Table 2-4. Flow Rates and Total Run-Times for HX P&T System Extraction and Injection Wells for 2013

Well ID	Well Name	PLC ID	Flow Rate, L/min (gpm)		Total Flow Hours in CY 2013	Total Run-Time* (Percent)	Purpose
			Low River Stage Ave.	High River Stage Ave.			
C7585	199-H1-1	HE33	113.2 (29.9)	113.2 (29.9)	8736	99.7%	Extraction
C7584	199-H1-2	HE32	7.2 (1.9)	16.3 (4.3)	8328	95.1%	Extraction
C7113	199-H1-20	HJ13	236.9(62.6)	295.6 (78.1)	8736	99.7%	Injection
C7111	199-H1-21	HJ12	283.1 (74.8)	375.1 (99.1)	8736	99.7%	Injection
C7478	199-H1-25	HE38	95.0 (25.1)	107.9 (28.5)	8712	99.5%	Extraction
C7480	199-H1-27	HE39	46.6 (12.3)	112.0 (29.6)	8424	96.2%	Extraction
C7581	199-H1-3	HE31	off	<3.8 (<1)	96	1.1%	Extraction
C7100	199-H1-32	HE40	0.0 (0.0)	30.3 (8.0)	4752	54.2%	Extraction
C7105	199-H1-33	HE41	3.0 (0.8)	99.2 (26.2)	5352	61.1%	Extraction
C7108	199-H1-34	HE21	33.3 (8.8)	100.7 (26.6)	8736	99.7%	Extraction
C7106	199-H1-35	HE22	78.7 (20.8)	105.9 (27.9)	8736	99.7%	Extraction
C7102	199-H1-36	HE23	21.2 (5.6)	34.1 (9.0)	8736	99.7%	Extraction
C7099	199-H1-37	HE24	16.7 (4.4)	105.2 (27.8)	7512	85.8%	Extraction
C7098	199-H1-38	HE26	10.2 (2.7)	83.3 (22.0)	7704	87.9%	Extraction
C7109	199-H1-39	HE27	2.6 (0.7)	107.5 (28.4)	5952	67.9%	Extraction
C7604	199-H1-4	HE35	1.9 (0.5)	8.7 (2.3)	6432	73.4%	Extraction
C7104	199-H1-40	HE28	9.8 (2.6)	63.2 (16.7)	7968	91.0%	Extraction
C7107	199-H1-42	HE29	92.7 (24.5)	38.2 (10.1)	7248	82.7%	Extraction

Table 2-4. Flow Rates and Total Run-Times for HX P&T System Extraction and Injection Wells for 2013

Well ID	Well Name	PLC ID	Flow Rate, L/min (gpm)		Total Flow Hours in CY 2013	Total Run-Time* (Percent)	Purpose
			Low River Stage Ave.	High River Stage Ave.			
C7492	199-H1-43	HE30	113.2 (29.9)	113.2 (29.9)	8736	99.7%	Extraction
C7477	199-H1-45	HE01	101.8 (26.9)	101.8 (26.9)	8712	99.5%	Extraction
C7606	199-H1-6	HE37	7.9 (2.1)	23.1 (6.1)	7008	80.0%	Extraction
C7110	199-H3-25	HJ08	199.1 (52.6)	246.4 (65.1)	8736	99.7%	Injection
C7115	199-H3-26	HJ07	200.6 (53.0)	248.7 (65.7)	8736	99.7%	Injection
C7114	199-H3-27	HJ06	166.2 (43.9)	208.2 (55.0)	8736	99.7%	Injection
A4613	199-H3-2C	HE09	162.0 (42.8)	185.5 (49.0)	8712	99.5%	Extraction
B2779	199-H3-4	HE42	489.8 (129.4)	490.5 (129.6)	8736	99.7%	Extraction
A4618	199-H4-12C	HE10	112.4 (29.7)	113.2 (29.9)	8712	99.5%	Extraction
A4620	199-H4-14[a]	HJ15	-	-	1344	15.3%	Injection
A4621	199-H4-15	HE02	114.7 (30.3)	120.7 (31.9)	8712	99.5%	Extraction
A4627	199-H4-17	HJ14	15.5 (4.1)	28.0 (7.4)	8448	96.4%	Injection
A4628	199-H4-18	HJ05	30.3 (8.0)	42.0 (11.1)	8520	97.3%	Injection
A4630	199-H4-4	HE06	7.2 (1.9)	39.4 (10.4)	6264	71.5%	Extraction
B2776	199-H4-63	HE07	101.8 (26.9)	101.8 (26.9)	8616	98.4%	Extraction
B2777	199-H4-64	HE08	32.2 (8.5)	74.9 (19.8)	8712	99.5%	Extraction
C7485	199-H4-69	HE03	98.0 (25.9)	105.6 (27.9)	8616	98.4%	Extraction
C7483	199-H4-70	HE04	90.5 (23.9)	59.0 (15.6)	7800	89.0%	Extraction

Table 2-4. Flow Rates and Total Run-Times for HX P&T System Extraction and Injection Wells for 2013

Well ID	Well Name	PLC ID	Flow Rate, L/min (gpm)		Total Flow Hours in CY 2013	Total Run-Time* (Percent)	Purpose
			Low River Stage Ave.	High River Stage Ave.			
C7483	199-H4-71	HJ04	134.0 (35.4)	169.6 (44.8)	8592	98.1%	Injection
C7488	199-H4-72	HJ03	135.5 (35.8)	170.3 (45.0)	8592	98.1%	Injection
C7484	199-H4-73	HJ02	106.7 (28.2)	156.3 (41.3)	8520	97.3%	Injection
C7598	199-H4-74	HJ09	159.7 (42.2)	207.4 (54.8)	8736	99.7%	Injection
C7597	199-H4-75	HE05	75.3 (19.9)	75.7 (20.0)	8712	99.5%	Extraction
C7587	199-H4-76	HE34	26.5 (7.0)	18.5 (4.9)	6888	78.6%	Extraction
C7605	199-H4-77	HE36	36.0 (9.5)	45.4 (12.0)	8376	95.6%	Extraction
C7588	199-H4-78	HJ10	272.1 (71.9)	344.4 (91.0)	8736	99.7%	Injection
C7586	199-H4-79	HJ11	95.8 (25.3)	186.6 (49.3)	8232	94.0%	Injection
C7489	199-H6-2	HJ01	70.4 (18.6)	125.7 (33.2)	8448	96.4%	Injection

* Percentage total run-time is calculated by [(days well in operation) ÷ (number of days in the calendar year)].

CY = calendar year

gpm = gallons per minute

ID = identification

PLC = programmable logic controller

a. Well 199-H4-14 was decommissioned early in 2013, and operated at an average of 42 lpm (11.1 gpm) for January and February