FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C. 20549
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

1. Name and Address of Reporting Person* <u>Lancaster David E</u>							e and Tic Resour			g Symbol MTDR]	5 (0	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title Other (specify							
	(Last) (First) (Middle) 5400 LBJ FREEWAY SUITE 1500					3. Date of Earliest Transaction (Month/Day/Year) 10/11/2021								X Officer (give title Other (specify below) EVP and CFO					
(Street)	S T	X	75240		_ 4.	If Ame	ndme	ent, Date	of Origir	nal File	ed (Month/Da	ay/Year)			filed by O	ne Repo	(Check / orting Per one Rep	son	
(City)	(S	itate)	(Zip)											reiso					
		Tab	le I - N	on-Deri	ivativ	e Se	curit	ties Ac	quire	d, Di	sposed o	f, or Be	neficia	ally Owned	i				
1. Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Yea		Execution Date,		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 an			Beneficially Owned Following		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership				
								Code	v	Amount	(A) or (D)	Price	Reported Transactio (Instr. 3 a				(Instr. 4)		
Common	Common Stock			10/11/2021				M		50,105	A	\$29.6	68 452,	760	D				
Common	Common Stock		10/11/2021					F		38,249(1)	D	\$42.7	75 414,	511]	D			
Common Stock													85,5	500		I	Represents shares held of record by the reporting person's Individual Retirement Account.		
		•	Table II								posed of, converti			ly Owned					
1. Title of Derivative Security (Instr. 3)	. Title of 2. 3. Transaction 3A. Deemed Execution Date (Month/Day/Year) if any		med on Date,	d 4. Date, Transaction Code (Ins		5. Number tion of		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amo of Securities Underlying Derivative Secur (Instr. 3 and 4)		8. Price of Derivative Security	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		10. Ownersh Form: Direct (D or Indire (I) (Instr.	Beneficial Ownership ct (Instr. 4)		
					Code	v	(A)	(D)	Date Exercis	sable	Expiration Date	Title	Amour or Number of Shares	er					
Employee Stock Option	\$29.68	10/11/2021			M			50,105	(2)		02/15/2024	Common Stock	50,10	5 \$0	()	D		

Explanation of Responses:

- 1. Represents shares withheld by the Issuer in connection with the reporting person's net share settlement to satisfy a portion of the exercise price and tax liability upon the exercise of 50,105 employee stock options that were granted to the reporting person on February 16, 2018. No shares were sold by the reporting person to satisfy the exercise price or the tax liability.
- 2. The employee stock options vested in equal annual installments on the first, second and third anniversaries of the date of grant and were fully vested as of February 16, 2021.

Remarks:

/s/ David E. Lancaster 10/12/2021

** 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.