Facility Well Name Sunflower (Fort Dodge) #1 **UIC Permit #** KS-01-057-003 **Month** January **Year** 2019

Submitted 03/21/2019 **Approved** 05/15/2019 **KOLAR Document ID** 1439753

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 0

Barrels per Day Maximum: 20,571

	Injection Volume Barrels per Day	Injection Rate Barrels per Minute	Annulus Pressure psig min 60 Gauge psig	Annulus Pressure Cont. Record psig	Injection Pressure Gauge psig	Injection Pressure Cont. Record psig	Amount Added to Seal Pot
Monthly Average	0	0.00	187	179	-1.5	-0.9	
Monthly Maximum	0	0.00	194	184	-1.0	0.2	
Monthly Minimum	0	0.00	182	175	-2.0	-2.4	
Monthly Total	0						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
184.08	173.89	0.33	-2.39

Comments:

The actual injection rate (gpm) reading showed negative values throughout the month when the injection well had no flow and was recorded as negative, but changed to 0 for the report to indicate no flow at that time.

Sunflower (Fort Dodge) #1 01/2019

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	08:20	0.00	0.00	186	177.9	-2	-2.4	37			KC		
2	08:15	0.00	0.00	185	176.9	-2	-2.1	37			KC		
3	08:05	0.00	0.00	184	175.7	-2	-1.8	37			KC		
4	08:28	0.00	0.00	182	174.6	-2	-1.6	37			KC		
5	08:08	0.00	0.00	182	174.9	-2	-1.6	37			KK		
6	08:45	0.00	0.00	183	175.3	-2	-1.2	37			KK		
7	08:16	0.00	0.00	184	175.7	-2	-1.3	37			KK		
8	08:21	0.00	0.00	184	175.6	-2	-1.6	37			KK		
9	08:18	0.00	0.00	184	175.9	-2	-1.7	37			KK		
10	08:19	0.00	0.00	184	176.6	-2	-1.2	37			KK		
11	07:53	0.00	0.00	185	175.9	-2	-1.0	37			DA		
12	09:19	0.00	0.00	185	176.5	-2	-1.1	37			LF		
13	09:07	0.00	0.00	186	177.5	-2	-1.2	37			LF		
14	08:18	0.00	0.00	187	178.4	-2	-1.1	37			LF		
15	08:06	0.00	0.00	187	178.8	-1	-0.8	37			LF		
16	08:22	0.00	0.00	188	178.8	-1	-1.7	37			LF		
17	08:05	0.00	0.00	188	178.5	-1	-0.7	37			LF		
18	08:13	0.00	0.00	188	178.3	-1	-0.2	37			LF		
19	09:39	0.00	0.00	187	177.9	-1	-0.7	37			KC		
20	09:21	0.00	0.00	185	177.6	-1	-0.5	37			KC		
21	08:11	0.00	0.00	188	178.6	-1	-0.1	37			KC		
22	08:24	0.00	0.00	188	179.5	-1	-0.2	37			KC		
23	07:55	0.00	0.00	189	180.0	-1	-0.3	37			KC		
24	08:29	0.00	0.00	190	180.9	-1	-0.3	37			LF		
25	07:50	0.00	0.00	192	181.7	-1	-0.3	37			DA		
26	09:07	0.00	0.00	191	182.3	-1	-0.2	37			DA		
27	08:22	0.00	0.00	192	182.6	-1	-0.1	37			DA		
28	08:17	0.00	0.00	192	183.1	-1	0.0	37			KK		
29	07:54	0.00	0.00	192	183.3	-1	-0.5	37			DA		
30	08:55	0.00	0.00	193	183.5	-1	-0.1	37			DA		
31	08:02	0.00	0.00	194	183.7	-1	0.2	37			DA		