

3. Drip Irrigation Systems (excluding pumps, filters and S02 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  
 Film #: 4064

**IRRIGATION EQUIPMENT**

**1. Pumping**

Plant	Brand	Pump I.D.#	Type/Stages	Horsepower	Brand	Motor Ser.#
<b>a. River Station</b>						
#1	Layne	7803	turbine	300	Westings	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	Brand	Pump Id.#	Type/Stages	Horsepower	Brand	Motor Ser.#
<b>1.) Pump 1</b>						
#1	Queen	871434.W	turbine	500	US	53-01833-079
#2	Layne	54381	"	300	US	53-01831-079
#3	Queen	2618026	"	600	Maps	53-01829-078
#4	Layne	73513	"	600	US	53-01829-078

Concrete/steel booster station

**2.) Pump 2**

Plant	Brand	Pump Id.#	Type/Stages	Horsepower	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**

Plant	Brand	Pump Id.#	Type/Stages	Horsepower	Brand	Motor Ser.#
Cornell	Cornell	53748	Centrifugal	75	-	TR3655TDS58075ANW

**c. Drainage Pumps**

Plant	Brand	Pump Id.#	Type/Stages	Horsepower	Brand	Motor Ser.#
C-109	Marret	no #	low lift	5	Ajax	R-05 104/4114
C-119	Marret	no #	"	15	Ajax	R-015713-66JPC7

**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 -yellow	1,320	10	no #
207	Lindsay -yellow	1,320	10	no # L3237
208	Lindsay -yellow	1,300	10	no # L3237
109	" -blue	1,300	10	no #
110	Lindsay -yellow	1,320	10	no # L3256
111	Lindsay -yellow	1,320	10	no # L3257
212	"	1,320	10	no #
213	"	1,320	10	no #
114	Lindsay -yellow	1,320	10	no #
115	Lindsay -yellow	1,320	10	no #
116	" -blue	1,288	8	109-6689
217	" -yellow	1,320	10	no #
218	Lindsay -yellow	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, 251, ss-1 and ss-13
- c. Orchard-drip, micro-sprinklers:**  
 Blocks 153 and 154

Type	Size	Roof	Construction
Headquarters			
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	Horsepower	Brand	Motor Ser.#
<b>a. River Station</b>						
#1	Layne	73108	25GNC/4	800	U.S.	51-10409-770
#2	"	70606	25GNC/4	800	U.S.	53-02209-021
#3	"	70605	25GNC/4	800	U.S.	51-10385-719
#4	"	no #	25GNC/4	800	U.S.	51-10384-720
#5	"	70604	25GNC/4	800	U.S.	51-10378-710

**b. Well Pumps**

Plant	Brand	Pump Id.#	Type/Stages	Horsepower	Brand	Motor Ser.#
#1	Layne	54289	12RKEH/4	100	U.S.	CR100849
#2	"	54288	12RKEH/4	100	"	CR2955-01-172
#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	"	CR2948-02-216

#11	"	54310	12TLC/5	100	"	2033222
#12	"	54311	14TLC/3	150	"	CR2688-01-271
#16	"	54318	14TNC/2	150	"	CC1009305
#17	"	54319	12RKEH/3	75	"	82045441
1C	"	54287	12RKEH/4	125	"	R-9982-01-237
2C	"	54314	14TLC/3	150	"	CR2690-01-171
A (Booster 1)	"	54446	14TLC/5	250	"	CC1004825
B Layne	"	54455	12TLC/7	150	"	CR20558
E (Booster 2)	"	54454	14TNC/3	350	"	SS-00181-202
F SS 6	"	54456	14TNC/4	300	U.S.	CR9542-00-273

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

**c. Sum Pumps**

18-1	Layne	54308	12TLC/4	200	G.E.	6J704113
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	190AA/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**

Plant	Brand	Motor Ser.#	H.P.	Brand	Serial #
<b>1. 1-Elec. Motor - burned out, in storage on farm</b>					
			100	U.S.	2033237
<b>2. 2-Elec. Motors @ farm shop</b>					
			100	U.S.	82942-00-171
			100	U.S.	82943-00-070

**2. Center Pivot Sprinkler Systems:**

**a. Circle #**

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	"	641'	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
13	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	Valley	1408'	9	4865-35126
25	Lindsay Gifford Hill	1281'	10	77270-021273 L32626
26	Pierce	1248'	8	4081150-13630
27	Lindsay Gifford Hill	1407'	11	73470-090871 L32621
28	Pierce	1399'	9	84081150-13430
29	Valley	1408'	9	4865-35136
30	Gifford Hill	1281'	10	77570-021273
31	"	1033'	8	77570-021673
32	"	785'	6	77670-021673
33	Pierce	1248'	8	84091150-13730
34	Gifford Hill	1281'	10	70970-062971
35	Gifford Hill	645'	5	76270-090172
36	"	1281'	10	71770-070771
39	"	1117'	9	73270-090771
40	"	1281'	10	71070-070271
43	"	1117'	9	73170-083171

\* Equipment change since acquisition by Prudential in 1980

**b. Mini-Pivots**

Plant	Brand	Length	# Towers	Serial #
R-34	Gifford Hill	440'	4	None
R-28	"	645'	5	"
R-32	"	645'	5	"
R-18	"	800'	4	"
R-12	"	800'	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	"
R-3	Pringle	520'	4	"
R-8	Pringle	500'	4	"

**3. Pipelines**

**a. Solid-Set and Mainline Pipe:**

# Joints	Location
5,211 Joints of 3" x 40" aluminum (Approx. 1,007 of these on Port Land)	North of Highway
3,222 Joints of 3" x 40" aluminum	South of Highway
Total: 8,433 Joints on farm being used.	
17 Joints of 12" x 30" Aluminum Mainline	Stack by Spud Shed.
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	Stack by S-1
1089 Joints of 3" x 40" Aluminum Mainline	Stack by Spud Shed
100 Joints of 3" x 20" Aluminum Mainline	"
500 Joints of 3" x 40" Solid-Set Misting 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  
 440' - 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