Facility Well Name Oxy #9 **UIC Permit #** KS-01-173-008 **Month** June **Year** 2021

Submitted 08/03/2021 **Approved** 08/09/2021 **KOLAR Document ID** 1584299

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	10,473	7.87	169	168	-9.6	-9.9	21
Monthly Maximum	14,143	12.71	198	197	-1.0	-5.0	22
Monthly Minimum	4,047	0.00	132	131	-15.0	-13.0	20
Monthly Total	314,178						42

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
213.70	2.00	2.20	-13.10

Comments:

The annulus pressure and level on DW No. 9 rose rapidly on 6/23/2021 due to hot wastewater being injected into the injection string. The well was shut-in and the pressure was relieved from the annulus pressure tank and transmitter.

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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	06:59	12,598.38	8.90	164	163.0	-9	-9.0	32			DT		
2	06:50	10,451.17	5.12	178	176.0	-11	-11.0	34			DT		
3	06:50	12,934.50	8.57	198	197.0	-12	-11.0	35			DT		
4	07:10	12,988.55	12.71	158	157.0	-12	-11.0	35			KG		
5	07:09	14,142.88	9.64	153	152.0	-12	-12.0	30			KG		
6	07:09	11,103.12	9.81	170	171.0	-12	-13.0	33			KG		
7	06:50	11,810.57	10.19	150	152.0	-12	-12.0	32			JR		
8	07:03	12,089.79	6.29	190	190.0	-8	-8.0	35			JR		
9	07:17	8,094.45	10.19	172	172.0	-12	-12.0	32			JR		
10	06:50	10,457.40	8.83	174	174.0	-10	-10.0	35			JR		
11	07:06	9,815.95	7.21	174	173.0	-10	-10.0	35			DT		
12	10:54	11,670.88	8.14	192	190.0	-12	-12.0	35			DT		
13	06:50	13,960.14	12.00	192	190.0	-10	-10.0	35			DT		
14	06:50	12,748.81	9.67	160	161.0	-9	-9.0	36			CV		
15	07:15	11,264.88	8.57	168	168.0	-9	-9.0	36			CV		
16	07:10	11,689.62	12.36	164	162.0	-9	-9.0	34			CV		
17	07:06	9,811.62	8.86	162	162.0	-13	-12.0	34			CV		
18	06:53	6,263.62	4.07	156	155.0	-10	-10.0	33			HM		
19	06:55	6,117.71	3.33	160	158.0	-7	-7.0	33			HM		
20	07:00	7,430.05	2.93	176	174.0	-10	-9.0	32			HM		
21	07:10	10,015.31	7.00	168	167.0	-10	-10.0	28			HM		
22	06:50	10,130.81	4.17	180	177.0	-5	-5.0	30			JR		
23	06:50	9,094.88	8.81	170	167.0	-4	-10.0	35			AJB		
24	07:08	4,046.90	0.00	132	131.0	-1	-5.0	35	Annulus Oil	20	SL		
25	07:10	6,713.21	2.05	164	164.0	-8	-11.0	22			BJ		
26	06:55	12,864.88	11.67	172	172.0	-15	-12.0	22			HM		
27	07:07	9,617.98	10.12	160	159.0	-10	-11.0	22			HM		
28	07:13	10,157.64	10.10	162	160.0	-10	-10.0	17			HM		
29	07:06	11,720.93	8.07	176	175.0	-12	-12.0	12	Annulus Oil	22	HM		
30	07:10	12,371.26	6.81	180	179.0	-5	-5.0	20			HM		
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