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

Submitted 12/04/2019 **Approved** 12/24/2019 **KOLAR Document ID** 1484537

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	2,759	6.32	168	169	-11.6	-12.3	
Monthly Maximum	5,631	10.38	176	178	-3.0	-4.0	
Monthly Minimum	1,166	0.00	151	160	-14.0	-15.0	
Monthly Total	85,531						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
193.20	134.10	-1.10	-14.80

Comments:

Annulus oil was not added to the DW No. 11 seal pot in October 2019. KDHE granted a one week extension on the report submittal deadline.

Oxy #11 10/2019

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	07:01	1,166.45	5.52	168	170.0	-3	-4.0	36			ABJ		
2	07:06	2,597.43	5.98	174	173.0	-5	-6.0	49			ABJ		
3	06:50	2,295.31	5.64	170	172.0	-4	-5.0	34			ABJ		
4	07:03	2,657.48	5.93	174	173.0	-7	-6.0	35			SL		
5	07:00	2,528.00	6.17	175	175.0	-4	-4.0	33			SL		
6	07:03	3,597.67	8.40	176	178.0	-13	-14.0	34			SL		
7	08:01	1,582.67	3.19	166	168.0	-13	-12.0	31			HM		
8	07:00	2,564.62	5.76	172	171.0	-13	-14.0	32			HM		
9	07:08	2,594.88	6.07	172	173.0	-13	-14.0	31			HM		
10	07:05	5,630.81	0.00	172	173.0	-10	-12.0	34			HM		
11	07:03	4,443.07	10.38	174	178.0	-12	-13.0	28			BJ		
12	07:05	3,845.19	9.14	171	174.0	-13	-14.0	28			BJ		
13	07:06	3,845.19	9.07	167	168.0	-13	-14.0	29			BJ		
14	07:00	1,970.88	5.36	168	170.0	-14	-14.0	30			DT		
15	07:10	1,655.17	3.81	170	168.0	-14	-14.0	31			DT		
16	06:50	2,459.52	7.31	176	173.0	-12	-12.0	31			DT		
17	07:10	2,021.95	4.64	172	173.0	-13	-13.0	33			DT		
18	07:02	2,309.50	2.31	168	166.0	-13	-13.0	31			HM		
19	06:52	2,563.62	6.19	170	172.0	-13	-14.0	31			HM		
20	06:50	1,930.02	4.64	172	170.0	-13	-14.0	30			HM		
21	06:51	3,171.55	7.60	170	172.0	-13	-14.0	32			BJ		
22	07:01	1,514.05	8.02	160	165.0	-13	-14.0	28			BJ		
23	06:55	2,392.79	6.64	165	168.0	-13	-14.0	29			BJ		
24	06:58	3,271.93	7.83	161	163.0	-13	-15.0	30			BJ		
25	06:50	1,929.48	4.45	162	165.0	-13	-14.0	27			AJB		
26	07:10	2,920.33	6.74	164	164.0	-13	-14.0	28			AJB		
27	07:24	2,436.12	6.19	166	166.0	-13	-14.0	28			AJB		
28	06:50	3,228.64	7.83	161	165.0	-14	-15.0	28			BJ		
29	06:57	3,728.48	8.95	151	161.0	-13	-13.0	20			BJ		
30	06:51	3,730.12	9.05	165	166.0	-13	-14.0	27			BJ		
31	06:55	2,947.93	7.00	157	160.0	-14	-15.0	26			BJ		