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

Submitted 03/25/2019 **Approved** 04/09/2019 **KOLAR Document ID** 1455067

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 28

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	4,972	3.44	163	165	-13.5	-13.7	
Monthly Maximum	9,477	6.62	175	174	-13.0	-13.0	
Monthly Minimum	1,314	0.81	153	155	-14.0	-14.0	
Monthly Total	139,203						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig

Comments:

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

Oxy #11 02/2019

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	06:55	5,006.55	3.67	168	170.0	-14	-14.0	30			TGZ		
2	06:53	5,098.19	3.55	170	172.0	-14	-14.0	31			TGZ		
3	06:57	4,459.88	2.98	170	172.0	-14	-14.0	31			TGZ		
4	06:54	5,062.95	2.90	159	157.0	-13	-14.0	33			HM		
5	06:56	6,165.95	4.24	163	163.0	-13	-13.0	31			HM		
6	07:07	5,536.76	4.24	164	163.0	-13	-14.0	30			HM		
7	06:58	3,762.12	2.64	167	166.0	-13	-14.0	27			HM		
8	07:10	4,553.81	3.76	170	169.0	-13	-14.0	27			LP		
9	06:53	1,314.05	0.95	166	168.0	-13	-14.0	26			LP		
10	07:00	2,087.90	0.81	170	171.0	-14	-14.0	28			LP		
11	06:53	4,221.57	2.88	175	174.0	-13	-14.0	29			LP		
12	07:10	4,874.24	5.02	158	161.0	-14	-14.0	31			TGZ		
13	06:55	8,535.52	5.45	156	159.0	-13	-13.0	32			TGZ		
14	06:51	5,967.33	2.29	153	155.0	-14	-14.0	29			TGZ		
15	06:57	3,896.26	3.36	160	161.0	-14	-14.0	29			BJ/JK		
16	07:00	3,808.26	2.83	162	166.0	-13	-14.0	28			BJ/JK		
17	06:50	3,644.83	1.67	157	161.0	-14	-14.0	28			BCJ/JK		
18	06:56	2,881.29	1.95	158	161.0	-13	-14.0	27			LP		
19	06:55	5,574.64	4.98	170	170.0	-13	-13.0	27			LP		
20	06:55	4,560.48	3.14	160	162.0	-13	-13.0	28			LP		
21	07:05	3,591.48	2.17	155	157.0	-14	-14.0	30			LP		
22	07:03	4,259.81	2.93	158	158.0	-13	-13.0	31			AJB		
23	06:57	7,006.29	5.07	168	166.0	-13	-13.0	33			AJB		
24	07:02	9,477.38	6.62	162	161.0	-13	-13.0	32			AJB		
25	06:51	6,661.33	4.86	160	163.0	-14	-14.0	30			BJ/JK		
26	06:54	6,058.93	3.00	160	165.0	-14	-14.0	29			BJ/JK		
27	06:50	7,066.67	5.38	161	166.0	-14	-14.0	29			BJ/JK		
28	06:50	4,068.40	3.02	166	169.0	-14	-13.0	28			BJ/JK		
29													
30													
31													