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

Submitted 12/04/2019 **Approved** 12/20/2019 **KOLAR Document ID** 1484536

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	3,182	7.43	165	166	-12.0	-13.9	
Monthly Maximum	5,600	9.29	174	175	-5.0	-7.0	
Monthly Minimum	1,891	4.76	150	151	-14.0	-16.0	
Monthly Total	98,655						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
191.30	0.20	-0.20	-16.40

Comments:

Annulus oil was not added to the DW No. 10 seal pot in October 2019. See full report for details on an annulus valve replacement on 10/02/19 and an unplanned power outage on 10/16/19. KDHE granted a one week extension on the report submittal deadline.

Oxy #10 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	3,211.69	7.38	167	164.0	-10	-11.0	28			ABJ		
2	07:06	3,244.52	6.88	160	162.0	-8	-9.0	28			ABJ		
3	06:50	2,508.05	4.76	164	165.0	-14	-15.0	25			ABJ		
4	07:03	2,071.38	5.12	167	167.0	-13	-16.0	24			SL		
5	07:00	2,446.26	5.83	168	170.0	-13	-16.0	25			SL		
6	07:03	2,470.60	5.79	166	168.0	-13	-16.0	23			SL		
7	08:01	3,185.95	7.67	168	169.0	-13	-16.0	25			HM		
8	07:00	3,225.50	7.90	170	169.0	-13	-16.0	25			HM		
9	07:08	3,291.45	7.60	164	169.0	-13	-16.0	25			HM		
10	07:05	5,600.33	8.69	168	169.0	-13	-15.0	25			HM		
11	07:03	3,536.02	7.93	167	172.0	-5	-7.0	22			BJ		
12	07:05	3,117.90	7.29	170	173.0	-13	-16.0	22			BJ		
13	07:06	3,124.24	7.31	169	173.0	-14	-16.0	23			BJ		
14	07:00	3,470.02	8.02	172	173.0	-10	-12.0	25			DT		
15	07:10	3,208.33	7.43	174	174.0	-13	-16.0	24			DT		
16	06:50	1,891.05		170	175.0			25			DT		
17	07:10	3,055.67	7.14	172	175.0	-13	-14.0	25			DT		
18	07:02	2,928.14	6.93	158	159.0	-7	-7.0	25			HM		
19	06:52	3,310.71	7.60	160	159.0	-12	-15.0	25			HM		
20	06:50	3,236.83	7.95	150	151.0	-13	-12.0	25			HM		
21	06:51	3,844.88	9.29	162	161.0	-13	-15.0	28			BJ		
22	07:01	3,468.83	8.50	160	162.0	-9	-11.0	24			BJ		
23	06:55	3,225.57	7.26	160	162.0	-14	-16.0	25			BJ		
24	06:58	3,404.71	8.26	157	160.0	-14	-16.0	25			BJ		
25	06:50	3,225.00	7.86	160	163.0	-13	-16.0	23			AJB		
26	07:10	3,412.24	7.88	158	156.0	-13	-14.0	25			AJB		
27	07:24	3,511.74	7.83	158	156.0	-13	-14.0	25			AJB		
28	06:50	3,070.93	7.52	164	169.0	-12	-14.0	21			BJ		
29	06:57	3,056.43	7.38	166	171.0	-14	-16.0	13			BJ		
30	06:51	3,048.83	7.79	169	169.0	-8	-10.0	21			BJ		
31	06:55	3,251.33	8.00	166	171.0	-13	-15.0	20			BJ		