

3. Drip Irrigation Systems (excluding pumps, filters and SO2 generators)
 402,000' of A620 Poly Tubing prepunched, w/1/2 GPM Emitters
 4,000' of A620 Poly Tubing prepunched w/1/2 GPM Emitters
 10,000' of A520 Poly Tubing prepunched w/1/2 GPM Pressure Compensating Emitters
 190,000' of A620 Poly Tubing prepunched w/1 GPM Emitters
 63,000' of A520 Poly Tubing prepunched w/1 gpm Emitters
 34,220' of A620 Poly Tubing prepunched w/1 GPM Pressure Compensating Emitters
 66,000' of A520 Poly Tubing prepunched w/1 GPM Pressure Compensating Emitters
 325,527' of 16MM Poly Tubing prepunched w/1/2 GPM Emitters
 392,374' of 16MM Poly Tubing prepunched w/1 GPM Emitters

Farm: WESTERN EMPIRES
 Pru #: FP 24005-002
 Firm #: 4064

IRRIGATION EQUIPMENT

1. Pumping

Plant	Brand	Pump I.D.#	Type/Stages	Horse-power	Brand	Motor Ser.#
a. River Station						
#1	Layne	7803	turbine	300	Westing	90612
#2	"	7703	" "	300	"	90610
#3	"	7802	" "	300	"	90609
#4	"	78034	" "	300	"	90611
#5	"	7710	" "	300	"	90608

Concrete/steel pump station

b. Booster Pumps

Plant	Pump Id.#	Type/Stages	Horse-power	Brand	Motor Ser.#	
1.) Pump 1						
#1	Queen	871434.W	turbine	500	US	53-01833-079
#2	Layne	54381	" "	300	US	53-01831-079
#3	Queen	2618026	" "	600	Mags	53-01829-078
#4	Layne	73513	" "	600	US	53-01829-078

Concrete/steel booster station

2.) Pump 2

Plant	no #	Type	Horse-power	Brand	Motor Ser.#	
#1	Layne	no #	turbine	400	US	J1416606
#2	"	no #	" "	300	US	53-01832-079
#3	"	73515	" "	600	US	53-01828-079
#4	"	73514	" "	500	US	J1416605

Concrete/steel booster station

3.) "200" pipeline Booster

Brand	Motor Ser.#
Cornell	53748

Centrifugal 75 - TH65571DG558075ANW

c. Drainage Pumps

no #	Type	Horse-power	Brand	Motor Ser.#	
C-109	Mouret	no #	low lift	5 Ajax	R-05 104/4114
C-119	Mouret	no #	" "	15 Ajax	R-015713-66JFCU7

Center Pivot Sprinkler Systems:

Circle #	Brand	Length	# Towers	Serial #
101	Pringle-yellow	948'	7	no #
202	" -blue	1,320	10	no #
203	" -yellow	1,176	9	no #
104	" -blue	1,300	7	38-6592
105	"	1,320	10	75-721
106	Lindsay	1,320	10	no #
207	Lindsay	1,320	10	no # L3237
208	Lindsay	1,300	10	no # L3237
109	" -blue	1,300	10	no #
110	Lindsay	1,320	10	no # L3256
111	Lindsay	1,320	10	no # L3257
212	"	1,320	10	no #
213	"	1,320	10	no #
114	Lindsay	1,320	10	no #
115	Lindsay	1,320	10	no #
116	" -blue	1,288	8	109-6689
217	" -yellow	1,320	10	no #
218	Lindsay	1,320	10	no #
119	" -blue	1,748	11	109-6687
220	"	1,288	8	109-6688
221	" -yellow	1,320	10	no #
152	" -blue	560	3	56-6126
253	" -yellow	566	4	no #
254	" -blue	550	3	18-4181
155	"	550	3	56-6138
156	" -yellow	566	4	no #
256	" -blue	550	3	no #
157	" -yellow	550	3	no #
158	" -blue	576	4	76-691
258	" -yellow	576	4	no #
260	"	680	5	no #
261	" -blue	576	4	38-6585

3. Solid Set Sprinkler Systems:

- a. Cropland-buried system on 80' head spacing
- b. Orchard-buried, overhead, frost protection:
 Blocks 151, 153, 154, ss-1 and ss-13
- c. Orchard-drip, micro-sprinklers:
 Blocks 153 and 154

Headquarters

Type	Size	Roof	Construction
Office	35'x60'	Tile	Frame/stucco
Shop	40'x60'	Metal	Frame
Parts shop	30'x50'	Metal	Frame
Machine Shed	30'x120'	Metal	Frame
Potato Storage	68'x200'	Metal	Frame
Electric Fuel Pumps	5,000 gal. gas		Buried steel tanks
	10,000 gal. diesel		
Shop "450 Block"	30'x50'	Metal	Wood Frame w/concrete floor

IRRIGATION EQUIPMENT LIST

1. Pumping

Plant	Brand	Pump I.D.#	Type/Stages	Horse-power	Brand	Motor Ser.#
a. River Station						
#1	Layne	73108	25GHC/4	800	U.S.	51-10409-770
#2	"	70606	25GHC/4	800	U.S.	53-02209-021
#3	"	70605	25GHC/4	800	U.S.	51-10385-719
#4	"	no #	25GHC/4	800	U.S.	51-10384-720
#5	"	70604	25GHC/4	800	U.S.	51-10378-710
b. Well Pumps						
#1	Layne	54289	12RKEH/4	100	U.S.	CR1008849
#2	"	54288	12RKEH/4	100	"	C2955-01-172
#3	"	54292	12RKEH/4	100	"	2033226
#4	"	54293	12RKEH/4	100	"	82033225
#5	"	54295	12RKEH/4	100	"	2033238
#6	"	54297	12RKEH/5	75	"	2026471
#7	"	54286	12RKEH/4	100	"	2033255
#8	"	54305	12TLC/4	100	"	2040632
#9	"	54304	12RKEH/4	125	"	C2948-02-216

#11	"	54310	12TLC/5	100	"	2033222
#12	"	54311	14TLC/3	150	"	C2688-01-271
#16	"	54318	14TNC/2	150	"	CC1009305
#17	"	54319	12RKEH/3	75	"	82045441
1C	"	54287	12RKEH/4	125	"	R19982-01-237
2C	"	54314	14TLC/3	150	"	C2690-01-171
A	(Booster 1)	54446	14TLC/3	250	"	CC1004823
D	Layne	54455	12TLC/7	150	"	C520558
E	(Booster 2)	54454	14TNC/3	350	"	53-80181-202
F	SS 6	54456	14TNC/4	300	U.S.	C9542-00-273

Wells 10, 13-15 and 3C abandoned - No Pumps

c. Pump Pumps

18-1	Layne	54308	12TLC/4	200	G.E.	GJ704113
18-3	Layne	54307	12TLC/4	100	U.S.	82056567
Circle 5	Berkeley	SS	Centrifugal	75	"	7981091

d. Booster Pumps (Canned)

3	Layne	73756	180HC/1 Turbine	150	U.S.	CC1010270
4	Layne	73755	180HC/1	150	U.S.	CC1010269
5	Layne	71142	19GHA/1	200	"	R-63439-04-890
SS-1	"	7148147.2	Centrifugal	40	"	DF6172008 (in shop)
Circle 1	Cornell	57191	"	100	Marathon	19-05392-6/30-08
Circle 1	Cornell	57190	"	100	"	19-05302-6/30-05
Circle 10	Cornell	57208	"	150	"	19-04706-1/7-05
Circle 10	Cornell	57207	"	150	"	19-04706-1/7-04

e. Motors in Inventory

no.	Description	H.P.	Brand	Serial #
1.	1-Elec. Motor - burned out, in storage on farm	100	U.S.	2033237
2.	2-Elec. Motors @ farm shop	100	U.S.	82942-00-171
		100	U.S.	82943-00-870

2. Center Pivot Sprinkler Systems:

a. Circle #	Brand	Length	# Towers	Serial #	
1	Gifford Hill	1281'	10	73070-082371	
2	"	"	"	72970-082071	
3	"	"	"	70870-061871	
4	"	1241'	"	71470-071371	
5	"	1033'	8	49470-011576	
6	"	661'	5	71870-072171	
7	"	1033'	8	49570-011576	
8	"	1281'	10	70770-061271	
9	"	"	"	71370-071371	
10	"	996'	8	71270-072171	
11	"	750'	6	49370-011576	
12	Pierce	1248'	8	84081150-13530	
53	Valley	1250'	7	4271-36496	
14	Gifford Hill	909'	7	73570-091071	
15	"	1281'	10	72670-081671	
16	"	1157'	9	73370-101971	
17	"	909'	7	73470-090871	
18	"	1281'	10	71570-071671	
19	"	1281'	10	72070-072771	
20	"	996'	8	72070-072871	
21	"	1281'	10	77470-021673	
22	"	"	"	72270-880271	
23	"	"	"	72370-080571	
24	"	"	"	4845-35126	
25	Valley	1408'	9	77270-021273	
26	Lindsay	Gifford Hill	1281'	10	77270-021273 L32626
27	Pierce	1248'	8	4081150-13430	
28	Lindsay	Gifford Hill	1407'	11	72370-080876 L32621
29	Pierce	1390'	9	84081150-13430	
30	Valley	1408'	9	4845-35136	
31	Gifford Hill	1281'	10	77570-021273	
32	"	1033'	8	77570-021673	
33	"	785'	6	77670-021673	
34	Pierce	1248'	8	84091150-13730	
35	Gifford Hill	1281'	10	70970-062971	
36	Gifford Hill	645'	5	76270-090172	
37	"	1281'	10	71770-070771	
38	"	1117'	9	73270-090771	
39	"	1281'	10	71070-070271	
40	"	1117'	9	73170-083171	

* Equipment change since acquisition by Prudential in 1980

b. Mini-Pivots

#	Brand	Length	# Towers	Serial #
R-34	Gifford Hill	460'	4	None
R-28	"	665'	5	"
R-32	"	665'	5	"
R-18	"	500'	4	"
R-12	"	500'	4	"
R-53	"	645'	5	"
R-19	"	395'	3	"
R-24	"	770'	6	"
R-26A	Gifford Hill	1000'	8	"
R-26B	Lockwood	770'	6	"
R-16	Gifford Hill	750'	6	"
R-5	"	375'	3	"
P-3	Pringle	520'	4	"
R-8	Pringle	500'	4	"

3. Pipelines

a. Solid-Set and Mainline Pipe:

# Joints	Location
5,211	North of Highway
1,222	South of Highway
Total: 6,433 Joints on farm being used.	
17	Joints of 12" x 30' Aluminum Mainline
95	Joints of 10" x 30' Aluminum Mainline
127	Joints of 8" x 30' Aluminum Mainline
60	Joints of 6" x 30' Aluminum Mainline
30	Joints of 6" x 30' Aluminum Mainline
1089	Joints of 3" x 40' Aluminum Mainline
100	Joints of 3" x 20' Aluminum Mainline
500	Joints of 3" x 40' Solid-Set Missing sprinklers & risers
800	Joints of 3" x 40' Solid Set Scrap
b. Permanent Solid Set Sprinklers:	
1) SS-1: 85 Acres complete with sprinklers and risers	
2,480'	- 6"-8" PVC Pipe
460'	- 3"-5" PVC Pipe
3,780'	- 2"-2 1/2" PVC Submain
9,900'	- 1"-1 1/2" PVC Laterals
2) SS-10: 15 Acres complete with sprinklers and risers	
8,160'	- 4" PVC Pipe
30,400'	- 1 1/4" - 2" PVC Laterals