Facility Well Name Oxy #10 **UIC Permit #** KS-01-173-010 **Month** November **Year** 2019

Submitted 12/23/2019 **Approved** 12/24/2019 **KOLAR Document ID** 1486274

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 30

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	9,225	6.50	170	172	-13.5	-14.0	
Monthly Maximum	10,813	8.40	182	180	-7.0	-8.0	
Monthly Minimum	7,758	4.02	152	156	-15.0	-16.0	
Monthly Total	276,736						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
250.00	-62.30	30.00	-26.30

Comments:

Annulus oil was not added to the DW No. 10 seal pot in November 2019. Quarterly instrument checks were conducted on DW No. 10 on 11/05/2019 resulting in artificial wellhead and annulus pressure readings.

Oxy #10 11/2019

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	03:06	8,321.76	6.90	172	172.0	-13	-16.0	20			HM		
2	07:07	10,324.71	7.17	172	172.0	-13	-16.0	20			HM		
3	06:50	10,343.86	8.40	174	173.0	-13	-15.0	20			HM		
4	06:58	10,356.74	7.21	174	173.0	-13	-16.0	20			AJB		
5	06:56	8,656.00	7.19	170	173.0	-14	-16.0	22			AB		
6	07:00	10,294.40	7.17	170	175.0	-14	-14.0	25			AB		
7	07:00	10,272.57	7.26	171	175.0	-14	-14.0	21			HM		
8	07:01	10,541.55	7.26	176	177.0	-15	-14.0	20			DJ		
9	06:50	10,679.43	7.43	174	177.0	-14	-14.0	20			DJ		
10	06:50	10,686.31	7.43	158	160.0	-13	-13.0	21			DJ		
11	06:53	9,461.98	4.02	176	177.0	-13	-14.0	20			HM		
12	06:51	10,812.79	7.81	175	178.0	-14	-14.0	20			SL		
13	06:50	9,091.07	6.76	178	176.0	-13	-13.0	22			HM		
14	07:08	8,551.62	5.79	182	180.0	-13	-14.0	20			HM		
15	07:07	9,225.38	6.38	170	174.0	-14	-15.0	24			BJ		
16	06:53	9,111.52	6.36	171	176.0	-14	-14.0	24			BJ		
17	07:02	9,236.67	6.43	167	170.0	-14	-14.0	24			BJ		
18	07:08	9,351.60	7.00	162	160.0	-14	-14.0	24			DJ		
19	07:02	9,314.43	6.45	160	163.0	-14	-14.0	27			DJ		
20	07:06	9,284.24	6.48	164	167.0	-14	-13.0	29			DJ		
21	06:50	9,228.57	6.40	152	156.0	-13	-14.0	27			DJ		
22	06:59	9,236.50	6.43	168	169.0	-14	-14.0	26			HM		
23	06:55	9,112.29	6.48	168	169.0	-14	-13.0	25			HM		
24	07:10	8,570.98	6.36	170	170.0	-7	-8.0	25			HM		
25	06:55	7,772.24	5.40	167	172.0	-14	-14.0	24			AJB		
26	07:04	7,796.52	5.38	169	173.0	-14	-14.0	24			AJB		
27	06:55	7,805.83	5.43	171	175.0	-14	-14.0	21			BJ		
28	06:56	7,758.14	5.38	170	175.0	-14	-15.0	22			BJ		
29	06:55	7,758.79	5.38	171	175.0	-14	-14.0	24			AJB		
30	06:50	7,777.29	5.40	175	175.0	-14	-14.0	24			AJB		
31													