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

Submitted 12/23/2019 **Approved** 12/24/2019 **KOLAR Document ID** 1486275

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	10,882	7.64	166	168	-13.1	-13.8	
Monthly Maximum	16,310	11.62	177	178	-10.0	-13.0	
Monthly Minimum	4,593	1.79	152	155	-14.0	-14.0	
Monthly Total	326,471						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
249.90	-62.50	30.00	-26.30

Comments:

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

Oxy #11 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		10,941.64	5.90	168	167.0	-13	-14.0	26			HM		
2		9,926.45	4.00	168	168.0	-13	-14.0	27			HM		
3		12,018.05	9.00	176	177.0	-13	-14.0	27			HM		
4		12,555.52	7.29	166	167.0	-13	-14.0	29			AJB		
5		11,179.07	7.24	166	167.0	-13	-14.0	30			AB		
6		10,369.74	5.86	165	168.0	-14	-14.0	31			AB		
7		12,593.55	9.00	166	169.0	-13	-14.0	29			HM		
8		10,361.40	5.98	158	159.0	-14	-14.0	28			DJ		
9		9,892.64	8.88	168	170.0	-14	-14.0	27			DJ		
10		8,636.31	4.57	158	161.0	-11	-14.0	27			DJ		
11		8,421.83	4.60	156	158.0	-10	-14.0	27			HM		
12		13,625.95	10.62	155	158.0	-14	-14.0	27			SL		
13		15,424.14	10.81	164	166.0	-13	-14.0	31			HM		
14		16,310.31	11.62	168	167.0	-14	-14.0	32			HM		
15		12,268.76	10.98	160	162.0	-13	-14.0	33			BJ		
16		6,327.02	6.02	155	159.0	-14	-14.0	30			BJ		
17		4,592.57	1.79	165	169.0	-14	-14.0	29			BJ		
18		9,841.50	8.12	166	168.0	-13	-14.0	31			DJ		
19		10,165.21	8.05	168	167.0	-13	-14.0	35			DJ		
20		12,496.52	8.67	169	174.0	-13	-13.0	24			DJ		
21		12,189.50	8.43	152	155.0	-13	-13.0	37			DJ		
22		11,667.38	8.43	172	171.0	-13	-13.0	36			HM		
23		14,670.95	10.62	168	169.0	-13	-13.0	36			HM		
24		13,179.67	10.48	172	171.0	-13	-13.0	32			HM		
25		11,992.98	7.69	171	176.0	-13	-14.0	30			AJB		
26		11,027.86	9.64	173	176.0	-13	-14.0	32			AJB		
27		7,601.50	6.33	175	178.0	-13	-14.0	29			BJ		
28		9,192.40	3.95	167	170.0	-13	-14.0	28			BJ		
29		7,374.83	5.81	162	163.0	-13	-14.0	28			AJB		
30		9,625.93	8.93	177	177.0	-13	-13.0	31			AJB		
31													