GI. 04164_22 GL 04164_22

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 clearences in the line shaft.

Froduction 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 81-7 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. Piece

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.

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Company	or	Organization

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11	1	2/1/	349	200	16.1	152040	1 70.5	170	110	(70,3	273.1 1	342,0	
47	;	505-1	349) 285 B	3 1 7 7	157000	1 17,5	120	99	715.6	273.9 1	342.0	
13	!	270 3	749	785	7	152000	1 21.0	121	107	719.1	279.9 1	342.0	
14	!	276 1	737	235	2.1	153006	18.0	121	98	771.7	277.8 1	344.3	
(1.5)	!	700)	348	790	1 !	157600	25.5	171	95	736.9	1 284.7 1	347.0	
15	:	200-1	589	235	3 1	152000	1 24.0	127	103	719.1	279,9 1	Z42.0	1 865.3
17	!	2/9 ,	350	285	5.1	152005	1 24.0	170 :	120	7(4.0	279.9	342,0	\$ 645, £
<u>1</u> E	1	2794	269			152000		121	173	716.5	777.9 ;	342.0	1 8(1,0
2 P	;	277 }				192000	1 20.0	171	129	706.3	276.9	342.0	\$ 551.0
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žΧ	!	277				151000		121	133	711.4	271.7 (339.8	1 665.4
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76	:	XIII (150000						337.5	649,9
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Ē8	}	225				150400						337.5	\$ 669.9
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AMERICA.		11 () 12 ()	148	735 735	, , , , , , , , , , , , , , , , , , ,	\$84000	*	120	119	765	277	340	511
1919.		5.7.12		7-67-2	ş.	1007/1204	776.5		• •				