Facility Well Name Enterprise #1 **UIC Permit #** KS-01-155-008 **Month** May **Year** 2019

Submitted 06/05/2019 **Approved** 06/07/2019 **KOLAR Document ID** 1462245

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 16

Barrels per Day Maximum: 30,000

			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	10,149	7.22	92	93	-9.5	-9.5	82
Monthly Maximum	29,467	20.74	117	117	-5.0	-5.0	82
Monthly Minimum	0	0.00	69	69	-14.0	-14.0	82
Monthly Total	314,626						82

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
126.00	50.00	-5.00	-14.00

Comments:

On May 22nd we reported that the annulus pressure went down to 50 lbs. Our minimum annulus pressure is 60 lbs.

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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	00:01	0.00	0.00	93	96.0	-12	-12.0	28			CN		
2	00:00	0.00	0.00	94	94.0	-11	-11.0	28			CN		
3	00:00	0.00	0.00	93	93.0	-12	-12.0	28			PB		
4	00:00	0.00	0.00	94	94.0	-11	-11.0	28			CN		
5	00:00	0.00	0.00	95	95.0	-11	-11.0	28			CN		
6	00:00	17,222.00	18.76	73	73.0	-10	-10.0	11			CN		
7	00:00	28,355.00	20.74	78	78.0	-11	-11.0	11			JH		
8	00:00	28,598.00	15.71	69	69.0	-11	-11.0	8			JH		
9	00:00	23,000.00	11.55	72	72.0	-13	-13.0	2			JH		
10	00:00	6,989.00	5.52	81	81.0	-13	-13.0	48	diesel	82	BW		
11	00:00	1,438.00	0.00	114	114.0	-5	-5.0	59			BW		
12	00:00	0.00	0.00	108	108.0	-5	-5.0	64			BW		
13	00:00	0.00	0.00	117	117.0	-5	-5.0	66			BW		
14	00:00	0.00	0.00	106	106.0	-5	-5.0	66			JF		
15	00:00	0.00	0.00	107	107.0	-5	-5.0	66			JF		
16	00:00	0.00	0.00	108	108.0	-5	-5.0	66			JF		
17	00:00	0.00	0.00	108	108.0	-5	-5.0	66			JH		
18	00:00	0.00	0.00	102	102.0	-5	-5.0	66			TDH		
19	00:00	0.00	0.00	102	102.0	-5	-5.0	66			TDH		
20	00:00	0.00	0.00	99	99.0	-5	-5.0	66			TDH		
21	00:00	0.00	0.00	100	100.0	-5	-5.0	66			BW		
22	00:00	9,776.00	13.81	70	70.0	-12	-12.0	52			BW		
23	00:00	19,446.00	13.60	74	74.0	-12	-12.0	52			JF		
24	00:00	26,517.00	18.64	73	73.0	-13	-13.0	53			CN		
25	00:00	20,204.00	10.60	79	79.0	-13	-13.0	53			CN		
26	00:00	22,106.00	18.93	85	85.0	-11	-11.0	58			CN		
27	00:00	29,467.00	19.24	96	96.0	-11	-11.0	61			CN		
28	00:00	28,310.00	20.00	105	105.0	-13	-13.0	63			TDH		
29	00:00	24,052.00	16.67	80	80.0	-13	-13.0	57			TDH		
30	00:00	26,305.00	19.95	84	84.0	-13	-13.0	58			TDH		
31	00:00	2,841.00	0.00	107	107.0	-14	-14.0	66			JH		

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Weekly Injectate Samples

Kansas Lab Certificate Number 1155008

Week	Temperature		pH		Chloride				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1									
2	68.72	05/07/2019	7.01	05/07/2019	199,900.0	05/07/2019	05/15/2019		
3									
4	65.30	05/22/2019	6.87	05/22/2019	197,400.0	05/22/2019	05/24/2019		
5	71.96	05/28/2019	7.45	05/28/2019	197,400.0	05/28/2019	05/29/2019		

No monthly injectate samples required.

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Quarterly Injectate Samples

Quarter 2
Date Sample Collected 05/07/2019
Kansas Lab Certificate Number 1155008
Lab Name

These samples shall be representative of injection activity and shall therefore be collected on days of injection.

Constituent	Value	Units
Arsenic	<0.100	mg/l
Benzene	0.022	mg/l
Calcium	1,440.000	mg/l
Conductivity	542,500.000	Mmhos
Ethylbenzene	<0.001	mg/l
Iron	0.860	mg/l
Magnesium	426.000	mg/l
Sulfate	3,940.000	mg/l
Toluene	0.003	mg/l
Total Dissolved Solids	297,800.000	mg/l
Total Hardness as CaCO3	5,350.000	mg/l
Xylene	<0.003	mg/l