Facility Well Name Redbarn #1 **UIC Permit #** KS-01-009-001 **Month** August **Year** 2020

Submitted 10/01/2020 **Approved** 10/05/2020 **KOLAR Document ID** 1531833

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 26

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	1,732	7.87	109	111	-12.6	-15.8	0
Monthly Maximum	2,375	9.88	120	122	-10.0	-13.0	0
Monthly Minimum	0	0.00	95	96	-15.0	-19.8	0
Monthly Total	53,689						0

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
124.21	93.02	-11.65	-20.34

Comments:

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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	11:00	2,105.57	9.88	115	116.7	-12	-15.1	33	N/A	0	NR		
2	12:00	2,240.81	9.57	115	115.3	-14	-14.7	33	N/A	0	NR		
3	09:00	2,106.33	9.21	115	117.7	-11	-14.9	33	N/A	0	NR		
4	11:00	1,715.33	9.76	110	114.7	-13	-16.6	32	N/A	0	NR		
5	10:00	2,005.83	9.57	110	113.4	-14	-17.9	32	N/A	0	NR		
6	10:00	1,896.52	9.79	110	112.4	-12	-15.8	32	N/A	0	NR		
7	09:00	2,023.50	9.21	110	114.5	-14	-16.9	32	N/A	0	NR		
8	11:00	2,254.21	9.50	110	112.2	-15	-17.4	32	N/A	0	NR		
9	10:00	0.00	0.00	115	116.0	-11	-14.5	32	N/A	0	NR		
10	09:00	0.00	0.00	115	117.8	-15	-18.3	32	N/A	0	NR		
11	08:00	0.00	0.00	110	111.4	-10	-13.4	32	N/A	0	NR		
12	09:00	0.00	0.00	110	112.7	-11	-14.1	32	N/A	0	NR		
13	12:00	0.00	0.00	105	107.3	-13	-15.7	32	N/A	0	NR		
14	10:00	1,846.33	9.57	105	106.5	-11	-16.4	32	N/A	0	NR		
15	11:00	2,034.95	9.24	105	107.9	-14	-17.4	33	N/A	0	NR		
16	11:00	1,676.19	9.29	105	109.7	-11	-13.2	33	N/A	0	NR		
17	09:00	1,943.69	9.14	105	106.7	-14	-17.8	33	N/A	0	NR		
18	10:00	1,796.33	9.50	105	108.8	-15	-19.8	33	N/A	0	NR		
19	08:00	2,065.19	9.64	100	103.6	-11	-14.4	33	N/A	0	NR		
20	09:00	2,373.86	9.24	100	102.4	-12	-15.3	33	N/A	0	NR		
21	11:00	2,248.67	9.57	100	103.0	-15	-17.3	33	N/A	0	NR		
22	12:00	2,336.60	9.07	100	101.1	-12	-16.5	33	N/A	0	NR		
23	09:00	2,035.14	8.45	95	97.6	-10	-14.1	33	N/A	0	NR		
24	09:00	2,374.90	9.79	95	96.4	-14	-15.4	33	N/A	0	NR		
25	10:00	2,106.26	9.57	95	97.2	-11	-13.0	33	N/A	0	NR		
26	11:00	2,240.76	9.21	120	121.0	-12	-13.6	33	N/A	0	NR		
27	12:00	1,777.50	9.24	120	122.0	-15	-17.4	33	N/A	0	NR		
28	09:00	2,039.76	9.55	120	121.7	-12	-16.2	33	N/A	0	NR		
29	10:00	2,172.00	8.93	115	116.2	-10	-13.8	33	N/A	0	NR		
30	09:00	2,309.62	9.48	115	117.0	-14	-16.4	33	N/A	0	NR		
31	11:00	1,962.79	8.98	115	116.1	-13	-15.1	33	N/A	0	NR		

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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	74.60	08/05/2020	7.05	08/05/2020	224.0	08/05/2020	08/08/2020		
2	97.60	08/19/2020	7.03	08/19/2020	251.0	08/19/2020	08/21/2020		
3	84.13	08/26/2020	7.02	08/26/2020	215.0	08/26/2020	09/03/2020		
4									
5									

No monthly injectate samples required.