Facility Well Name Redbarn #1 **UIC Permit #** KS-01-009-001 **Month** January **Year** 2021

Submitted 03/02/2021 **Approved** 03/17/2021 **KOLAR Document ID** 1562499

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 22

Barrels per Day Maximum: 35,714

			Annulus Pressure psig min 60		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	1,314	6.32	111	110	-13.9	-13.7	0
Monthly Maximum	2,247	9.64	120	119	-10.0	-10.9	0
Monthly Minimum	0	0.00	100	99	-17.0	-16.9	0
Monthly Total	40,735						0

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
119.29	95.32	-8.67	-18.95

Comments:

Redbarn #1 01/2021

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	08:00	1,763.90	9.14	115	114.0	-12	-11.0	33	N/A	0	NR		
2	08:00	1,632.79	8.26	115	113.5	-14	-14.9	33	N/A	0	NR		
3	09:30	1,692.24	8.45	115	115.1	-13	-12.9	33	N/A	0	NR		
4	08:00	0.00	0.00	115	113.5	-11	-12.7	33	N/A	0	NR		
5	08:30	0.00	0.00	110	111.1	-12	-11.4	33	N/A	0	NR		
6	10:00	0.00	0.00	110	108.9	-10	-12.0	33	N/A	0	NR		
7	10:30	0.00	0.00	110	109.5	-12	-13.7	33	N/A	0	NR		
8	09:00	0.00	0.00	110	108.0	-14	-13.7	33	N/A	0	NR		
9	09:30	1,398.43	7.19	110	109.4	-16	-14.5	33	N/A	0	NR		
10	08:00	1,628.26	8.19	105	106.7	-15	-14.2	33	N/A	0	NR		
11	10:00	1,763.93	8.67	105	104.8	-16	-15.1	32	N/A	0	NR		
12	11:00	1,688.40	9.21	105	107.1	-13	-12.8	32	N/A	0	NR		
13	10:30	1,608.26	8.81	105	103.1	-14	-13.4	32	N/A	0	NR		
14	08:30	1,804.45	9.00	100	102.1	-15	-14.7	32	N/A	0	NR		
15	09:30	1,939.81	9.57	120	119.1	-17	-16.4	32	N/A	0	NR		
16	09:30	1,858.93	9.26	120	118.3	-15	-14.8	32	N/A	0	NR		
17	10:00	1,961.29	8.93	120	117.9	-17	-15.8	32	N/A	0	NR		
18	11:00	2,105.64	9.55	120	108.0	-16	-15.7	32	N/A	0	NR		
19	09:30	2,178.81	9.64	115	117.1	-14	-13.5	32	N/A	0	NR		
20	10:00	1,887.71	8.90	115	113.1	-12	-11.6	32	N/A	0	NR		
21	11:00	2,035.64	9.10	115	112.9	-17	-16.9	32	N/A	0	NR		
22	09:30	1,973.24	7.52	115	114.4	-16	-14.9	33	N/A	0	NR		
23	10:00	2,130.86	9.14	110	112.1	-15	-14.5	33	N/A	0	NR		
24	09:30	2,247.26	9.57	110	112.6	-16	-15.6	33	N/A	0	NR		
25	11:00	0.00	0.00	110	110.1	-14	-12.7	33	N/A	0	NR		
26	09:30	0.00	0.00	110	108.4	-12	-11.1	33	N/A	0	NR		
27	08:30	0.00	0.00	110	110.1	-14	-13.8	33	N/A	0	NR		
28	09:00	0.00	0.00	110	108.4	-12	-11.5	33	N/A	0	NR		
29	10:00	1,622.00	9.17	110	111.1	-13	-13.4	33	N/A	0	NR		
30	11:00	1,770.98	9.05	100	99.9	-11	-10.9	33	N/A	0	NR		
31	09:30	2,042.10	9.55	100	98.8	-14	-13.9	33	N/A	0	NR		

Redbarn #1 01/2021

Weekly Injectate Samples

Kansas Lab Certificate Number E-10146

Week	**Temperature**		**pH**		**Chloride**				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1									
2	86.55	01/13/2021	7.75	01/13/2021	744.0	01/13/2021	01/15/2021		
3	78.01	01/19/2021	8.51	01/19/2021	8.0	01/19/2021	01/26/2021		
4									
5									

No monthly injectate samples required.