

Joe Mow...

November 6, 1987

From: M.B. Pierce
Superintendent
Magma Electric Co

To: R.L. Tenney
Manager of Operations
Imperial Valley

Subject: Monthly Status Report, October 1987

I. Status

During the month of October the facility has been on line 96.9 percent, the gross power generation was 8652 Megawatt hours, with sales of 5767 Megawatt hours. The average brine flow has been 1.54 M lbs/hr (3465 gpm) at 348 degrees F inlet and 173 degrees F outlet.

II. Production Well Highlights

Production well #88-7 was taken off line 10-28 due to excessive radial clearances in the line shaft.

Production well #48-7 was brought back on line the 3rd after repairs were made to the production tube. This pump now has 4,298 rotating hours on it. This is one of the best run times we have gotten out of a pump in this well. It appears that the chemical inhibitor is doing a good job for us.

A new pump was installed in production well number B1-7 and the well was put into service on the 28th. The well is producing 136,000 lbs/hr of 348 deg F. brine.

III. Problems And Solutions:

There were five incidences of down time this month. One of the outages was due a loss of control air caused by a leak in the air pumping system. The plant was taken down on the 14th so that the substation insulators could be cleaned. The brine sand separator was cleaned and inspected during the outage.

Three of the outages were due to a loss of the 34.5 kv transmission line. During the last storm on the 31st, we lost power to the 48-7 production wells. One of the 4,160 volt conductors shorted to ground. All three cables were replaced and production wells 48-7 and 48-7A are back in service.

M. B. Pierce

Michael B. Pierce

MBP/jll

CC: B.C. McCabe
L. Davis
P.M. Pankratz
R.L. Walzel
F. Teeters
S.G. Stiger
P.M. Wright
M. Lipmann
R.E. Corbaley
Buck McCabe
G.K. Crane
S. Haggerty

Please sign and return this form if this information is of value to you and you wish to continue receiving it.

Representative_____

Company or Organization_____

PLANTATION NUMBER	PLANT PER DAY	MIN. PEAK PER DAY	OTIF PLANT PER DAY	TOTAL PER DAY	AVERAGE PER HOUR	FORMINGS PER DAY
1	14	50	0%	134	6.50	\$19,393.76
2	14	62	7%	171	6.83	\$20,316.58
3			17%	170	7.42	\$9,336.02
4			18%	151	7.56	\$9,348.10
5	15	65	8%	200	8.33	\$14,427.67
6	15	70	9%	200	8.33	\$14,511.31
7	15	70	9%	199	8.29	\$14,458.56
8	15	82	9%	202	8.42	\$14,431.14
9	15	82	9%	190	8.33	\$14,545.94
10				187	7.79	\$9,614.61
11				183	8.96	\$7,543.33
12	17	72	12%	167	7.06	\$12,737.57
13	17	70	13%	202	8.42	\$14,684.41
14	17	7	7%	133	6.42	\$7,965.88
15	17	78	12%	199	8.29	\$14,491.73
16	17	82	13%	204	8.50	\$14,836.76
17				199	7.71	\$9,513.82
18				194	7.75	\$9,563.94
19	18	81	13%	202	8.42	\$15,573.10
20	18	72	7%	181	7.67	\$15,119.20
21	18	81	12%	201	8.38	\$14,650.59
22	18	81	14%	203	8.75	\$13,419.89
23	18	82	7%	202	8.40	\$13,367.78
24				184	7.67	\$9,596.90
25				181	8.25	\$10,316.23
26	19	72	7%	192	8.29	\$13,193.23
27	19	81	13%	201	8.79	\$13,313.68
28	19	82	11%	197	8.21	\$13,090.43
29	19	70	7%	185	7.63	\$12,139.81
30	19	77	7%	184	7.69	\$12,225.69
31				178	7.90	\$9,253.25
TOTAL	150	152	21%	571		\$3,136.36
AVERAGE	2.10	3.00	4.01	154.2	6.82	
MINIMUM	1.00	1.00	1.00	5.00		
MAXIMUM	2.00	2.00	2.00	10.00	7.99	
PLANTATION	150	152	21%	571		
PLANT PER DAY	2.10	3.00	4.01	154.2	6.82	
MINIMUM	1.00	1.00	1.00	5.00		
MAXIMUM	2.00	2.00	2.00	10.00	7.99	

APPROXIMATE MILEAGE DURATION	6-7 MI FLOW	WELL 64-7 65 FLOW	68-70 69 FLOW	WELL 64-70 65 FLOW	69-7 70 FLOW	WELL 64-7 64 FLOW	TOTAL PRINE FLOW
1	417	390000	647	51000	418	730000	1410000
2	417	330000	437	50000	412	760000	1470000
3	439	810000	551	50000	411	730000	1490000
4	415	840000	579	55000	313	740000	1440000
5	415	850000	585	70000	415	750000	1470000
6	415	870000	503	75000	411	740000	1472000
7	413	880000	498	78000	410	740000	1450000
8	417	830000	573	70000	413	740000	1466000
9	439	850000	460	90000	412	740000	1448000
10	413	850000	470	70000	410	740000	1462000
11	415	730000	490	60000	410	740000	1440000
12	415	920000	477	70000	409	760000	1798000
13	413	940000	440	75000	413	740000	1782000
14	412	730000	504	70000	406	730000	1790000
15	415	500000	513	70000	415	740000	1812000
16	412	700000	643	50000	414	730000	1810000
17	414	400000	480	80000	410	730000	1820000
18	412	400000	510	70000	412	730000	1824000
19	412	1000000	607	70000	418	730000	1810000
20	401	1000000	545	70000	415	730000	1824000
21	414	1010000	440	60000	412	710000	1820000
22	412	1200000	504	70000	415	710000	1816000
23	415	1000000	467	70000	412	750000	1820000
24	412	1000000	515	70000	410	740000	1822000
25	415	1000000	510	70000	410	740000	1822000
26	413	970000	448	70000	412	720000	1790000
27	412	920000	431	70000	412	740000	1812000
28	410	700000	483	70000	412	730000	1790000
29	410	400000	511	50000	413	700000	1784000
30	412	300000	410	40000	400	700000	1720000
31	411	810000	400	50000	404	700000	1730000
TOTAL DURATION	415	2225000	749	70000	410	730000	10603000

DATE	TIME	TEMP	WIND	WIND DIR	WIND SPC	WIND SPC	WIND SPC	WIND SPC	WIND SPC	WIND SPC	WIND SPC	WIND SPC	WIND SPC
MM/DD	HH	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD
1	1	281	350	255	34	111000	21.0	112	12	573.3	250.3	372.5	670.0
2	1	283	349	154	28	113000	20.7	116	13	574.3	249.9	374.3	664.3
3	1	284	348	713	22	114000	20.0	113	19	583.9	250.2	374.0	663.2
4	1	287	349	277	25	115000	20.0	115	10	596.7	254.7	374.0	663.2
5	1	287	349	795	25	112000	21.0	113	15	591.6	252.8	375.5	672.5
6	1	285	348	275	25	113000	20.0	116	12	591.6	250.0	374.3	664.3
7	1	283	349	275	24	114000	20.0	113	10	595.1	250.3	374.3	664.6
8	1	278	348	113	21	116000	20.6	116	19	601.0	252.7	373.3	670.2
9	1	270	348	203	17	117000	20.0	118	10	596.7	253.7	375.5	676.5
10	1	281	348	125	21	117000	20.7	116	10	595.1	250.5	374.0	663.2
11	1	273	348	252	20	117000	20.0	119	10	593.1	250.8	373.0	663.0
12	1	280	348	219	20	117000	20.7	115	17	594.3	252.2	375.0	669.0
13	1	287	348	300	24	115000	20.0	113	19	601.7	252.7	373.0	669.1
14	1	281	348	257	25	116000	20.7	115	10	603.0	257.3	373.3	669.2
15	1	284	347	251	21	115000	20.0	112	10	623.2	250.5	373.3	677.3
16	1	281	348	240	27	116000	20.2	115	10	604.3	253.7	373.6	673.6
17	1	280	347	214	25	117000	20.6	111	10	614.7	252.0	373.0	669.0
18	1	282	348	219	29	116000	20.0	113	02	601.0	253.7	373.3	673.3
19	1	281	348	205	27	118000	20.0	117	11	604.0	253.7	373.3	673.3
20	1	283	348	266	22	119000	20.7	117	11	601.0	253.7	374.0	668.0
21	1	283	348	141	20	119000	20.0	111	10	612.0	254.5	373.3	671.2
22	1	286	347	260	21	119000	20.0	112	10	607.7	249.0	373.0	673.0
23	1	282	348	214	21	120000	20.6	114	00	609.7	253.5	373.0	669.0
24	1	285	348	244	20	120000	20.0	112	00	612.0	253.5	373.0	673.0
25	1	283	348	215	23	119000	20.6	111	10	601.7	253.7	373.3	673.3
26	1	280	348	214	14	120000	20.0	115	02	605.0	255.6	372.5	671.5
27	1	282	348	211	19	120000	20.0	111	10	612.0	252.5	371.0	671.0
28	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
29	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
30	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
31	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
32	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
33	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
34	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
35	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
36	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
37	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
38	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
39	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
40	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
41	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
42	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
43	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
44	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
45	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
46	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
47	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
48	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
49	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
50	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
51	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
52	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
53	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
54	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
55	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
56	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
57	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
58	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
59	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
60	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
61	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
62	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
63	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
64	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
65	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
66	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
67	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
68	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
69	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
70	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
71	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
72	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
73	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
74	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
75	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
76	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
77	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
78	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
79	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
80	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
81	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
82	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
83	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
84	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
85	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
86	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
87	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
88	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
89	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
90	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
91	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
92	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
93	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
94	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
95	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
96	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
97	1	287	348	244	20	120000	20.0	114	10	607.7	253.5	373.0	673.0
98	1	287	348	244	20	120000	20.0	114	10				

WFL FA	DELIVERY	FEET	WINGSPAN	HEIGHT	FLTS	WTS	WTS	WFL	WFL	WFL	WFL	WFL	WFL
NOVEMBER	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA
1	336	337	339	90	28000	28.0	280	151	358.7	276.5	591.8	517.0	
2	331	333	337	70	28100	28.0	280	151	349.3	278.5	578.5	499.2	
3	335	337	333	90	28000	28.0	280	150	344.7	230.4	532.5	433.7	
4	334	334	331	90	28000	28.0	281	146	359.5	278.4	588.0	540.1	
5	334	347	339	81	28100	28.0	280	150	347.3	211.8	553.5	443.9	
6	330	337	335	90	28000	28.0	280	150	357.0	227.3	531.3	447.5	
7	343	337	330	90	28000	28.0	280	151	357.0	237.4	540.0	458.1	
8	341	347	325	90	28000	28.0	284	125	341.3	232.5	510.0	451.2	
9	346	347	337	90	28300	28.0	283	153	349.3	234.5	545.8	507.2	
10	343	337	335	90	28000	28.0	285	151	351.9	225.5	537.5	451.3	
11	343	340	325	70	28000	28.0	285	145	344.3	222.5	517.5	454.5	
12	343	339	339	50	28000	28.0	280	143	357.0	227.0	532.5	431.4	
13	343	342	336	70	28000	28.0	281	133	353.0	227.4	490.0	455.8	
14	348	343	324	90	28000	28.0	280	148	367.0	231.4	533.5	464.5	
15	344	349	331	90	28000	28.0	283	142	344.3	230.4	516.5	491.7	
16	345	341	321	50	28000	28.0	280	140	357.0	222.4	533.3	457.8	
17	343	340	340	90	28100	28.0	287	133	357.0	233.4	545.3	493.5	
18	343	340	337	50	28000	28.0	286	123	345.3	224.3	513.3	462.1	
19	341	341	337	70	28000	28.0	285	130	344.3	232.3	510.0	492.3	
20	343	341	340	50	28000	28.0	284	139	346.0	223.3	528.3	491.7	
21	347	347	340	50	28100	28.0	280	140	344.3	223.3	528.3	491.3	
22	346	341	337	70	28000	28.0	284	150	349.3	221.3	521.3	491.3	
23	344	344	335	70	28100	28.0	280	130	343.3	223.3	520.3	481.3	
24	340	344	336	90	28000	28.0	280	140	343.3	213.3	520.3	491.3	
25	348	344	331	90	28000	28.0	287	130	347.0	223.3	521.3	474.0	
26	345	344	337	90	28000	28.0	280	130	349.3	224.3	526.3	497.7	
27	344	341	340	70	28000	28.0	280	145	341.9	223.3	517.3	497.4	
28	346	341	320	90	28000	28.0	280	140	341.3	223.3	519.3	442.7	
29	344	341	330	70	28000	28.0	280	150	349.3	221.3	525.3	481.3	
30	344	341	335	50	28000	28.0	280	140	349.3	221.3	525.3	481.3	
TOTAL	343	344	344	80	28000	28.0	280	150	349.7	225.0	532.0	474.0	

LINE	ITEM	QTY	UNIT	PRICE	AMOUNT	TAX	TOTAL	DISC	NET	DISC	TOTAL	DISC	TOTAL
1	1000	100		1000	100000		100000		100000		100000		100000
2	200	200		500	100000	3.0	103000		103000		103000		103000
3	300	300		333	99900	25.2	125100		125100		125100		125100
4	400	400		275	110000	24.3	136700		136700		136700		136700
5	500	500		220	110000	21.6	133600		133600		133600		133600
6	600	600		183	109800	21.6	132900		132900		132900		132900
7	700	700		157	109900	24.6	136500		136500		136500		136500
8	800	800		137	109600	21.6	132400		132400		132400		132400
9	900	900		122	109800	21.6	132400		132400		132400		132400
10	1000	1000		110	109800	21.6	132400		132400		132400		132400
11	1100	1100		99	109800	19.6	129400		129400		129400		129400
12	1200	1200		91	109800	18.5	128400		128400		128400		128400
13	1300	1300		84	109800	16.0	126000		126000		126000		126000
14	1400	1400		78	109800	14.6	125000		125000		125000		125000
15	1500	1500		73	109800	13.4	124000		124000		124000		124000
16	1600	1600		68	109800	12.4	123000		123000		123000		123000
17	1700	1700		64	109800	11.5	122000		122000		122000		122000
18	1800	1800		60	109800	10.7	121000		121000		121000		121000
19	1900	1900		57	109800	10.0	120000		120000		120000		120000
20	2000	2000		54	109800	9.5	119000		119000		119000		119000
21	2100	2100		51	109800	9.0	118000		118000		118000		118000
22	2200	2200		48	109800	8.6	117000		117000		117000		117000
23	2300	2300		45	109800	8.2	116000		116000		116000		116000
24	2400	2400		42	109800	7.9	115000		115000		115000		115000
25	2500	2500		40	109800	7.6	114000		114000		114000		114000
26	2600	2600		37	109800	7.3	113000		113000		113000		113000
27	2700	2700		35	109800	7.0	112000		112000		112000		112000
28	2800	2800		33	109800	6.7	111000		111000		111000		111000
29	2900	2900		31	109800	6.5	110000		110000		110000		110000
30	3000	3000		29	109800	6.3	109000		109000		109000		109000
TOTAL					1098000		1098000		1098000		1098000		1098000

WIND SPEED (MPH)	WIND DIRECTION	TEMPERATURE (°F)	HUMIDITY (%)	WIND CHILL (°F)	WIND GUST (MPH)	SEA STATE (ft)	WAVE PERIOD (sec)	SWELL DIRECTION	SWELL PERIOD (sec)	SWELL HEIGHT (ft)	SWELL PERIOD (sec)	SWELL DIRECTION	SWELL PERIOD (sec)	SWELL HEIGHT (ft)	POWER FOR APPROXIMATE
1	115	71	77	36	20700	27.0	207	110	207.0	249.0	665.1			900.4	
2	115	73	79	36	20700	27.0	207	110	207.0	249.0	665.1			900.4	
3	115	75	81	37	20700	27.0	207	110	207.0	249.0	665.1			900.4	
4	115	77	83	37	20700	27.0	207	110	207.0	249.0	665.1			900.4	
5	115	79	85	37	20700	27.0	207	110	207.0	249.0	665.1			900.4	
6	115	81	87	37	20700	27.0	207	110	207.0	249.0	665.1			900.4	
7	115	83	89	37	20700	27.0	207	110	207.0	249.0	665.1			900.4	
8	115	85	91	38	20700	27.0	207	110	207.0	249.0	665.1			900.4	
9	115	87	93	38	20700	27.0	207	110	207.0	249.0	665.1			900.4	
10	115	89	95	38	20700	27.0	207	110	207.0	249.0	665.1			900.4	
11	115	91	97	39	20700	27.0	207	110	207.0	249.0	665.1			900.4	
12	115	93	99	39	20700	27.0	207	110	207.0	249.0	665.1			900.4	
13	115	95	101	40	20700	27.0	207	110	207.0	249.0	665.1			900.4	
14	115	97	103	40	20700	27.0	207	110	207.0	249.0	665.1			900.4	
15	115	99	105	40	20700	27.0	207	110	207.0	249.0	665.1			900.4	
16	115	101	107	41	20700	27.0	207	110	207.0	249.0	665.1			900.4	
17	115	103	109	41	20700	27.0	207	110	207.0	249.0	665.1			900.4	
18	115	105	111	41	20700	27.0	207	110	207.0	249.0	665.1			900.4	
19	115	107	113	42	20700	27.0	207	110	207.0	249.0	665.1			900.4	
20	115	109	115	42	20700	27.0	207	110	207.0	249.0	665.1			900.4	
21	115	111	117	42	20700	27.0	207	110	207.0	249.0	665.1			900.4	
22	115	113	119	43	20700	27.0	207	110	207.0	249.0	665.1			900.4	
23	115	115	121	43	20700	27.0	207	110	207.0	249.0	665.1			900.4	
24	115	117	123	43	20700	27.0	207	110	207.0	249.0	665.1			900.4	
25	115	119	125	44	20700	27.0	207	110	207.0	249.0	665.1			900.4	
26	115	121	127	44	20700	27.0	207	110	207.0	249.0	665.1			900.4	
27	115	123	129	44	20700	27.0	207	110	207.0	249.0	665.1			900.4	
28	115	125	131	45	20700	27.0	207	110	207.0	249.0	665.1			900.4	
29	115	127	133	45	20700	27.0	207	110	207.0	249.0	665.1			900.4	
30	115	129	135	45	20700	27.0	207	110	207.0	249.0	665.1			900.4	
31	115	131	137	46	20700	27.0	207	110	207.0	249.0	665.1			900.4	
32	115	133	139	46	20700	27.0	207	110	207.0	249.0	665.1			900.4	
33	115	135	141	46	20700	27.0	207	110	207.0	249.0	665.1			900.4	
34	115	137	143	47	20700	27.0	207	110	207.0	249.0	665.1			900.4	
35	115	139	145	47	20700	27.0	207	110	207.0	249.0	665.1			900.4	
36	115	141	147	47	20700	27.0	207	110	207.0	249.0	665.1			900.4	
37	115	143	149	48	20700	27.0	207	110	207.0	249.0	665.1			900.4	
38	115	145	151	48	20700	27.0	207	110	207.0	249.0	665.1			900.4	
39	115	147	153	48	20700	27.0	207	110	207.0	249.0	665.1			900.4	
40	115	149	155	49	20700	27.0	207	110	207.0	249.0	665.1			900.4	
41	115	151	157	49	20700	27.0	207	110	207.0	249.0	665.1			900.4	
42	115	153	159	49	20700	27.0	207	110	207.0	249.0	665.1			900.4	
43	115	155	161	50	20700	27.0	207	110	207.0	249.0	665.1			900.4	
44	115	157	163	50	20700	27.0	207	110	207.0	249.0	665.1			900.4	
45	115	159	165	50	20700	27.0	207	110	207.0	249.0	665.1			900.4	
46	115	161	167	51	20700	27.0	207	110	207.0	249.0	665.1			900.4	
47	115	163	169	51	20700	27.0	207	110	207.0	249.0	665.1			900.4	
48	115	165	171	51	20700	27.0	207	110	207.0	249.0	665.1			900.4	
49	115	167	173	52	20700	27.0	207	110	207.0	249.0	665.1			900.4	
50	115	169	175	52	20700	27.0	207	110	207.0	249.0	665.1			900.4	
51	115	171	177	52	20700	27.0	207	110	207.0	249.0	665.1			900.4	
52	115	173	179	53	20700	27.0	207	110	207.0	249.0	665.1			900.4	
53	115	175	181	53	20700	27.0	207	110	207.0	249.0	665.1			900.4	
54	115	177	183	53	20700	27.0	207	110	207.0	249.0	665.1			900.4	
55	115	179	185	54	20700	27.0	207	110	207.0	249.0	665.1			900.4	
56	115	181	187	54	20700	27.0	207	110	207.0	249.0	665.1			900.4	
57	115	183	189	54	20700	27.0	207	110	207.0	249.0	665.1			900.4	
58	115	185	191	55	20700	27.0	207	110	207.0	249.0	665.1			900.4	
59	115	187	193	55	20700	27.0	207	110	207.0	249.0	665.1			900.4	
60	115	189	195	55	20700	27.0	207	110	207.0	249.0	665.1			900.4	
61	115	191	197	56	20700	27.0	207	110	207.0	249.0	665.1			900.4	
62	115	193	199	56	20700	27.0	207	110	207.0	249.0	665.1			900.4	
63	115	195	201	56	20700	27.0	207	110	207.0	249.0	665.1			900.4	
64	115	197	203	57	20700	27.0	207	110	207.0	249.0	665.1			900.4	
65	115	199	205	57	20700	27.0	207	110	207.0	249.0	665.1			900.4	
66	115	201	207	57	20700	27.0	207	110	207.0	249.0	665.1			900.4	
67	115	203	209	58	20700	27.0	207	110	207.0	249.0	665.1			900.4	
68	115	205	211	58	20700	27.0	207	110	207.0	249.0	665.1			900.4	
69	115	207	213	58	20700	27.0	207	110	207.0	249.0	665.1			900.4	
70	115	209	215	59	20700	27.0	207	110	207.0	249.0	665.1			900.4	
71	115	211	217	59	20700	27.0	207	110	207.0	249.0	665.1			900.4	
72	115	213	219	59	20700	27.0	207	110	207.0	249.0	665.1			900.4	
73	115	215	221	60	20700	27.0	207	110	207.0	249.0	665.1			900.4	
74	115	217	223	60	20700	27.0	207	110	207.0	249.0	665.1			900.4	
75	115	219	225	60	20700	27.0	207	110	207.0	249.0	665.1			900.4	
76	115	221	227	61	20700	27.0	207	110	207.0	249.0	665.1			900.4	
77	115	223	229	61	20700	27.0	207	110	207.0	249.0	665.1			900.4	
78	115	225	231	61	20700	27.0	207	110	207.0	249.0	665.1			900.4	
79	115	227	233	62	20700	27.0	207	110	207.0	249.0	665.1			900.4	
80	115	229	235	62	20700	27.0	207	110	207.0	249.0	665.1			900.4	
81	115	231	237	62	20700	27.0	207	110	207.0	249.0	665.1			900.4	
82	115	233	239	63	20700	27.0	207	110	207.0	249.0	665.1			900.4	
83	115	235	241	63	20700	27.0	207	110	207.0	249.0	665.1			900.4	
84	115	237	243	63	20700	27.0	207	110	207.0	249.0	665.1			900.4	
85	115	239	245	64	20700	27.0	207	110	207.0	249.0	665.1			900.4	
86	115	241	247	64	20700	27.0	207	110	207.0	249.0	665.1			900.4	
87	115	243	249	64	20700	27.0	207	110	207.0	249.0	665.1			900.4	
88	115	245	251	65	20700	27.0	207	110	207.0	249.0	665.1			900.4	
89	115	247	253	65	20700	27.0	207	110	207.0	249.0	665.1			900.4	
90	115	249	255	65	20700	27.0	207	110	207.0	249.0	665.1			900.4	
91	115	251	257	66	20700	27.0	207	110	207.0	249.0	665.1			900.4	
92	115	253	259	66	20700	27.0	207	110	207.0	249.0	665.1			900.4	
93	115	255	261	66	20700	27.0	207	110	207.0	249.0	665.1			900.4	
94	115	257	263	67	20700	27.0	207	110	207.0	249.0	665.1			900.4	
95	115	259	265	67	20700	27.0	207	110	207.0	249.0	665.1			900.4	
96	115	261	267	67	20700	27.0	207	110	207.0	249.0	665.1			900.4	
97	115	263	269	68	20700	27.0	207	110	207.0	249					

WELL ID	WELLNAME	TRIP	HT (M)	ANNULUS	FLW	LOG/PS	TRIP	DTL	SPR	HTCH	FLW	POWER CONSUMPTION
POS	PSID	PSID	PSID	PSID	LOG/PS			PSID	FEET	PSID	OPK	KWH/1,000,000LBS
1	297	310	265	3	151000	24.0	120	100	706.3	279.9	346.5	647.1
2	297	320	265	3	151000	24.0	120	103	706.3	279.9	346.5	647.1
3	297	349	275	10	151000	24.0	120	115	701.3	280.0	339.8	659.9
4	298	349	265	12	150000	24.0	121	109	696.2	280.0	337.5	649.9
5	282	346	265	3	151000	24.0	120	110	706.3	279.9	339.8	659.9
6	282	349	265	3	151000	24.0	120	110	706.3	279.9	339.8	659.9
7	286	349	265	3	151000	24.0	120	111	706.3	279.9	339.8	659.9
8	289	347	265	6	150000	24.0	120	112	711.4	279.9	342.0	655.6
9	277	349	262	10	151000	24.0	120	110	693.6	277.0	339.8	659.9
10	275	347	260	13	152000	24.0	110	110	678.3	275.1	342.0	640.9
11	277	349	260	16	152000	20.5	120	110	678.3	275.1	342.0	655.6
12	266	349	265	4	152000	17.5	120	98	716.6	275.9	342.0	655.6
13	278	348	265	3	152000	21.0	121	103	719.1	279.9	342.0	661.0
14	276	349	235	2	153000	18.0	121	98	721.7	279.8	344.3	636.7
15	282	348	270	1	152000	23.5	121	95	736.9	284.7	342.0	661.0
16	284	346	233	3	152000	24.0	122	103	719.1	279.9	342.0	666.3
17	279	349	265	3	152000	24.0	120	120	718.0	279.9	342.0	658.6
18	279	349	265	4	152000	24.0	121	123	716.6	277.9	342.0	661.0
19	277	349	272	5	102000	20.3	121	129	706.3	276.9	342.0	661.0
20	276	349	262	4	151000	24.0	121	130	708.9	276.9	339.8	645.4
21	277	349	269	5	152000	24.0	120	130	701.3	275.0	342.0	655.6
22	277	347	259	2	151000	24.0	121	133	708.9	274.9	339.8	645.4
23	277	347	280	1	151000	24.0	121	133	711.4	271.9	339.8	665.4
24	276	349	269	1	151000	24.0	120	130	711.4	274.9	339.8	659.9
25	277	349	280	1	151000	24.0	121	112	711.4	274.9	339.8	665.4
26	277	349	225	2	150000	24.0	121	140	702.0	274.9	337.5	649.9
27	277	349	280	6	150000	24.0	121	130	693.7	275.0	337.5	649.9
28	275	349	200	5	100000	24.0	121	130	701.3	275.0	337.5	649.9
29	277	347	277	4	145000	24.0	121	141	691.1	272.1	335.3	671.4
30	275	347	271	2	142000	24.0	121	146	675.7	261.1	330.8	693.0
31	275	347	270	1	142000	23.0	121	145	675.9	268.1	326.3	693.0
AVERAGE	278	349	265	3	151000		120	119	705	277	340	644
100%					1000000	706.5						