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

Submitted 02/03/2020 **Approved** 02/04/2020 **KOLAR Document ID** 1493757

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 31

Barrels per Day Maximum: 20,571

			Annulus Pressure psig min 130		Injection Pressure		
	Injection Volume Barrels per Day	Injection Rate Barrels per Minute	Gauge psig	Cont. Record psig	Gauge psig	Cont. Record psig	Amount Added to Seal Pot
Monthly Average	9,022	5.99	165	167	-26.0	-14.0	
Monthly Maximum	11,858	8.48	174	175	-14.0	-13.0	
Monthly Minimum	5,403	3.24	158	161	-28.0	-19.0	
Monthly Total	279,669						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
189.60	132.00	-0.30	-14.80

Comments:

Annual interlock tests were performed on 12/03/2019.

Oxy #11 12/2019

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	06:52	6,762.33	4.19	165	165.0	-26	-14.0	26			AB		
2	07:00	9,210.62	7.45	161	165.0	-27	-14.0	28			BJ		
3	06:56	6,673.69	3.33	161	165.0	-27	-14.0	28			BJ		
4	06:52	10,527.62	5.33	164	162.0	-26	-14.0	30			AB		
5	06:55	5,402.64	4.43	166	168.0	-25	-14.0	34			AB		
6	07:02	8,093.95	4.07	164	168.0	-14	-14.0	31			HM		
7	06:50	10,523.24	7.45	164	166.0	-26	-14.0	31			HM		
8	07:08	9,988.17	7.05	170	168.0	-26	-13.0	31			HM		
9	06:58	10,518.86	7.05	168	169.0	-26	-13.0	31			AB		
10	06:50	7,855.38	3.71	168	169.0	-27	-14.0	28			RW		
11	07:10	11,736.40	8.48	172	172.0	-26	-14.0	38			HM		
12	06:55	11,508.60	8.00	170	169.0	-26	-14.0	29			HM		
13	06:53	9,304.74	7.38	170	172.0	-27	-13.0	31			HM		
14	06:50	6,540.88	3.24	166	171.0	-28	-14.0	29			DT		
15	06:50	7,799.36	5.52	170	172.0	-26	-14.0	28			LP		
16	07:01	6,505.67	3.64	174	173.0	-26	-14.0	27			HM		
17	06:58	7,681.90	7.38	174	175.0	-26	-19.0	26			BJ		
18	07:00	8,734.48	7.33	170	172.0	-27	-14.0	28			HM		
19	06:57	9,692.95	5.98	166	165.0	-27	-14.0	28			HM		
20	06:56	10,649.64	8.33	159	161.0	-27	-14.0	28			BJ		
21	07:10	9,501.19	5.45	164	166.0	-27	-14.0	27			BJ		
22	07:00	10,608.67	7.17	160	162.0	-27	-14.0	29			BJ		
23	07:08	7,620.31	3.33	160	162.0	-26	-14.0	29			LP		
24	07:08	8,289.50	5.48	158	162.0	-27	-14.0	29			BJ		
25	07:09	9,105.71	7.07	164	165.0	-26	-13.0	31			DT		
26	06:50	8,450.45	5.31	160	162.0	-26	-14.0	30			DT		
27	06:50	8,086.10	3.88	160	164.0	-26	-14.0	30			JR		
28	06:45	9,177.95	5.17	170	170.0	-26	-14.0	30			AB		
29	06:50	9,439.71	6.55	162	165.0	-26	-14.0	31			JR		
30	06:53	11,820.60	8.48	165	169.0	-26	-14.0	28			BJ		
31	06:59	11,857.52	8.31	165	168.0	-26	-14.0	27			BJ		