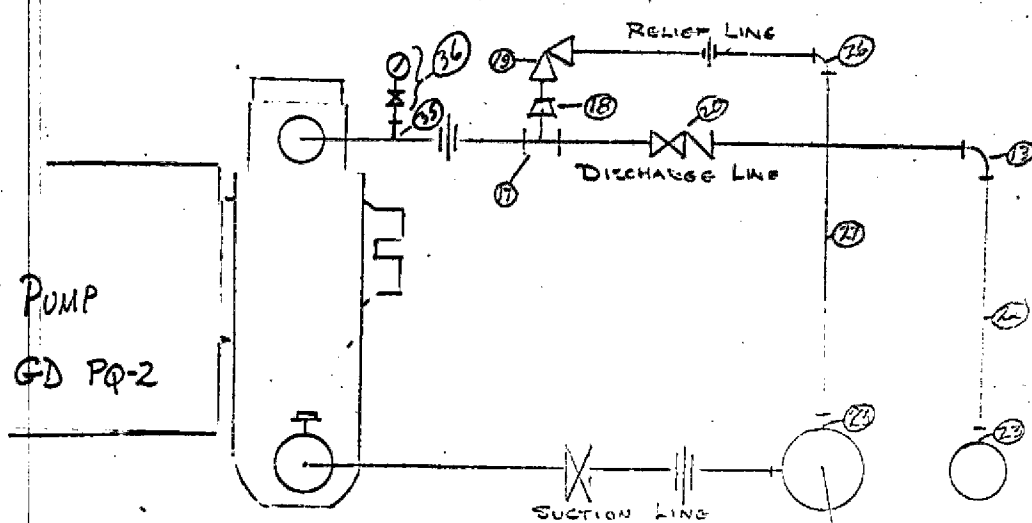
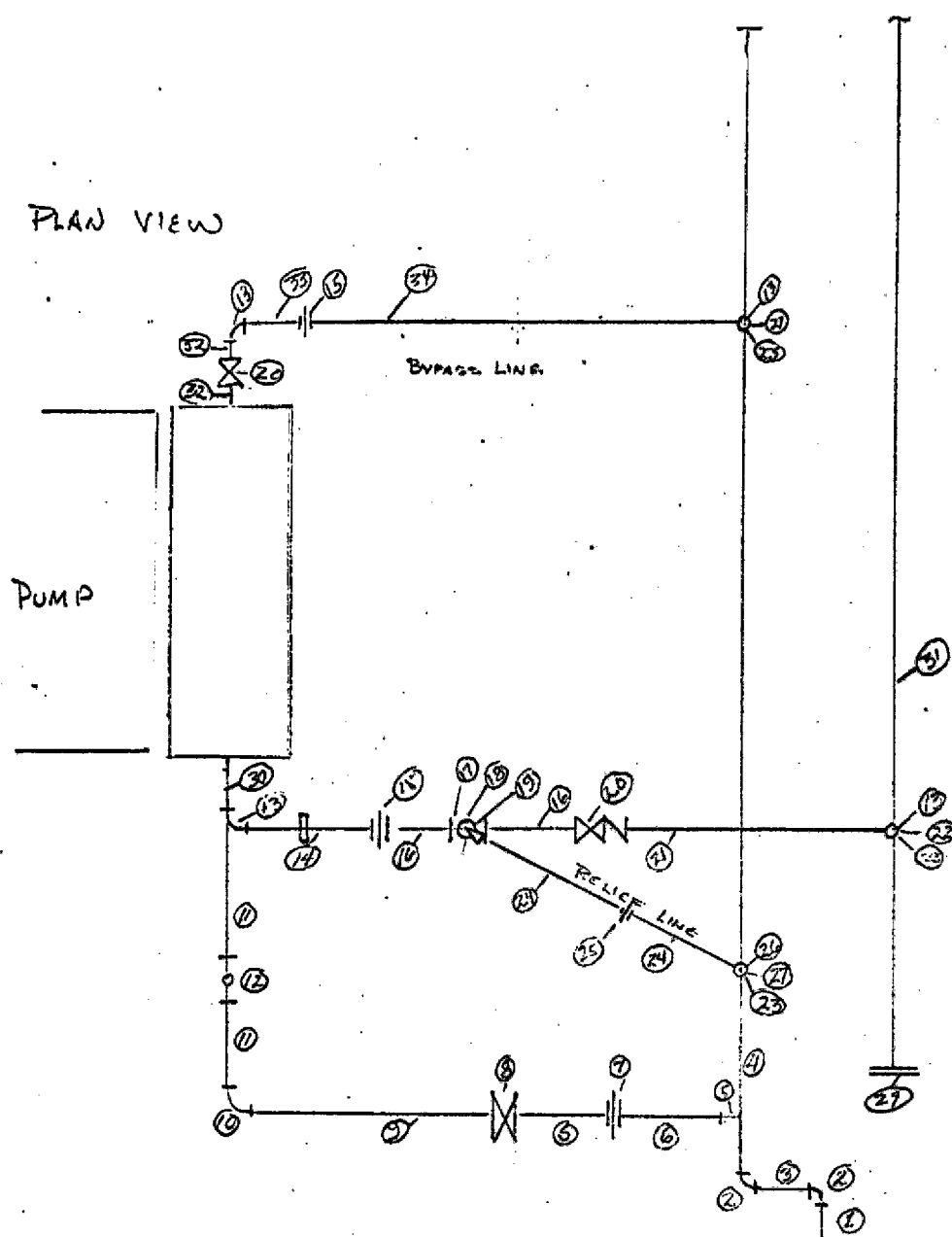


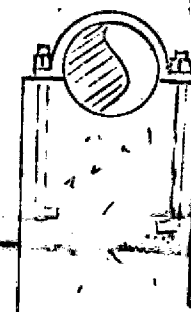
MANY ROCKS FIELD WATERFLOOD UNIT PUMP PIPING

PLAN VIEW



SIDE VIEW

No.	ITEM	No. Required
1	4" LINE COMING INTO PUMP HOUSE FROM TANK	1
2	4" STD. ELL	2
3	4" PIPE NECESSARY TO COME OUT OF GROUND INTO HEADER	1
4	4" STD PIPE Suction HEADER	1
5	2 1/2" STD COLLAR	1
6	2 1/2" X 6" STD NIPPLE	2
7	2 1/2" STD UNION	1
8	2 1/2" HALL 1SD OR SIMILAR BUTTERFLY VALVE W/ LIGHT FLANGES	1
9	2 1/2" X 12" STD NIPPLE	1
10	2 1/2" STD ELL	1
11	2 1/2" X 18" STD NIPPLE	2
12	2 1/2" STD TEE WITH 2 1/2" FLAT PAUC	1
13	2" FORGED STEEL ELL	4
14	2" X 12" STD SEAMLESS NIPPLE	1
15	2" UNION, 1000 PSI WP	2
16	2" X 6" STD SEAMLESS NIPPLE	2
17	2" FORGED STEEL TEE	1
18	2" X 1" SWEDGE NIPPLE, 1000 PSI	1
19	1" RELIEF VALVE, ANGLE BODY, 1000 PSI	1
20	2" FIG. 1443 FRANK WHEATLY PLUGGABLE VALVE	1
21	2" X 18" STD SEAMLESS NIPPLE	1
22	2" X — STD SEAMLESS NIPPLE TO TIE INTO DISCH. HEADER	1
23	2" FORGED STEEL COLLAR, 1000 PSI WP	2
24	1" STD SEAMLESS NIPPLE TO FIT ON RELIEF LINE	2
25	1" UNION, 1000 PSI WP	1
26	1" FORGED STEEL ELL	1
27	1" X — STD SEAMLESS NIPPLE TO FIT	1
28		
29	3" ASA 400 A13 SCREWED FLANGE WITH BLIND FLANGE, NUTS, BOLTS	1 SET
30	2" STD SEAMLESS NIPPLE X 6"	1
31	3" SEAMLESS PIPE DISCHARGE HEADER, FOR 1000 PSI	1
32	2" X 4" STD SEAMLESS NIPPLE	2
33	2" X 10" " " "	1
34	2" X 24" " " "	1
35	1/2" COLLAR EH	
36	PRESS. GAGE ASSY. 1/2" X 1/4" BUSHING, 1/4" X 3" NIPPLE, 1/4" NEEDLE VALVE, AND 0-1000 PSI GAGE	
37		



SUGGESTED TYPE
PIPE SUPPORT

04/11/64