FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

<b>STATEMENT</b>	<b>OF CHANGE</b>	S IN BENEFIC	IAL OWNERS	SHIP

OMB APPROVAL									
OMB Number:	3235-0287								
Estimated average bur	den								
hours per response:	0.5								

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person*     Foran Joseph Wm									ng Symbol MTDR ]	Relationship of Reporting Person(s) to Issuer (Check all applicable)     X Director 10% Owner									
(Last) (First) (Middle) 5400 LBJ FREEWAY SUITE 1500				3. Date of Earliest Transaction (Month/Day/Year)  12/31/2021  X Officer (give title below) below)  Chairman and CEO															
(Street) DALLAS TX 75240					4.	If Amend	lment, D	ate o	of Orig	ginal F	Filed (Month/Da	Line	Individual or Joint/Group Filing (Check Applicable ine)  X Form filed by One Reporting Person Form filed by More than One Reporting						
(City)	(St	ate)	(Zip)												Perso		viole illa	an One Re	porung
		Table	e I - N	Non-Deriva	tive	Secu	rities	Acq	uire	ed, D	isposed o	f, or B	enef	icia	lly Own	ed			
1. Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)	[	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 5)		d (A) or r. 3, 4 a	nd	5. Amount of Securities Beneficially Owned Follow Reported	s Illy ollowing	Form:	Direct I Indirect I tr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
								c	Code	v	Amount	(A) or (D)	Price	•	Transacti (Instr. 3 a	on(s)			msu. 4 <i>j</i>
Common	Stock			12/31/202	21				A		226,758(1)	A	\$	0	290,	448	]	D	
Common	Stock			12/31/202	21				F		89,230 <sup>(2)</sup>	D	\$36	.92	201,	218	]	D	
Common	Stock														1,105,	913 <sup>(3)</sup>			See Gootnote <sup>(4)</sup>
Common	Stock														1,077,	568 <sup>(3)</sup>			See Footnote <sup>(5)</sup>
Common	Stock														438,5	666 <sup>(3)</sup>			See Cootnote <sup>(6)</sup>
Common	Stock														407,6	34 <sup>(3)</sup>			See cootnote <sup>(7)</sup>
Common	Stock														114,236 <sup>(3)</sup>				See Cootnote <sup>(8)</sup>
Common	Stock														114,2	.36 <sup>(3)</sup>			See Footnote <sup>(9)</sup>
Common	Stock														388,131(3)				See Footnote <sup>(10)</sup>
Common	ommon Stock													388,131(3)				See Footnote <sup>(11)</sup>	
Common	Stock														290,000 <sup>(3)</sup>				See cootnote <sup>(12)</sup>
Common	Stock														290,000(3)				See Cootnote <sup>(13)</sup>
Common Stock													145,882 <sup>(3)</sup>				See Footnote <sup>(14)</sup>		
Common Stock												145,882(3)				See Footnote <sup>(15)</sup>			
		Та	ıble I	l - Derivati e.a חו	ive :	Securi calls.	ties A	cqu nts.	ired	l, Dis	sposed of, , convertib	or Be	nefic curiti	ially es)	y Owne	d			
1. Title of Derivative Security (Instr. 3)			Exe if ar	3A. Deemed Execution Date, if any (Month/Day/Year) 4. Trai Cot (8)		5. Numb of Derivativ Securitie Acquiree (A) or Dispose of (D) (Instr. 3, and 5)		nber tive ties ed	6. Date Expiration (Month/Dates)		ercisable and Date	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)			8. Price of Derivative Security (Instr. 5)	9. Numb derivativ Securitie Benefici Owned Followin Reporter Transact (Instr. 4)	re es ally ig d tion(s)	10. Ownershi Form: Direct (D) or Indirec (I) (Instr. 4	Beneficial Ownership t (Instr. 4)
					Co			(D)	Date	e rois el-l	Expiration	Tialo	Amou or Numb of						

- 1. Represents shares received in settlement of performance stock units granted to the reporting person on February 13, 2019 (the "2019 Performance Stock Grant"), which settled at 200% of target based upon the Issuer's relative total shareholder return over a three-year performance period from January 1, 2019 to December 31, 2021.
- 2. Represents shares withheld by the Issuer in connection with the reporting person's net share settlement to satisfy the tax liability upon settlement of the 2019 Performance Stock Grant. No shares were sold by the reporting person to satisfy the tax liability.
- 3. The reporting person states that neither the filing of this statement nor anything herein shall be deemed an admission that such person is, for purposes of Section 16 of the Securities Exchange Act of 1934, as amended, or otherwise, the beneficial owner of these shares. The reporting person disclaims beneficial ownership of these shares, except to the extent of his pecuniary interest therein.
- 4. Represents shares held of record by Sage Resources, Ltd., which is a limited partnership owned by the reporting person's family, including the reporting person.
- 5. Represents shares held of record collectively by the LRF 2011 Non-GST Trust, WJF 2011 Non-GST Trust, JNF 2011 Non-GST Trust, SIF 2011 Non-GST Trust and MCF 2011 Non-GST Trust (collectively, the "Non-GST Trusts"). The reporting person and his spouse, as settlors of each of the Non-GST Trusts, retain the power of substitution with respect to the property of the Non-GST Trusts.
- 6. Represents shares held of record by the Foran 2012 Savings Trust for which the reporting person's spouse is a trustee.
- 7. Represents shares held of record by the Foran 2012 Security Trust for which the reporting person is the trustee.
- 8. Represents shares held of record by the JWF 2020-1 GRAT, for which the reporting person is the trustee and over which the reporting person has sole voting and investment power.
- 9. Represents shares held of record by the NNF 2020-1 GRAT, for which the reporting person is the trustee and over which the reporting person has sole voting and investment power.
- 10. Represents shares held of record by the JWF 2020-2 GRAT, for which the reporting person is the trustee and over which the reporting person has sole voting and investment power.
- 11. Represents shares held of record by the NNF 2020-2 GRAT, for which the reporting person is the trustee and over which the reporting person has sole voting and investment power.
- 12. Represents shares held of record by the JWF 2021-1 GRAT, for which the reporting person is the trustee and over which the reporting person has sole voting and investment power.
- 13. Represents shares held of record by the NNF 2021-1 GRAT, for which the reporting person is the trustee and over which the reporting person has sole voting and investment power.
- 14. Represents shares held of record by the JWF 2019-2 GRAT, for which the reporting person is the trustee and over which the reporting person has sole voting and investment power.
- 15. Represents shares held of record by the NNF 2019-2 GRAT, for which the reporting person is the trustee and over which the reporting person has sole voting and investment power.

## Remarks:

/s/ Joseph Wm. Foran, by
David E. Lancaster as 01/04/2022
attorney-in-fact

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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