RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION COMMERCIAL

Form H-1

05/2004

	INTO A RESERVOIR PRODUCTIVE OF OIL OR GAS							
1.Operator name Moriah Operating, LLC	2. Operator P-5 No. 586557							
(as shown on P-5, Organization Repo	n)							
3.Operator Address 303 W. Wall Street Suite 230	Midland, TX 79701							
4. County Fisher	5. RRC District No. 7B							
	7. Field No. 31014001							
8. Lease Name HOGO	9. Lease/Gas ID No							
10. Check the Appropriate Boxes: New Project 🗴	Amendment □							
If amendment, Fluid Injection Project No. F								
Reason for Amendment: Add wells [] Add or change types of fluids □ ´Change pressure □							
Change volume [
RESERVOI	R DATA FOR A NEW PROJECT							
11. Name of Formation Wichita Albany	12. Lithology Dolomite							
(e.g., dolomite, limestone, sand, etc.) 13. Type of Trap Stratigraphic 14. Type of Drive during Primary Production Depletion (anticline, fault trap, stratigraphic trap, etc.)								
15. Average Pay Thickness 600 16. Lse/Unit A	creage 10 17. Current Bottom Hole Pressure (psig) 1485#							
18. Average Horizontal Permeability (mds) 30 mds	19. Average Porosity (%) 15%							
<u>,</u>	CTION PROJECT DATA							
20. No. of Injection Wells in this application 1								
21. Type of Injection Project: Waterflood ☐ Press	re Maintenance ☐ Miscible Displacement ☐ Natural Gas Storage ☐							
Steam ☐ Therm	al Recovery Disposal Other							
22. If disposal, are fluids from leases other than the lease	e identified in Item 9? Yes ⊠ No □							
23. Is this application for a Commercial Disposal Well?	Yes X No □							
24. If for commercial disposal, will non-hazardous oil and	gas waste other than produced water be disposed? Yes ☐ No 🖾							
25. Type(s) of Injection Fluid:								
Salt Water 🖄 🛮 Brackish Water 🗀 🔻 Fresh Wate	r □ CO2 □ N2 □ Air □ H2S □ LPG □ NORM □							
Natural Gas □ Polymer □ Other (exp	ain)							
26. If water other than produced salt water will be inje aquifer and depths, or by name of surface water source:	cted, identify the source of each type of injection water by formation, or by							
OCCUPICANT	9/21/2021							
CERTIFICATE I declare under penalties prescribed in Sec. 91.143, Texas Na								
Resources Code, that I am authorized to make this report, that report was prepared by me or under my supervision and direct								
and that the data and facts stated therein are true, correct, complete, to the best of my knowledge.								
,,	Phone 830-964-5963 Fax stateoilreports@satx.rr.com							
For Office Use Only Register No.	Amount \$							

RAILROAD COMMISSION OF TEXAS -- OIL AND GAS DIVISION

INJECTION WELL DATA (attach to Form H-1)

Form H-1A

1. Operator Name (as shown on P-5) Moriah Operating, LLC						2. Operator P-5 No. 586557			
3. Field Name Fisher County						4. Field No. 31014001			
5. Current Lease	Name		OGO	<u>,</u>				e/Gas ID No.	
7. Lease is 10.	5 _{mile}	es in a	outhwest	direction from	Rot	an	/can	ter of poarcet town)	
8. Well No.	8. Well No. 9. API No. 1WD 42-151-33207			10. UIC No. 11. Total Depth 1			12. Date Drilled 13. Base of Usable Quality Water lot Drilled (ft) 150'		
14. (a) Legal des	scription of v	well location, inclu WL Sec 7 Blk 3 F	ding distan	ce and direction			(1)		
		de of well location		c. Co. A-194 optional) Lat.	32.768065	5	Long100	.615934 (NAD 83)	
15. New Injection	well⊠ o	r Injection Well A	mendment	☐ Reason fe	or Amendment:	Pressure	Volume 🗆 I	nterval Fluid Type	
				Other (ex	plain)				
Casing PROPOSED CAS	Size	Setting Depth	Hole Size		Cement	# Sacks of	Top of	Top Determined by	
16. Surface	9 5/8	400	12 1/4	Weight 36#	Class	Cement 250	Cement 0	Circulated	
17. Intermediate 18. Long string	7	3600	8 3/4	26#	С	550	0	Circulated	
19. Liner	Od Tubi-					00	!		
4 1/2				on tubing pack	er deptn	23. Injection interval			
24. Cement Sque	eze Operat	ions (List all)	Squeeze Interval (ft)		No. of Sacks		Top of Cement (ft)		
Of Markata Oan	-1-60		00.5	- L- 10/-L O		NOTE 15.11		11, 11, 05	
25. Multiple Com			26. Downhole Water Separation?			NOTE: If the answer is "Yes" to Item 25 or 26, provide a Wellbore Sketch			
Yes □ N				Yes 🗌 No l					
27. Fluid Type		28. Maximum daily injection volume for each fluid type (rate in bpd or mcf/d)		29. Estimated average daily injection volume for each fluid type (rate in bpd or mcf/d)					
Produced Salt Water			24500			15000			
30. Maximum Su	rface Injecti	on Proncuro:	for Liqu	_{id} 1400	poia	for Gas		noia	
8. Well No.	9. API No		10. UIC No		psig otal Depth 1	2. Date Drilled	13. Base	of Usable Quality Water	
14. (a) Legal des	cription of v	vell location, inclu	ding distand	e and direction	from survey lin	es:	(ft)		
(,,			•		-				
							Long.		
		de of well location.		T			<u> </u>		
		de of well location		T		Pressure	<u> </u>	nterval 🗆 Fluid Type 🗆	
15. New Injection	Well □ o	Injection Well Ar	mendment	Reason fo	or Amendment:		Volume □ I		
15. New Injection				Reason fo	or Amendment:	Pressure # Sacks of Cement	<u> </u>	nterval Fluid Type Top Determined by	
15. New Injection Casing 16. Surface	Well □ o	Injection Well Ar	mendment	Reason for Other (exp	or Amendment: plain) Cement	# Sacks of	Volume ☐ I		
15. New Injection Casing 16. Surface 17. Intermediate 18. Long string	Well □ o	Injection Well Ar	mendment	Reason for Other (exp	or Amendment: plain) Cement	# Sacks of	Volume ☐ I		
15. New Injection Casing 16. Surface 17. Intermediate	Well □ o	Setting Depth	Hole Siz	Reason for Other (exp	or Amendment: plain) Cement Class	# Sacks of	Volume		
15. New Injection Casing 16. Surface 17. Intermediate 18. Long string 19. Liner 20. Tubing size	Size	Setting Depth	Hole Siz	Other (expected by Casing Weight	or Amendment: plain) Cement Class	# Sacks of Cement 23. Injection	Volume	Top Determined by	
Casing 16. Surface 17. Intermediate 18. Long string 19. Liner	Size	Setting Depth	Hole Siz	Other (expected by Casing Weight	or Amendment: plain) Cement Class	# Sacks of Cement	Volume		
15. New Injection Casing 16. Surface 17. Intermediate 18. Long string 19. Liner 20. Tubing size	Size	Setting Depth	Hole Siz	Reason for Other (expected of the control of the co	or Amendment: plain) Cement Class ker depth	# Sacks of Cement 23. Injection	Volume	Top Determined by	<u>Q</u> RD
Casing 16. Surface 17. Intermediate 18. Long string 19. Liner 20. Tubing size 24. Cement Sque	Size 21. Tubing	Setting Depth	Hole Siz	Other (expended) Casing Weight tion tubing pactors ze Interval (ft)	cr Amendment: Cement Class	# Sacks of Cement 23. Injection No. of Sack	Volume	Top Determined by to Top of Cement (ft)	QRD M
Casing 16. Surface 17. Intermediate 18. Long string 19. Liner 20. Tubing size 24. Cement Sque	Size 21. Tubing eze Operat	Setting Depth	Hole Siz	Reason for Other (expected of the control of the co	cr Amendment: plain) Cement Class ker depth	# Sacks of Cement 23. Injection No. of Sack	Top of Cement interval	toTop of Cement (ft)	QRD M
15. New Injection Casing 16. Surface 17. Intermediate 18. Long string 19. Liner 20. Tubing size 24. Cement Sque 25. Multiple Compared New	Size 21. Tubing eeze Operat	Setting Depth	Hole Siz 22. Inject Squee	Reason for Other (expended) Casing Weight tion tubing pactor (ft) Thole Water Service (Page 1)	cr Amendment: plain) Cement Class ker depth	# Sacks of Cement 23. Injection No. of Sack NOTE: If the or 26, provide	Top of Cement interval answer is "Ye a Wellbore Si	Top Determined by to Top of Cement (ft) FOR REC tetch SEP 2 & 2021	ORD —M
15. New Injection Casing 16. Surface 17. Intermediate 18. Long string 19. Liner 20. Tubing size 24. Cement Sque 25. Multiple Compared New	Size 21. Tubing eze Operat	Setting Depth	Hole Siz 22. Inject Squee 26. Down 28. Maxi	Reason for Other (expended) Casing Weight tion tubing pactor (ft) Thole Water Service (Page 1)	cr Amendment: plain) Cement Class ker depth paration?	# Sacks of Cement 23. Injection No. of Sack NOTE: If the or 26, provided	Top of Cement interval answer is "Ye a Wellbore Si	Top Determined by to Top of Cement (ft) PORREC Linguistic Companies of Companies of Cement (ft) SEP 28 2021 injection volume for each (fd)	QRD M
15. New Injection Casing 16. Surface 17. Intermediate 18. Long string 19. Liner 20. Tubing size 24. Cement Sque 25. Multiple Compared New	Size 21. Tubing eeze Operat	Setting Depth	Hole Siz 22. Inject Squee 26. Down 28. Maxi	Reason for Other (expended) Casing Weight tion tubing pactor (ft) Thole Water Service Normum daily injector (expended)	cr Amendment: plain) Cement Class ker depth paration?	# Sacks of Cement 23. Injection No. of Sack NOTE: If the or 26, provide 129. Estimated 144 full type (rate	Top of Cement Interval Sanswer is "Ye a Wellbore Si average daily e in bpd or mot	Top Determined by to Top of Cement (ft) TOP REC SEP 2 8 2021 injection volume for each (dd) PAT THOMSON	
15. New Injection Casing 16. Surface 17. Intermediate 18. Long string 19. Liner 20. Tubing size 24. Cement Sque 25. Multiple Compared New	Size 21. Tubing eze Operat pletion? o □	Setting Depth g depth ions (List all)	Hole Siz 22. Inject Squee 26. Down 28. Maxi	Reason for Other (expended to the control of the co	cr Amendment: plain) Cement Class ker depth paration?	# Sacks of Cement 23. Injection No. of Sack NOTE: If the or 26, provide 129. Estimated 144 full type (rate	Top of Cement Interval Sanswer is "Ye a Wellbore Si average daily e in bpd or mot	Top Determined by to Top of Cement (ft) PORREC Linguistic Companies of Companies of Cement (ft) SEP 28 2021 injection volume for each (fd)	ORD M Y, TEXAS