Facility Well Name Oxy #9 **UIC Permit #** KS-01-173-008 **Month** June **Year** 2019

Submitted 07/31/2019 **Approved** 08/23/2019 **KOLAR Document ID** 1467359

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 30

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	9,180	6.65	166	166	-12.3	-12.2	28
Monthly Maximum	12,111	9.88	197	198	-10.0	-10.0	28
Monthly Minimum	4,735	3.71	160	154	-13.0	-13.0	28
Monthly Total	275,399						28

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
204.40	1.10	1.20	-13.90

Comments:

To protect the annulus oil transmitter gauge while adding annulus oil to DW No. 9 on 06/10/2019, the gauge was isolated from the annulus system. As a result, the annulus oil dropped below 130 on the transmitter gauge during this time.

Oxy #9 06/2019

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	9,829.21	6.57	170	170.0	-13	-13.0	22			JK		
2	06:50	7,611.24	5.74	168	163.0	-12	-12.0	18			JK		
3	06:50	6,933.17	5.67	161	165.0	-13	-13.0	16			BJ		
4	07:07	5,806.40	9.36	164	169.0	-11	-12.0	16			BJ		
5	06:57	6,149.05	4.17	161	165.0	-13	-13.0	16			BJ		
6	06:50	11,589.40	5.17	162	164.0	-12	-13.0	16			BJ		
7	07:02	11,363.81	8.98	169	166.0	-13	-12.0	17			AJB		
8	06:57	7,937.74	6.67	166	169.0	-13	-12.0	16			AJB		
9	07:01	7,168.98	7.00	168	167.0	-13	-12.0	16			AJB		
10	06:55	4,734.57	4.07	170	171.0	-13	-13.0	13	Annulus Oil	28	JK		
11	06:51	7,175.71	7.00	170	168.0	-12	-13.0	27			JK		
12	06:50	10,903.10	6.50	162	162.0	-13	-13.0	27			JK		
13	06:50	11,514.36	6.43	160	154.0	-13	-13.0	28			JK		
14	07:00	12,028.12	9.26	162	161.0	-13	-13.0	28			HM		
15	07:00	8,072.62	5.64	161	160.0	-13	-12.0	26			HM		
16	07:10	9,939.76	7.86	166	165.0	-11	-11.0	26			HM		
17	06:57	10,429.12	6.36	166	164.0	-13	-12.0	24			AJB		
18	06:56	10,178.43	7.60	160	161.0	-13	-12.0	24			AJB		
19	06:59	8,687.86	3.71	164	166.0	-13	-12.0	24			AJB		
20	07:24	9,976.26	4.67	160	163.0	-12	-12.0	25			AJB		
21	07:07	10,030.52	6.00	197	198.0	-13	-13.0	28			TGZ		
22	06:50	9,157.57	6.90	160	162.0	-11	-12.0	25			TGZ		
23	07:10	11,741.10	7.43	165	167.0	-11	-11.0	25			TGZ		
24	07:01	9,752.19	6.60	167	166.0	-12	-12.0	24			HM		
25	06:50	12,111.24	9.88	163	166.0	-12	-11.0	25			HM		
26	06:50	11,926.55	7.24	167	167.0	-12	-11.0	24			HM		
27	06:58	9,760.60	8.17	165	167.0	-13	-12.0	25			HM		
28	06:50	8,066.52	8.17	165	169.0	-10	-10.0	23			BJ		
29	06:50	6,653.76	6.19	169	170.0	-12	-13.0	22			BJ		
30	07:00	8,169.95	4.45	166	169.0	-12	-12.0	21			BJ		