Facility Well Name Oxy #11 **UIC Permit #** KS-01-173-011 **Month** July **Year** 2019

Submitted 08/28/2019 **Approved** 09/01/2019 **KOLAR Document ID** 1470410

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 31

Barrels per Day Maximum: 20,571

	Injection Volume Barrels per Day	Injection Rate Barrels per Minute	Annulus Pressure psig min 130 Gauge psig	Annulus Pressure Cont. Record psig	Injection Pressure Gauge psig	Injection Pressure Cont. Record psig	Amount Added to Seal Pot
Monthly Average	6,051	4.26	166	166	-10.7	-11.8	
Monthly Maximum	11,820	9.19	176	177	-3.0	-3.0	
Monthly Minimum	2,688	1.88	158	158	-14.0	-15.0	
Monthly Total	187,568						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
191.90	157.80	0.20	-15.40

Comments:

Annulus oil was not added to the DW No. 11 seal pot in July 2019.

Oxy #11 07/2019

Daily Recorder Data

Day	Time 24 hr	Injection Volume Barrels Per Day	Injection Rate Barrels Per Minute	Annulus Pressure (Gauge) psig	Annulus Pressure (Continuous Recorder) psig	Injection Pressure (Gauge) + / -	Injection Pressure (Continuous Recorder) + / -	Seal Pot Fluid Level inches	Type of Fluid Added to Seal Pot	Amount of Fluid Added to Seal Pot gallons	Initials of Collector of Field Recordings		
1	06:50	5,683.29	2.88	174	175.0	-14	-15.0	39			TGZ		
2	07:01	5,386.10	3.57	176	177.0	-14	-15.0	39			TGZ		
3	06:51	6,426.60	4.71	173	173.0	-14	-15.0	39			TGZ		
4	07:10	5,458.45	4.24	160	161.0	-14	-15.0	38			TGZ		
5	06:50	6,108.81	4.64	160	161.0	-13	-15.0	41			JK		
6	06:50	6,714.95	4.48	158	158.0	-13	-14.0	42			JK		
7	06:50	9,051.29	5.71	160	160.0	-5	-5.0	41			JK		
8	07:01	11,517.02	9.19	158	159.0	-8	-9.0	41			BJ		
9	06:50	8,534.64	6.43	158	159.0	-11	-11.0	40			BJ		
10	06:55	5,161.12	4.00	159	160.0	-13	-15.0	40			BJ		
11	06:50	4,190.43	3.24	159	160.0	-14	-15.0	40			BJ		
12	06:58	5,796.24	4.57	161	160.0	-13	-15.0	40			AJB		
13	07:10	5,352.07	4.19	161	160.0	-13	-15.0	41			AJB		
14	07:10	2,688.10	1.88	162	161.0	-13	-15.0	41			AJB		
15	06:50	5,955.38	3.69	162	163.0	-14	-15.0	41			JK		
16	07:00	5,112.79	3.33	162	162.0	-14	-15.0	42			JK		
17	08:08	4,402.36	2.93	162	166.0	-14	-15.0	41			JK		
18	06:50	3,903.71	2.76	164	164.0	-14	-15.0	40			JK		
19	07:00	5,585.45	3.95	167	166.0	-5	-6.0	41			HM		
20	06:50	4,811.29	3.62	170	169.0	-3	-5.0	41			HM		
21	07:06	5,914.57	3.31	167	166.0	-12	-13.0	42			HM		
22	07:06	11,820.21	8.88	174	170.0	-8	-8.0	45			AJB		
23	07:10	7,291.48	5.48	170	169.0	-4	-5.0	41			AJB		
24	07:00	6,506.14	4.24	170	168.0	-3	-3.0	40			AJB		
25	07:08	5,505.90	4.07	170	170.0	-6	-6.0	40			AJB		
26	07:01	5,794.98	3.79	169	170.0	-14	-15.0	39			TGZ		
27	06:50	6,559.57	4.52	172	173.0	-6	-8.0	40			TGZ		
28	06:50	4,657.69	3.76	172	171.0	-13	-15.0	40			TGZ		
29	06:51	4,513.19	2.40	170	172.0	-13	-15.0	39			HM		
30	06:52	5,474.67	3.71	172	174.0	-7	-8.0	40			HM		
31	06:58	5,689.10	3.76	172	173.0	-10	-11.0	41			HM		