champion Well - S/N 13-08440-08
84294	Permit			NW				160.00	20.00		08-07-18 - 806,709,900
84295	Permit			SE				160.00	0.00		08-02-19 - 1,127,850,600
84298	Permit			SW				160.00	125.60	284.11	
84299	Permit			NE	10			160.00	62.80		Windjammer Irrigation - S/N 13-00457-08
84303	Permit			NW				160.00	125.60		08-07-18 - 499,747,200
84306	Permit			SE				160.00	125.60		08-02-19 - 591,055,500
84818	Permit			SW				160.00	125.60	923.63	
84819	Permit		NE	NW	15			40.00	31.40		R2 Well - S/N 16-08534-10
86349	Permit		NW	NW				40.00	31.40		08-07-18 - 593,455,000

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230
2019

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				
86350	Permit		SE	NW			40.00	31.40		08-02-19 -890,297,000
86351	Permit		SW	NW			40.00	31.40		
86352	Permit		NW	SE			40.00	0.00	124.85	Fatman Well (Irrigation Portion Only)
86353	Permit		NE	SW			40.00	31.40		84294, 84295 and 84306
86354	Permit		SW	SW			40.00	31.40		See 76218 for meter readings
			NW	SW			<u>40.00</u>	<u>31.40</u>		
			TOTAL				1920.00	1066.20		TCD for irrigation NTE 3,805.83 AFA
83588	Permit	Lynn	SE	SW	2	18 49	3.36	QM	0.89	S/N 14-013845 09-13-18 - 3,689,280 09-26-19 - 3,989,460
84123	Permit	Valley Electric	NW	NW	19	16 49	1.00	COM	0.67	S/N 78915861 09-21-18 - 538,230 09-17-19 - 754,040
84300	Permit	Rockview Dairies	SW	NE	7	17 49	2.00	QM	0.89	S/N 18-07126-02 08-07-18 - 951 * 0.0001 08-02-19 - 9,686 * 0.0001
84301	Permit	Rockview Farms	SW	NW	15	17 49	5.08	QM	14.70	S/N 65404180 G Ranch Domestic
84302	Permit						5.08	QM		08-07-18 - 45,050,000 08-02-19 - 49,773,600 15-16 Mobile homes
84307	Permit	Rockview Dairies	NE	NW	10	16 48	28.40	28.40		S/N 13-01031-08
84308			SE	NW			<u>28.40</u>	<u>28.40</u>		08-07-18 - <u>501,192,800</u>
			TOTAL				56.80	56.80	444.76	08-02-19 - <u>644,134,300</u>
86118	Permit	Allied Building Materials	LT	01	35	16 48	20.00	MM	26.34	S/N 66704708 Issue partial credit
86119	Permit		LT	08						09-28-18 - 55,044,750 08-01-19 - 62,262,700
86213	Permit	Gehring	NE	NW	33	16 49	40.00	31.50		S/N 11-015744
86303	Permit		SE	NW			<u>40.00</u>	<u>20.00</u>		09-21-18 - 115,701,000
86304	Permit						80.00	51.50	83.53	09-19-19 - 142,770,000 TCD = 157.60 AFA
87406	Permit	Crystal 40, LLC	NW	SW	8	17 52	2.00	COM	0.70	S/N 81849907 09-26-18 - 448,730
			SW	SW						

GROUNDWATER PUMPAGE INVENTORY FOR AMARGOSA VALLEY, NO. 230

2019

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				

09-27-19 - 676,599

88212	Permit	Morris Delee Revocable			24	16	48	162.30	COM	10.00	09-12-19 - Well Visible. No meter
					25	16	48				Solar panels installed within place of use
					26	16	48				Issue partial credit
					19	16	48				
					30	16	48				
					31	16	48				
					36	16	48				

88781	Permit	Grind Mode 4, LLC	SE	SE	13	15	49	30.00	COM	0.00	09-12-19 - Well Visible. No meter
											Property vacant

88782	Permit	Grind Mode 4, LLC	SW	SE	5	16	49	20.00	COM	2.00	09-12-19 - Well Visible. No meter
											Two buildings and a storage shed
											Issue partial credit

TOTAL 16,767.34 Permitted Rights

Verified with field notes

**APPENDIX B. AMARGOSA DESERT 2019 GROUNDWATER PUMPAGE FIELD
NOTES**

2019

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: 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:

Frang R

DATE: **9/29/2019**

9/29/2019

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: 376,102,000

PHOTO: YES NO X

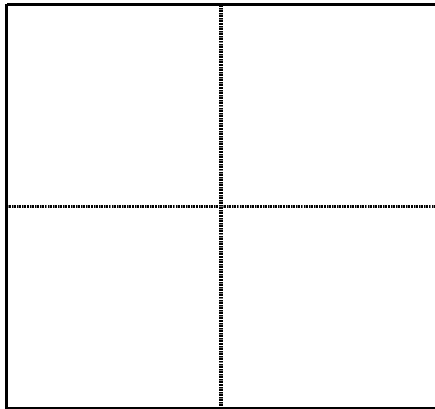
ACRES IRR: 125.6

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

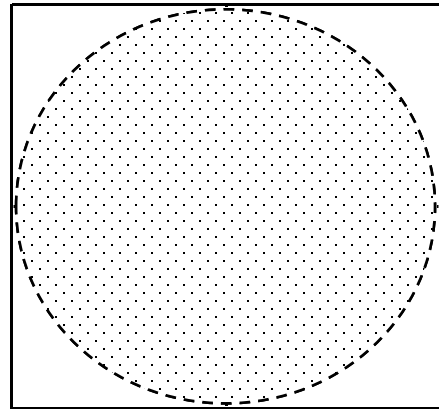
 1/4 1/4 SEC

 1/4 SW 1/4 SEC 01



 Place of Use

 Alfalfa



REMARKS:

08-07-18 - 1,162,699,000

08-02-19 - 1,376,102,000 = 213,403,000 gallons $\approx$ 664.01 acre-feet

SIGNATURE: 

DATE: 8/2/2019

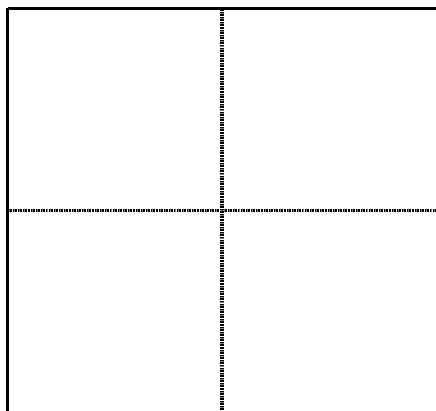
PUMPAGE INVENTORY FIELD REPORT

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: 3,025,300
 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

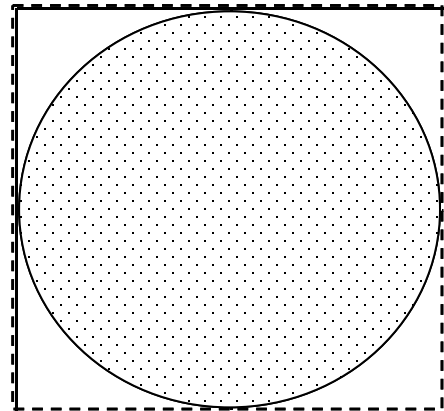
SE 1/4 NE 1/4 SEC 14



Place of Use



Alfalfa



REMARKS:

08-08-18 -123,779,300

08-02-19 -203,025,300 gallons = 246.57 acre-feet annually

SIGNATURE: 

DATE: 8/2/2019

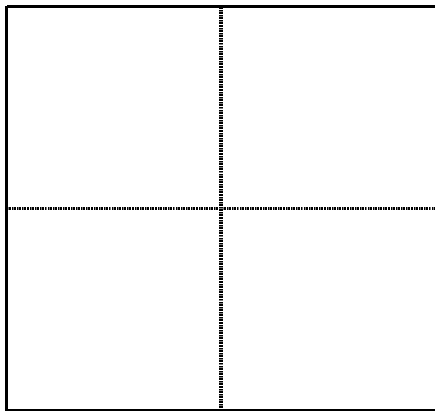
PUMPAGE INVENTORY FIELD REPORT

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: 415,460 * 0.001 ac-ft
 PHOTO: YES NO X ACRES IRR: 120.6
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

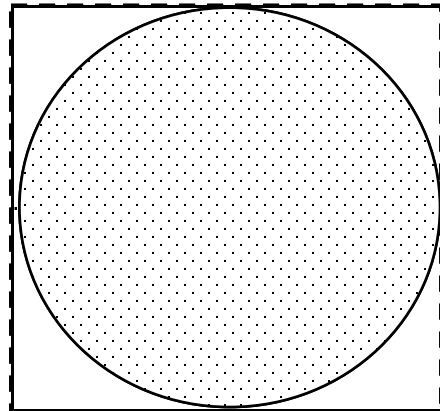
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 NW 1/4 SEC 23



 Place of Use
 Alfalfa



REMARKS: Well No. 1

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

08-02-19 - 4,415,460 * 0.001 acre-feet = 632.05 acre-feet annually

SIGNATURE:  DATE: 8/2/2019

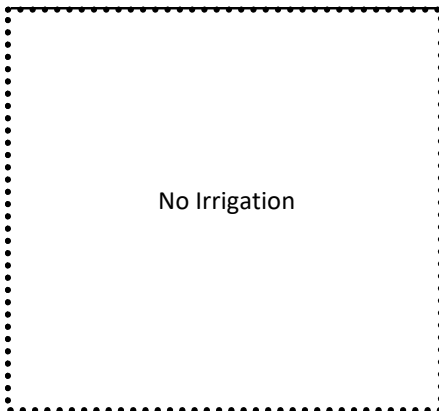
PUMPAGE INVENTORY FIELD REPORT

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: 1.2
 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

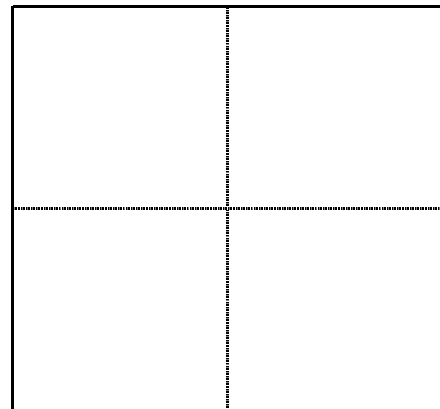
 1/4 1/4 SEC



Alfalfa



Windbreak



REMARKS: Issue credit for windbreak.

Issue 2.5 acre-feet per acre on windbreak = 2.5 ac-feet * 1.21 acres = 3.03 acre-feet.

SIGNATURE:

Tracy R

DATE:

9/12/2019

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:

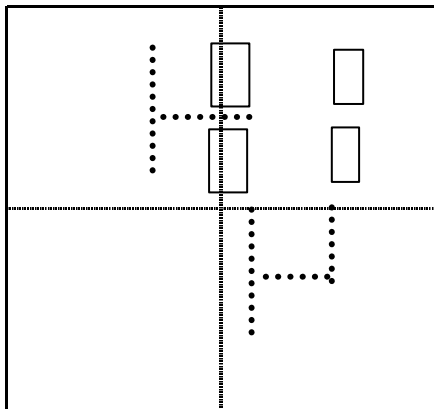
METER: YES NO X METER READ: 31,420,000

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

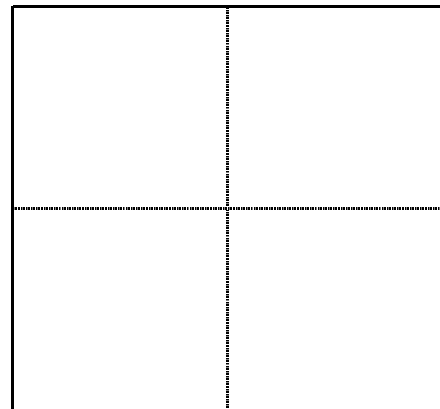
NE 1/4 NE 1/4 SEC 28 1/4 1/4 SEC



 Place of Use

 Windbreak

 Buildings



REMARKS: Issue one acre for windbreak

09-21-18 - 25,195,000

09-17-19 - 31,420,000 = 6,225,000 gallons $\approx$ 19.32 acre-feet annually

Permit No. 86140 is for QM use.

SIGNATURE:  DATE: 9/17/2019

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 16562 and 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: 987,536,000

PHOTO: YES NO X

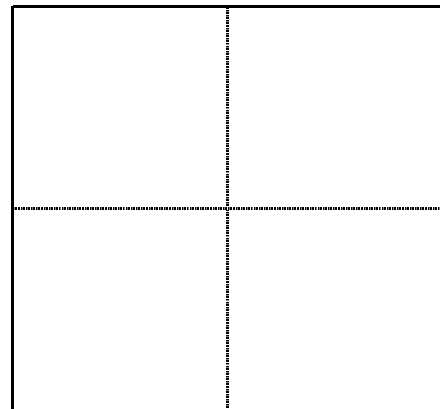
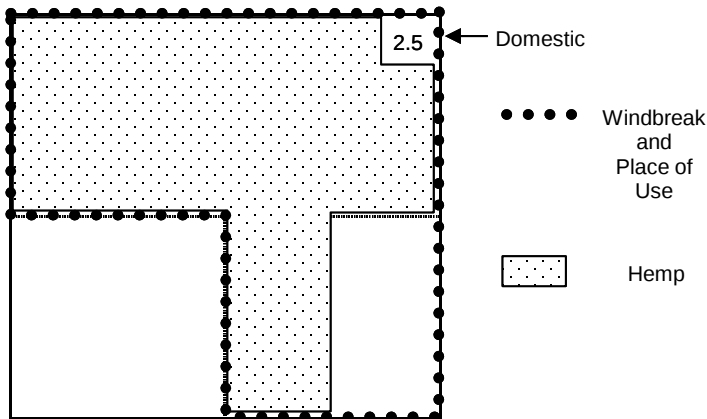
ACRES IRR: 97.55

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 NE 1/4 SEC 16

 1/4 1/4 SEC



REMARKS:

08-07-18 - 4,733,376,000

08-02-19 - 4,987,536,000 = 254,160,000 gallons = 790.82 acre-feet annually

SIGNATURE: 

DATE: 8/2/2019

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

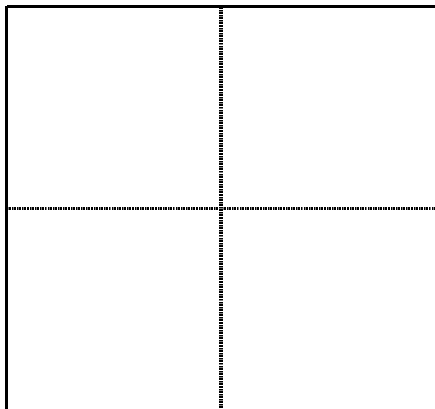
PHOTO: YES NO X ACRES IRR: 0.0

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:

08-07-18 - 599,662 * 0.001 ac-ft

08-02-19 - 599,662 * 0.001 ac-ft ≈ 0 acre-feet annually

SIGNATURE:  DATE: 8/2/2019

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

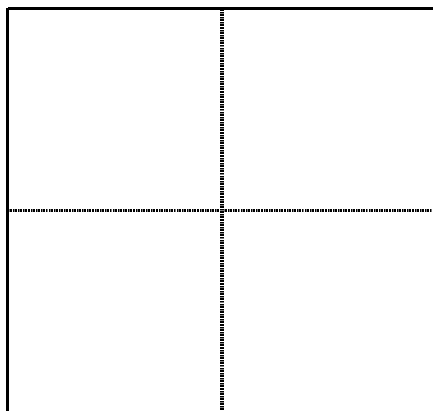
PORTION X ALL

TYPE Irrigation

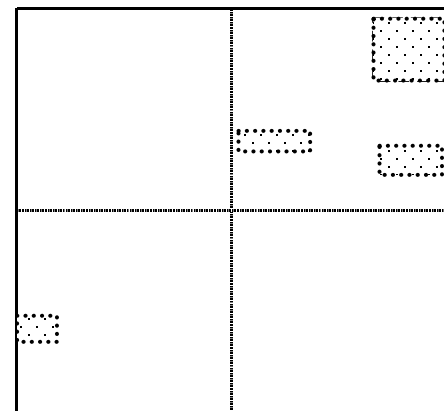
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 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: 8/9/2019

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

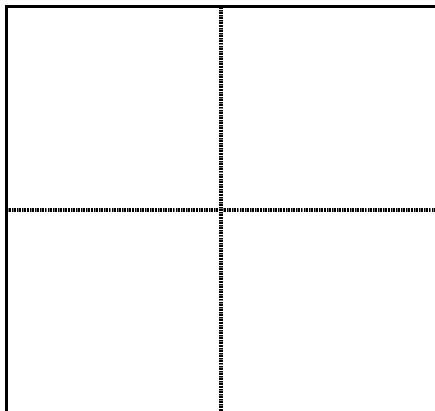
ACRES IRR: 236.0

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

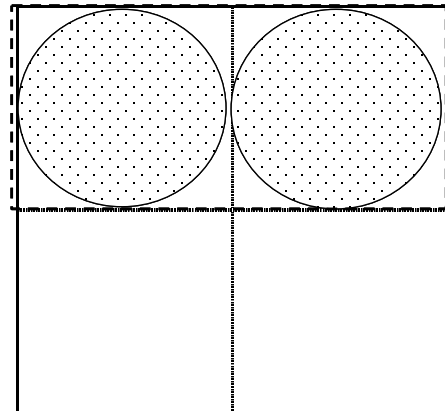
_____ 1/4 _____ 1/4 SEC _____

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



 Place of Use

 Alfa



REMARKS: _____

NIWR pumpage is greater than duty. Issue full duty.

SIGNATURE: 

DATE: 9/17/2019

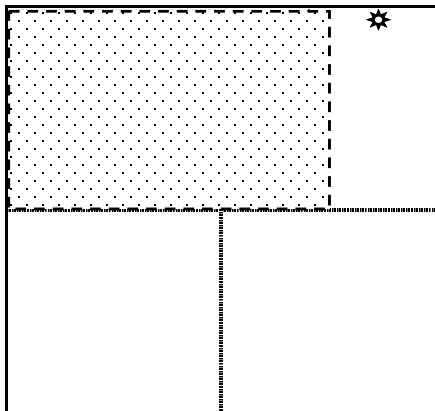
PUMPAGE INVENTORY FIELD REPORT

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: 18,508,600
 PHOTO: YES NO X ACRES IRR: 14.8
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

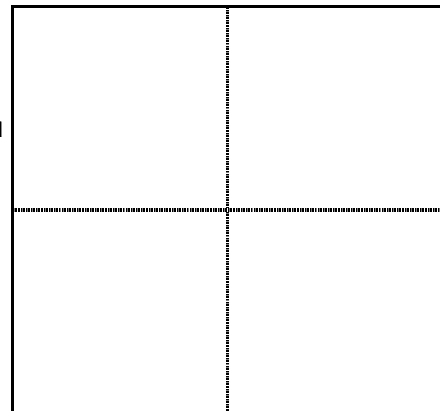
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

NE 1/4 NE 1/4 SEC 8

 1/4 1/4 SEC



 Place of Use
 Highly Managed Pasture Grass
 Well



REMARKS:

08-31-18 - 568,996,300

08-07-19 - 618,508,600 = 49,512,300 gallons ≈ 162.64 acre-feet annually

SIGNATURE:  DATE: 8/7/2019

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:

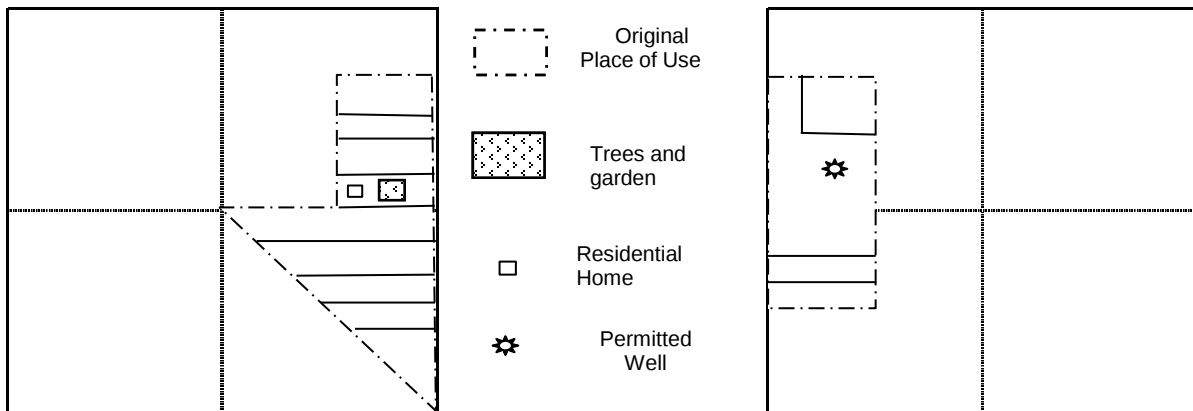
PHOTO: YES NO X ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC 19

 1/4 1/4 SEC 20



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. Well is destroyed.

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: $0 \text{ acres} * 5.3 \text{ feet} / 0.75 = 0 \text{ ac-ft annually}$

SIGNATURE:  DATE: 8/7/2019

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: 0.1

BENEFICIAL USE: YES X NO

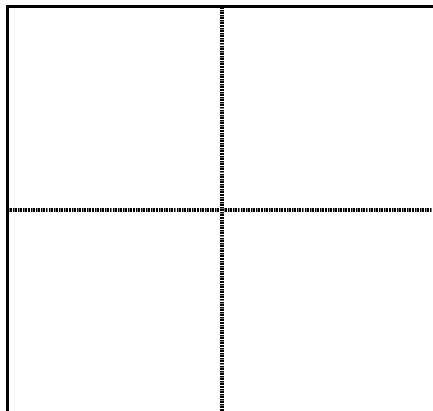
PORTION X ALL

TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

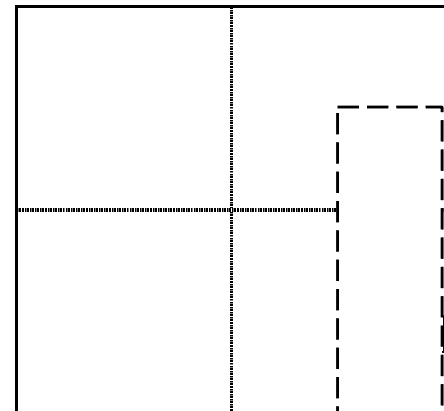
 1/4 1/4 SEC 8



Place of Use



Windbreak



Photo

REMARKS: Domestic use, sparse windbreak. Power meter reading : 63,958

One trailer, approximately five living trees on the property.

Use NIWR for Turf Grass, Wheel Line

0.1 acres*5.3 feet/0.75 = 0.71 acre-feet

SIGNATURE: 

DATE: 9/24/2019

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: 31,128,500

PHOTO: YES NO X

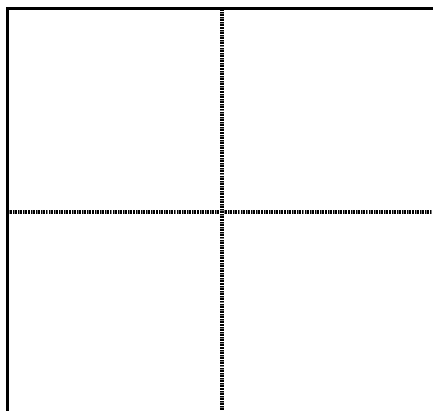
ACRES IRR: 36.6

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

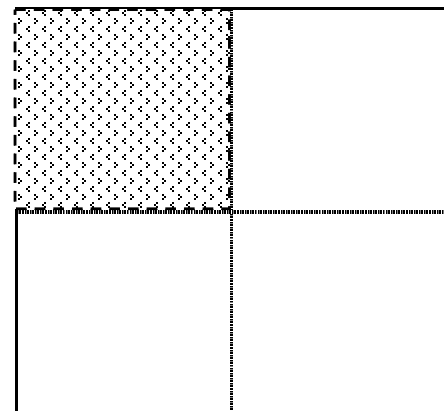
NW 1/4 NW 1/4 SEC 7



Place of Use



Pistachio Trees



REMARKS: Pistachio trees, some grass, sprinklers.

08-31-18 - 288,959,800

08-07-19 - 331,128,500 gallons = 42,168,700 gallons $\approx$ 138.52 acre-feet.

SIGNATURE: 

DATE: 8/7/2019

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 19916

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

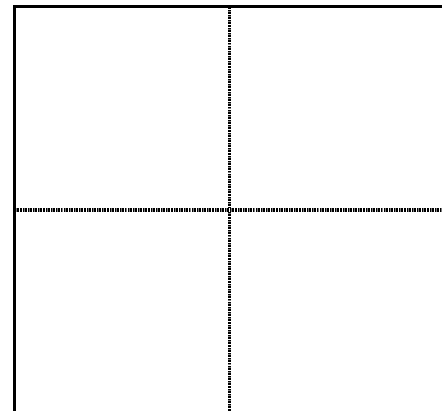
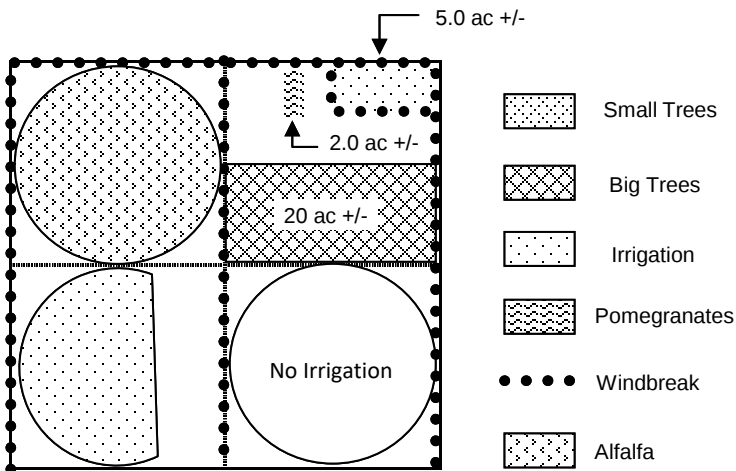
ACRES IRR: 88.25

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: 89,670

Use NIWR for LM Pasture Grass, Sprinklers

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

Power reading S/N: 9042606

SIGNATURE:

DATE: 9/27/2019

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 19917 and 22761

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

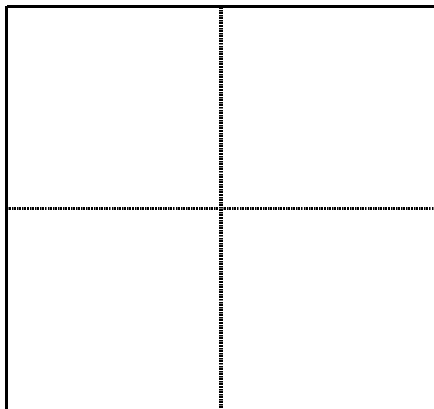
ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

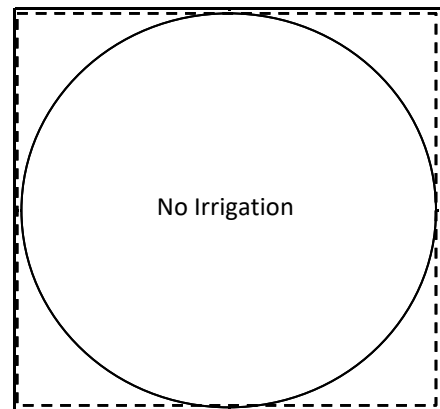
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 SE 1/4 SEC 24



Place of Use



REMARKS: New power meter S/N: 09-000-042

Meter reading for power meter: 2,345

Use NIWR for Alfalfa with Pivot

0 acres*5.3 feet/0.85 = 0 acre-feet

SIGNATURE: 

DATE: 9/27/2019

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: 24,491,900

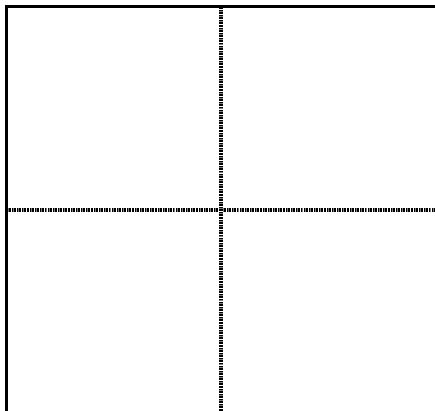
PHOTO: YES NO X ACRES IRR: 30.0

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

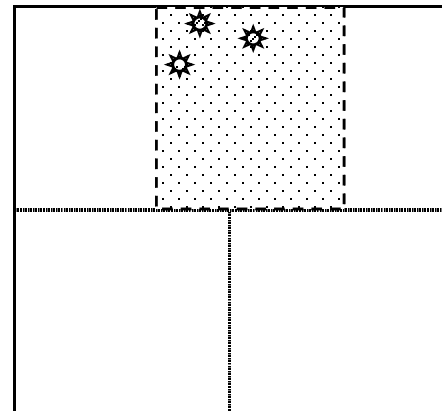
 1/4 1/4 SEC 35



 Place of Use

 Alfalfa

 Wells



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

09-25-18 - 111,265,700

09-19-19 - 124,491,900 = 13,226,200 gallons ≈ 41.27 acre-feet annually

Include diversion rate total from Permit No. 81510 for 88.02 ac-ft.

SIGNATURE:  DATE: 9/19/2019

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

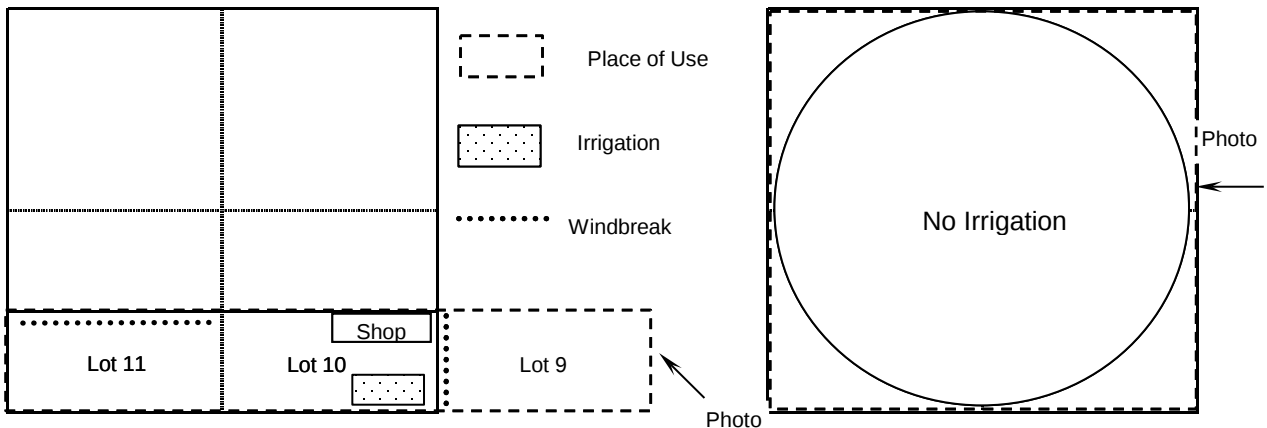
BENEFICIAL USE: YES X NO

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: *Tracy R*

DATE: 9/27/2019

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: 3.0

BENEFICIAL USE: YES X NO

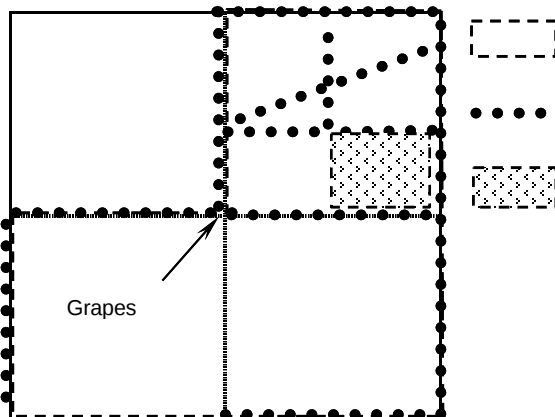
PORTION X ALL

TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

NE 1/4 NE 1/4 SEC 36

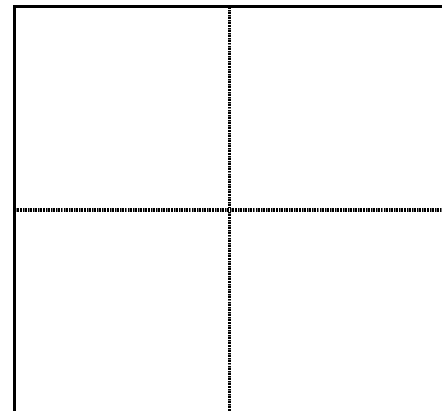
 1/4 1/4 SEC



Place of Use

Windbreak

Grapes



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

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

3.0 acres*4.5 feet/0.75 = 18.00 acre-feet

SIGNATURE: 

DATE: 9/27/2019

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

PORTION	X	ALL	TYPE	Irrigation
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IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

1/4 1/4 SEC

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

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

 Alfa

REMARKS: _____

Issue full duty. NIWR pumpage greater than duty.

SIGNATURE: 

DATE: **9/26/2019**

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: **10.0**

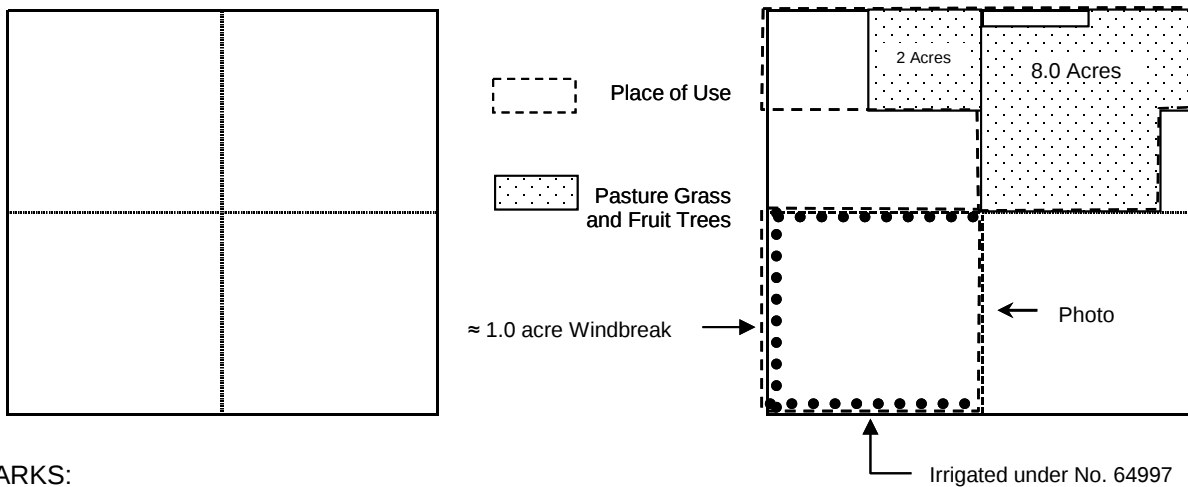
BENEFICIAL USE: YES **X** NO

PORTION	X	ALL	TYPE	Irrigation
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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

10 acres*4.5 feet/0.75 = 60.00 acre-feet

SIGNATURE: 

DATE: **9/12/2019**

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 X NO

METER READ: 730,780,000

PHOTO: YES NO X

ACRES IRR: 125.00

BENEFICIAL USE: YES X NO

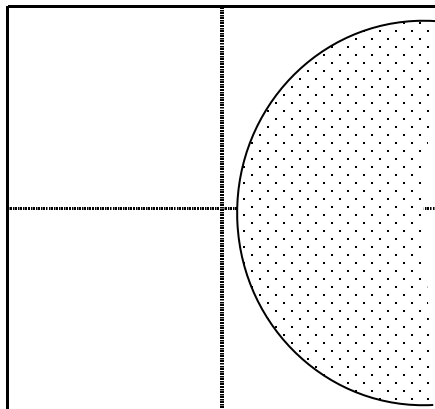
PORTION X ALL

TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

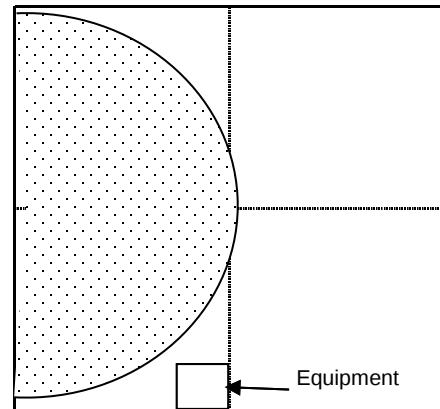
 1/4 NW 1/4 SEC 18

 1/4 NE 1/4 SEC 18



• • • • Windbreak

 Alfalfa



REMARKS:

08-07-18 - 441,318,000

08-02-19 - 730,780,000 gallons = 289,462,000 gallons ≈ 900.66 acre-feet.

SIGNATURE: 

DATE: 8/2/2019

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

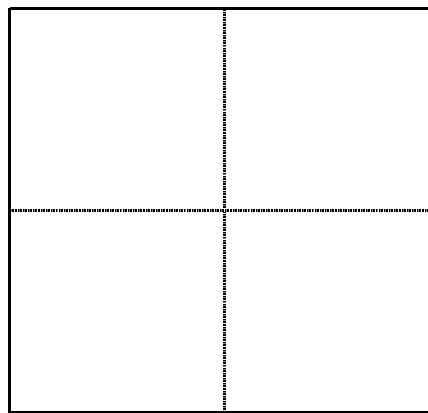
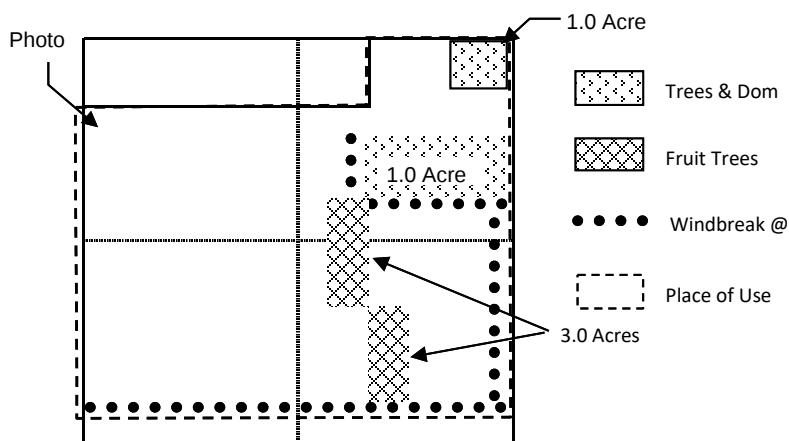
ACRES IRR: **6.0**

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: **9/12/2019**

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

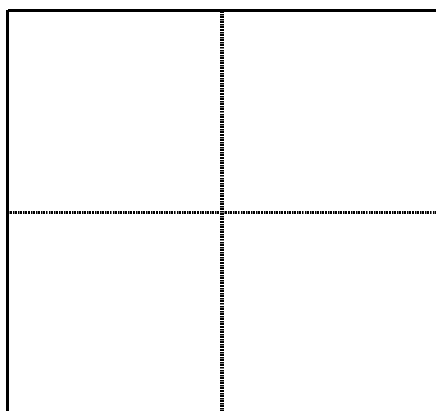
PHOTO: YES NO X ACRES IRR: 1.0

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

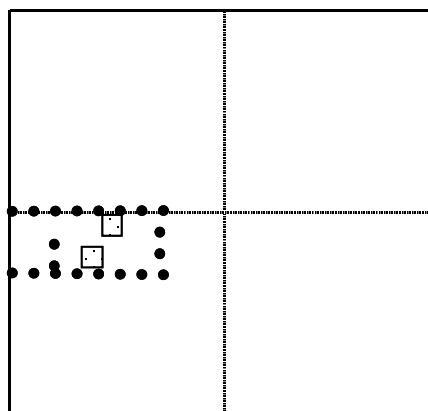
NW 1/4 SW 1/4 SEC 10



 Place of Use

 Windbreak
(1.0 acre)

 Buildings



REMARKS: Well located behind the concrete shed. Broken Meter

09-05-18 - 37,177,100

09-12-19 - 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: 9/12/2019

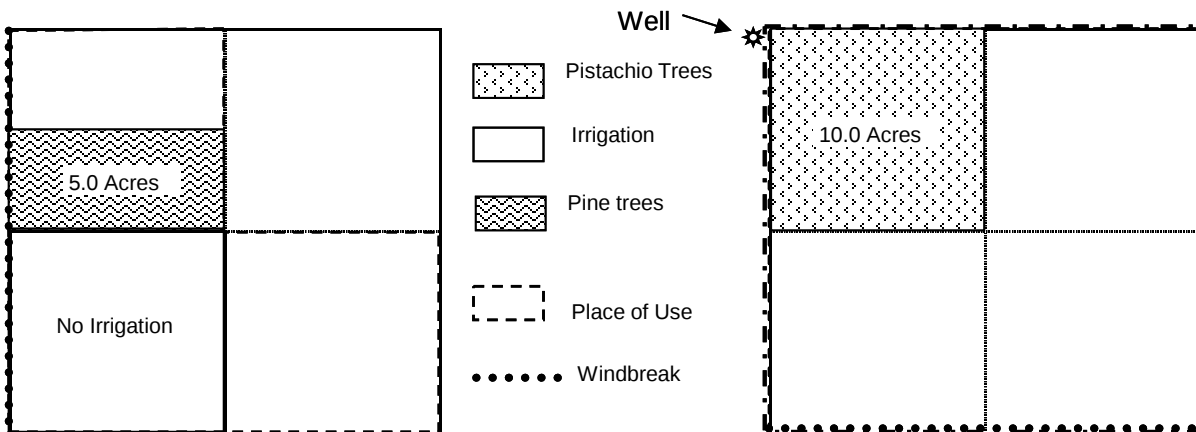
PUMPAGE INVENTORY FIELD REPORT

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: 8/7/2019

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230 PERMIT NO: 26283

WELL: YES X NO METER SER NO: 19-00137-10

PUMP: YES X NO PUMP TYPE: Straight Shaft

MOTOR: YES X NO MOTOR TYPE: Electric

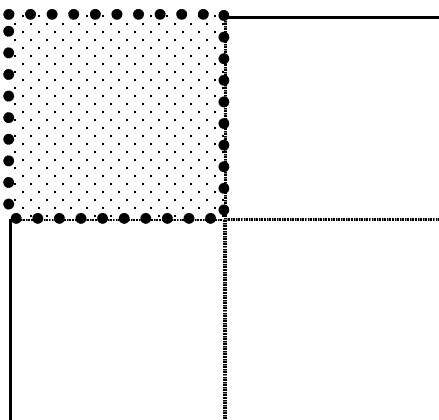
METER: YES X NO METER READ: 131,447,000

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.

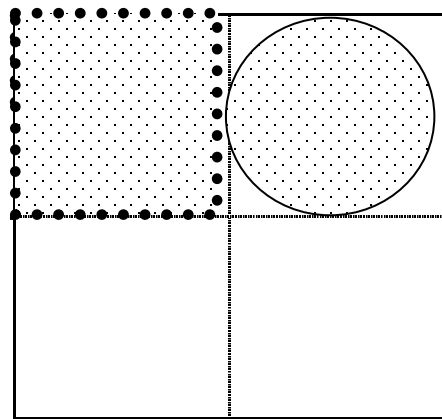
 1/4 NW 1/4 SEC 18



• • • • Windbreak

 Alfalfa and Hemp

 1/4 SW 1/4 SEC 18



REMARKS: New meter. Domestic use in SE4 SW4

08-02-19 - 131,447,000 gallons

2019 pumpage = 2018 pumpage

SIGNATURE: 

DATE: 8/2/2019

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: 1.0

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 1.0 acre*4.5 feet/0.75 = 6 acre-feet

SIGNATURE:

DATE: **9/12/2019**

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: 41,658,100

PHOTO: YES X NO

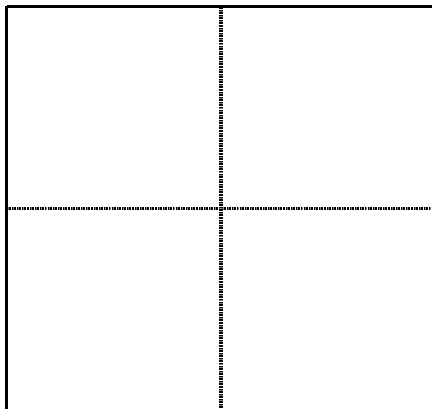
ACRES IRR: 121.29

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

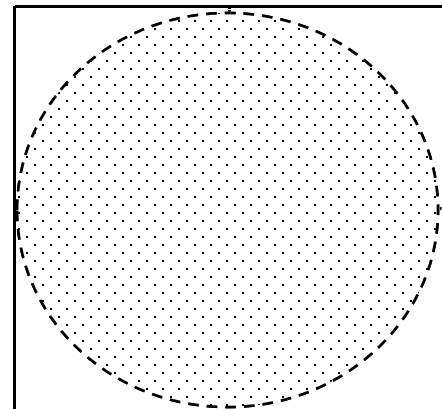
 1/4 SE 1/4 SEC 23



Place of Use



Triticale
and Sorghum



REMARKS: Well No. 2

08-07-18 - 618,649,600

08-02-19 - 741,658,100 = 123,008,500 gallons $\approx$ 382.74 acre-feet annually

SIGNATURE: 

DATE: 8/2/2019

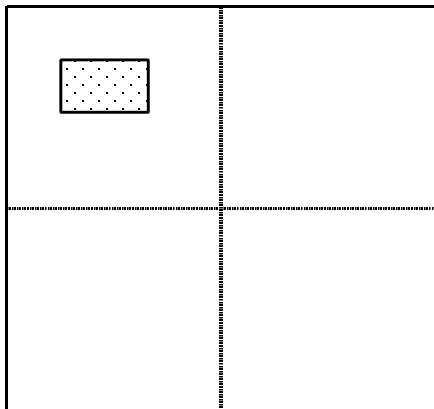
PUMPAGE INVENTORY FIELD REPORT

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

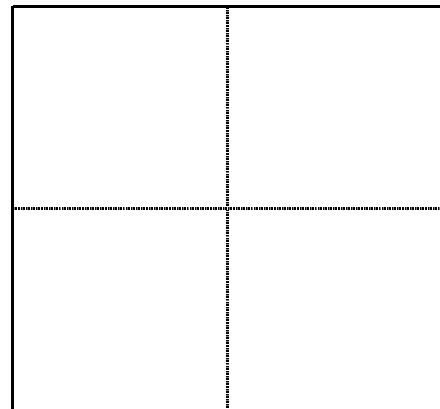
 1/4 1/4 SEC



Place of



Highly
Managed
Pasture
Grass and
Trees



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

08-17-18 - No meter

08-09-19 - No meter

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

SIGNATURE: 

DATE: 8/9/2019

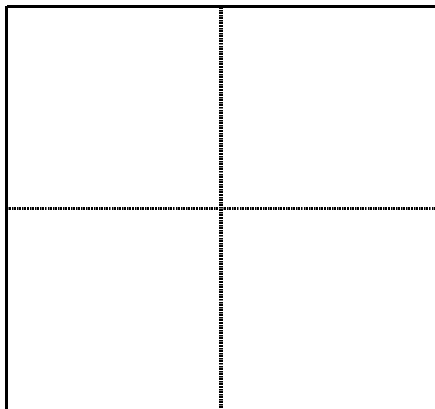
PUMPAGE INVENTORY FIELD REPORT

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: 75,231,500
 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

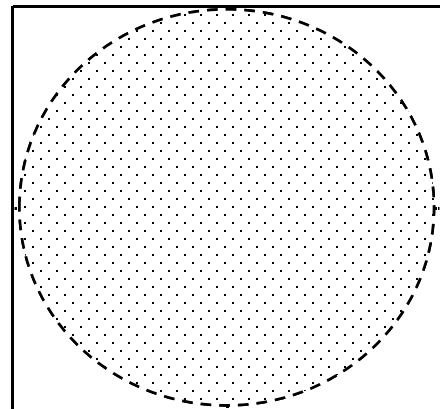
 1/4 NW 1/4 SEC 26



Place of Use



Triticale and
Corn



REMARKS: Well No. 4

08-07-18 - 672,296,800

08-02-19 - 775,231,500 = 102,934,700 gallons ≈ 320.28 acre-feet annually

SIGNATURE:  DATE: 8/2/2019

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: 72,441,100

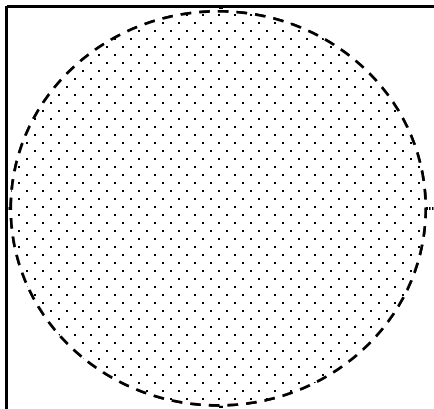
PHOTO: YES NO X ACRES IRR: 116.7

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 NE 1/4 SEC 26

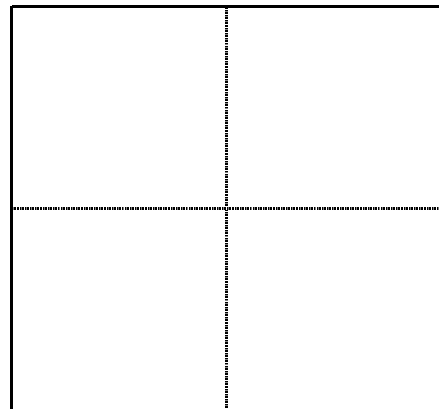
 1/4 1/4 SEC



Place of Use



Alfalfa



REMARKS: Well No. 3

08-07-18 - 157,184,700

08-02-19 - 372,441,100 = 215,256,400 gallons ≈ 669.77 acre-feet annually

SIGNATURE:  DATE: 8/2/2019

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: 6,438,350

PHOTO: YES NO X

ACRES IRR: 3.5

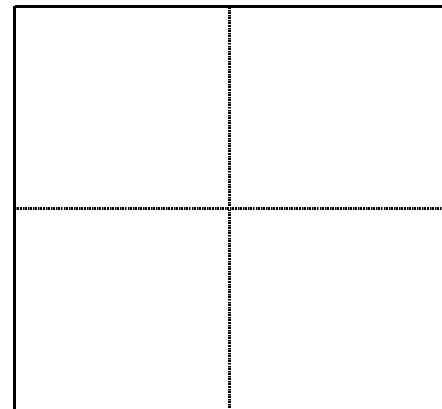
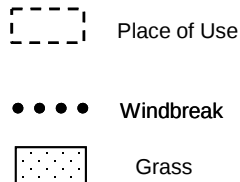
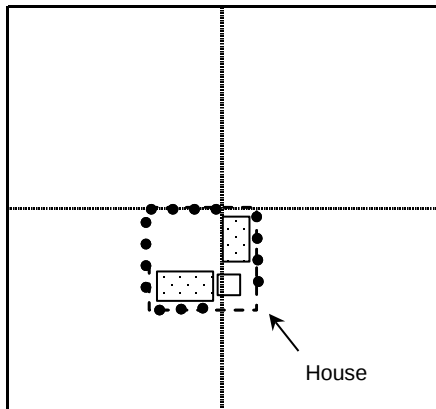
BENEFICIAL USE: YES X NO

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 houses, one trailer, one cow and 14 horses

09-25-18 - 10,344,720

09-17-19 - 16,438,350 = 6,093,630 gallons ≈ 19.12 acre-feet annually

SIGNATURE: 

DATE: 9/17/2019

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: 88,814,300

PHOTO: YES X NO

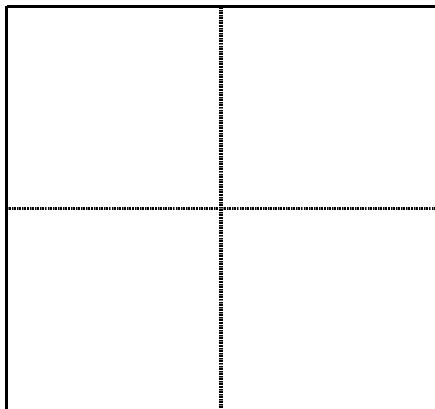
ACRES IRR: 116.67

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

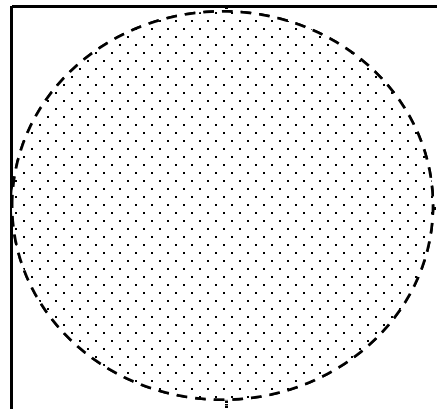
 1/4 NW 1/4 SEC 24



Place of Use



Triticale and
Sorghum



REMARKS: Well No. 7

08-07-18 - 736,886,700

08-02-19 - 888,814,300 = 151,927,600 gallons ≈ 472.72 acre-feet annually

SIGNATURE: 

DATE: 8/2/2019

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: 265,486 * 0.001 ac-ft

PHOTO: YES NO X

ACRES IRR: 7.0

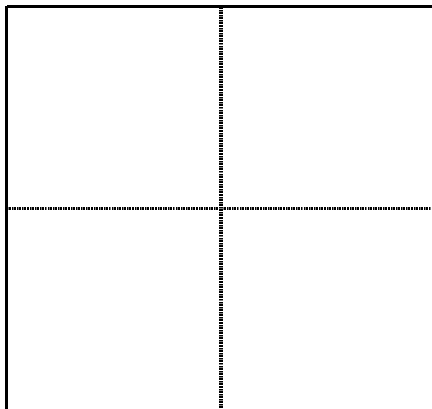
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

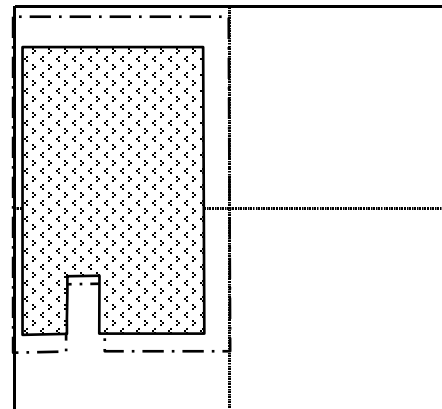
IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

SE 1/4 NW 1/4 SEC 12



 Place of Use
 Alfalfa



REMARKS:

09-20-18 - 1,234,458 * 0.001 ac-ft

09-24-19 - 1,265,486 * 0.001 ac-ft ≈ 30.69 acre-feet annually

SIGNATURE: 

DATE: 9/24/2019

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

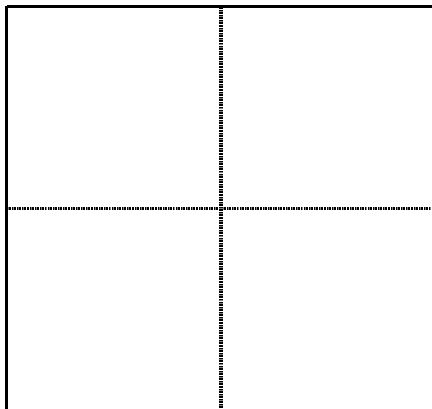
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

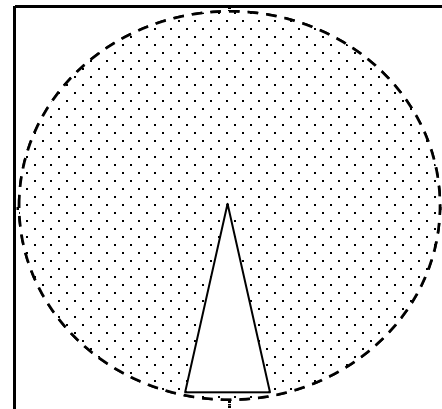
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 NW 1/4 SEC 25



 Place of Use
 Alfalfa



REMARKS: Broken Meter

08-07-18 - 371,284,500

08-02-19 - 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: 8/2/2019

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: 17,592,500

PHOTO: YES NO X

ACRES IRR: 0.5

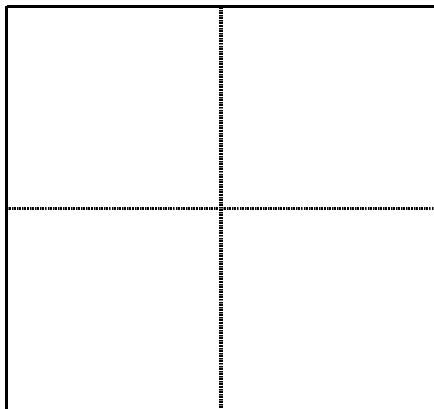
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

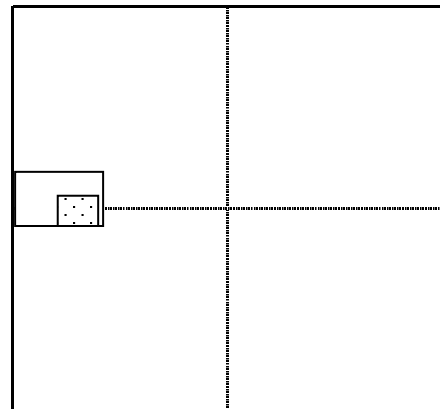
NW 1/4 NW 1/4 SEC 15



• • • • Windbreak



Grass,
Grapes and



REMARKS:

08-17-18 - 17,577,200

08-09-19 - 17,592,500 = 15,300 gallons ≈ 0.05 acre-feet annually

SIGNATURE: 

DATE: 8/9/2019

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: 05,495,600

PHOTO: YES NO X

ACRES IRR: 2.0

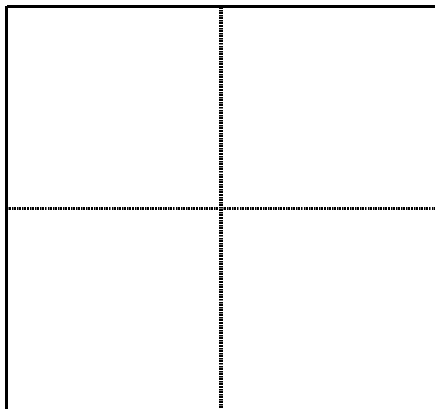
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

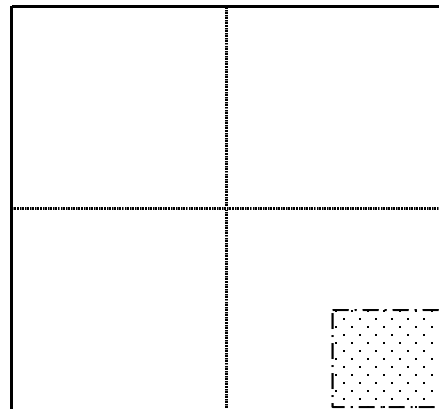
NW 1/4 NW 1/4 SEC 15



Place of Use



Low
Managed
Pasture
Grass



REMARKS: 1 home and 1 mobile home

09-29-18 - 101,829,000

08-18-19 - 105,495,600 = 3,666,600 gallons ≈ 12.72 ac-ft annually

SIGNATURE: 

DATE: 8/18/2019

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: 91,168,900

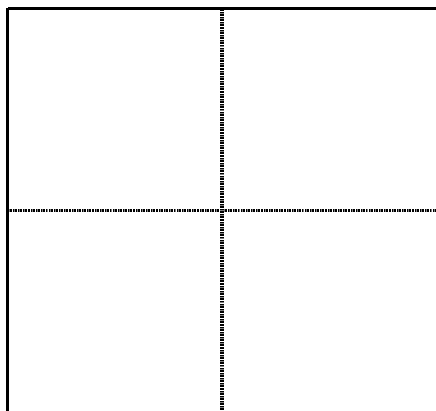
PHOTO: YES NO X ACRES IRR: 2.0

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

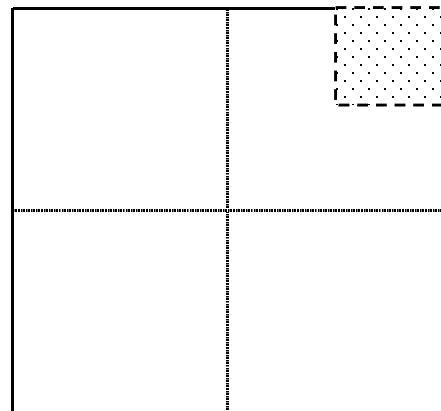
SW 1/4 NW 1/4 SEC 15



Place of Use



Low Managed
Pasture Grass



REMARKS: Lawn, trees, windbreak and pasture.

09-29-18 - 90,140,400

08-18-19 - 91,168,900 = 1,028,500 gallons $\approx$ 3.57 acre-feet annually

SIGNATURE:

DATE:

8/18/2019

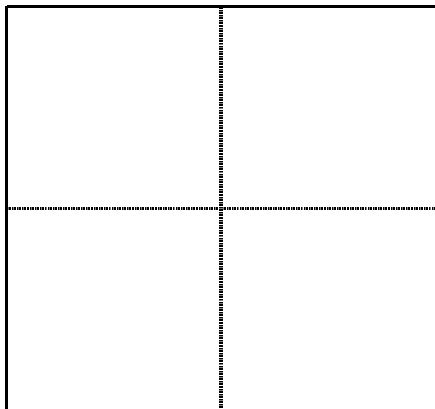
PUMPAGE INVENTORY FIELD REPORT

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

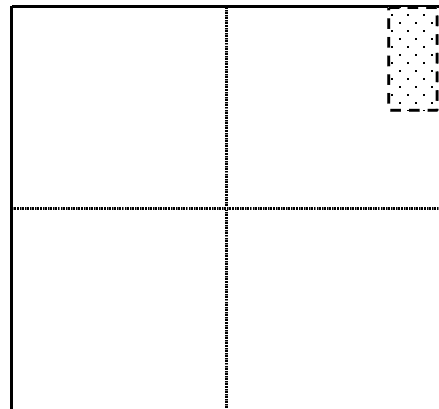
IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 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 .

08-17-18 - 5,404,000

09-12-19 - 5,404,000 = 0 gallons $\approx$ 0 acre-feet annually. Broken meter

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

SIGNATURE: 

DATE: 9/12/2019

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: 59,498,800

PHOTO: YES X NO

ACRES IRR: 1.0

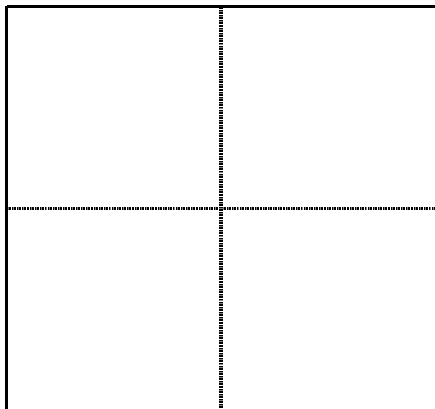
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

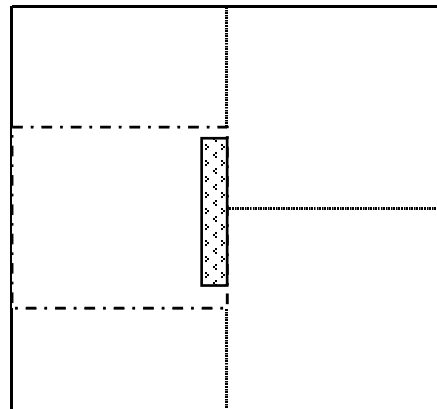
NE 1/4 NW 1/4 SEC 15



Place of Use



Alfalfa



REMARKS: 1 mobile home on property

08-17-18 - 57,136,900

08-09-19 - 59,498,800 = 2,361,900 gallons ≈ 7.41 acre-feet annually

SIGNATURE: 

DATE: 8/9/2019

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: 42,375,300

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

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, trailer and windbreak

08-17-18 - 41,251,400

08-09-19 - 42,375,300 = 1,123,900 gallons $\approx$ 3.53 acre-feet annually

SIGNATURE:

Frang R

DATE: **8/8/2019**

8/8/2019

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: 53,199,200

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 divided into four quadrants by a vertical and a horizontal dashed line. The vertical line runs from the top to the bottom, and the horizontal line runs from the left to the right, intersecting at the center. The four quadrants are empty, providing space for a student to draw or write.REMARKS: 1 mobile home, various trees, grapes, lawn and windbreak

08-17-18 - 52,688,900

08-09-19 - 53,199,200 = 510,300 gallons $\approx$ 1.60 acre-feet annually

SIGNATURE:

Frang R

DATE: **8/9/2019**

8/9/2019

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: 41,947,400

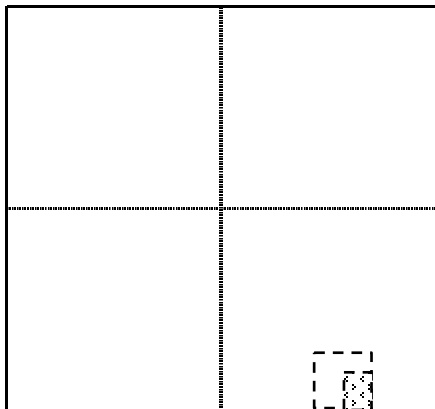
PHOTO: YES NO X ACRES IRR: 0.5

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

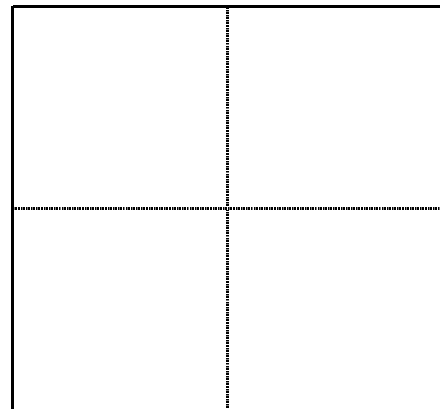
 1/4 1/4 SEC



Place of Use



Turf Grass



REMARKS: 2 mobile homes and windbreak.

08-17-18 - 41,780,200

08-09-19 - 41,947,400 = 167,200 gallons $\approx$ 0.52 acre-foot annually

Use NIWR for Turf Grass, Sprinklers

SIGNATURE: 

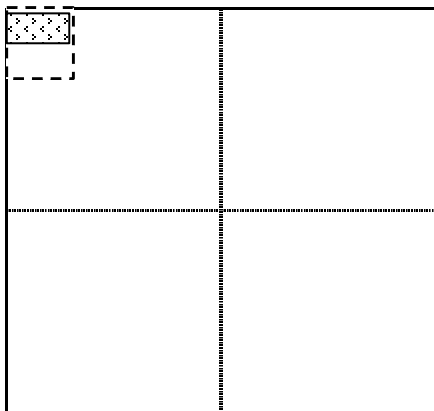
DATE: 8/9/2019

PUMPAGE INVENTORY FIELD REPORT

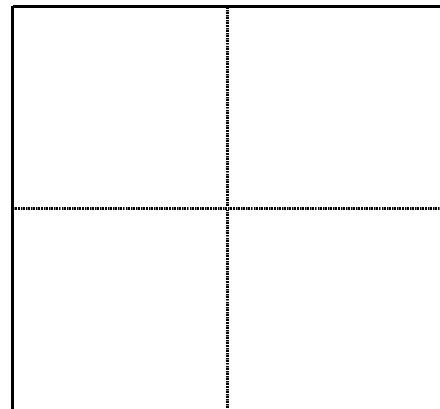
BASIN NO: 230 PERMIT NO: 60466
 WELL: YES X NO METER SER NO: 37987421
 PUMP: YES X NO PUMP TYPE: Submersible
 MOTOR: YES NO MOTOR TYPE:
 METER: YES X NO METER READ: 24,570,200
 PHOTO: YES NO X ACRES IRR: 1.5
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

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

08-17-18 - 24,011,300

08-09-19 - 24,570,200 = 558,900 gallons $\approx$ 1.75 acre-feet annually

No plumbing on the accessory building.

SIGNATURE: 

DATE: 8/9/2019

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: 33,549,300

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 row and column are 0-indexed from the top-left: (0,0), (0,1), (0,2), (1,0), (1,1), (1,2), (2,0), (2,1), and (2,2). All other squares are white.

Place of Use

Irrigation

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

08-17-18 - 32,621,500

08-09-19 - 33,549,300 = 927,800 gallons $\approx$ 2.91 acre-feet annually

SIGNATURE:

Francis R.

DATE: **8/9/2019**

8/9/2019

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: 51,088,700

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

[illegible]

Place of Use

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

Fruit Trees

REMARKS: 2 mobile homes, lawn, grapes and windbreak

09-28-18 - 48,982,900

09-29-19 - 51,088,700 = 2,105,800 gallons $\approx$ 6.44 acre-feet annually

Replacement well installed.

SIGNATURE:

Francis R

DATE: **9/29/2019**

9/29/2019

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: 26,613,000

PHOTO: YES NO X

ACRES IRR: 0.50

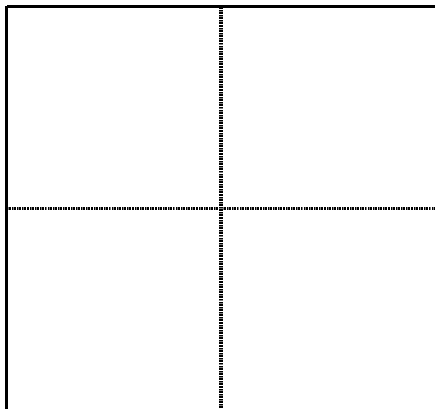
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

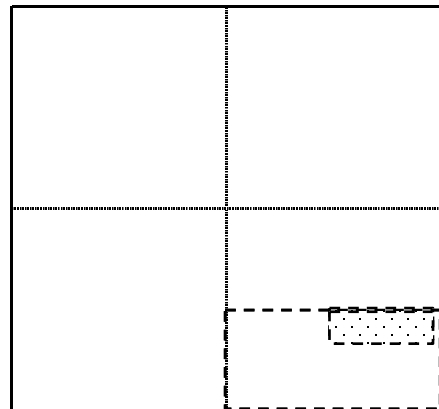
SW 1/4 NW 1/4 SEC 7



Place of Use



Low Managed
Pasture Grass



REMARKS:

08-31-18 - 26,372,000

08-07-19 - 26,613,000 = 241,000 gallons $\approx$ 0.79 acre-foot annually

SIGNATURE: 

DATE: 8/7/2019

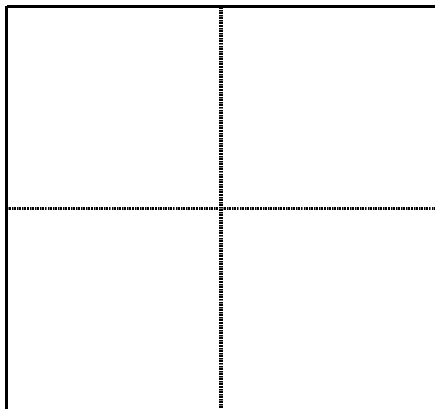
PUMPAGE INVENTORY FIELD REPORT

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: 2,079,010 * 0.001 ac-ft
 PHOTO: YES NO X ACRES IRR: 111.96
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

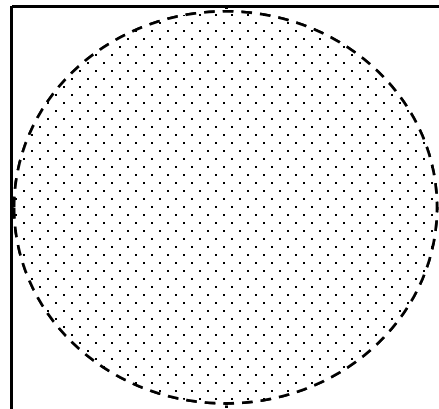
IF PARTIAL USE, SKETCH OF LAND IRRIGATED

 1/4 1/4 SEC

 1/4 SW 1/4 SEC 23



 Place of Use
 Alfalfa



REMARKS: Well No. 5

08-07-18 - 1,291,980 * 0.001

08-02-19 - 2,079,010 * 0.001 acre-feet ≈ 797.96 acre-feet annually.

TCD = 559.80 ac-ft/yr.

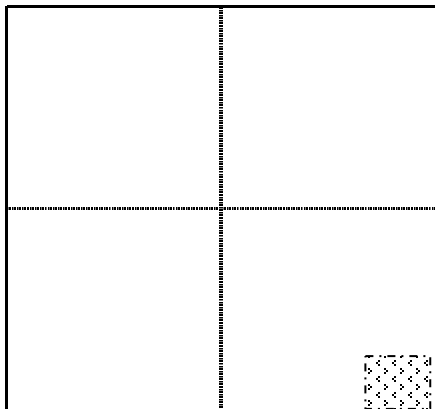
SIGNATURE:  DATE: 8/2/2019

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: 26,880,200
 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

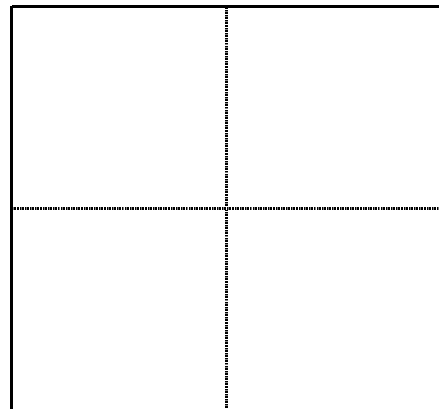
SE 1/4 NE 1/4 SEC 08 1/4 1/4 SEC



Place of Use



High
Managed
Pasture
Grass and
Fruit Trees



REMARKS:

Approximately 500 trees planted over a portion of POU. Windbreak

09-28-18 - 24,562,300

09-03-19 - 26,880,200 = 2,317,900 gallons ≈ 7.42 acre-feet annually

SIGNATURE: 

DATE: 9/3/2019

PUMPAGE INVENTORY FIELD REPORT

BASIN NO:		<u>230</u>		PERMIT NO:		<u>63565, 63566 65473 and 65474</u>					
WELL:	YES	<u>X</u>	NO	<u> </u>	METER SER NO:	<u>17-09525-06</u>					
PUMP:	YES	<u>X</u>	NO	<u> </u>	PUMP TYPE:	<u>Submersible</u>					
MOTOR:	YES	<u> </u>	NO	<u> </u>	MOTOR TYPE:	<u> </u>					
METER:	YES	<u>X</u>	NO	<u> </u>	METER READ:	<u>86,316,200</u>					
PHOTO:	YES	<u> </u>	NO	<u>X</u>	ACRES IRR:	<u>14.22</u>					
BENEFICIAL USE:		YES	<u>X</u>	NO	<u> </u>	PORTION	<u> </u>	ALL	<u>X</u>	TYPE	<u>Irrigation</u>

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**

09-24-19 - 86,316,200 gallons

New meter. Issue full duty

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

SIGNATURE:  DATE: **9/24/2019**

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

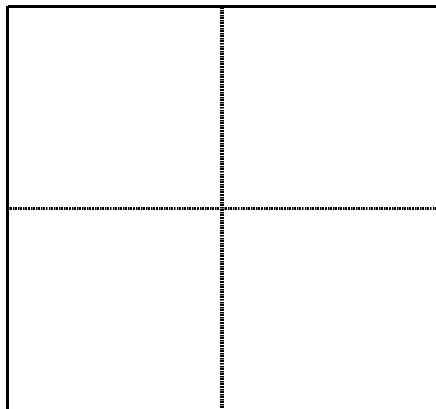
PORTION X ALL

TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

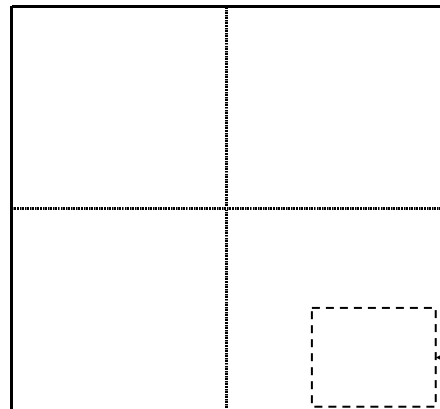
 1/4 1/4 SEC

SE 1/4 SW 1/4 SEC 09



 Place of Use

 Alfalfa



Photo

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

09-05-18 - 90,760,000

09-12-19 - 90,760,000 = 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: 9/12/2019

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: 24,970,800

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 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

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

08-07-18 - 580,717,200

08-02-19 - 724,970,800 = 144,253,600 gallons $\approx$ 448.85 acre-feet annually

SIGNATURE:

Francis R

DATE:

8/2/2019

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: _____

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

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 quadrants are empty, providing space for a student to draw or write.

Place of Use

Low Managed
Pasture and
Fruit Trees

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

08-31-18 - 94,821,500

08-07-19 - Meter box locked. 2019 Pumpage = 2018 Pumpage

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

SIGNATURE:

Frang R

DATE: **8/7/2019**

8/7/2019

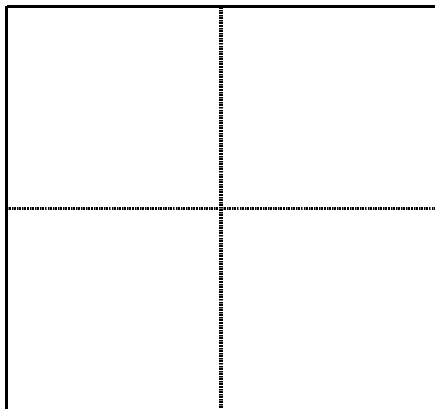
PUMPAGE INVENTORY FIELD REPORT

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: 41,477,700
 PHOTO: YES NO X ACRES IRR: 1.0
 BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

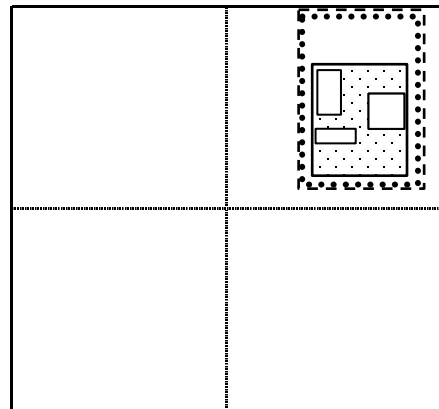
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 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.

09-27-18 - 41,276,100

09-19-19 - 41,477,700 = 201,600 gallons $\approx$ 0.63 acre-feet annually

Approximately 10 fruit trees and seven (7) cactus bushes.

SIGNATURE: 

DATE: 9/19/2019

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: 45,278,100

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

SE 1/4 **SW** 1/4 SEC **18**

A 5x5 grid of dots, consisting of 25 dots arranged in 5 rows and 5 columns.

REMARKS: Property vacant. Trees are dying.

09-27-18 - 45,278,100

08-07-19 - 45,278,200 = 100 gallons $\approx$ 0 acre-feet annually

1 mobile home, windbreak around perimeter and approximately 70 trees

SIGNATURE: _____

DATE: **8/7/2019**

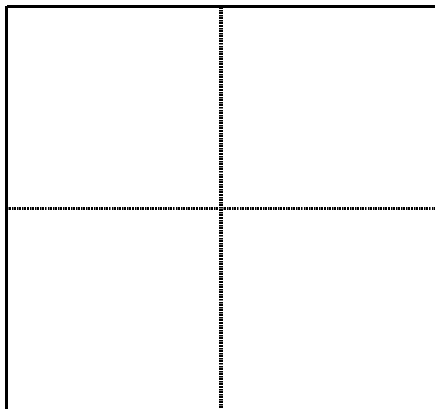
PUMPAGE INVENTORY FIELD REPORT

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: 56,986,600
 PHOTO: YES NO X ACRES IRR: 2.0
 BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

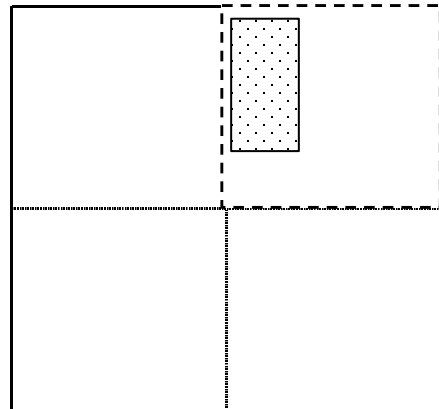
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 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.

09-27-18 - 55,243,400

08-09-19 - 56,986,600 = 1,743,200 gallons ≈ 6.18 acre-feet annually

SIGNATURE:  DATE: 8/9/2019

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: 564,320

PHOTO: YES NO X

ACRES IRR: 0.8

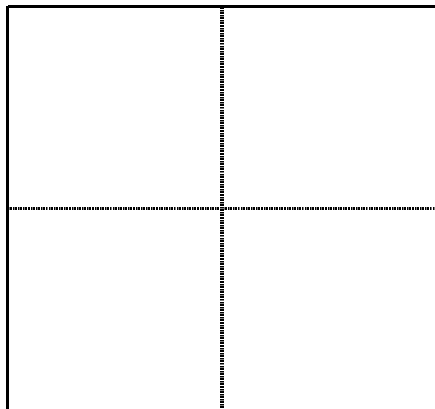
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

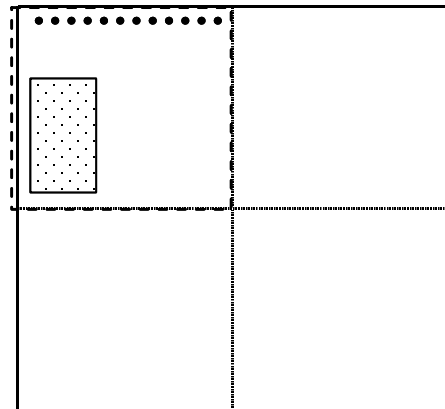
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 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.

09-27-18 - 454,400 cubic feet

09-27-19 - 564,320 cubic feet $\approx$ 2.52 ac-ft.

SIGNATURE: 

DATE: 9/27/2019

PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 230

PERMIT NO: 68087

WELL: YES X NO

METER SER NO: 17-043571

PUMP: YES X NO

PUMP TYPE: Submersible

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: 25,848,700

PHOTO: YES NO X

ACRES IRR: 2.5

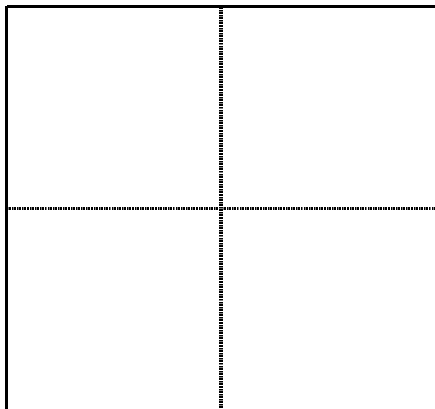
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

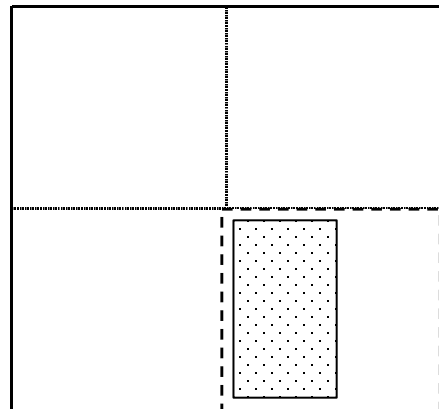
SE 1/4 NE 1/4 SEC 16



Place of Use



HM Pasture
Grass and
Trees



REMARKS: New meter

08-09-19 - 12,281,500

NIWR for HM Pasture Grass, Sprinklers : 2.5 acres* 5.3 feet/0.75 = 17.67

SIGNATURE: 

DATE: 8/9/2019

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:

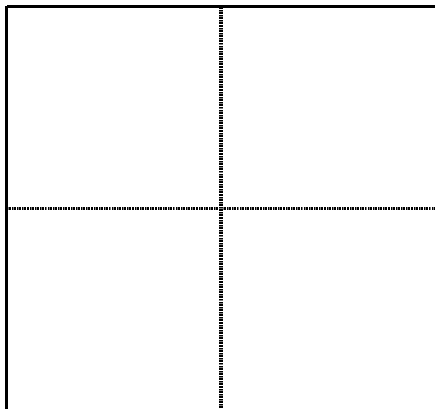
PHOTO: YES NO X ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

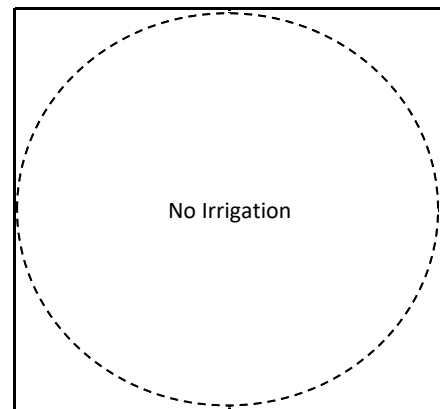
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

 1/4 SW 1/4 SEC 19



Place of Use



REMARKS: Well visible. No Meter

SIGNATURE:  DATE: 9/26/2019

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

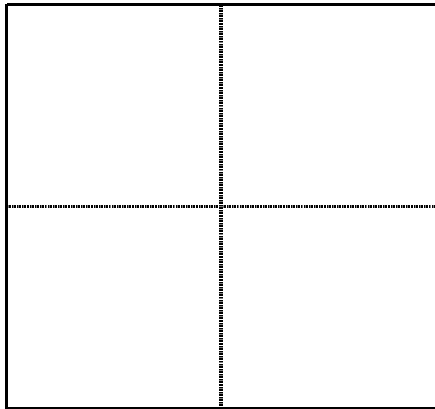
ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

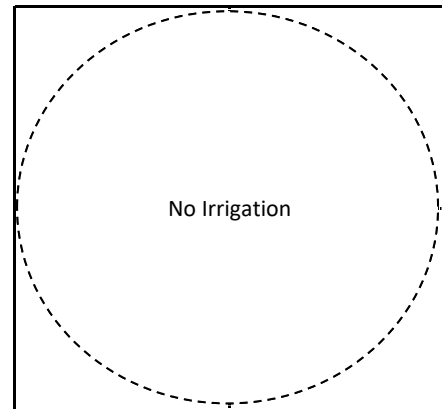
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 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: 9/9/2019

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: 53,514,300

PHOTO: YES NO X

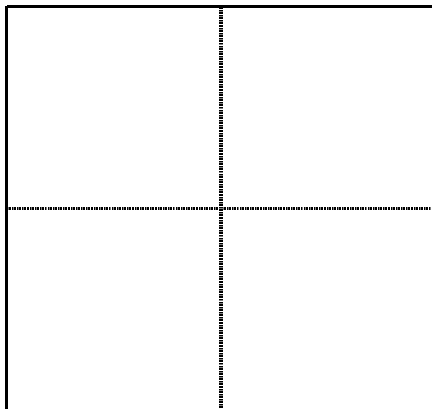
ACRES IRR: 2.0

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

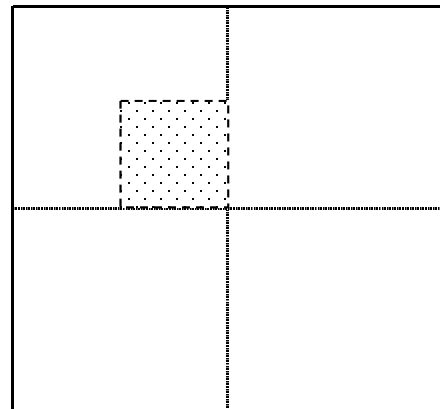
NW 1/4 SE 1/4 SEC 12



Place of Use



Low Managed
Pasture Grass
and Trees



REMARKS:

09-21-18 - 49,698,100

09-27-19 - 53,514,300 = 3,816,200 gallons $\approx$ 11.52 acre-feet annually

SIGNATURE: 

DATE: 9/27/2019

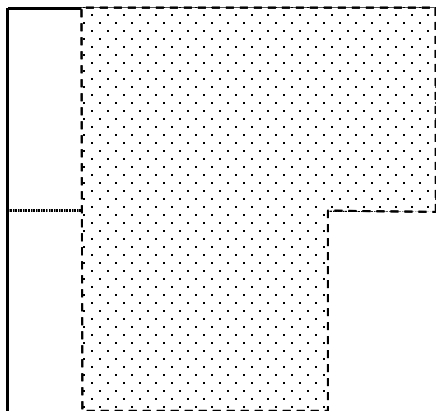
PUMPAGE INVENTORY FIELD REPORT

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: 887,839 *.001 ac-ft
 PHOTO: YES NO X ACRES IRR: 28.14
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

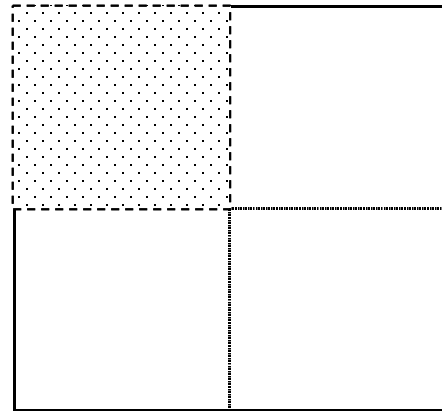
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

SE 1/4 NW 1/4 SEC 35

SW 1/4 NE 1/4 SEC 35



 Place of Use
 Alfalfa



REMARKS: North well: 09-25-18 - 867,824 * 0.001

North well: 09-19-19 - 887,839 * 0.001 ≈ 20.35 acre-feet annually

South well: 09-25-18 - 1,896,725 * 0.001

South well S/N 02-07772-6, reading 1,916,036 *.001 ac-ft ≈ 19.63 acre-feet annually

SIGNATURE: 

DATE: 9/19/2019

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: 16,250,600

PHOTO: YES NO

ACRES IRR: 1.5

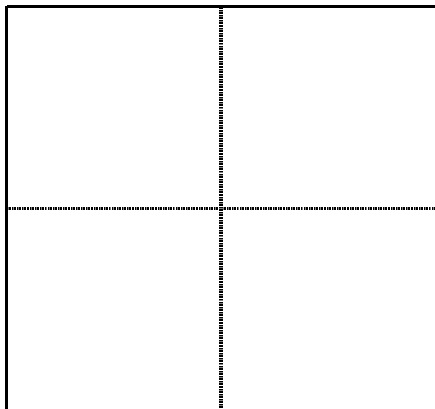
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

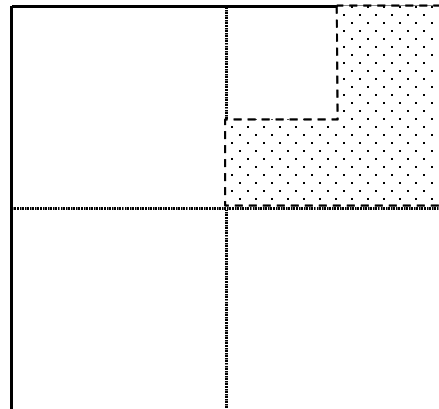
NW 1/4 SE 1/4 SEC 12



Place of Use



Highly
Managed
Pasture
Grass



REMARKS:

09-20-18 - 14,554,900

09-27-19 - 16,250,600 = 1,695,700 gallons ≈ 5.11 acre-feet annually

SIGNATURE: 

DATE: 9/27/2019

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:

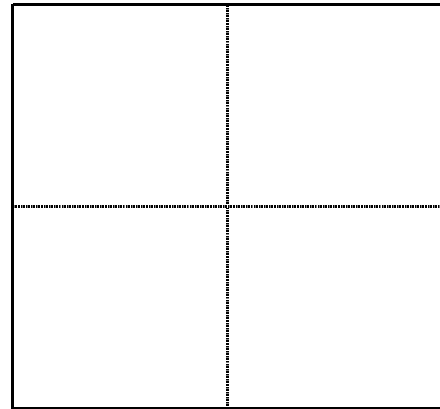
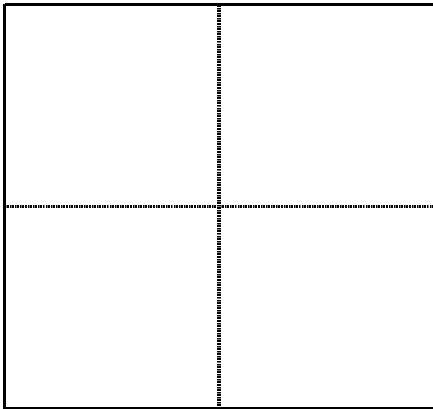
PHOTO: YES NO ACRES IRR: **0.0**

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 06-27-19

SIGNATURE:  DATE: **9/12/2019**

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: 82,596,900

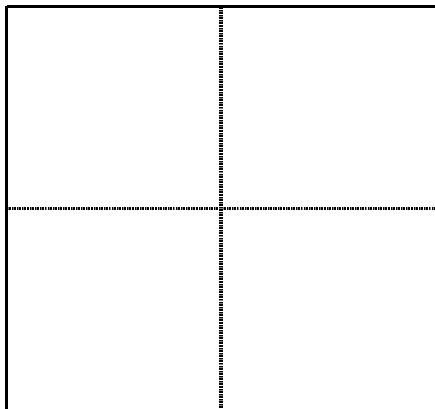
PHOTO: YES NO X ACRES IRR: 26.6

BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

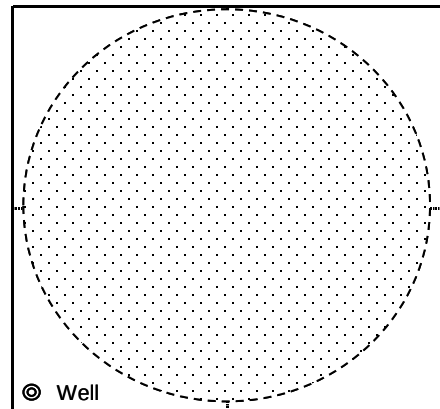
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

SE 1/4 NW 1/4 SEC 33

NE 1/4 NW 1/4 SEC 33



 Place of Use
 • • • • Windbreak
 Alfalfa



REMARKS:

09-21-18 - 172,591,300

09-19-19 - 182,596,900 = 10,005,600 gallons ≈ 30.88 acre-feet

SIGNATURE:  DATE: 9/19/2019

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: 22,776,300

PHOTO: YES NO X

ACRES IRR: 1.0

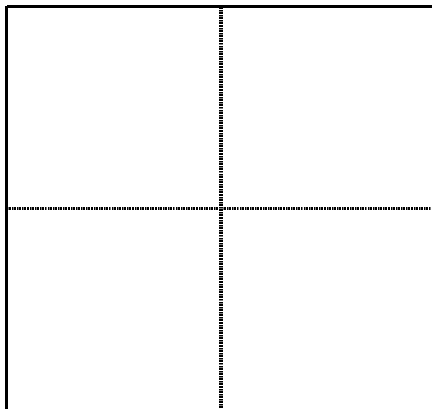
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

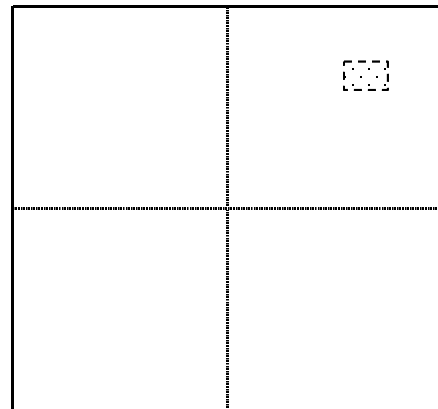
NE 1/4 NE 1/4 SEC 07



Place of Use



Low Managed
Pasture Grass
and Garden,
Sprinklers



REMARKS: Broken sprinklers

09-20-18 - 19,751,100

09-24-19 - 22,776,300 = 3,025,200 gallons ≈ 9.18 acre-feet annually

SIGNATURE: 

DATE: 9/24/2019

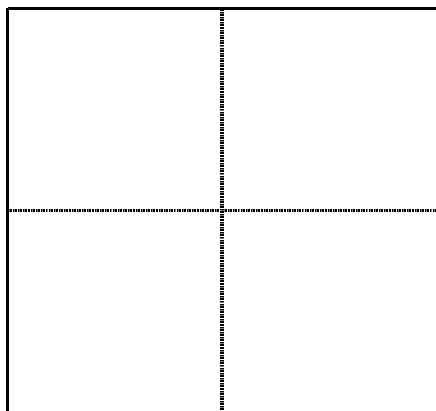
PUMPAGE INVENTORY FIELD REPORT

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: 15,539,600
 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

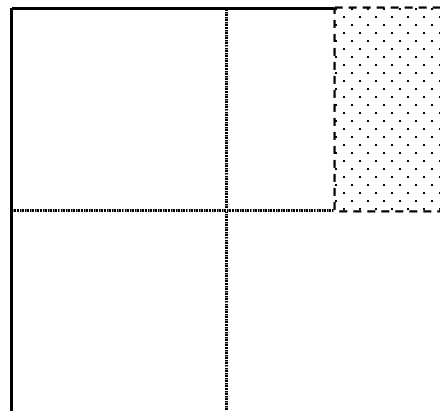
NW 1/4 SE 1/4 SEC 10



Place of Use



High
Managed
pasture Grass
and Fruit



REMARKS:

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

09-28-18 - 13,757,700

09-30-19 - 15,539,900 = 1,782,200 gallons ≈ 5.44 acre-feet annually

SIGNATURE: 

DATE: 9/30/2019

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: 17,078,800

PHOTO: YES NO X

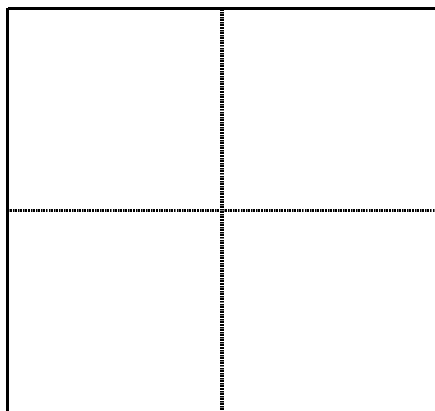
ACRES IRR: 2.0

BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

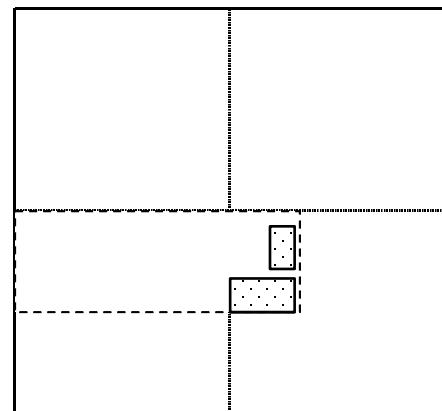
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 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.

09-26-18 - 13,899,200

09-27-19 - 17,078,800 = 3,179,600 gallons $\approx$ 9.73 acre-feet annually

SIGNATURE: 

DATE: 9/27/2019

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: 89,548,000

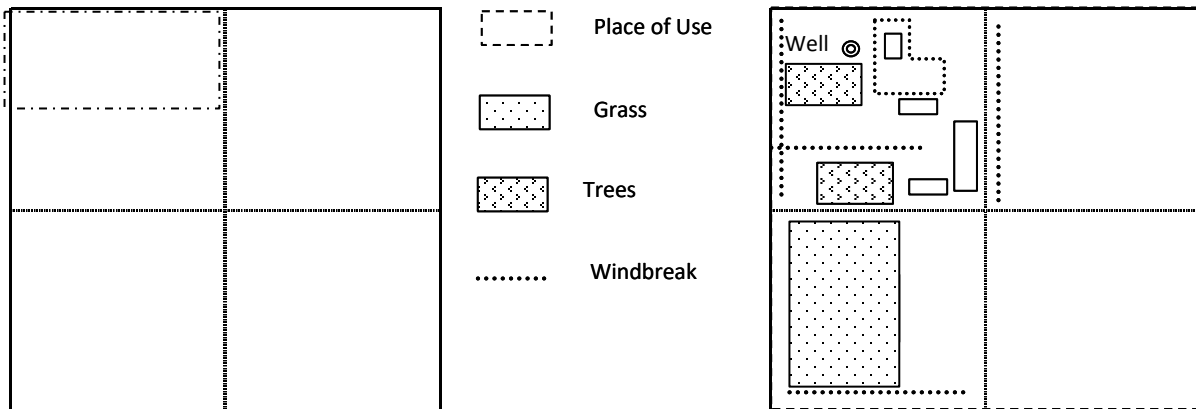
PHOTO: YES NO X ACRES IRR: 15.0

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



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

09-20-18 - 189,078,500 (Permit No. 83483 is for QM use = 3.0 acre-feet)

09-24-19 - 189,548,000 = 469,500 gallons $\approx$ 1.43 acre-feet annually. Broken meter

Broken meter. NIWR, grass, sprinklers 15 acres*3.6/0.75 = 72 acre-feet annually

SIGNATURE: DATE: 9/24/2019

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:

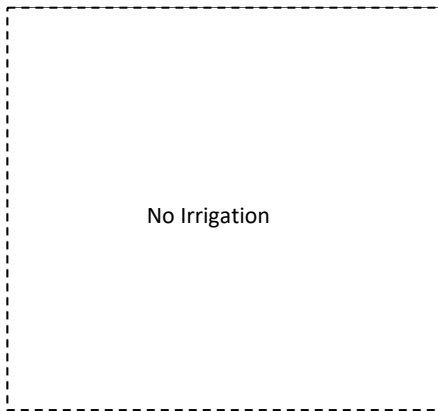
PHOTO: YES NO ACRES IRR: **0.0**

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

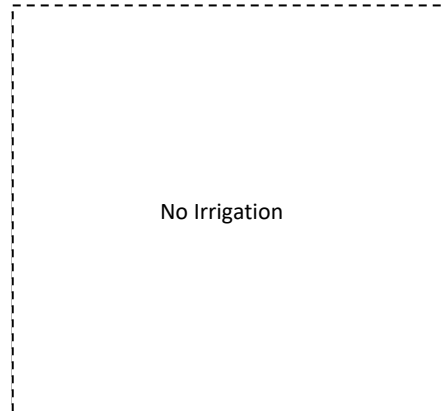
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

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

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



Place of Use



REMARKS: **Well visible. No meter**

SIGNATURE:  DATE: **9/24/2019**

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: 293,262 * 0.001 ac-ft

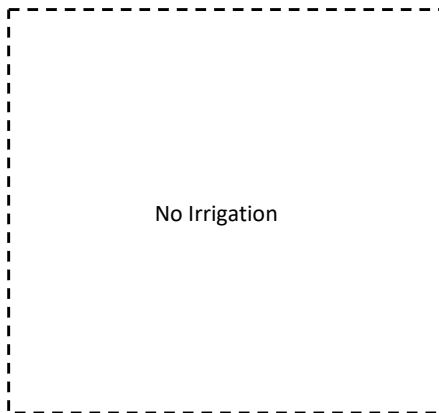
PHOTO: YES NO X ACRES IRR: 0.0

BENEFICIAL USE: YES NO X PORTION ALL TYPE

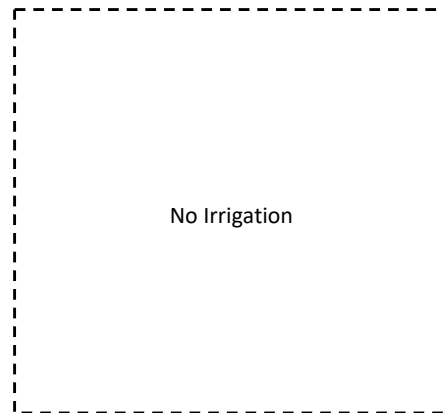
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

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.

09-20-18 - 291,423 * 0.001 ac-ft

09-24-19 - 293,262 * 0.001 ac-ft ≈ 1.82 acre-feet annually

SIGNATURE: 

DATE: 9/24/2019

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: 793,359 * 0.001 ac-ft

PHOTO: YES NO X

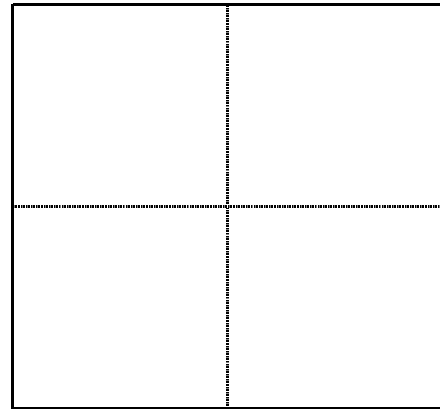
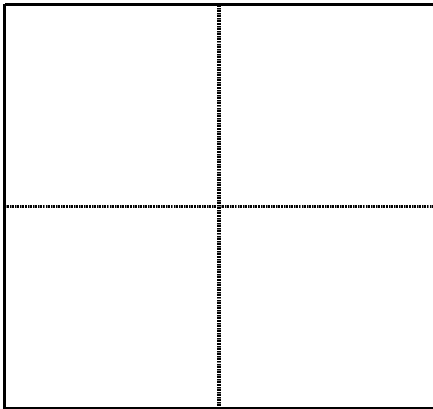
ACRES IRR: See Permit No. 20162

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:

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

09-19-19 -793,359 * 0.001 acre-feet

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

SIGNATURE: 

DATE: 9/19/2019

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: 51,877,500

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 **7**

Place of Use



Garden

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

09-05-18 - 51,876,000

09-17-19 - 51,877,500 = 1,500 gallons $\approx$ 0 acre-foot annually

SIGNATURE:

Frang R

DATE: **9/17/2019**

9/17/2019

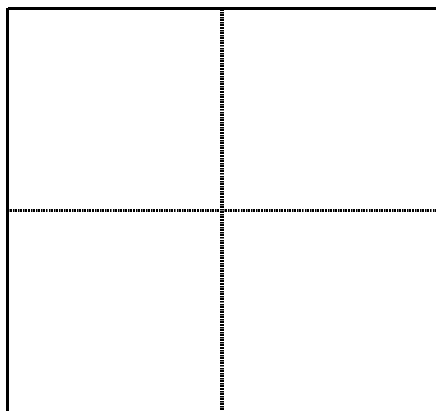
PUMPAGE INVENTORY FIELD REPORT

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: 46,842,200
 PHOTO: YES NO X ACRES IRR: 2.0
 BENEFICIAL USE: YES X NO PORTION ALL X TYPE Irrigation

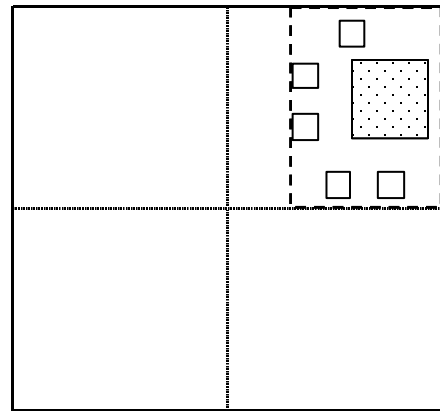
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 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.

09-21-18 - 41,479,900

09-23-19 - 46,842,200 gallons = 5,362,300 gallons ≈ 16.37 acre-feet

SIGNATURE:  DATE: 9/23/2019

PUMPAGE INVENTORY FIELD REPORT

1/3

BASIN NO: 230

PERMIT NO: 82739 et al.

WELL: YES X NO

METER SER NO: (See Inventory)

PUMP: YES X NO

PUMP TYPE:

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: (See Inventory)

PHOTO: YES NO X

ACRES IRR: (See page 3/3)

BENEFICIAL USE: YES X NO

PORTION X ALL

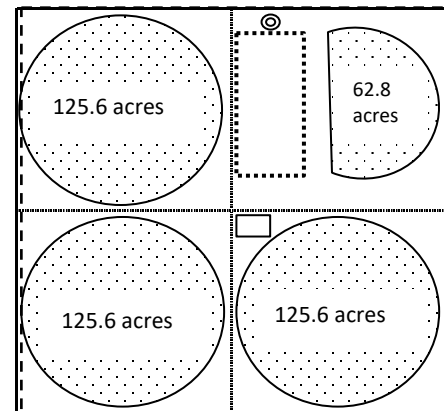
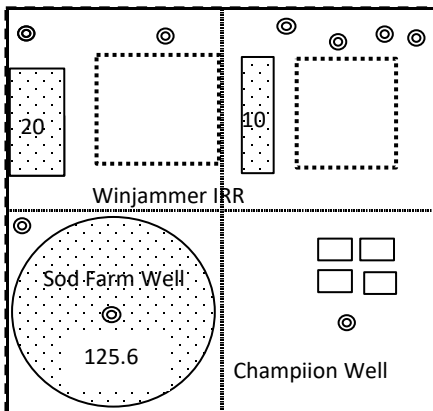
TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC 09

 1/4 1/4 SEC 10

Fatman Well



SIGNATURE: *Tracy R*

DATE: 8/2/2019

PUMPAGE INVENTORY FIELD REPORT

2/3

BASIN NO: 230

PERMIT NO: 82739 et al.

WELL: YES X NO

METER SER NO: (See Inventory)

PUMP: YES X NO

PUMP TYPE:

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: (See Inventory)

PHOTO: YES NO X

ACRES IRR: (See page 3/3)

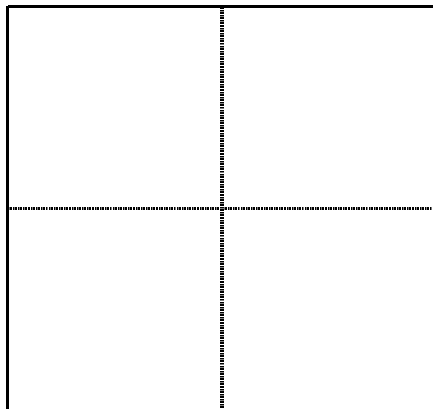
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

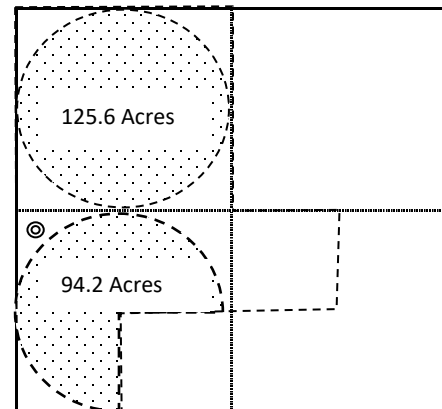
 1/4 1/4 SEC 15



 Place of Use

 Pasture,
Triticale and
Sudan

 Monster Well



REMARKS:

SIGNATURE: 

DATE: 8/2/2019

PUMPAGE INVENTORY FIELD REPORT

3/3

BASIN NO: 230

PERMIT NO: 82739 et al.

WELL: YES X NO

METER SER NO: (See Inventory)

PUMP: YES X NO

PUMP TYPE:

MOTOR: YES NO

MOTOR TYPE:

METER: YES X NO

METER READ: (See Inventory)

PHOTO: YES NO X

ACRES IRR: 1066.2

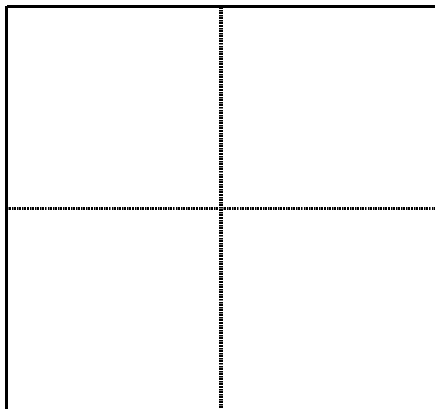
BENEFICIAL USE: YES X NO

PORTION X ALL TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

 1/4 1/4 SEC

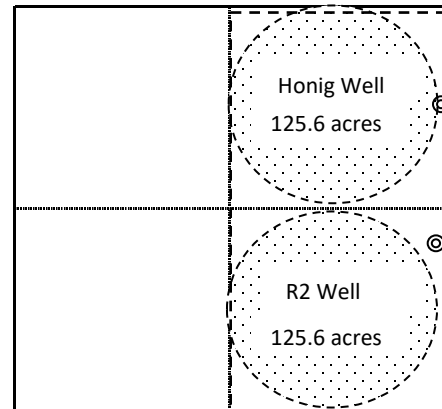
 1/4 1/4 SEC 4



Place of
Use



Triticale
and
Sorghum



REMARKS: Rockview Dairies Pumpage = 3,013.62 acre-feet annually.

SIGNATURE: 

DATE: 8/2/2019

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: 44,134,300

PHOTO: YES NO X

ACRES IRR: 56.80

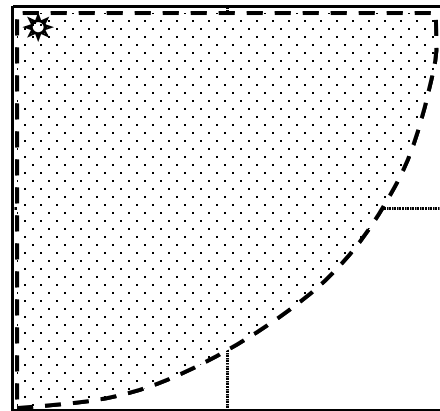
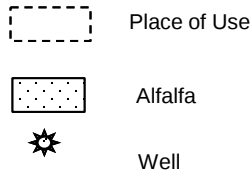
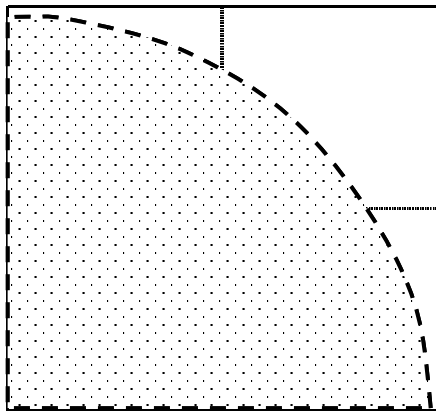
BENEFICIAL USE: YES X NO

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

08-07-18 - 501,192,800

08-02-19 - 644,134,300 = 142,941,500 gallons ≈ 444.76 acre-feet annually

SIGNATURE: 

DATE: 8/2/2019

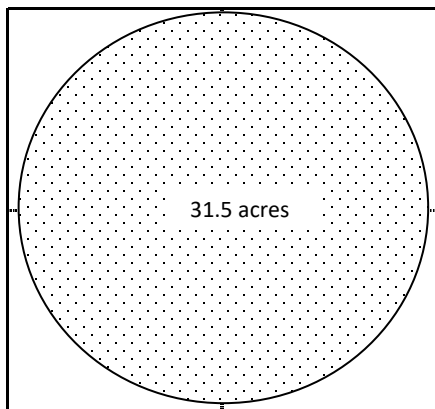
PUMPAGE INVENTORY FIELD REPORT

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: 142,770,000
 PHOTO: YES NO ACRES IRR: 51.50
 BENEFICIAL USE: YES X NO PORTION X ALL TYPE Irrigation

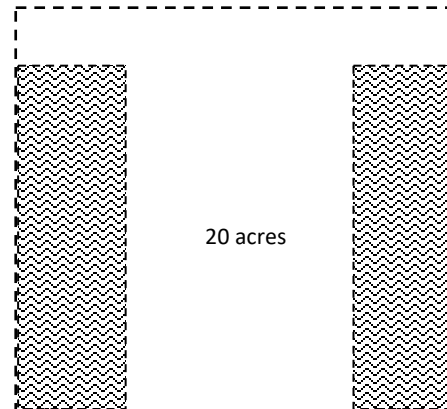
IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

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: _____

09-21-18 - 115,701,000

09-19-19 - 142,770,000 = 27,069,000 gallons $\approx$ 83.53 acre-feet annually

SIGNATURE:  DATE: 9/19/2019