Pressure Data:

<u>9/15/2023 @ 6PM</u>

7B Tubing Press = 70.5 psig 7B Annulus Press = 396.1 psig Downhole Pressure in 7B Tubing = 1419 psig 7B Brine Injection Rate = 315.7 GPM 6X Annulus Press = 180.2 psig PPG 2 Tubing Pressure = 249.5 psig PPG 2 Annulus Press = 839.0 psig PPG 4 Tubing Pressure = 248.3 psig PPG 4 Annulus Press = 263.0 psig 9/16/2023 @ 4AM 7B Tubing Press = 71.9 psig 7B Annulus Press = 427.5 psig Downhole Pressure in 7B Tubing = 1420 psig 7B Brine Injection Rate = 316.8 GPM 6X Annulus Press = 180.0 psig PPG 2 Tubing Pressure = 249.8 psig PPG 2 Annulus Press = 839.3 psig PPG 4 Tubing Pressure = 248.5 psig PPG 4 Annulus Press = 263.0 psig

Site Observations:

- Exploring options to excavate around the unknown object W of #7's well pad. This is considered wetlands so that will be evaluated first.

-ERM will be on site Monday to collect sample the gas on PPG 2 annulus when Westlake bleeds the pressure off.

-central lake water profile attached.

Operational Notes:

-Surface Seismic:

-Seismic vendor has completed all 5 stations. System should be operations by end of next week. MEQ will then submit updated seismic monitoring plan. Note, the existing equipment will remain in place until new system is active.

Gas removal or oil withdrawal:

-No gas has been bled off any wells in the last 24 hours

-Westlake operations attempted oil withdrawal from #7 to frac tank. Note: reminder volume removed is measured by truck loading, not enough oil at this time for a truck load. -6X Depressurization:

-Lonquist to provide proposal and procedure to perform this work via a snubbing rig. Expected by 9-25.

-3D Seismic:

-Caprock and salt contour maps for the whole dome will be completed by end of month. Lonquist will be submitting formal request for extension to complete the final report by 9-18. -Monitoring wells:

-ERM is working with Lonquist to get UIC-25 submitted.

-PPG 20 Inactive Letter:

-Lonquist is working Westlake to answer questions before finalizing the letter -Sub-surface Seismic:

-Equipment is being ordered. We are still on track for installation in early 2024. -Geo-mechanical Studies:

-Respec to submit scope and priority list by end of next week.



Date: 1-15-23

Sulphur Field Observation Daily Report (Dayshift)

11525	1				
e 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
e 1 (E of #22 BW)		Morning	Afternoon		V
02		20.9	20.0		
H2S/Methane		0	0		
-		0.0	0.0		
H2s		0.0	0.0	1	
PID (VOC)		0.0	010	_) 	\sim
ite 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Buildling - n change in intensity
tte 5 feennar annet		Morning	Afternoon	-	
02	2	20.9	2019	-	
Methan	е	0	0		
H2	\$	0.0	0.0		
		QD	0.0		-
PID (VOC	-1	Ligno			
Site 4 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in Intensity
Site 4 (central cane)		Morning	Afternoon		
c	02	20.9	21.0		
Metha	ne	0	0		
	2s	00	0.0		
		0.0	0.0	100	
PID (VO		1_10-12			$\neg \land$
Site 5 (Central Lake)	(Circle One	e) More Intense	Less Intense	No Bubble:	Bubbling - no change in intensity
		Morning	Afternoon		6
	02	20,7	21.0	_	
Metha	ine	0	0	_	
1	H2s	D.D	0.0		
PID (V	DC)	0.0	0.0		
				No Bubble	Bubbling - n es change in
Site 6 (Central Lake)	(Circle Or	e) More Intense	Less Intense		intensity
lance a feature and a		Morning			
	02	20.7	21.0		
Meth	iane	0	0		
	H2s	0.2	0.0		
PID (\	/OC)	0.0	0.0		
	-				
Site 7 (Central Lake)	(Circle O	ne) More Intense		No Bubb	Bubpling - r les change in intensity
A.z		Mornin			
		1 1 0 9	21.0		
	02	60.1	0.7		
Met	O2 hane	0	0		
Met		0.0			

Site 8 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in intensity
	M	Morning	Afternoon		
02		20.9	2019		
Methane		0	Ð		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		
				\sim	
Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in lintensity
		Morning	Afternoon		
02		20.4	21.0		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		
			- <u>1</u>		1
Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	NoBubbles	Bubbling - no change in intensity
		Morning	Afternoon	-	
02		10.0	10.4		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		
Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon	_	
02		20.1	20.9		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.17		
					Bubbling - no
Site 14 (Central Lake)	(Circle One)	More Intense	Less Intense		change in intensity
Site 14 (Central Lake)	(Circle One)	More Intense	Less Intense Afternoon		change in
Site 14 (Central Lake)	(Circle One)			No Bubbles	change in
	(Circle One)			No Bubbles	change in
O2 Methane	(Circle One)	Morning 10.9	Afternoon	No Bubbles	change in
O2 Methane H2s	(Circle One)		Afternoon		change in
O2 Methane	(Circle One)	Morning 10.9	Afternoon	No Bubbles	change in
O2 Methane H2s PiD (VOC)	(Circle One) (Circle One)	Morning 10.9	Afternoon	No Bubbles	change in intensity Bubbling - no change in
O2 Methane H2s PiD (VOC)		Morning 20.9 0 0.0 0.0	Afternoon 20,9 0,0 0,0 0,0		change in intensity Bubbling - no
O2 Methane H2s PiD (VOC)		Morning , 10.9 Q.O Q.O O.O More Intense	Afternoon 20,9 0,0 0,0 0,0 Less Intense		change in intensity Bubbling - no change in
O2 Methane H2s PID (VOC) Site 17 (Central Lake)		Morning , 10.9 Q.O Q.O O.O More Intense	Afternoon 20,9 0,0 0,0 0,0 Less Intense		change in intensity Bubbfing - no change in
O2 Methane H2s PID (VOC) Site 17 (Central Lake) O2		Morning , 10.9 Q.O Q.O O.O More Intense	Afternoon 20,9 0,0 0,0 0,0 Less Intense		change in intensity Bubbfing - no change in
O2 Methane H2s PID (VOC) Site 17 (Central Lake) O2 Methane		Morning 20.9 0 0.0 0.0 More Intense Morning 20.9 0	Afternoon 20,9 0,0 0,0 0,0 Less Intense		change in intensity Bubbling - no change in
O2 Methane H2s PID (VOC) 5/te 17 (Central Lake) O2 Methane H2s		Morning 20.9 0 0,0 0,0 More Intense Morning 20.9 0 0	Afternoon 20,9 0,0 0,0 0,0 Less Intense		change in intensity Bubbling - no change in intensity
O2 Methane H2s PID (VOC) Site 17 (Central Lake) O2 Methane H2s PID (VOC)		Morning 20.9 0.0 0.0 More Intense Morning 20.9 0 0.0 0.0 More Intense	Afternoon 20,9 0,0 0,0 Less Intense Afternoon 20,9 0 0,0 0,0 0,0 0,0 0,0 0,0 0,		change in intensity Bubbling - no change in
O2 Methane H2s PID (VOC) Site 17 (Central Lake) O2 Methane H2s PID (VOC) Site 18 (Central Lake)	(Circle One)	Morning 20.9 0 0.0 More Intense Morning 20.9 0 0 0.0 0.0	Afternoon 20,9 0,0 0,0 0,0 Less Intense Afternoon 20,9 0,0 0,0 Less Intense Afternoon	No Bubbles	Change in Intensity Bubbling - no change in Intensity
O2 Methane H2s PID (VOC) Site 17 (Central Lake) O2 Methane H2s PID (VOC)	(Circle One)	Morning 20.9 0.0 0.0 More Intense Morning 20.9 0 0.0 0.0 More Intense Morning 20.9	Afternoon 20,9 0,0 0,0 Less Intense Afternoon 20,9 0 0,0 0,0 0,0 0,0 0,0 0,0 0,	No Bubbles	Change in Intensity Bubbling - no change in Intensity
O2 Methane H2s PID (VOC) Site 17 (Central Lake) O2 Methane H2s PID (VOC) Site 18 (Central Lake)	(Circle One)	Morning 20.9 0.0 0.0 More Intense Morning 20.9 0 0.0 0.0 More Intense	Afternoon 20,9 0,0 0,0 Less Intense Afternoon 20,9 0 0,0 0,0 Less Intense Afternoon 2,0,0 0,0 0,0 0,0 0,0 0,0 0,0 0	No Bubbles	Change in Intensity Bubbling - no change in Intensity
O2 Methane H2s PID (VOC) Site 17 (Central Lake) O2 Methane H2s PID (VOC) Site 18 (Central Lake)	(Circle One)	Morning 20.9 0.0 0.0 More Intense Morning 20.9 0 0.0 0.0 More Intense Morning 20.9	Afternoon 20,9 0,0 0,0 Less Intense Afternoon 20,9 0 0,0 0,0 0,0 0,0 0,0 0,0 0,	No Bubbles	Change in Intensity Bubbling - no change in Intensity

Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	change in Intersity		
		Morning	Afternoon	-	T		
02		20.9	20.9		S.		
Methane			0	_			
H2s		0.0	0.0	-			
PID (VOC)		0.0	0.0				
Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling- no change in		
		4			intenjity		
02		Morning 209	Afternoon	-	- T.		
Methane		0	0	-			
H2s		0.0	0.0	-			
PID (VOC)		00	0.0				
			10.0				
Site 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in intensity		
		Morning	Afternoon	_	0		
02		20.9	20.9	4			
Methane		0	0	-			
H2s		0.0	0.0	-			
PID (VOC)		UIP	0.0				
Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in		
		Morning	Afternoon	1	Intensity		
02		20,9	20.9	4			
Methane		0	0	_			
H2s		0.0	0.0	-			
PID (VOC)		0.0	0.0				
Site 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in		
		Morning	Afternoon		intensity		
02		209	20,9				
Methane		0	and a	1			
H2s		0.0	0.0				
PID (VOC)		0.0	0.0				
					Bubbling - no		
Site 19 (#4 BW Pond)	(Circle One)		Less Intense	NoBubbles	change in intensity		
		Morning	Afternoon				
02		21.0	20.9	-			
Methane			0	_			
H2s		0.0	0.0	-			
PID (VOC)		0.0	0.0	_!			
Site 20 (Sheen on Crystal Creek (Big Pond))	(Circle One)	Present	Not Present				
		Morning	Afternoon	1			
		N/A	N/A				
02		dian.		1			
O2 Methane		N/A	N/A	-			
		N/A N/A	N/A N/A	_			

#78 Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no charge in intensity				
		Morning	Afternoon		Intendey				
02	2	21.0	20.9						
Methane		0	0						
H2s	5	0.0	0.0						
PID (VOC)	0.0	0.0						
#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	NeBubbles	Bubbling - no change in Intensity				
		Morning	Afternoon	_					
02	2	21.0	20.9				-		
Methane	2	0	0						
H2:	s	0.0	0.0						
PID (VOC)	0.0	0.0						
#26 Bubble site (Crystal Lake Big Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity				
		Morning	Afternoon		U U				
03	2	20.9	21.0						
Methan	e	0	Ő						
H2	s	0.0	0.0						
PID (VOC		0.0	0.0						
#7 Well Pad Site General Housekeeping] "	Check hoses at e rental pum Check	or leaks or oil/brine each connection fro p to piping tie-in cellar for oil ilhead for leaks	- / / /	/				
New Observation or comments?		took fuel C fuel C	50mPh ell # 1 ell # 2	05 ((7/g full	entval /	ake		Signature:	Мс

	Central Lake Water Column Profile Sulphur Dome - Calcasieu Parish, Louisiana									
	Date:	A REAL PROPERTY AND A REAL	Time:	7:20						
	Depth (ft):			1.10						
		Top (Blue)	Middle (Yellow)	Bottom (Red)						
	pH	8.04	7.96	7.55						
and	SC (uS/cm)		3416	3426						
	ORP (mV)	149	144	- 81						
	Temp (°C)		26.2	262						
	TDS (ppm)		2545	2549						
	Dit									
	Date: Depth (ft):		Time:							
		Top (Blue)	Middle (Yellow)	Bottom (Red)						
	рH									
nd -	SC (uS/cm)									
	ORP (mV)		5							
	Temp (°C)									
	TDS (ppm)									
	Date:		Time:							
	Depth (ft):									
		Top (Blue)	Middle (Yellow)	Bottom (Red)						
	pH									
nd.	SC (uS/cm)									
	ORP (mV)									
	Temp (°C)									
	TDS (ppm)									
	a manager a substant									
	Date:		Time:							
	Depth (ft):									
		Top (Blue)	Middle (Yellow)	Bottom (Red)						
	pH	5								
ond	SC (uS/cm)									
	ORP (mV)									
	Temp (°C)									
	TDS (ppm)									

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Date: 9-15-2023

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Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm -	7pm	8pm	9pm	10pm	11pm	12am	1am	Zam	3am	4am
7b Tubing Pressure	71.2	70.5	71.6	70.9	71.5	71.6	71.4	71.4	72.7	71.9	724	71.9
7b Annulus Pressure	386.2	396.1	406.7-	415.9	423.7	427.1	426.8	LIDID	427.5	427.7	427.9	427.5
7b Injection Rate	316.2	315.7	316.5	316.7	317.0	316.6	315.6	315.6	318.3	317.7	317.4	316.8
7b Downhole Gauge	1419/92	1419/92	1419/92	141992	1419/92	1419/92	1419/92	142092	1420/92	1420/92	1420/93	1420/92
6x Pressure	180.2	180.2	180.2	180.1	180.1	180-1	180.1	1801	180.1	180.1	180.0	180.0
2 Tubing Pressure		249.5										249.8
2 Annulus Pressure		839.0										839.3
4 Tubing Pressure		248.3										248.5
4 Annulus Pressure	12	263.D								1		263.0

100



