

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1DATE: 11-10-67

HOURLY ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
1ST EFFECT SHELL PRESSURE, "HG	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
2ND EFFECT SHELL PRESSURE, "HG	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
3RD EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166
BRINE PUMP DISCHARGE PRESSURE, #G	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
BRINE OVERBOARD DENSITY, 32NDS	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
AIR EJECTOR DRAINS, SALINITY--E.P.M.																								
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT				REMARKS	
	NO. 1	NO. 2	NO. 3			
HOURS BROUGHT FOWARD	25					
GALLONS BROUGHT FOWARD	4-19	2 EVAP	57,100	9425		
					SIGNED	SIGNED
					SIGNED	SIGNED

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1DATE: 11-16-67

Set clocks back 20 min 2300-0100-0500

OUR ENDING	METER READING	SHIPS TANKS	REED TANKS			
0000	13522600				0000-0400	1200-1600
0100	13523000	2500	2500	#1 EVAP DIST TO #1		#1 EVAP DIST TO #1
0200	13554400	2500	2400	STBD FEED		PORT PORT
0300	13557500	2500	3100			
0400	13560000		2500			
0500	13562200		2200			
0600	13565300	1 HR - 20 MI	3100			
0700	13567700		2400			
0800	13569900		2200			
0900	13572200		2300		0000-0800	1600-2000
1000	13574600	2400		#1 Evap - Dist. to #1 still		#1 Evap Dist to #3
1100	13577000	2400				part
1200	135239000	1300				Added 60% chlorine
1300	13525200	1300				per 1000 Gals Dist.
1400	13526500	1300				
1500	13527800	1300				
1600	13530100	2300				
1700	13532400	2300				
1800	13534800	2400			0800-1200	2000-2400
1900	13537100	2300			#1 - 1200 Dist	#1 - 1200 Dist
2000	13539300	2200			to #1 - 1500 Feed	to #1 - 3 Port @
2100	13541500	21600	2200		@ 1530 Shifted Dist	2000 Shifted Dist to
2200	13543700		2100		2000 to #2 Port	#1 still Feed
2300	13547000		3100	1 HR		
2400	13549300		2500			

32400

R. Shippard

R. Shippard

#1 - 1200 Dist
to #1 - 1500 Feed
@ 1530 Shifted Dist
2000 to #2 Port

2000-2400 #1 - 1200 Dist
to #1 - 3 Port @
2000 Shifted Dist to
#1 still Feed

R. Shippard

R. Shippard

USNS GEN JOHN POPE (T-AP110)

2
LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 2

DATE: 11-18-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205
1ST EFFECT SHELL PRESSURE, "HG	10	10	10	10	10	10	10	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8
2ND EFFECT SHELL PRESSURE, "HG	22	22	22	22	22	22	22	2	2	2	2	22	22	22	22	22	22	22	22	22	22	22	22	22
3RD EFFECT SHELL PRESSURE, "HG	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
CONDENSATE FROM COOLER, TEMPERATURE, °F	98	98	98	98	98	98	98	98	98	98	98	96	96	96	96	98	98	98	98	98	98	98	98	98
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	92	92	92	92	92	92	92	92	92	92	92	92	92
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	136	136	138	140	140	140	140	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144
FEED TO 1ST EFFECT, TEMPERATURE, °F	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154
BRINE PUMP DISCHARGE PRESSURE, #G	22	22	25	25	25	25	25	25	25	25	25	20	20	20	20	20	20	20	20	20	20	20	20	20
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
BRINE OVERBOARD DENSITY, 32NDS	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
AIR EJECTOR DRAINS, SALINITY—E.P.M.	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1ST EFFECT DRAINS, SALINITY—E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FOWARD			
GALLONS BROUGHT FOWARD			

REMARKS

0000-0400	1200-1600
0400-0800	1600-2000
0800-1200	2000-2400

SIGNED

SIGNED

SIGNED

SIGNED

OUR ENDING	METER READING	SHIPS TANKS	REED TANKS		
0000-0400				0000-0400	1200-1600
0100				#2 EVAP DIST TO #3	#2 EVAP DIST TO #3
				CENTER POT	POT
				ADDED 6 OZ CHLORINE	ADDED 6 OZ CHLORINE
				PER 1000 GALS DIST	PER 1000 GALS DIST
				McRay Hill	McRay Hill
				0400-0800	1600-2000
				#2 Evap. Dist. TO	#2 Evap. Dist. TO
				#3 &	#3 &
				Added 6 oz chlorine	Added 6 oz chlorine
				per 1000 Gals Dist.	per 1000 Gals Dist.
					Filled #2 Evap Tank
					1 LB Hg Evap.
				R. Shippard	R. Shippard
				0800-1200	2000-2400
				#2 Evap. Dist.	#2 EVAP DIST.
				TO #3 &	#3 (FILTER)
				Added 6 oz chlorine	Added 8 oz chlorine
				per 1000 Gals Dist.	per 1000 Gals Dist.
				J. J. McFall	J. J. McFall

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO:

1

DATE: 11-18-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
1ST EFFECT SHELL PRESSURE, "HG	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
2ND EFFECT SHELL PRESSURE, "HG	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
3RD EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
CONDENSATE FROM COOLER, TEMPERATURE, °F	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166
BRINE PUMP DISCHARGE PRESSURE, #G	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.																								
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT			REMARKS
	NO. 1	NO. 2	NO. 3	
HOURS BROUGHT FOWARD				
GALLONS BROUGHT FOWARD				
				SIGNED
				SIGNED
				SIGNED
				SIGNED

H-3 5784

7

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1

DATE: 11-18-67

OUR ENDING	METER READING	SHIPS TANKS	REED TANKS	0000-0400	1200-1600
0000	13577000	6		#1 EVAP DIST TO	#1 EVAP DIST TO #3 BRT
0100	13610200	2200			POT
0200	13612300	2200		#3 CENTER POT	
0300	13614500	2200		ADDED 6 OZ CHLORINE	ADDED 6 OZ CHLORINE
0400	13616700	2200		PER 1000 GALS DIST	PER 1000 GALS DIST
0500	13619000	2200			
0600	13621200	2200			
0700	13623400	2200		McRay Hill	McRay Hill
0800	13625500	2100			
0900	13627600	2100		0400-0800	1600-2000
1000	13629900	2300		#1 Evap. Dist. To	#1 Evap. Dist. To #3
1100	13632200	2300		#3 &	POT
1200	13579600	2600		Added 6 oz chlorine	Added 6 oz chlorine
1300	13582200	2600		per 1000 gals dist.	per 1000 gals dist.
1400	13584800	2600			At Filled HOGUAP Tank
1500	13587400	2600			1 LB HOGUAP.
1600	13590100	2500		R. Shupard	R. Shupard
1700	13592600	2500			
1800	13594800	2200		0800-1200	2000-2400
1900	13596900	2100		#1 Evap. Dist	#1 Evap. Dist
2000	13599100	2200		To #3 &	To #3 CENTER
2100	13601300	2200		Added 6 oz chlorine	Added 6 oz chlorine
2200	13603400	2100		per 1000 gals.	per 1000
2300	13605600	2200		B. J. Magallon	B. J. Magallon
2400	13608000	2400			

54900

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 2 DATE: 11-21-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	9	10	9	9	9	9	9	9	9	9	9					10	10	12	12	10	10	10	10	9
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	2	2	2	2					2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	2	2	2	2	2	2	2	2	2	2	2					2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230					240	240	240	240	240	240	240	240	240
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	205	205	240	210	210	210	210	210	210	210	210					210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	6	6	6	7"	7"	7"	7"	6	6	6	6					7"	7"	7"	7"	7"	7"	7"	7"	7"
2ND EFFECT SHELL PRESSURE, "HG	22	22	22	22	22	22	22	22	22	22	22					22	22	22	22	22	22	22	22	22
3RD EFFECT SHELL PRESSURE, "HG	25	25	25	25	25	25	25	25	25	25	25					25	25	25	25	25	25	25	25	25
CONDENSATE FROM COOLER, TEMPERATURE, °F	98	98	98	96	96	96	96	96	96	96	96					96	96	96	96	96	96	96	96	96
STEAM TO AIR EJECTOR, PRESSURE, #G	88	88	88	90	90	90	90	90	90	90	90					88	88	88	88	88	88	88	88	88
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	142	142	142	142	142	142	142	142	142	142	142					142	142	142	142	142	142	142	142	142
FEED TO 1ST EFFECT, TEMPERATURE, °F	158	158	158	158	158	158	158	158	158	158	158					158	158	158	158	158	158	158	158	158
BRINE PUMP DISCHARGE PRESSURE, #G	22	22	22	22	22	22	22	22	22	22	22					22	22	22	22	22	22	22	22	22
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	50	50	50	50	50	50	50	50	50	50	50					50	50	50	50	50	50	50	50	50
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5					1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.	02	02	02	02	02	02	02	02	02	02	02					02	02	02	02	02	02	02	02	02
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0					0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FORWARD			
GALLONS BROUGHT FORWARD			

REMARKS

0000-0400	1200-1600
0400-0800	1600-2000
0800-1200	2000-2400

SIGNED

SIGNED

SIGNED

SIGNED

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 2 DATE: 11-27-67

OUR ENDING	METER READING	SHIPS TANKS	REED TANKS		
0000				0000-0400	1200-1600
0100				#2-EVAP DIST TO	#2-EVAP DIST TO BILGE
0200				BILGE	
0300				LEAKING SALT WATER	SALTY WATER LEAKING IN
0400	09082000			FROM #1 EVAP	FROM #1 EVAP
0500	09082000				CLENE SIDE GLASS IN
0600	09082000				#1 + 2 EVAP
0700	09082000			Mc Ray Hill	Mc Ray Hill
0800	OUT OF ORDER			0400-0800	1600-2000
				Shifted #2 Evap	#2 Evap dist to #3 &
				Discharge - Through #2	@ 1700 dist to #1 std.
				Meter. Shifted Tube	
				at Drain From Bilge	
				To #1 Std Test	
				7 Drops. @ 0000 #2 dist	
				To #1 std.	
				@ Shifted dist to #3 &	
				R. Shippard	R. Shippard
				0800-1200 #2 EVAP DIST	2000-2400 #2 EVAP DIST
				To #2 STD Feed	To #2 STD Feed
				E. A. Magallon	E. A. Magallon

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1

DATE: 11-21-67

HOOR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	240
STEAM TO REG. VALVE, PRESSURE #G							9	9	9	9	7													
STEAM FROM REG. VALVE, PRESSURE #G							8	9	3	3	3													
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G							8	3	3	3	3													
STEAM TO 1ST EFFECT, TEMPERATURE, °F							230	230	23	23	23													
1ST EFFECT COIL DRAIN, TEMPERATURE, °F							210	210	21	21	21													
1ST EFFECT SHELL PRESSURE, "HG							12	12	12	12	1													
2ND EFFECT SHELL PRESSURE, "HG							18	16	16	16	16													
3RD EFFECT SHELL PRESSURE, "HG							27	23	23	23	23													
CONDENSATE FROM COOLER, TEMPERATURE, °F							98	98	98	98	98													
STEAM TO AIR EJECTOR, PRESSURE, #G							90	90	90	90	90													
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F							170	168	168	168	168													
BRINE PUMP DISCHARGE PRESSURE, #G							22	25	25	25	25													
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G							62	62	62	62	62													
BRINE OVERBOARD DENSITY, 32NDS							15	15	15	15	15													
AIR EJECTOR DRAINS, SALINITY--E.P.M.							50	44																
1ST EFFECT DRAINS, SALINITY--E.P.M.							0	0	0	0	0													

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FOWARD			
GALLONS BROUGHT FOWARD			

REMARKS

0000-0400	1200-1600
SIGNED	SIGNED
0400-0800	1600-2000
SIGNED	SIGNED
0800-1200	2000-2400

USAS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1DATE: 11-21-67

OUR ENDING	METER READING	SHIPS TANKS	REED TANKS		
0000				0000-0400	1200-1600
0100					
0200					
0300					
0400					
0500					
0600					
0700	13745300				
0800	13746300	1000			
0900	13747400	1100			
1000	13748500		1100		
1100	13749700		1200		
1200					
1300					
1400					
1500					
1600	13737300				
1700	13738900	1400			
1800	13740000		1100		
1900	13741100		1000		
2000	13742100	1000	1000		
2100	13743100		1000		
2200	13744100		1000		
2300	13745100		1000		
2400			8100		

0400-0800

0000 Lit - ft #1 Evap

Dist. TO Bldg.

00730 shifted Dist TO

#3

00730 #1 Strb. Test 5 drops

0800-1200

#1 EVAP. Dist

TO #3 PORT...

00800 shifted Dist

TO #2 Strb. Feed

1600-2000

Secured

2000-2400

#1 EVAP. Dist

TO #1 Strb. Feed

3700

R. Shugart

B. J. Gallant

B. J. Gallant

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO:

2

DATE: 11-22-67

HOURLY ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	8	7	8	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	208	210	210	210	210	210	210	210	210	210	210	208	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	7	7	7	7	7	7	7	7
2ND EFFECT SHELL PRESSURE, "HG	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
3RD EFFECT SHELL PRESSURE, "HG	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96	96	96	96	100	100	100	100	98	98	98	98	98	98	98	98
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	142	142	142	142	144	144	144	144	144	144	144	144	144	144	144	144	142	142	142	142	142	142	142	142
FEED TO 1ST EFFECT, TEMPERATURE, °F	160	160	160	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162
BRINE PUMP DISCHARGE PRESSURE, #G	30	30	28	22	21	24	24	28	28	28	28	28	28	28	30	30	30	28	28	28	28	28	28	28
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	50	50	50	50	50	50	50	48	48	48	48	48	48	48	40	50	50	50	50	50	50	48	48	48
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FORWARD			
GALLONS BROUGHT FORWARD			

	REMARKS	
	0000-0400	1200-1600
	SIGNED	SIGNED
	0400-0800	1600-2000
	SIGNED	SIGNED
	0800-1200	2000-2400

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 2

DATE: 11-22-67

Hour Ending	Meter Reading	Ships Tanks	Reed Tanks
			0000-0400 #2 - EVAP DIST TO #1 PORT FEED #2 EVAP RUNNING NO METER 0200 TO 0300 McRay Hill
			0400-0800 #2 Evap. Dist. To #3 port. @ 0400 #1 port - Test 3D R. Shepard
			0800-1200 #2 EVAP DIST TO #1 PORT @ 9:30 DIST TO Bilge @ 11:00 DIST TO #3 & B. A. McCallum
			1200-1600 #2 EVAP DIST TO #2 PF SWITCH TO #3 PORT 1300 ADDED 6% CHLORINE PER 1000 GALS DIST McRay Hill
			1600-2000 1600 shifted dist. to #2 Starboard Feed @ 1600 #2 Starboard Test 3 Amperes
			2000-2400 #2 EVAP DIST TO #2 Starboard Feed @ 23:00 Shifted to #1 Port Feed

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 7DATE: 11-22-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	3
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210	210	210	210	210	205	205	205	205	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
2ND EFFECT SHELL PRESSURE, "HG	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
3RD EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	86	96	96	96	96	96	96	96	96	96	99	99	99	100	100	96	96	96	96	96	96	96	96
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	168	168	168	170	170	170	170	170	170	170	170	166	166	168	168	170	170	170	170	170	170	170	170	170
BRINE PUMP DISCHARGE PRESSURE, #G	24	22	25	20	20	20	20	20	20	20	20	27	27	27	27	23	23	23	23	23	23	23	23	23
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	63	63	63	64	64	64	64	64	64	64	64	62	64	64	64	64	63	63	63	63	63	63	63	62
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.																								
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FOWARD			
GALLONS BROUGHT FOWARD			

REMARKS	
0000-0400	1200-1600
SIGNED	SIGNED
0400-0800	1600-2000
SIGNED	SIGNED
0800-1200	2000-2400

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1DATE: 11-22-67

OUR ENDING	METER READING	SHIPS TANKS	FEED TANKS			
0000	13749760				0000-0400	1200-1600
0100	13749300	2200			#1 EVAP DIST TO #1	#1 EVAP DIST TO #2
0200	13749000	1700			PORT FEED	STOP
0300	TO BRIDGE					SWITCH TO #3 PORT
0400	13781300		2300			1300
0500	13783500		2200			ADDED 60ZCH LORINE
0600	13786000		2500			PER 1000 GALS DIST
0700	13788400		2400		Mc Roy Hill	Mc Roy Hill
0800	13790700		2300			
0900	13792900		2200		0400-0800	1600-2000
1000	13793700		800		#1 EVAP Dist. TO #1 port	@ 1400 shifted dist. to
1100	13794700	1000			@ 1400 #1 port - Test 3 D	#2 shifted - feed,
1200	13750900	#1 EVAP-DIST	1200		@ 1730 #1 port - Test 3-D	@ 1400 #2 shifted - Test 3 drops
1300	13752100	METER ONLY	1200			@ 1900 #2 shifted - Test 3 drops
1400	13754200	2100				
1500	13756500	2300				
1600	13758700	2200				
1700	13760700	2000	2000			
1800	13762800	2100	2100			
1900	13764800	2000	2000			
2000	13766800	2100	2100			
2100	13768900	2000	2000			
2200	13770900	2000	2000			
2300	13772900	2000	2000			
2400	13775100	2200	2200			
		33,500				

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1

DATE: 11-23-67

HOURLY ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G												9	9	9	9	8	8	8	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G												4	4	4	4	4	4	4	4	4	4	4	4	4
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G												3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F												230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F												204	204	204	204	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG												13	13	13	13	12	12	12	12	12	12	12	12	12
2ND EFFECT SHELL PRESSURE, "HG												16	16	16	16	16	16	16	16	16	16	16	16	16
3RD EFFECT SHELL PRESSURE, "HG												23	23	23	23	23	23	23	23	23	23	23	23	23
CONDENSATE FROM COOLER, TEMPERATURE, °F												98	98	98	98	98	98	98	98	98	98	98	98	98
STEAM TO AIR EJECTOR, PRESSURE, #G												90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F												168	168	168	168	168	168	168	168	168	168	168	168	168
BRINE PUMP DISCHARGE PRESSURE, #G												28	28	28	30	24	24	24	24	26	26	26	26	26
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G												64	64	62	63	63	63	63	63	63	63	63	63	63
BRINE OVERBOARD DENSITY, 32NDS												1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.												-	-	-	-	-	-	-	-	-	-	-	-	-
1ST EFFECT DRAINS, SALINITY--E.P.M.												0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FOWARD			
GALLONS BROUGHT FOWARD			

REMARKS

0000-0400	1200-1600
SIGNED	SIGNED
0400-0800	1600-2000
SIGNED	SIGNED
0800-1200	2000-2400

USNS GEN JOHN POPE (T-AP110)

1

 LOW PRESSURE DISTILLING PLANT OPERATING RECORD
PLANT NO: 1DATE: 11-23-67

HOOR ENDING	METER READING	SHIPS TANKS	REED TANKS			
0000	13794700				0000-0400	1200-1600
0100					#1 EVAP SECURED	#1 EVAP DIST TO #3 & ADDED 6 OZ CHLORINE PER 1000 GALS DIST
0200						
0300				2400		
0400						
0500						
0600						
0700						McRoy Hall
0800						
0900				0400-0800		
1000						
1100						
1200	13796800	2100				Add. 6 oz chlorine per 1000 GALS F.W. DIST.
1300	1379800	2100				
1400	13801000	2100				
1500	13803100	2100				
1600	13805200	2100				
1700	13807300	2100				
1800	13809400	2100				R. Shppard #1 EVAP DIST TO #3 STD Added 6 oz chlorine per 1000 GALS
1900	13811500	2100				
2000	13813500	2000		0800-1200		
2100	13815600	2100				
2200	13817700	2100				
2300	13819900	2200				
2400		25200				
				#1 EVAP Secured @ 2330		

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO:

2

DATE:

11-23-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2ND EFFECT SHELL PRESSURE, "HG	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
3RD EFFECT SHELL PRESSURE, "HG	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
CONDENSATE FROM COOLER, TEMPERATURE, °F	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144
FEED TO 1ST EFFECT, TEMPERATURE, °F	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
BRINE PUMP DISCHARGE PRESSURE, #G	18	18	18	22	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FORWARD			
GALLONS BROUGHT FORWARD			

REMARKS

0000-0400	1200-1600
SIGNED	SIGNED
0400-0800	1600-2000
SIGNED	SIGNED
0800-1200	2000-2400

USNS GEN JOHN POPE (T-AP110)

2
LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 2

DATE: 11-23-47

OUR ENDING	METER READING	SHIPS TANKS	REED TANKS		
				0000-0400	1200-1600
				# 2-EVAP DIST TO # 3	# 2-EVAP DIST TO # 3
				PORT POT-	
				ADDED 6 OZ CHLORINE	ADDED 6 OZ CHLORINE
				PER 1000 GALS DIST	PER 1000 GALS DIST
				METER OUT OF ORDER	
				McRay Hill	McRay Hill
				0400-0800	1600-2000
				# 2 EVAP. DIST TO	# 2 EVAP. DIST. TO # 3
				# 3 port. Meter	
				out of commission,	Added 6 oz chlorine per
				Estimate 7000 Gals	1000 Gals EVAP. DIST.
				per hour.	
				Added 6 oz chlorine	
				per 1 HR.	
				R. Shppard	R. Shppard
				0800-1200	2000-2400
				# 2 EVAP. DIST	# 1 EVAP. DIST
				to # 3 Port	to # 3 STBD
				Added 8 oz chlo	Added 6 oz chlorine
				per 1000	per 1000 gals.
				R. D. McCallum	R. D. McCallum

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 2

DATE: 11-24-67

HOURLY ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9
STEAM FROM REG. VALVE, PRESSURE #G	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	208	208	210	210	210	210	210	210	210	210	210	208	208	208	208	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2ND EFFECT SHELL PRESSURE, "HG	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
3RD EFFECT SHELL PRESSURE, "HG	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
CONDENSATE FROM COOLER, TEMPERATURE, °F	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
FEED TO 1ST EFFECT, TEMPERATURE, °F	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
BRINE PUMP DISCHARGE PRESSURE, #G	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
BRINE OVERBOARD DENSITY, 32NDS	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
AIR EJECTOR DRAINS, SALINITY--E.P.M.	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FORWARD			
GALLONS BROUGHT FORWARD			

REMARKS

0000-0400	1200-1600	
0400-0800	1600-2000	
0800-1200	2000-2400	

SIGNED

SIGNED

SIGNED

SIGNED

DOI: 10.1002/for

$$V_{\text{eff}} = \frac{1}{2} \mu \omega^2 r^2 - \frac{1}{2} \mu \omega^2 r_0^2 + \frac{1}{2} \mu \omega^2 r_0^2 \left(\frac{r}{r_0} \right)^4 + \dots$$

2

DATE: 11-24-67

B. D. V. F. G. H. I. J. K. L. M. N. O. P. Q. R. S. T. U. V. W. X. Y. Z.

E. J. Gallows

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: _____

DATE: _____

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	240
STEAM TO REG. VALVE, PRESSURE #G	9	9	9	8	8	8	8	8	8	8	8													9
STEAM FROM REG. VALVE, PRESSURE #G	3	3	3	3	3	3	3	3	3	3	3													3
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	1	1	1	1	1	1	1	1	1	1	1													1
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230													230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	208	208	208	210	210	210	210	210	210	210	210													208
1ST EFFECT SHELL PRESSURE, "HG	13	13	13	13	13	13	13	13	13	13	13													13
2ND EFFECT SHELL PRESSURE, "HG	16	16	16	16	16	16	16	16	16	16	16													16
3RD EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23	23	23	23	23													23
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96	96	96													96
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90													90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	164	164	164	166	168	168	168	168	168	168	168													164
BRINE PUMP DISCHARGE PRESSURE, #G	30	30	28	28	28	28	24	20	20	20	20													30
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	64	62	62	62	62	62	62	62	62	62	62													64
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5													1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.																								
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0													0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FOWARD			
GALLONS BROUGHT FOWARD			

REMARKS

0000-0400	1200-1600	
SIGNED		SIGNED
0400-0800	1600-2000	
SIGNED		SIGNED
0800-1200	2000-2400	

USAS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1DATE: 11-24-67

OUR ENDING	METER READING	SHIPS TANKS	REED TANKS		
0000				0000-0400	1200-1600
0100	13824200	1100		#1 EVAP DIST TO #3 STBD	
0200	13825400	1200		ADDED 80% CHLORINE	
0300	13826500	1100		PER 1000 GALS DIST	
0400	13827700	1200			
0500	13828800	1100			
0600	13829900	1100			
0700	13831000	1100		McRay Hill	
0800	13832100	1100		0400-0800	1600-2000
0900	13833200	1100		#1 EVAP DIST TO	
1000	13834400	1200		#3 STBD	
1100	13835500	1100		20400 #1 Tube next	
1200				Drain pump working	
1300				Ord - notified ENG. in	
1400				ENG ENG ROOM	
1500				Added 80% chlorine per	
1600				R. Shugart	
1700				0800-1200	2000-2400
1800				#1 EVAP DIST	INT off #1
1900				TO #3 STBD. @ 1030	EVAP. @ 2200
2000				SHIFTED TO #3 PORT	DIST TO #3 STBD
2100				Added 1/2 gal chlorine	Added 20% chlorine
2200	13820500	1400		TO #3 STBD.	PER 1000
2300	13821900	1200			
2400	13823100				

16,000

E. J. Nagalla

E. J. Nagalla

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO:

2

DATE: 11-25-67

Set clocks ahead 20 min 2300-0100-0500
HOUR ENDING:

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	240	240	240	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8
2ND EFFECT SHELL PRESSURE, "HG	23	23	23	22	22	22	22	23	23	23	23	22	22	22	22	22	22	22	22	22	22	22	22	22
3RD EFFECT SHELL PRESSURE, "HG	25	25	25	23	23	23	23	23	23	23	23	25	25	25	25	25	25	25	25	25	25	25	25	25
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	132	132	132	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
FEED TO 1ST EFFECT, TEMPERATURE, °F	148	148	148	156	156	156	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158
BRINE PUMP DISCHARGE PRESSURE, #G	22	24	24	22	22	22	25	25	25	25	25	16	16	16	16	18	18	18	19	21	21	21	21	21
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	49	49	49	48	48	48	48	48	48	48	48	49	49	50	50	50	50	50	50	50	50	50	50	50
BRINE OVERBOARD DENSITY, 32NDS	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
AIR EJECTOR DRAINS, SALINITY--E.P.M.	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT			REMARKS
	NO. 1	NO. 2	NO. 3	
HOURS BROUGHT FOWARD				
GALLONS BROUGHT FOWARD				
				SIGNED
				SIGNED
				SIGNED
				SIGNED

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 2

DATE: 11-25-67

HOURLY ENDING	METER READING	SHIPS TANKS	REED TANKS
			0000-0400 # 2 EVAP DIST TO # 3 PORT ADDED 8 OZ CHLORINE PER 1000 GALS DIST McRay Hill
			0400-0800 # 2 Evap Dist. To # 3 SKD Added 32 oz chlorine
			0800-1200 R. Shippard # 2 Evap Dist To # 3 Skd. Added 8 oz Chlorine per 1000 gals
			1200-1600 # 2-EVAP DIST TO # 3 ADDED 8 OZ CHLORINE PER 1000 GALS DIST
			1600-2000 # 2 Evap Dist. To # 3 port Added 32 oz chlorine
			2000-2400 R. Shippard # 2 EVAP. Dist. To # 3 PORT Added 8 oz chlorine per 1000 gals B. Magallon

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1

DATE: 11-25-67

HOUR ENDING:

	HOUR ENDING:																							
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	8	9	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	8	
STEAM FROM REG. VALVE, PRESSURE #G	3	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	3	
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	206	206	206	210	210	210	210	210	210	210	210	204	200	200	206	206	206	206	206	206	206	206	206	
1ST EFFECT SHELL PRESSURE, "HG	12	12	12	12	12	12	12	12	12	12	12	14	14	14	14	13	13	13	13	13	13	13	12	
2ND EFFECT SHELL PRESSURE, "HG	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
3RD EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	168	168	168	170	170	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	
BRINE PUMP DISCHARGE PRESSURE, #G	15	15	15	15	15	15	20	22	22	22	22	20	20	20	20	18	18	18	18	18	18	18	15	
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	64	64	64	64	64	64	64	64	64	64	64	62	62	62	64	64	64	64	64	64	64	64	64	
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
AIR EJECTOR DRAINS, SALINITY--E.P.M.												34	32	32	34	32	32	32	32	32	32	32	32	
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FOWARD			
GALLONS BROUGHT FOWARD			

	PERIODS	
	0000-0400	1200-1600
	SIGNED	SIGNED
	0400-0800	1600-2000
	SIGNED	SIGNED
	0800-1200	2000-2400

USAS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1DATE: 11-25-67

OUR ENDING	METER READING	SHIPS TANKS	REED TANKS		
0000	13835500			0000-0400	1200-1600
0100	13851000	1200		#1 EVAP DIST TO #3 PORT	#1 EVAP DIST TO #3 C
0200	13852100	1100		ADDED 8 OZ CHLORINE	ADDED 8 OZ CHLORINE
0300	13852900	800	40 MIN	PER 1000 GALS DIST	PER 1000 GALS DIST
0400	13854700	800			
0500	13855400	700	40 MIN		
0600	13856500	1100			
0700	13857600	1100			
0800	13858700	1100		McCoy Hill	McCoy Hill
0900	13859800	1100		0800-1200	1600-2000
1000	13860900	1100		#1 EVAP. DIST. TO #3 STBL	#1 EVAP. DIST. TO #3 PORT
1100	1386600	1100		ADDED 8 OZ CHLORINE	ADDED 8 OZ CHLORINE PER
1200	1386700	1100		PER 1000 GALS DIST.	1000 GALS DIST.
1300	13868800	1100			
1400	13869900	1100			
1500	13871000	1100			
1600	13872100	1100			
1700	13873300	1200			
1800	138744500	1200		0800-1200	2000-2400
1900	13875600	1100		#1 EVAP. DIST	#1 EVAP. DIST
2000	13876800	1200		TO #3 STBL	TO #3 PORT.
2100	13877900	1100		ADDED 8 OZ CHLORINE	ADDED 8 OZ CHLORINE
2200	13878700	800	40 MIN	PER 1000 GALS	PER 1000 GALS
2300	13879800	1100			
2400	13881000	241100			

B. S. Magallanes

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 2

DATE: 11-36-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	9	9	9	8	8	8	8	8	8			8	9	9	9	9	9	9	9	9	9	9	9	9
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	2	2			2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3			3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230			230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210	210	210			210	210	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	9	9	9	9	9	9	9	9	9			9	9	9	9	9	9	9	9	9	9	9	9	9
2ND EFFECT SHELL PRESSURE, "HG	22	22	22	22	22	22	22	22	22			22	22	22	22	22	22	22	22	22	22	22	22	22
3RD EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23	23	23			23	23	23	23	23	23	23	23	23	23	23	23	23
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96			92	92	94	94	96	96	96	96	96	96	96	96	96
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90			90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	132	132	132	132	132	132	132	132	132			132	132	132	132	132	132	132	132	132	132	132	132	132
FEED TO 1ST EFFECT, TEMPERATURE, °F	150	150	150	150	150	150	150	150	150			150	150	150	150	150	150	150	150	150	150	150	150	150
BRINE PUMP DISCHARGE PRESSURE, #G	25	25	25	25	25	25	25	25	25			25	25	25	25	25	25	25	25	25	25	25	25	25
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	48	48	48	48	48	48	48	48	48			48	48	48	48	48	48	48	48	48	48	48	48	48
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5			1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.	02	02	02	02	02	02	02	02	02			02	02	02	02	02	02	02	02	02	02	02	02	02
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FORWARD			
GALLONS BROUGHT FORWARD			

REMARKS	
0000-0400	1200-1600
0400-0800	1600-2000
0800-1200	2000-2400

SIGNED

SIGNED

SIGNED

SIGNED

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 2 DATE: 11-26-67

OUR ENDING	METER READING	SHIPS TANKS	REED TANKS		
				0000-0400	1200-1600
				# 2-EVAP DIST TO #3 &	# 2 EVAP DIST TO #3 PORT
				ADDED 802 CHLORINE	ADDED 802 CHLORINE
				PER 1000 GALS DIST	PER 1000 GALS DIST
				McRoy Hall	McRoy Hall
				0400-0800	1600-2000
				# 2 Evap. Dist. TO # 3 &	# 2 Evap. Dist TO # 3 STBD
				Added 32 oz chlorine	Added 32 oz chlorine
				R. Sheppard	R. Sheppard
				0800-1200 # 2 Evap. Dist	2000-2400 # 2 Evap. Dist.
				TO # - 3 &	DIST. TO # - 1 PORT
				Added 802 chlorine	@ 21:00 Shifted DIST
				PER 1000 gals Fish Wash	TO # - 1 STBD Feed
					E. A. Nagallane

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO:

DATE: 11-26-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	9	9	9	8	8	8	8	8	8			8	9	9	9	9	9	9	9	9	9	9	9	9
STEAM FROM REG. VALVE, PRESSURE #G	4	4	4	4	4	4	4	4	4			4	4	4	4	4	4	4	4	4	4	4	4	4
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	2	2	2	2	2	2			3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230			230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210	210	210			208	206	206	206	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	12	12	13	14	14	14	14	14	14			12	12	12	12	13	13	13	13	13	13	13	13	13
2ND EFFECT SHELL PRESSURE, "HG	16	16	16	16	16	16	16	16	16			16	16	16	16	16	16	16	16	16	16	16	16	16
3RD EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23	23	23			23	23	23	23	23	23	23	23	23	23	23	23	23
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96			96	94	94	94	94	94	94	94	94	94	94	94	94
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90			90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2ND EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	168	168	168	168	168	168	168	168	168			168	168	168	168	168	168	168	168	168	168	168	168	168
BRINE PUMP DISCHARGE PRESSURE, #G	25	25	25	25	25	25	25	25	25			15	15	15	15	15	15	15	15	15	15	15	15	15
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	64	64	64	64	64	64	64	64	64			65	64	64	64	64	64	64	64	64	64	64	64	64
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5			1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY—E.P.M.												S	A	L	T	Y								
1ST EFFECT DRAINS, SALINITY—E.P.M.	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FORWARD			
GALLONS BROUGHT FORWARD			

MEMBERS	0000-0400		1200-1600	
	SIGNED		SIGNED	
MEMBERS	0400-0800		1600-2000	
	SIGNED		SIGNED	
MEMBERS	0800-1200		2000-2400	
	SIGNED		SIGNED	

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1DATE: 11-26-67

OUR ENDING	METER READING	SHIPS TANKS	REED TANKS		
0000	13860900			0000-0400	1200-1600
0100	13875200	1100		#1 EVAP DIST TO #3 &	#1 EVAP DIST TO #3 PORT
0200	13876100	1000		ADDED 80% CHLORINE	ADDED 80% CHLORINE
0300	13879100	1000		PER 1000 GALS DIST	PER 1000 GALS DIST
0400	13878100	1000			
0500	13879100	1000			
0600	13880100	1000			
0700	13881100	1000		McRay Hill	McRay Hill
0800	13882100	1000		0800-0800	1600-2000
0900	13883200	1100		#1 Evap. Dist. TO #3 &	#1 Evap. Dist. TO #3 STLD
1000	13884100	900		Added 80% chlorine per	Added 80% chlorine per
1100	DIST TO B. 192			1000 Gals. Dist.	1000 Gals. Dist.
1200	13861900	1000			
1300	13863000	1100			
1400	13864100	1100			
1500	13865100	1000			
1600	13866100	1000		R. Shippard	R. Shippard
1700	13867200	1000		0800-1200	2000-2400
1800	13868200	1000		#1 EVAP. DIST	#1 EVAP. DIST
1900	13869000	800		TO #1 PORT @ 21:00	TO #1 PORT @ 21:00
2000	13870000	1000		TO #3 &	SHIFTED DIST. TO #3 &
2100	13871000		1000	Added 80% chlorine	Added 80% chlorine
2200	13872000	1000		per 1000 G. of Gallon	per 1000 G. of Gallon
2300	13873100	1100			
2400	13874100	1000			

22,300

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO:

2

DATE: 11-27-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	240
STEAM TO REG. VALVE, PRESSURE #G	7	7	7	7	7	7	7	7	7	7	7	7	8	8	7	7	7	7	7	7	7	7	7	7
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	236	230	236	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2ND EFFECT SHELL PRESSURE, "HG	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
3RD EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
FEED TO 1ST EFFECT, TEMPERATURE, °F	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144
BRINE PUMP DISCHARGE PRESSURE, #G	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FOWARD			
GALLONS BROUGHT FOWARD			

REMARKS

0000-0400	1200-1600	
0400-0800	1600-2000	
0800-1200	2000-2400	

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO:

DATE: 11-27-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	7	7	7	7	7	7	7	7	7	7	7	6	6	6	5	7	7	7	7	7	7	7	7	7
STEAM FROM REG. VALVE, PRESSURE #G	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	14	14	14	13	14	14	14	14	14	14	14	12	12	11	13	15	15	15	15	15	15	15	15	15
2ND EFFECT SHELL PRESSURE, "HG	17	17	17	16	17	17	16	16	16	16	16	16	16	15	16	18	18	17	17	18	16	16	16	17
3RD EFFECT SHELL PRESSURE, "HG	24	24	24	23	23	23	23	23	23	23	23	22	22	26	23	24	24	24	24	24	24	24	24	24
CONDENSATE FROM COOLLER, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168
BRINE PUMP DISCHARGE PRESSURE, #G	20	20	20	20	20	20	20	15	15	15	15	28	28	28	28	22	22	22	23	23	23	23	23	23
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	45	36	38	40	38	38	38	38	38	38	38	38	38	36	44	62	64	64	64	64	64	64	64	64
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.																								
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FORWARD			
GALLONS BROUGHT FORWARD			

REMARKS

0000-0400	1200-1600
0400-0800	1600-2000
0800-1200	2000-2400
SIGNED	SIGNED
SIGNED	SIGNED

USKS GEN JOHN POPE (T-AP110)

1
LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1

DATE: 11-27-65

HOOR ENDING	METER READING	SHIPS TANKS	REED TANKS	0000-0400	1200-1600
0000					
0100	13895000	1000	1000	#1 EVAP DIST TO #3 & BT	#1 EVAP DIST TO #3 &
0200	13899000	1000	1000	SWITH TO #2 PORT FEED	
0300	13900000	1000	1000	0040	ADDED 802 CHLORINE
0400	13901000		1000		PER 1000 GALS DIST-
0500	13901900		900		
0600	13902900	1000			
0700	13903900	1000		McRoy Hill	McRoy Hill
0800	13904900	1000			
0900	13906000	1100		0400-0800	1600-2000
1000	13907100	1100			#1 Evap. Dist. to #3 &
1100	13908200	1000			Added 802 chlorine per
1200	13885400	1000			1000 GALS Dist.
1300	13887500	1100			
1400	13888500	1000			
1500	13889600	1100			
1600	13890100	500			
1700	13891100	1000			
1800	13892100	1000			
1900	13892900	800		0800-1200	2000-2400
2000	13893900		1000	#1 Evap. Dist to #3 &	#1 Evap Dist
2100	13895000		1000	Added 802 chlorine	to #1 Port Feed
2200	13896000		1000	per 1000 GALS	
2300					
2400	13897000		1000	J. P. Jaggalla	J. P. Jaggalla

USNS GEN. JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO:

2

DATE: 11-28-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7	7	7	7
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	9	9	9	9	9	9	9	9	9	9	9	7	7	7	7	7	7	8	8	8	8	8	8	9
2ND EFFECT SHELL PRESSURE, "HG	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22	22	22
3RD EFFECT SHELL PRESSURE, "HG	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
STEAM TO AIR EJECTOR, PRESSURE, #G	92	92	92	92	92	92	92	92	92	92	92	94	94	94	94	94	94	94	94	94	94	94	94	94
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	134	134	134	132	132	132	132	131	131	131	131	134	134	134	134	134	134	134	134	134	134	134	134	134
FEED TO 1ST EFFECT, TEMPERATURE, °F	148	148	148	146	146	146	146	146	146	146	146	148	148	148	148	148	148	148	148	148	148	148	148	148
BRINE PUMP DISCHARGE PRESSURE, #G	25	25	25	25	25	25	25	25	25	25	25	24	24	24	25	26	26	28	25	25	25	25	25	25
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	35	35	35	35	35	35	35	35	35	35	35	38	35	38	40	40	40	40	40	40	40	40	40	40
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FORWARD			
GALLONS BROUGHT FORWARD			

0000-0400	1200-1600	SIGNED
0400-0800	1600-2000	SIGNED
0800-1200	2000-2400	SIGNED

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 11-28-67 DATE:

OUR ENDING	METER READING	SHIPS TANKS	REED TANKS
			0000-0400 #2 EVAP DIST TO #1 STBD FEED McRay Hill
			0400-0800 #2 Evap. Dist To #3 & Added 32 oz chlorine R. Shippard
			0800-1200 #2 Evap. Dist To #1 STBD Feed. Tested @ 1145 #1 STBD = #2 STBD =
			1200-1600 #2 - EVAP DIST TO #1 STBD FEED McRay Hill
			1600-2000 #2 - EVAP DIST TO #1 STBD FEED McRay Hill
			2000-2400 #2 - EVAP DIST TO #1 STBD FEED B. H. Neuman B. A. Macomber

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO:

AT

DATE: 11-28-67

HOURLY ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
STEAM FROM REG. VALVE, PRESSURE #G	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
2ND EFFECT SHELL PRESSURE, "HG	16	16	16	17	17	17	17	17	17	17	17	17	15	15	15	15	15	15	15	15	15	15	15	15
3RD EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23	23	23	23	23	23	22	22	22	22	22	22	22	22	22	22	22	22
CONDENSATE FROM COOLER, TEMPERATURE, °F	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
STEAM TO AIR EJECTOR, PRESSURE, #G	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166
BRINE PUMP DISCHARGE PRESSURE, #G	15	15	15	20	20	20	20	25	25	25	25	25	15	15	15	15	15	15	15	15	15	15	15	15
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	38	40	40	40	40	40	40	40	40	40	40	40	44	44	44	50	50	50	50	50	50	50	50	50
BRINE OVERBOARD DENSITY, 32NDS	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
AIR EJECTOR DRAINS, SALINITY--E.P.M.																								
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FORWARD			
GALLONS BROUGHT FORWARD			

REMARKS	
0000-0400	1200-1600
0400-0800	1600-2000
0800-1200	2000-2400
SIGNED	SIGNED
SIGNED	SIGNED

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1DATE: 11-28-60

OUR ENDING	METER READING	SHIPS TANKS	FEED TANKS		
0000	13908100			0000-0400	1200-1600
0100	13921900	1000		#1 EVAP DIST TO #3 &	#1 EVAP DIST TO #3 PORT
0200	13922900	1000			
0300	13923900	1000		ADDED 8 OZ CHLORINE	ADDED 8 OZ CHLORINE PER
0400	13924400	500		PER 1000 GALS DIST	1000 GALS DIST
0500	13925400	1000			SWITCH TO #3 & PORT 1545
0600	13926200	800			
0700	13927200	1000		McRay Hill	McRay Hill
0800	13928700	1000			
0900	13929700	1000		0400-0800	1600-2000
1000	13930100	900		#1 EVAP DIST TO #3 &	#1 EVAP DIST TO #3 & PORT
1100	13931100	1000		ADDED 8 OZ CHLORINE	ADDED 8 OZ CHLORINE
1200	13909100	1000		PER 1000 GALS DIST	PER 1000 GALS DIST
1300	13910100	1000			
1400	13911100	1000			
1500	13912100	1000			
1600	13913100	1000		R. Shupard	McRay Hill
1700	13914100	1000			
1800	13915100	1000		0800-1200	2000-2400
1900	13916100	1000		#1 EVAP DIST TO #3	#1 EVAP DIST TO #3
2000	13917000	900		STG	
2100	13918000	900		ADDED 8 OZ CHLORINE	ADDED 8 OZ CHLORINE
2200	13919000	900		PER 1000	PER 1000
2300	13920000	1000			
2400	13920900	1000			

22,900

USNS GEN JOHN POPE (T-AP110)

2
LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO:

2

DATE: 11-29-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	7	7	9	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	9	8	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2ND EFFECT SHELL PRESSURE, "HG	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
3RD EFFECT SHELL PRESSURE, "HG	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
CONDENSATE FROM COOLER, TEMPERATURE, °F	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
STEAM TO AIR EJECTOR, PRESSURE, #G	88	81	80	90	90	90	90	90	90	90	90	90	92	92	92	92	94	94	94	94	94	94	94	94
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
FEED TO 1ST EFFECT, TEMPERATURE, °F	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146
BRINE PUMP DISCHARGE PRESSURE, #G	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	35	40	40	38	50	50	50	50	50	50	50	40	40	38	38	38	38	38	38	38	38	38	38	38
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FOWARD			
GALLONS BROUGHT FOWARD			

REMARKS

0000-0400	1200-1600
SIGNED	SIGNED
0400-0800	1600-2000
SIGNED	SIGNED
0800-1200	2000-2400

DATE: 11-29-67

[illegible]

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1

DATE: 11-29-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
STEAM FROM REG. VALVE, PRESSURE #G	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	11	10	10	12	14	14	14	14	14	14	14	13	13	13	12	12	12	12	12	12	12	12	12	12
2ND EFFECT SHELL PRESSURE, "HG	14	14	14	16	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16
3RD EFFECT SHELL PRESSURE, "HG	22	22	22	23	25	25	25	25	25	25	25	22	22	22	22	22	22	22	22	22	22	22	22	22
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
STEAM TO AIR EJECTOR, PRESSURE, #G	82	80	84	90	90	90	90	90	90	90	90	94	94	94	82	82	88	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	166	166	166	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168
BRINE PUMP DISCHARGE PRESSURE, #G	30	30	34	34	34	34	34	34	34	34	34	30	30	30	30	30	30	30	30	30	30	30	30	30
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	40	45	45	45	45	45	45	45	45	45	45	40	40	40	40	40	40	40	40	40	40	40	40	40
BRINE OVERBOARD DENSITY, 32NDS	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
AIR EJECTOR DRAINS, SALINITY--E.P.M.	—	—	—	—	—	—	—	—	—	—	—	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FOWARD			
GALLONS BROUGHT FOWARD			

REMARKS	
0000-0400	1200-1600
0400-0800	1600-2000
0800-1200	2000-2400
SIGNED	SIGNED
SIGNED	SIGNED

USNS GEN JOHN POPE (T-AP110)

1
LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1

DATE: 11-29-67

HOUR ENDING	METER READING	SHIPS TANKS	REED TANKS	0000-0400	1200-1600
0000	13931100			#1 EVAP DIST TO #3 PORT	#1 EVAP DIST TO #3 & PORT
0100	13945400	1000		PORT	ADDED 80% CHLORINE
0200	13946800	900		ADDED 80% CHLORINE	PER 1000 GAL DIST
0300	13947300	1000		PER 1000 GALS DIST	
0400	13948100	800			
0500	13949000	900			
0600	13949800	800	STEAM TO		
0700	13950500	700	Air Ejector	McRay Hill	McRay Hill
0800	13951500	1000	UNSTEADY	0400-0800	1600-2000
0900	13952200	700		#1 Evap. Dist. to #3 p	#1 Evap. Dist. to #3 &
1000	13953000	800		Added 80% chlorine	Added 80% chlorine per
1100	13954100	1100		per 1000 gals dist.	1000 gals dist.
1200	13932100	900			
1300	13933100	1000			
1400	13934100	1000			
1500	13935100	1000			
1600	13936100	1000			
1700	13937100	1000			
1800	13938100	1000			
1900	13939100	1000			
2000	13940000	900			
2100	13941000	1000			
2200	13942000	1000			
2300	13943000	1000			
2400	13944000	1000			

19500
/

R. Shppard
0800-1200 #1 Evap. Dist. to #3 Port.
Added 80% chlorine per 1000 gals dist.
R. Shppard

R. Shppard
2000-2400 #1 Evap. Dist. to #3 Stbd.
Added 80% chlorine per 1000 gals dist.
R. Shppard

USNS GEN JOHN POPE (T-AP110)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO:

DATE: 11-30-67

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	7	7	7	7	7	7	7					7	7	7	7	7	7	7	7	7	7	7	7	7
STEAM FROM REG. VALVE, PRESSURE #G	4	4	4	4	4	4	4					4	4	4	4	4	4	4	4	4	4	4	4	4
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3					3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230					230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	208	208	208	208	208	208	208					210	210	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	15	15	15	15	15	15	15					12	12	12	12	12	12	12	12	12	12	12	12	12
2ND EFFECT SHELL PRESSURE, "HG	17	17	17	17	17	17	17					16	16	16	16	16	16	16	16	16	16	16	16	16
3RD EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23					23	23	23	23	23	23	23	23	23	23	23	23	23
CONDENSATE FROM COOLER, TEMPERATURE, °F	94	94	94	94	94	94	94					96	96	96	96	96	96	96	96	96	96	96	96	96
STEAM TO AIR EJECTOR, PRESSURE, #G	98	98	98	98	98	98	98					90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	166	166	166	166	166	166	166					166	166	166	166	166	166	166	166	166	166	166	166	166
BRINE PUMP DISCHARGE PRESSURE, #G	25	25	25	25	25	25	25					25	25	25	25	25	25	25	25	25	25	25	25	25
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	54	54	54	54	54	54	54					45	45	45	45	45	45	45	45	45	45	45	45	45
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5					1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-	-	-	-	-	-
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FORWARD			
GALLONS BROUGHT FORWARD			

REMARKS

0000-0400	1200-1600
SIGNED	SIGNED
0400-0800	1600-2000
SIGNED	SIGNED
0800-1200	2000-2400

USNS GEN JOHN POPE (T-AP110)

7

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

PLANT NO: 1DATE: 11-30-67

HOOR ENDING	METER READING	SHIPS TANKS	REED TANKS		
0000	13954100			0000-0400	1200-1600
0100	13958600	1100		#1 EVAP. DIST TO #3	to #3 Port
0200	13959600	1000		PORT	(Added 802 Chlorine
0300	13970600	1000		ADDED 802 CHLORINE	per 1000 GALS ...
0400	13971600	1000		PER 1000 GALS	
0500	13972600	1000			
0600	13973600	1000			
0700	13974700	1100		McRay Hill	McRay Hill
0800	13975800	1100		0800-0800	1600-2000
0900				#1 EVAP. DIST TO #3 PORT	#1 EVAP. DIST. TO #3 P
1000	SECURED @ 0:800			ADDED 802 CHLORINE	Add 802 Chlorine
1100				PER 1000 GALS DIST	per 1000 GALS DIST.
1200	13955100	1000			
1300	13956100	1000			
1400	13957200	1100			
1500	13958300	1100			
1600	13959400	1100		McRay Hill	R. Shippard
1700	13960400	1000		0800-1200	2000-2400
1800	13961400	1000		#1 EVAP.	#1 EVAP. DIST
1900	13962400	1000		SECURED @	TO #3 Port @
2000	13963400	1000		0800	0800 SECURED
2100	13964400	1000			
2200	13965500	1000			
2300	13966500	1000			
2400	13967500	1000			

21,600

2

HOUR ENDING:	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
STEAM TO REG. VALVE, PRESSURE #G	7	7	7	7	7	7	7					7	7	7	7	7	7	7	7	7	7	7	7	7
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2					2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3					3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230					230	230	230	230	230	230	230	230	230	230	230	230	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	210	210	210	210	210	210					210	210	210	210	210	210	210	210	210	210	210	210	210
1ST EFFECT SHELL PRESSURE, "HG	10	10	10	10	10	10	10					10	10	10	10	10	10	10	10	10	10	10	10	10
2ND EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23					23	23	23	23	23	23	23	23	23	23	23	23	23
3RD EFFECT SHELL PRESSURE, "HG	25	25	25	25	25	25	25					25	25	25	25	25	25	25	25	25	25	25	25	25
CONDENSATE FROM COOLER, TEMPERATURE, °F	94	94	94	93	92	90	90					96	96	96	96	96	96	96	96	96	96	96	96	96
STEAM TO AIR EJECTOR, PRESSURE, #G	94	94	94	94	94	94	94					90	90	90	90	90	90	90	90	90	90	90	90	90
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE °F																								
FEED TO SECOND 2D EFFECT VAP. FD. HEATER, TEMPERATURE °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	130	130	130	130	130	130	130					132	132	132	132	132	132	132	132	132	132	132	132	132
FEED TO 1ST EFFECT, TEMPERATURE, °F	144	144	144	144	144	144	144					146	146	146	146	146	146	146	146	146	146	146	146	146
BRINE PUMP DISCHARGE PRESSURE, #G	22	22	22	22	22	22	22					24	24	24	24	24	24	24	24	24	24	24	24	24
1ST EFFECT DRAIN-PUMP DISCHARGE PRESSURE, #G	38	38	38	38	38	38	38					35	38	40	40	40	40	40	40	40	40	40	40	40
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5					1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
AIR EJECTOR DRAINS, SALINITY--E.P.M.	02	02	02	02	02	02	02					02	02	02	02	02	02	02	02	02	02	02	02	02
1ST EFFECT DRAINS, SALINITY--E.P.M.	0	0	0	0	0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
HOURS BROUGHT FOWARD			
GALLONS BROUGHT FOWARD			

REMARKS

0000-0400	1200-1600	
SIGNED	SIGNED	
0400-0800	1600-2000	
SIGNED	SIGNED	
0800-1200	2000-2400	

