### Westlake US 2 Daily Report Date Reported: 11/04/2023

# **Pressure Data:**

#### <u>11/03/2023 @ 6PM</u>

7B Tubing Press = 71.2 psig 7B Annulus Press = 433.6 psig Downhole Pressure in 7B Tubing = 1419 psig 7B Brine Injection Rate = 315.6 GPM 6X Annulus Press = 166.5 psig PPG 2 Tubing Pressure = 257.0 psig PPG 2 Annulus Press = 394.6 psig PPG 4 Tubing Pressure = 254.5 psig PPG 4 Annulus Press = 262.8 psig

# <u>11/04/2023 @ 4AM</u>

7B Tubing Press = 70.7 psig 7B Annulus Press = 432.8 psig Downhole Pressure in 7B Tubing = 1419 psig 7B Brine Injection Rate = 314.9 GPM 6X Annulus Press = 166.2 psig PPG 2 Tubing Pressure = 257.2 psig PPG 2 Annulus Press = 394.9 psig PPG 4 Tubing Pressure = 254.7 psig PPG 4 Annulus Press = 263.2 psig

# Site Observations:

-None

# **Operational Notes:**

-Gas removal or oil withdrawal:

-No gas was removed yesterday.

- No oil was bled from PPG 7 yesterday, volumes will be determined upon sale.

-Monitoring wells:

-Scheduled to start no later than 11/13.

-Sub-surface Seismic:

-Long lead items have been ordered. We are still on track for installation in early 2024. -Geo-mechanical Studies:

-Respec Phase 2 is on-going.

#### -3D Seismic

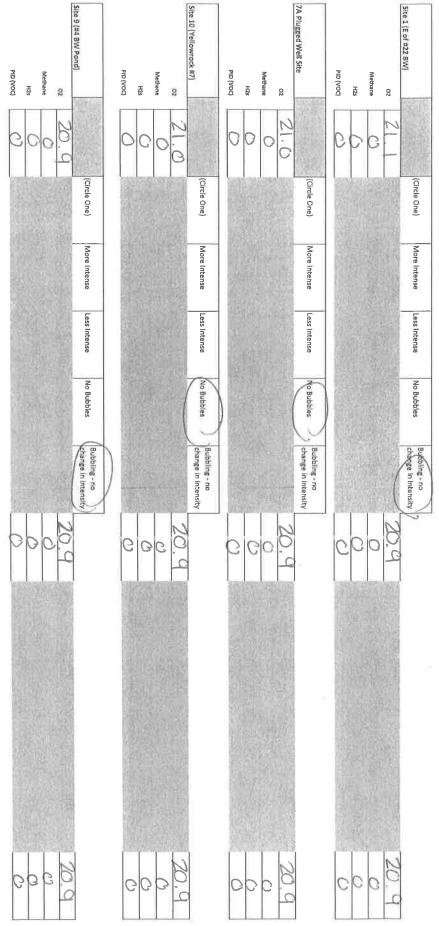
-Top of caprock map was submitted yesterday. Updated spacing map will be submitted on 11/8. Fault plane map with be submitted by Nov 29<sup>th</sup>.

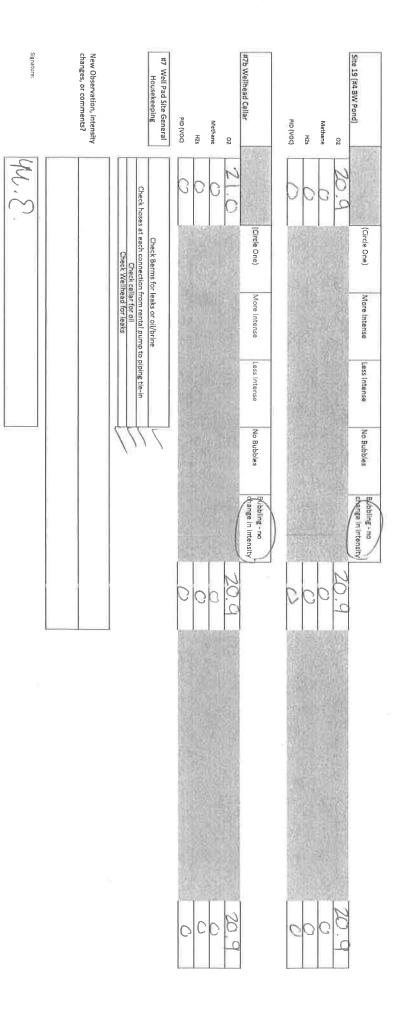


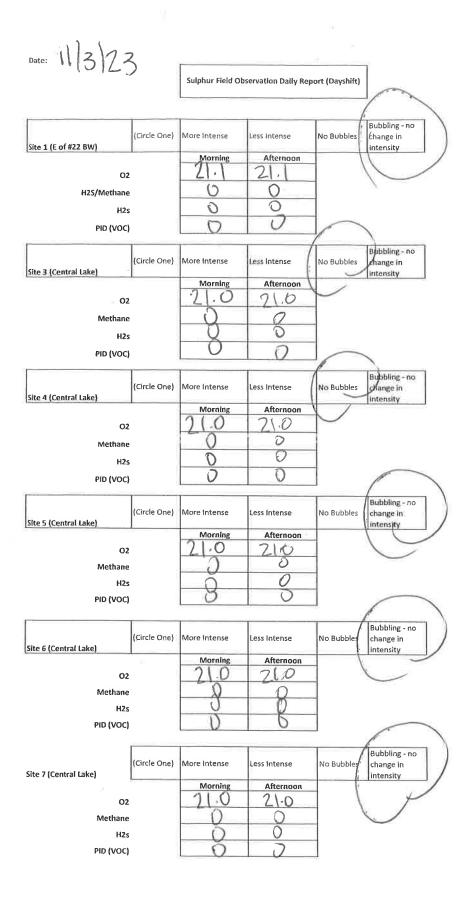
Date: 11/3/23

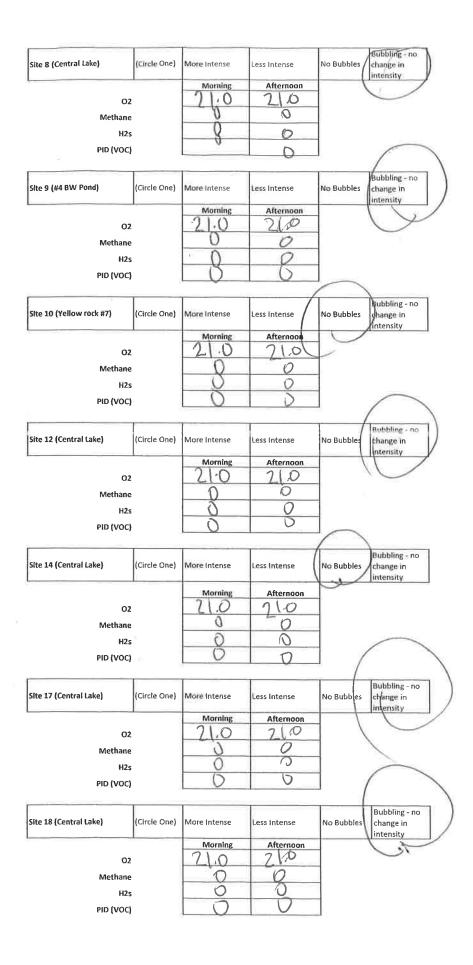
#### Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm -	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am.	4am
7b Tubing Pressure	71.6	71.2	71.3	71.2	71.5	71.5	71.2	71.1	71.2	71.3	71.0	70.7
7b Annulus Pressure	433.8	433.6	433.3	433.2	433.0	433.1	432.9	432.9	433.0	432.9	432.8	432.8
7b Injection Rate	3159	315.6	315.8	316.1	316.4	315.9	316.3	315.5	315.6	315.5	315.0	314.9
	1419/01	1419/91	1419/92	1419/92	1419/92	141962	1419/91	1419/91	1419/91	1419/91	1419/91	1419/92
7b Downhole Gauge	110105	110105	1106.5	100.4	100.4	166.4	166.3	166.3	160.3	166.3	166.3	166.2
6x Pressure	100.5	207 0		10-01-1	[		10	to de tr			100	0570
2 Tubing Pressure		251.0	-									251.2
2 Annulus Pressure		394.6										399.9
4 Tubing Pressure		254.5										254.7
4 Annulus Pressure		262.8										263.2

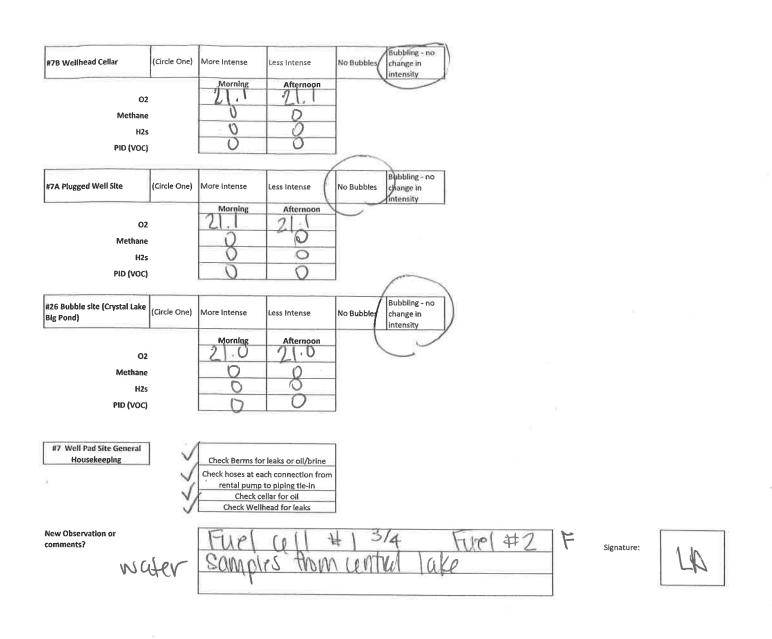








Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense		BebBling \no	K
				1 1	intensity	J.
		Morning 21.0	Afternoon 7.1-0	-	-	22
02		L1.0		-	Δ.	
Methane			- 3			
H2s		- õ	- 8-	-		
PID (VOC)					1	
	1		1	-	Bubbling - no	- ) -
iite 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	change/in intensity	V
		Morning	Afternoon	1 1	$\sim$	
02		21.0	210			
Methane		Q	0			
H2s		0	0	1		
PID (VOC)		Ø	U	]		
				-	Cara	
11- 03 (C					Bubbling - no	
ite 23 (Central Lake)	(Circle One)	More Intense	Less Intense		change in	
		Morning	Afternoon		intensity	1
02		21.0	11.0		$\sim$	
Methane		0	0			
H2s		0				
		ŏ				
PID (VOC)				_ /		
		1	1	- h	Bubbling - no	1 r
ite 24 (Central Lake)	(Circle One)	More Intense	Less Intense		change in	
		Morning	Afternoon		intensity	
02		210	21.0		$\sim$	
		-10	60	-		
Methane		0				
H2s		0	0	-		
PID (VOC)		L U				
				( )	Bubbling - no	1
te 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	change in Intensity	
		Morning	Afternoon		manary	1
02		710	21.0	1		
		1	10			
Methane		0	10	-		
H2s				-	d	
PID (VOC)		U			1 .	1
		1		т — И	Bubbling - no	- 1
ite 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	change in intensity	
		Morning	Afternoon		$\bigcirc$	/
		710		11		
02		21.0	21.0	4		
O2 Methane		21.0	0			
		21.0	0			
Methane		21.0	0 0 0			
Methane H2s PID (VOC)		21.0				
Methane H2s PID (VOC) te 20 (Sheen on Crystal	(Circle One)	ZID O O Present (				
Methane H2s PID (VOC) te 20 (Sheen on Crystal	(Circle One)	Present (	Not Present			
Methane H2s PID (VOC) ite 20 (Sheen on Crystal reek (Big Pond)}	(Circle One)	Present (	Not Present Afternoon			
Methane H2s PID (VOC) ite 20 (Sheen on Crystal reek (Big Pond)) O2	(Circle One)	Present ( Morning N/A	Not Present Afternoon N/A			
Methane H2s PID (VOC) ite 20 (Sheen on Crystal reek (Big Pond)) O2 Methane	(Circle One)	Present ( Morning N/A	Not Present Afternoon N/A N/A			
Methane H2s PID (VOC) ite 20 (Sheen on Crystal reek (Big Pond)) O2	(Circle One)	Present ( Morning N/A	Not Present Afternoon N/A			



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	Co.	ntral Lake	Mator Column I					
	Central Lake Water Column Profile Sulphur Dome - Calcasieu Parish, Louisiana							
	Date:	Lille Le a	and the second sec					
8	Depth (ft):	11323	Time:	19,00				
		4 ft Top (Pluc)						
	Line and the second sec	Top (Blue)	Middle (Yellow)	Bottom (Red)				
and	pH SC (uS/cm)	1-0.3	1.17	<u>1- + L</u>				
5		40/5	4060	4035				
	ORP (mV)	208		186				
	Temp (°C)	16.2	15.3	12-+				
	TDS (ppm)	3086	3116	3088				
	Date:		Time:					
	Depth (ft):	nne.						
		Top (Blue)	Middle (Yellow)	Rottom (Pad)				
	pH	op (blue)	mudie (reliuw)	Bottom (Red)				
10 -	SC (uS/cm)							
(0)	ORP (mV)							
	Temp (°C)							
	TDS (ppm)							
	105 (ppin)							
	Date:	Control D. Control Price	Time:					
	Depth (ft):							
		Top (Blue)	Middle (Yellow)	Bottom (Red)				
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nd.	SC (uS/cm)							
	ORP (mV)			7				
	Temp (°C)							
1	TDS (ppm)							
ь. -								
	Date:		Time:					
	Depth (ft):							
		Top (Blue)	Middle (Yellow)	Bottom (Red)				
	рН			_ ottom (neu/				
ind	SC (uS/cm)							
ma	ORP (mV)							
	Temp (°C)							
	TDS (ppm)							
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