## **Pressure Data:**

9/20/2023 @ 6PM

7B Tubing Press = 71.0 psig

7B Annulus Press = 431.6 psig

Downhole Pressure in 7B Tubing = 1420 psig

7B Brine Injection Rate = 313.1 GPM

6X Annulus Press = 178.7 psig

PPG 2 Tubing Pressure = 239.6 psig

PPG 2 Annulus Press = 316.5 psig

PPG 4 Tubing Pressure = 235.0 psig

PPG 4 Annulus Press = 249.1 psig

9/21/2023 @ 4AM

7B Tubing Press = 70.4 psig

7B Annulus Press = 429.8 psig

Downhole Pressure in 7B Tubing = 1420 psig

7B Brine Injection Rate = 313.9 GPM

6X Annulus Press = 178.5 psig

PPG 2 Tubing Pressure = 240.2 psig

PPG 2 Annulus Press = 320.6 psig

PPG 4 Tubing Pressure = 237.6 psig

PPG 4 Annulus Press = 251.8 psig

## **Site Observations:**

- -Confirmed that we can work under NWP 6 in this area W of #7. Developing scope to excavate around unknown object.
- -ERM on site collected monthly water samples and quarterly bubble site samples.

# **Operational Notes:**

- -Surface Seismic:
- -New system is active, MEQ has submitted revised plan and bi-weekly status report. Gas removal or oil withdrawal:
- -Gas removed from PPG 4 annulus on yesterday and sampled by ERM. Estimated volume will be reported tomorrow. PPG 4 Tubing pressure (brine) was bleed off to stay below MASIP.
- -Westlake operations did not attempt oil withdrawal from #7 to frac tank yesterday. Note: reminder volume removed is measured by truck loading, not enough oil at this time for a truck load.
- -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.
- -Monitoring wells:
  - -ERM is working with Lonquist to get UIC-25 submitted.
- -PPG 20 Inactive Letter:

-6X Depressurization:

- -Lonquist is working Westlake to answer questions before finalizing the letter
- -Sub-surface Seismic:
  - -Long lead items have been ordered. We are still on track for installation in early 2024.
- -Geo-mechanical Studies:
  - -Respec to submit scope and priority list by end of this week.



# Sulphur Fleld Observation Daily Report (Dayshift)

					-
Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		HIM. Y. M.
02		20.9	20.9		
H2S/Methane	H2S/Methane		0		
		0.0	0.0	1	
H2s		D.0		4	
PID (VOC)		0.0	0.0		
Site 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		, and a second
02		20.9	20.9		
Methane		0	0		
H2s		0.0	0.0		
		0.0	6.0	+	
PID (VOC)		10.0	0.0		
Site 4 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in natensity
		Morning	Afternoon		
O2		20,8	2019		
Methane		U	0	1	
H2s		0.0	0.0		
PID (VOC)		0.0	0.0	1	
FID (VOC)		0.0	0.0		
					Printers.
Site 5 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Site 5 (Central Lake)	(Circle One)	Morning	Afternoon	No Bubbles	dhange in
Site 5 (Central Lake)	(Circle One)			No Bubbles	dhange in
<i>y</i>	(Circle One)	Morning 209	Afternoon	No Bubbles	dhange in
02	(Circle One)	Morning 209	Afternoon	No Bubbles	dhange in
O2 Methane H2s PID (VOC)	(Circle One)	Morning 20.9	Afternoon 20,9	No Bubbles	dhange in
O2 Methane	(Circle One)	Morning 209	Afternoon 20,9	No Bubbles	dhange in
O2 Methane H2s PID (VOC)	(Circle One)	Morning 209	Afternoon 20,9	No Bubbles  No Bubbles	dhange in
O2 Methane H2s PID (VOC)		Morning 20.9 0 0.0 0.0	Afternoon  JO 19  O 10  O 10  Less Intense  Afternoon		Bubbling - nd thange in
O2 Methane H2s PID (VOC)		Morning  20 9  0 0  0 0  0 0	Afternoon  J-0,9  O t O  O t O  Less Intense		Bubbling - no change in
O2 Methane H2s PID (VOC) Site 6 (Central Lake)		Morning  20 9  0 0  0 0  0 0	Afternoon  JO 19  O 10  O 10  Less Intense  Afternoon		Bubbling - no change in
O2 Methane H2s PID (VOC) Site 6 (Central Lake)		Morning  20 9  0 0  0 0  0 0	Afternoon  JO 19  O 10  O 10  Less Intense  Afternoon		Bubbling - no change in
O2 Methane H2s PID (VOC) Site 6 (Central Lake) O2 Methane H2s		Morning  O O O O O O O O O O O O O O O O O O	Afternoon  20,9  0,0  0,0  Less Intense  Afternoon  20,9		Bubbling - no change in
O2 Methane H2s PID (VOC) Site 6 (Central Lake) O2 Methane		Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Afternoon  20,9  0,0  0,0  Less Intense  Afternoon  20,9  0,0		Bubbling - nd thange in
O2 Methane H2s PID (VOC) Site 6 (Central Lake) O2 Methane H2s		Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Afternoon  JO19  O10  O10  O10  Less Intense  Afternoon  JO19  O10  O10  Less Intense		Bubbling - nd thange in
O2 Methane H2s PID (VOC) Site 6 (Central Lake)  O2 Methane H2s PID (VOC)	(Circle One)	Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Afternoon  20,9  0,0  0,0  Less Intense  Afternoon  0,0  0,0  Less Intense	No Bubbles	Bubbling - no change in intensity
O2 Methane H2s PID (VOC) Site 6 (Central Lake)  O2 Methane H2s PID (VOC)	(Circle One)	Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Afternoon  JO19  O10  O10  O10  Less Intense  Afternoon  JO19  O10  O10  Less Intense	No Bubbles	Bubbling - no change in intensity
O2 Methane H2s PID (VOC) Site 6 (Central Lake)  O2 Methane H2s PID (VOC) Site 7 (Central Lake)	(Circle One)	Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Afternoon  20,9  0,0  0,0  Less Intense  Afternoon  0,0  0,0  Less Intense	No Bubbles	Bubbling - no change in intensity  Bybbling - no change in change
O2 Methane H2s PID (VOC)  Site 6 (Central Lake)  O2 Methane H2s PID (VOC)  Site 7 (Central Lake)	(Circle One)	Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Afternoon  JO19  O10  O10  O10  O10  Less Intense  Afternoon  O10  O10  O10  Less Intense  Afternoon  O10  O10  O10  O10  O10  O10  O10  O1	No Bubbles	Bubbling - no change in intensity  Bybbling - no change in change
O2 Methane H2s PID (VOC)  Site 6 (Central Lake)  O2 Methane H2s PID (VOC)  Site 7 (Central Lake)  O2 Methane	(Circle One)	Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Afternoon  20,9  0,0  0,0  Less Intense  Afternoon  0,0  0,0  Less Intense	No Bubbles	Bubbling - no change in intensity  Bybbling - no change in change

Site 8 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Change in
		Barrina			Notensity
0:	,	A-0.8	Afternoon	-	
Methan		0	0		
H2		0.0	0.0		
PID (VOC		0.0	0.0	-	
PID (VOC	.)	0.0	0.0	_	
	1			1	Bubbling - no
Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	change in
	1	Morning	Afternoon		Intensity
02	2	20,9	20,9		
Methane	e	0	0		
H2:	s	0.0	0.0		
PID (VOC	)	0.0	0.0	Ī	
No. 40 Mallion	1			1	Bubbling - no
Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	change in
	1	Morning	Afternoon		intensity
O2	2	20.9	2019		
Methane		0	0		
H2s		0.0	0.0	1	
PID (VOC		0.0	0.0		
			1 4		
ito 12 (Control 1-2 )	(0)-1 -			100	Bubbling - no
lite 12 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubble	change in
		Morning	Afternoon		intensity
02		20.9	2019		
Methane	1	0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		
		3		-	
ite 14 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubble	Bubbling - no change in
	]		acas uncerse	Can propies	renange in
					intensity
		Morning	Afternoon		
02		20.9	Afternoon		
O2 Methane		Morning 20,9			
		20.9	70.9		
Methane H2s		0.0	0.0		
Methane		70.9	70.9		
Methane H2s PID (VOC)		0.0	0.0		intensity
Methane H2s PID (VOC)		0.0	0.0	No Bubbles	Bubbling -no change in
Methane H2s PID (VOC)		0.0	0.0		intensity
Methane H2s	(Circle One)	O O O O O O O O	J-0 19 O O.D O.D Less Intense		Bubbling -no change in
Methane H2s PID (VOC) Ite 17 (Central Lake)	(Circle One)	O O O O O O O O O O O O O O O O O O O	J-0 19 0 0.0 0.0 Less Intense Afternoon 20.9		Bubbling -no change in
Methane H2s PID (VOC) Ite 17 (Central Lake) O2 Methane	(Circle One)	O O O O O O O O O O O O O O O O O O O	J-0 19 0 0.0 0.0 Less Intense Afternoon 20.9		Bubbling -no change in
Methane H2s PID (VOC)  Ite 17 (Central Lake)  O2 Methane H2s	(Circle One)	More Intense  Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	J-0 19 0 0.0 0.0 Less Intense Afternoon 20.9 0 0,0		Bubbling -no change in
Methane H2s PID (VOC) Ite 17 (Central Lake) O2 Methane	(Circle One)	O O O O O O O O O O O O O O O O O O O	J-0 19 0 0.0 0.0 Less Intense Afternoon 20.9		Bubbling -no change in
Methane H2s PID (VOC)  (te 17 (Central Lake)  O2 Methane H2s PID (VOC)	(Circle One)	More Intense  Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	J-0 19 0 0.0 0.0 Less Intense Afternoon 20.9 0 0,0		BUBBling - no change in intensity
Methane H2s PID (VOC)  Ite 17 (Central Lake)  O2 Methane H2s PID (VOC)	(Circle One)	More Intense  Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	J-0 19 0 0.0 0.0 Less Intense Afternoon 20.9 0 0,0		Bubbling - no change in intensity
Methane H2s PID (VOC)  Ite 17 (Central Lake)  O2 Methane H2s PID (VOC)	(Circle One)	More Intense  Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	J-0 19 0 0.0 0.0 Less Intense Afternoon 20.9 0 0.0 Less Intense	No Bubbles	Bubbling - no change in intensity
Methane H2s PID (VOC)  Ite 17 (Central Lake)  O2 Methane H2s PID (VOC)	(Circle One)	More Intense  Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Less Intense  Afternoon  0.0  0.0  0.0  Less Intense  Afternoon	No Bubbles	Bubbling - no change in intensity
Methane H2s PID (VOC) Ite 17 (Central Lake)  O2 Methane H2s PID (VOC) Ite 18 (Central Lake)	(Circle One)	More Intense  Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Less Intense  Afternoon  O.D  O.D  O.D  Less Intense  Afternoon  O.D  O.D  O.D	No Bubbles	Bubbling - no change in intensity
Methane H2s PID (VOC)  Ite 17 (Central Lake)  O2 Methane H2s PID (VOC)  ite 18 (Central Lake)  O2 Methane	(Circle One)	More Intense  Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Less Intense  Afternoon  O.D  O.D  O.D  Less Intense  Afternoon  O.O  O.O  O.O  O.O  O.O  O.O  O.O	No Bubbles	Bubbling - no change in intensity
Methane H2s PID (VOC)  Ite 17 (Central Lake)  O2 Methane H2s PID (VOC)  Ite 18 (Central Lake)  O2 Methane	(Circle One)	More Intense  Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Less Intense  Afternoon  O, D  O, D  O, D  Less Intense  Afternoon  Afternoon  O, D  O, D  O, D  O, O  O, O	No Bubbles	Bubbling - no change in intensity
Methane H2s PID (VOC)  Ite 17 (Central Lake)  O2 Methane H2s PID (VOC)  ite 18 (Central Lake)  O2 Methane	(Circle One)	More Intense  Morning  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Less Intense  Afternoon  O.D  O.D  O.D  Less Intense  Afternoon  O.O  O.O  O.O  O.O  O.O  O.O  O.O	No Bubbles	Bubbling - no change in intensity

					Dubyling - no
Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	change in intensity
		Morning	Afternoon		
O2 Methane		20.9	20.9		
		0	0		
H2s	i	0.0	0.0		
PID (VOC)		0.0	6.0		
	T				
Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Belibbling - no change in intensity
		Morning	Afternoon		
02		20.9	20.9		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		
					^
ilte 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		Riversity
02		20,9	20.9		
Methane		0	0	7	
H2s		0.0	10.0	1	
PID (VOC)		0.0	20	-	
FID (VOC)		0.0	0.0		
ite 24 (Central Lake)	(Circle One)	More Intense			Bubbling - no
ne 2 1 (outlied bane)	(Circle Offe)		Less Intense	No Bubbles	change in
02		Morning 7-0.9	Afternoon		
Methane		0	n n	-	
H2s		0.0	0.0	-	
PID (VOC)		0.0	7.0	-	
115 (400)		0.0			
ite 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in Intensity
		Morning	Afternoon		
02		20.9	20.9		
Methane		0	0	7	
H2s		0.0	0.0	7	
PID (VOC)		0.0	10.0		
			***************************************		
te 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	lo Bubbles	Bubbling - no change in intensity
•		Morning	Afternoon		,
02		20.9	20.9		
	Methane		0		
Methane	1	1,0	0.0		
Methane H2s		U		_	
		0.0	0,0		
H2s PID (VOC) te 20 (Sheen on Crystal	(Finale Co.)	0.0	100	]	
H2s PID (VOC) te 20 (Sheen on Crystal	(Circle One)	O, O	Not Present		
H2s PID (VOC) te 20 (Sheen on Crystal reek (Big Pond))	ariio.xxi	O , O Present Morning	Not Present Afternoon		
H2s PID (VOC) te 20 (Sheen on Crystal reek (Big Pond))		O , O  Present  Morning N/A	Afternoon N/A		
H2s PID (VOC)  te 20 (Sheen on Crystal reek (Big Pond))  O2 Methane		Present  Morning N/A	Not Present Afternoon		
H2s PID (VOC) ite 20 (Sheen on Crystal reek (Big Pond))		O , O  Present  Morning N/A	Afternoon N/A		
H2s PID (VOC)  Ite 20 (Sheen on Crystal reek (Big Pond))  O2 Methane		Present  Morning N/A	Afternoon N/A N/A		

#7B Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Burbbling - no change in intensity
		Morning	Afternoon		
02		30.8	21.0		
Methane		0	0		
H2s PID (VOC)		0.0	0.0		
		0.0	0.0		

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
02		30.8	20,9		
Methane		0	0		
H2s PID (VOC)		0.0	0.0		
		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		
O2 Methane H2s		20.9	21.0		
		0	0		
		0.0	0.0		
PID (VOC)		0.0	0.0		

#7 Well Pad Site General Housekeeping

Check Berms for leaks or oil/brine
Check hoses at each connection from rental pump to piping tie-in
Check cellar for oil
Check Wellhead for leaks

New Observation or comments?

SAMPLE people came, pulled samples @ central Lake twater wells fuel cell F

Fuel cell F

SM

# Sulphur Field Observation Daily Report (Nightshift)

4 Annulus Pressure	4 Tubing Pressure	2 Annulus Pressure	2 Tubing Pressure	6x Pressure	7b Downhole Gauge	7b Injection Rate	7b Annulus Pressure	7b Tubing Pressure	
N C	23	3	23	1787 17	142042 1420 43 1430/42 1420/43 1420/43 1420/42 1420/42	3120 313,	431,2 4	71.3 71	5pm
1,840	235.0	316.5	239.6	1787	151900		31.6	115 015	6pm ·
				187	420/92	313,2	431.6 430.6 430.9		7pm
				178.6	1420/93	313.8		10,2	8pm
				1.87 1.86 1.86	1420/93	Die12	430.3	711.3	9pm
				178.6	1420/92	313.2 313.8 31a.4 313.5 313.3	430.3 430.6 H39.6	70,5	IOpm
				9.811	1420 42	313.3	9. beh	70.5	11pm
				178.6		313.5	429,7	69.8	12am
				178.6	142093	313.1	430.3	70.3 70.0	1am
				178.5	142093	313,4	6,08H	70.0	2am
				78.6 178.6 178.5 178.5 178.5	142093	313.5 313.1 313.4 313.7 313.9	5. beh 8.6ch 6.0sh 5.0sh L'sch	70,2 70.4	3am
251.8	237.6	320.6	なっての	1785	142093 142093 142093 142093 1420/82	313,9	8.3ch	H:01	4am

Site 9 (#4 5W Pond)  OZ  OZ  Methane  HZ  PID (VOC)  OZ  OZ  OZ  OZ  OZ  OZ  OZ  OZ  OZ  O	Site 10 [Yellowrack #7]  Oz  Anerbane Hzs  O O  O O  PID (VOC)  PID (VOC)  O O O  O	7A Plugged Well Site oz 20.9 (Circle One) More Intense Less Intense No Bubbles Chan	Site 1 (E of #22.BW)  Carcle One)  (Circle O
Bubbling - no	Bubbling-no change in Intensity  20.8  0 0.0 0.0 0.0	20.8   20.8   20.0   0.0   0.0	Bubbling- no change in intensity  30.8 0 0 0 0 0 0 0 0 0 0 0

Signature: New Observation, Intensity changes, or comments? #7b Wellhead Cellar #7 Well Pad Site General Housekeeping 5ite 19 (#4 BW Pond) PID (VOC) PID (VOC) H2s 20.9 20.8 000 0.0 0.0 0 Check Berms for leaks or oil/brina

Check hoses at each connection from rental pump to piping tie-in

Check cellar for oil

Check Weilhead for leaks (Circle One) (Circle One) More Intense More intense Less Intense Less intense No Butioles No Bubbles Bubbling - no change in Intensity Subbling - no change in intensity 20.28 20.9 ٥٠٥ 0.0 0.0 30.8 80.9 0.0 00 0.0 0