UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 10-Q

☑ QUARTERLY F	REPORT PURSUANT TO SECTION 1	13 OR 15(d) OF THE SEC	CURITIES EXCHANGE ACT OF 19	934
	For the quarterly pe	riod endedJune 30, 202	0	
		OR		
☐ TRANSITION F	REPORT PURSUANT TO SECTION 1	13 OR 15(d) OF THE SEC	CURITIES EXCHANGE ACT OF 19	934
	For the transition period from	om to		
	Commission Fi	le Number 001-31539		
	SMEI	NER	GY	
	SM ENERO (Exact name of registra	GY COMPANY nt as specified in its cha	arter)	
Delawar	,		41-0518430	
(State or other jurisdiction of inco	orporation or organization)		(I.R.S. Employer Identification	n No.)
1775 Sherman Street, Suite 1	200, Denver, Colorado		80203	
(Address of principal e			(Zip Code)	
	(Registrant's telephone) 861-8140 number, including area of	,	
-	Securities registered purs	` '		an coleinh an aintean d
Title of each class Common stock, \$0.01 par v		ng symbol(s) SM	Name of each exchange New York Stock	•
•				J
Indicate by check mark whether the registrant (12 months (or for such shorter period that the r		,	,	, , <u> </u>
Indicate by check mark whether the registrant I (§232.405 of this chapter) during the preceding		•		~
Indicate by check mark whether the registrant i company. See the definitions of "large accelerations"				
Large accelerated filer			Accelerated filer	
Non-accelerated filer			Smaller reporting company	
			Emerging growth company	
If an emerging growth company, indicate by chaccounting standards provided pursuant to Sec		not to use the extended t	ransition period for complying with	any new or revised financia
Indicate by check mark whether the registrant i	s a shell company (as defined in Rule	e 12b-2 of the Exchange A	Act). Yes ☐ No ☑	
Indicate the number of shares outstanding of e	ach of the issuer's classes of commo	n stock, as of the latest pr	acticable date.	
As of July 23, 2020, the registrant had 114,458	,893 shares of common stock outstan	nding.		
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Cautionary Information about Forward-Looking Statements

This Report on Form 10-Q ("Form 10-Q" or "this report") contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act") and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). All statements included in this report, other than statements of historical facts, that address activities, conditions, events, or developments with respect to our financial condition, results of operations, business prospects or economic performance that we expect, believe, or anticipate will or may occur in the future, or that address plans and objectives of management for future operations, are forward-looking statements. The words "anticipate," "assume," "believe," "budget," "could," "estimate," "expect," "forecast," "intend," "pending," "plan," "potential," "project," "target," "will," and similar expressions are intended to identify forward-looking statements. Forward-looking statements appear throughout this report, and include statements about such matters as:

- the impacts of macroeconomic events and the global COVID-19 pandemic ("Pandemic") on us, our industry, our financial condition, results of operations, future
 operations, business prospects, capital and financial resources, ability to service our debt, ability to access the capital markets, and our plans to address the
 foregoing;
- · the amount and nature of future capital expenditures and the availability of liquidity and capital resources to fund capital expenditures;
- our expected total production volumes for the fiscal year 2020;
- any changes to the borrowing base or aggregate lender commitments under our Sixth Amended and Restated Credit Agreement, as amended ("Credit Agreement");
- our outlook on future crude oil, natural gas, and natural gas liquids (also respectively referred to as "oil," "gas," and "NGLs" throughout this report) prices, well costs, service costs, lease operating costs, and general and administrative costs;
- our drilling of wells and other exploration and development activities, our ability to obtain permits and governmental approvals, and plans by us, our joint development partners, and/or other third-party operators;
- · possible or expected acquisitions and divestitures, including the possible divestiture or farm-down of, or joint development of, certain properties;
- oil, gas, and NGL reserve estimates and estimates of both future net revenues and the present value of future net revenues associated with those reserve estimates;
- · future oil, gas, and NGL production estimates, identified drilling locations, as well as drilling prospects, inventories, projects and programs;
- · cash flows, liquidity, interest and related debt service expenses, changes in our effective tax rate, and our ability to repay debt in the future;
- business strategies and other plans and objectives for future operations, including plans for expansion and growth of operations or to defer capital investment, plans with respect to future dividend payments, and our outlook on our future financial condition or results of operations; and
- other similar matters, such as those discussed in Management's Discussion and Analysis of Financial Condition and Results of Operations in Part I, Item 2 of this report.

Our forward-looking statements are based on assumptions and analyses made by us in light of our experience and our perception of historical trends, current conditions, expected future developments, and other factors that we believe are appropriate under the circumstances. These statements are subject to known and unknown risks and uncertainties, which may cause our actual results and performance to be materially different from any future results or performance expressed or implied by the forward-looking statements. Factors that may cause our financial condition, results of operations, business prospects or economic performance to differ from expectations include the factors discussed in the *Risk Factors* section in Part I, Item 1A of our Annual Report on Form 10-K for the year ended December 31, 2019 ("2019 Form 10-K"), in Part II, Item 1A of our Quarterly Report on Form 10-Q for the quarter ended March 31, 2020, our 2020 Proxy Statement, and the *Risk Factors* section in Part II, Item 1A of this report.

We caution you that forward-looking statements are not guarantees of future performance and actual results or performance may be materially different from those expressed or implied in forward-looking statements. The forward-looking statements in this report speak only as of the filing of this report. Although we may from time to time voluntarily update our prior forward-looking statements, we disclaim any commitment to do so except as required by applicable securities laws.

SM ENERGY COMPANY AND SUBSIDIARIES CONDENSED CONSOLIDATED BALANCE SHEETS (UNAUDITED) (in thousands, except share data)

Current assets: Cash and cash equivalents Accounts receivable Derivative assets Prepaid expenses and other Total current assets Property and equipment (successful efforts method): Proved oil and gas properties Accumulated depletion, depreciation, and amortization Unproved oil and gas properties Wells in progress Other property and equipment, net of accumulated depreciation of \$65,447 and \$64,032, respectively Total property and equipment, net Noncurrent assets: Derivative assets Other noncurrent assets	8 10 127,173 211,582 16,704 355,469 8,134,461 (4,536,537) 923,666 266,957	\$ 10 184,732 55,184 12,708 252,634
Cash and cash equivalents Accounts receivable Derivative assets Prepaid expenses and other Total current assets Property and equipment (successful efforts method): Proved oil and gas properties Accumulated depletion, depreciation, and amortization Unproved oil and gas properties Wells in progress Other property and equipment, net of accumulated depreciation of \$65,447 and \$64,032, respectively Total property and equipment, net Noncurrent assets: Derivative assets	127,173 211,582 16,704 355,469 8,134,461 (4,536,537) 923,666	\$ 184,732 55,184 12,708
Accounts receivable Derivative assets Prepaid expenses and other Total current assets Property and equipment (successful efforts method): Proved oil and gas properties Accumulated depletion, depreciation, and amortization Unproved oil and gas properties Wells in progress Other property and equipment, net of accumulated depreciation of \$65,447 and \$64,032, respectively Total property and equipment, net Noncurrent assets: Derivative assets	127,173 211,582 16,704 355,469 8,134,461 (4,536,537) 923,666	\$ 184,732 55,184 12,708
Derivative assets Prepaid expenses and other Total current assets Property and equipment (successful efforts method): Proved oil and gas properties Accumulated depletion, depreciation, and amortization Unproved oil and gas properties Wells in progress Other property and equipment, net of accumulated depreciation of \$65,447 and \$64,032, respectively Total property and equipment, net Noncurrent assets: Derivative assets	211,582 16,704 355,469 8,134,461 (4,536,537) 923,666	55,184 12,708
Prepaid expenses and other Total current assets Property and equipment (successful efforts method): Proved oil and gas properties Accumulated depletion, depreciation, and amortization Unproved oil and gas properties Wells in progress Other property and equipment, net of accumulated depreciation of \$65,447 and \$64,032, respectively Total property and equipment, net Noncurrent assets: Derivative assets	16,704 355,469 8,134,461 (4,536,537) 923,666	 12,708
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Proved oil and gas properties Accumulated depletion, depreciation, and amortization Unproved oil and gas properties Wells in progress Other property and equipment, net of accumulated depreciation of \$5,447 and \$64,032, respectively Total property and equipment, net Noncurrent assets: Derivative assets	(4,536,537) 923,666	
Accumulated depletion, depreciation, and amortization Unproved oil and gas properties Wells in progress Other property and equipment, net of accumulated depreciation of \$5,447 and \$64,032, respectively Total property and equipment, net Noncurrent assets: Derivative assets	(4,536,537) 923,666	
Unproved oil and gas properties Wells in progress Other property and equipment, net of accumulated depreciation of \$65,447 and \$64,032, respectively Total property and equipment, net Noncurrent assets: Derivative assets	923,666	8,934,020
Wells in progress Other property and equipment, net of accumulated depreciation of \$65,447 and \$64,032, respectively Total property and equipment, net Noncurrent assets: Derivative assets	•	(4,177,876)
Other property and equipment, net of accumulated depreciation of \$65,447 and \$64,032, respectively Total property and equipment, net Noncurrent assets: Derivative assets	266.957	1,005,887
Total property and equipment, net Noncurrent assets: Derivative assets	,	118,769
Noncurrent assets: Derivative assets	37,278	72,848
Derivative assets	4,825,825	5,953,648
Other noncurrent assets	34,390	20,624
	51,944	65,326
Total noncurrent assets	86,334	85,950
Total assets \$	5,267,628	\$ 6,292,232
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Accounts payable and accrued expenses \$	257,053	\$ 402,008
Derivative liabilities	38,250	50,846
Other current liabilities	12,597	19,189
Total current liabilities	307,900	472,043
Noncurrent liabilities:	,	
Revolving credit facility	193,000	122,500
Senior Notes, net	2,263,119	2,610,298
Asset retirement obligations	86,628	84,134
Deferred income taxes	57,049	189,386
Derivative liabilities	24,028	3,444
Other noncurrent liabilities	55,072	61,433
Total noncurrent liabilities	2,678,896	3,071,195
Commitments and contingencies (note 6)		
Stockholders' equity:		
Common stock, \$0.01 par value - authorized: 200,000,000 shares; issued and outstanding: 113,553,271 and 112,987,952 shares, respectively	1,136	1,130
Additional paid-in capital	1,825,327	1,791,596
Retained earnings	465,310	967,587
Accumulated other comprehensive loss	(10,941)	(11,319)
Total stockholders' equity	2,280,832	2,748,994
Total liabilities and stockholders' equity \$		

SM ENERGY COMPANY AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (UNAUDITED) (in thousands, except per share data)

	For the Three Jur	Mon ne 30			For the Six Months Ended June 30,				
	2020		2019		2019				
Operating revenues and other income:									
Oil, gas, and NGL production revenue	\$ 169,790	\$	406,854	\$	524,023	\$	747,330		
Net gain on divestiture activity	91		262		91		323		
Other operating revenues	(249)		56		1,252		449		
Total operating revenues and other income	169,632		407,172		525,366		748,102		
Operating expenses:									
Oil, gas, and NGL production expense	80,445		123,050		199,997		244,355		
Depletion, depreciation, amortization, and asset retirement obligation liability accretion	180,856		206,330		414,345		384,076		
Exploration	9,787		10,877		21,136		22,225		
Impairment	8,750		12,417		998,513		18,755		
General and administrative	27,227		30,920		54,674		63,006		
Net derivative (gain) loss	167,200		(79,655)		(378,140)		97,426		
Other operating (income) expense, net	8,046		(934)		8,612		(599)		
Total operating expenses	482,311		303,005		1,319,137		829,244		
Income (loss) from operations	(312,679)		104,167		(793,771)		(81,142)		
Interest expense	(40,354)		(39,627)		(81,866)		(77,607)		
Gain on extinguishment of debt	227,281		_		239,476		_		
Other non-operating expense, net	(185)		(562)		(679)		(879)		
Income (loss) before income taxes	 (125,937)		63,978		(636,840)		(159,628)		
Income tax (expense) benefit	36,685		(13,590)		135,693		32,448		
Net income (loss)	\$ (89,252)	\$	50,388	\$	(501,147)	\$	(127,180)		
Basic weighted-average common shares outstanding	113,008		112,262		113,015		112,257		
Diluted weighted-average common shares outstanding	113,008		112,932		113,015		112,257		
Basic net income (loss) per common share	\$ (0.79)	\$	0.45	\$	(4.43)	\$	(1.13)		
Diluted net income (loss) per common share	\$ (0.79)	\$	0.45	\$	(4.43)	\$	(1.13)		
Dividends per common share	\$ _	\$	_	\$	0.01	\$	0.05		

SM ENERGY COMPANY AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) (UNAUDITED) (in thousands)

	For the Three Jun	Mon e 30,		For the Six Months Ended June 30,				
	 2020		2019		2020		2019	
Net income (loss)	\$ (89,252)	\$	50,388	\$	(501,147)	\$	(127,180)	
Other comprehensive income, net of tax:								
Pension liability adjustment	188		119		378		382	
Total other comprehensive income, net of tax	188		119		378		382	
Total comprehensive income (loss)	\$ (89,064)	\$	50,507	\$	(500,769)	\$	(126,798)	

SM ENERGY COMPANY AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (UNAUDITED) (in thousands, except share data and dividends per share)

_	Common Stock			Ad	Iditional Paid-	Retained		Accumulated Other		Total Stockholders'
_	Shares	Amount		in Capital		Earnings		Comprehensive Loss		Equity
Balances, December 31, 2019	112,987,952	\$	1,130	\$	1,791,596	\$ 967,587	\$	(11,319)	\$	2,748,994
Net loss	_		_		_	(411,895)		_		(411,895)
Other comprehensive income	_		_		_	_		190		190
Cash dividends declared, \$0.01 per share	_		_		_	(1,130)		_		(1,130)
Issuance of common stock upon vesting of RSUs, net of shares used for tax withholdings	730		_		(3)	_		_		(3)
Stock-based compensation expense	_		_		5,561	_		_		5,561
Balances, March 31, 2020	112,988,682	\$	1,130	\$	1,797,154	\$ 554,562	\$	(11,129)	\$	2,341,717
Net loss	_		_		_	(89,252)		_		(89,252)
Other comprehensive income	_		_		_	_		188		188
Issuance of common stock under Employee Stock Purchase Plan	297,013		3		944	_		_		947
Stock-based compensation expense	267,576		3		5,709	_		_		5,712
Issuance of warrants			_		21,520	_		_		21,520
Balances, June 30, 2020	113,553,271	\$	1,136	\$	1,825,327	\$ 465,310	\$	(10,941)	\$	2,280,832

	Common Stock			Ac	Iditional Paid-	Retained	Accumulated Other			Total Stockholders'
	Shares		Amount		in Capital	Earnings	s Comprehensive L			Equity
Balances, December 31, 2018	112,241,966	\$	1,122	\$	1,765,738	\$ 1,165,842	\$	(12,380)	\$	2,920,322
Net loss	_		_		_	(177,568)		_		(177,568)
Other comprehensive income	_		_		_	_		263		263
Cash dividends declared, \$0.05 per share	_		_		_	(5,612)		_		(5,612)
Issuance of common stock upon vesting of RSUs, net of shares used for tax withholdings	2,579		_		(18)	_		_		(18)
Stock-based compensation expense	_		_		5,838	_		_		5,838
Balances, March 31, 2019	112,244,545	\$	1,122	\$	1,771,558	\$ 982,662	\$	(12,117)	\$	2,743,225
Net income	_		_		_	50,388		_		50,388
Other comprehensive income	_		_		_	_		119		119
Issuance of common stock under Employee Stock Purchase Plan	184,079		2		1,957	_		_		1,959
Issuance of common stock upon vesting of RSUs, net of shares used for tax withholdings	290		_		(2)	_		_		(2)
Stock-based compensation expense	96,719		1		6,153	_		_		6,154
Other	_		_		(1)	1		_		_
Balances, June 30, 2019	112,525,633	\$	1,125	\$	1,779,665	\$ 1,033,051	\$	(11,998)	\$	2,801,843

SM ENERGY COMPANY AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (UNAUDITED) (in thousands)

	For the S	ix Months End	ded June 30
	2020	IX IIIOIILIIO EII	2019
Cash flows from operating activities:			
Net loss	\$ (50	1,147) \$	(127,180)
Adjustments to reconcile net loss to net cash provided by operating activities			
Net gain on divestiture activity		(91)	(323)
Depletion, depreciation, amortization, and asset retirement obligation liability accretion	41	4,345	384,076
Impairment	99	8,513	18,755
Stock-based compensation expense	1	1,273	11,992
Net derivative (gain) loss	(37)	8,140)	97,426
Derivative settlement gain (loss)		5,965	(879)
Amortization of debt discount and deferred financing costs		8,578	7,633
Gain on extinguishment of debt	·	9,476)	_
Deferred income taxes	,	6,268)	(33,237)
Other, net	·	3,827)	(1,287)
Net change in working capital		7,254)	21,454
Net cash provided by operating activities	33	2,471	378,430
Cash flows from investing activities:			
Net proceeds from the sale of oil and gas properties (1)		92	12,520
Capital expenditures	(31)	0,209)	(576,127)
Other, net		_	319
Net cash used in investing activities	(31)	0,117)	(563,288)
Cash flows from financing activities:			
Proceeds from revolving credit facility	84	1,000	696,500
Repayment of revolving credit facility	(77)	0,500)	(578,500)
Debt issuance costs related to 10.0% Senior Secured Notes due 2025	(1)	0,491)	_
Cash paid to repurchase 6.125% Senior Notes due 2022	(2)	8,318)	_
Repayment of 1.50% Senior Convertible Notes due 2021	(5:	3,508)	_
Net proceeds from sale of common stock		947	1,959
Dividends paid	(1,130)	(5,612)
Other, net		(354)	(1,044)
Net cash provided by (used in) financing activities	(2:	2,354)	113,303
Net change in cash, cash equivalents, and restricted cash		_	(71,555)
Cash, cash equivalents, and restricted cash at beginning of period		10	77,965
Cash, cash equivalents, and restricted cash at end of period	\$	10 \$	6,410
Supplemental schedule of additional cash flow information and non-cash activities:			
Operating activities:			
Cash paid for interest, net of capitalized interest	\$ (8:	2,313) \$	(67,646)
Investing activities:	, (-	_,_,_,	(51,515)
Decrease in capital expenditure accruals and other	\$ (2)	8,896) \$	(10,097)
Supplemental non-cash investing activities:	,		` ' '
Carrying value of properties exchanged	\$	- \$	66,588
Supplemental non-cash financing activities:			
Non-cash gain on extinguishment of debt, net	\$ 29	2,984 \$	_
Reconciliation of cash, cash equivalents, and restricted cash:			
Cash and cash equivalents	\$	10 \$	12
Restricted cash (1)		_	6,398
Cash, cash equivalents, and restricted cash at end of period	\$	10 \$	6,410
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⁽¹⁾ As of June 30, 2019, a portion of net proceeds from the sale of oil and gas properties was restricted for future property acquisitions. Restricted cash is included in the other noncurrent assets line item on the accompanying unaudited condensed consolidated balance sheets ("accompanying balance sheets").

SM ENERGY COMPANY AND SUBSIDIARIES NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

Note 1 - Summary of Significant Accounting Policies

Description of Operations

SM Energy Company, together with its consolidated subsidiaries ("SM Energy" or the "Company"), is an independent energy company engaged in the acquisition, exploration, development, and production of oil, gas, and NGLs in the State of Texas.

Basis of Presentation

The accompanying unaudited condensed consolidated financial statements include the accounts of the Company and have been prepared in accordance with accounting principles generally accepted in the United States ("GAAP") for interim financial information, the instructions to Quarterly Report on Form 10-Q, and Regulation S-X. These financial statements do not include all information and notes required by GAAP for annual financial statements. However, except as disclosed herein, there has been no material change in the information disclosed in the notes to the consolidated financial statements included in the 2019 Form 10-K. In the opinion of management, all adjustments, consisting of normal recurring adjustments considered necessary for a fair presentation of interim financial information, have been included. Operating results for the periods presented are not necessarily indicative of expected results for the full year. In connection with the preparation of the Company's unaudited condensed consolidated financial statements, the Company evaluated events subsequent to the balance sheet date of June 30, 2020, and through the filing of this report. Additionally, certain prior period amounts have been reclassified to conform to current period presentation in the accompanying unaudited condensed consolidated financial statements.

Significant Accounting Policies

The significant accounting policies followed by the Company are set forth in Note 1 - Summary of Significant Accounting Policies in the 2019 Form 10-K and are supplemented by the notes to the unaudited condensed consolidated financial statements included in this report. These unaudited condensed consolidated financial statements should be read in conjunction with the 2019 Form 10-K.

Recently Issued Accounting Standards

In December 2019, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2019-12, Income Taxes (Topic 740): Simplifying the Accounting for Income Taxes ("ASU 2019-12"). ASU 2019-12 was issued to reduce the complexity of accounting for income taxes for those entities that fall within the scope of the accounting standard. The guidance is to be applied using a prospective method, excluding amendments related to franchise taxes, which should be applied on either a retrospective basis for all periods presented or a modified retrospective basis through a cumulative-effect adjustment to retained earnings as of the beginning of the fiscal year of adoption. ASU 2019-12 is effective for fiscal years beginning after December 15, 2020, with early adoption permitted. The Company early adopted ASU 2019-12 on January 1, 2020, and there was no material impact on the Company's unaudited condensed consolidated financial statements or disclosures upon adoption.

In March 2020, the FASB issued ASU No. 2020-04, Reference Rate Reform (Topic 848): Facilitation of the Effects of Reference Rate Reform on Financial Reporting ("ASU 2020-04"). ASU 2020-04 was issued to provide optional guidance for a limited period of time to ease the potential burden in accounting for (or recognizing the effects of) reference rate reform on financial reporting. Generally, the guidance is to be applied as of any date from the beginning of an interim period that includes or is subsequent to March 12, 2020, or prospectively from a date within an interim period that includes or is subsequent to March 12, 2020, up to the date that the financial statements are available to be issued. ASU 2020-04 is effective for all entities as of March 12, 2020 through December 31, 2022. The Company is evaluating the options provided by ASU 2020-04. Please refer to Note 5 - Long-Term Debt for discussion of the use of the London Interbank Offered Rate ("LIBOR") in connection with borrowings under the Credit Agreement.

As disclosed in the <u>2019 Form 10-K</u>, on January 1, 2020, the Company adopted ASU No. 2016-13, *Financial Instruments-Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments*, and ASU No. 2018-15, *Intangibles-Goodwill and Other-Internal-Use Software (Subtopic 350-40): Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That Is a Service Contract.* As expected, there was no material impact on the Company's unaudited condensed consolidated financial statements or disclosures upon adoption of these ASUs.

There are no ASUs that would have a material effect on the Company's unaudited condensed consolidated financial statements and related disclosures that have been issued but not yet adopted by the Company as of June 30, 2020, or through the filing of this report.

Note 2 - Revenue from Contracts with Customers

The Company recognizes its share of revenue from the sale of produced oil, gas, and NGLs from its Midland Basin and South Texas assets. Oil, gas, and NGL production revenue presented within the accompanying unaudited condensed consolidated statements of operations ("accompanying statements of operations") is reflective of the revenue generated from contracts with customers.

The tables below present oil, gas, and NGL production revenue by product type for each of the Company's operating regions for the three and six months ended June 30, 2020, and 2019:

	Midland Basin				Souti	as	Total				
	 	ree Months Ended June 30,			Three Mo Jur		Three Months Ended June 30,				
	 2020		2019		2020		2019		2020		2019
					(in the	usar	nds)				
Oil production revenue	\$ 114,358	\$	288,447	\$	5,158	\$	15,697	\$	119,516	\$	304,144
Gas production revenue	11,921		16,449		22,942		48,775		34,863		65,224
NGL production revenue	45		(43)		15,366		37,529		15,411		37,486
Total	\$ 126,324	\$	304,853	\$	43,466	\$	102,001	\$	169,790	\$	406,854
Relative percentage	74 %	,	75 %		26 %		25 %		100 %		100 %

Note: Amounts may not calculate due to rounding.

		Midla	nd B	asin	Sout	h T	exa	as		To	otal		
		Six Months Ended June 30,			 Six Months Ended June 30,					Six Months Ended June 30,			
		2020		2019	2020			2019		2020		2019	
					(in the	ous	san	ds)					
Oil production revenue	\$	390,494	\$	513,694	\$ 20,715	:	\$	29,511	\$	411,209	\$	543,205	
Gas production revenue		23,255		32,041	52,318			98,296		75,573		130,337	
NGL production revenue		103		(22)	37,138			73,810		37,241		73,788	
Total	\$	413,852	\$	545,713	\$ 110,171	. :	\$	201,617	\$	524,023	\$	747,330	
Relative percentage	_	79 %		73 %	 21 %	_		27 %		100 %		100 %	

Note: Amounts may not calculate due to rounding.

The Company recognizes oil, gas, and NGL production revenue at the point in time when custody and title ("control") of the product transfers to the purchaser, which differs depending on the applicable contractual terms. Transfer of control drives the presentation of transportation, gathering, processing, and other post-production expenses ("fees and other deductions") within the accompanying statements of operations. Fees and other deductions incurred by the Company prior to control transfer are recorded within the oil, gas, and NGL production expense line item on the accompanying statements of operations. When control is transferred at or near the wellhead, sales are based on a wellhead market price that is impacted by fees and other deductions incurred by the purchaser subsequent to the transfer of control. Please refer to Note 2 - Revenue from Contracts with Customers in the 2019 Form 10-K for more information regarding the types of contracts under which oil, gas, and NGL production revenue is generated.

Significant judgments made in applying the guidance in Accounting Standards Codification ("ASC") Topic 606, Revenue from Contracts with Customers, relate to the point in time when control transfers to purchasers in gas processing arrangements with midstream processors. The Company does not believe that significant judgments are required with respect to the determination of the transaction price, including amounts that represent variable consideration, as volume and price carry a low level of estimation uncertainty given the precision of volumetric measurements and the use of index pricing with generally predictable differentials. Accordingly, the Company does not consider estimates of variable consideration to be constrained.

The Company's performance obligations arise upon the production of hydrocarbons from wells in which the Company has an ownership interest. The performance obligations are considered satisfied upon control transferring to a purchaser at the wellhead, inlet, or tailgate of the midstream processor's processing facility, or other contractually specified delivery point. The time period between production and satisfaction of performance obligations is generally less than one day; thus, there are no material unsatisfied or partially unsatisfied performance obligations at the end of the reporting period.

Revenue is recorded in the month when performance obligations are satisfied. However, settlement statements from the purchasers of hydrocarbons and the related cash consideration are received 30 to 90 days after production has occurred. As a result, the Company must estimate the amount of production delivered to the customer and the consideration that will ultimately be received for sale of the product. Estimated revenue due to the Company is recorded within the accounts receivable line item on the accompanying balance sheets until payment is received. The accounts receivable balances from contracts with customers within the accompanying balance sheets as of June 30, 2020, and December 31, 2019, were \$60.9 million and \$146.3 million, respectively. To estimate accounts receivable from contracts with customers, the Company uses knowledge of its properties, historical performance, contractual arrangements, index pricing, quality and transportation differentials, and other factors as the basis for these estimates. Differences between estimates and actual amounts received for product sales are recorded in the month that payment is received from the purchaser.

Note 3 - Divestitures, Assets Held for Sale, and Acquisitions

Divestitures

No material divestitures occurred during the first six months of 2020 and 2019, and there wereno assets classified as held for sale as of June 30, 2020, or December 31, 2019.

Acquisitions

No material acquisitions or acreage trades of oil and gas properties occurred during the first half of 2020. During the first half of 2019, the Company completed several non-monetary acreage trades of primarily undeveloped properties located in Howard, Martin, and Midland Counties, Texas, resulting in the exchange of approximately 2,000 net acres, with \$66.6 million of carrying value attributed to the properties transferred by the Company. These trades were recorded at carryover basis with no gain or loss recognized.

Note 4 - Income Taxes

The provision for income taxes for the three and six months ended June 30, 2020, and 2019, consisted of the following:

		For the Three Jun	Mon e 30,			For the Six M	/lonth e 30,	s Ended
	2020			2019		2020		2019
				(in tho	usan	ds)		
Current portion of income tax (expense) benefit:								
Federal	\$	_	\$	_	\$	_	\$	_
State		(236)		176		(575)		(789)
Deferred portion of income tax (expense) benefit		36,921		(13,766)		136,268		33,237
Income tax (expense) benefit	\$	36,685	\$	(13,590)	\$	135,693	\$	32,448
Effective tax rate		29.1 %		21.2 %		21.3 %		20.3 %

Recorded income tax expense or benefit differs from the amounts that would be provided by applying the statutory United States federal income tax rate to income or loss before income taxes. These differences primarily relate to the effect of state income taxes, excess tax benefits and deficiencies from stock-based compensation awards, tax limitations on the compensation of covered individuals, changes in valuation allowances, and the cumulative impact of other smaller permanent differences. The quarterly rate can also be affected by the proportional impacts of forecasted net income or loss for each period presented, as reflected in the table above.

A change in the Company's effective tax rate between reporting periods will generally reflect differences in estimating permanent differences compared to changes in forecasted net income or loss. Each quarter, the Company evaluates its deferred tax assets for potential realization, weighing both positive and negative evidence to determine, on a more likely than not basis, the future utilization by asset and jurisdiction. When the significance of negative evidence outweighs the Company's positive support of realization, a valuation allowance is recorded. Subsequently, when the significance of positive evidence outweighs negative evidence that a deferred tax asset will be realized, the valuation allowance is released.

During the second quarter of 2020, the Company executed certain debt exchange transactions that resulted in cancellation of debt income and supported the utilization of its deferred tax assets. As a result, the Company released the valuation allowance recorded in the previous quarter which increased the Company's income tax benefit and tax benefit rate for the three months ended June 30, 2020.

The Coronavirus Aid, Relief, and Economic Security Act ("CARES Act") was enacted on March 27, 2020. The primary feature of the CARES Act that the Company benefited from was the acceleration of its refundable Alternative Minimum Tax ("AMT") credits. On April 1, 2020, the Company filed an election to accelerate its remaining refundable AMT credits of \$7.6 million. The Company received the refund in July 2020.

For all years before 2015, the Company is generally no longer subject to United States federal or state income tax examinations by tax authorities.

Note 5 - Long-Term Debt

During the second quarter of 2020, the Company initiated an offer to exchange its outstanding senior unsecured notes, as presented in the Senior Unsecured Notes section below ("Senior Unsecured Notes"), other than the 1.50% Senior Convertible Notes due 2021 ("2021 Senior Convertible Notes," and together with the Senior Unsecured Notes, "Old Notes"), and a private exchange of its outstanding 2021 Senior Convertible Notes and portions of its outstanding Senior Unsecured Notes ("Private Exchange"), in each case for newly issued 10.0% Senior Secured Second Lien Notes due January 15, 2025 ("2025 Senior Secured Notes"), referred to together as "Exchange Offers." In connection with the Exchange Offers, the Company and its lenders amended the Credit Agreement to increase the amount of permitted second lien indebtedness to an aggregate amount of \$1.0 billion, inclusive of the 2021 Senior Convertible Notes ("Permitted Second Lien Debt"). Additionally, the Company amended the indenture governing its 2021 Senior Convertible Notes, by entering into the Third Supplemental Indenture, dated as of April 29, 2020, ("Third Supplemental Indenture"), to the original Indenture, dated as of May 21, 2015, as supplemented and amended by the Second Supplemental Indenture, dated as of August 12, 2016, collectively referred to as the "2021 Notes Indenture." The Third Supplemental Indenture provides that the Company will satisfy any conversion obligation solely in cash.

On June 17, 2020 ("Settlement Date"), the Company exchanged \$611.9 million in aggregate principal amount of Senior Unsecured Notes and \$107.0 million in aggregate principal amount of 2021 Senior Secured Notes, as well as, in connection with the Private Exchange, (a) \$53.5 million in cash to certain holders of the 2021 Senior Convertible Notes and (b) warrants to acquire up to an aggregate of approximately 5.9 million shares, or approximately five percent of its outstanding common stock, exercisable upon the occurrence of certain future triggering events, to certain holders who exchanged Old Notes in the Private Exchange. Please refer to *Note 11 - Fair Value Measurements* for more information regarding the warrants issued by the Company. Pursuant to the 2021 Notes Indenture, upon the issuance of Permitted Second Lien Debt, the remaining outstanding 2021 Senior Convertible Notes became secured and are subsequently referred to as the "2021 Senior Secured Convertible Notes."

The following table summarizes the principal amounts of the Old Notes tendered as of the Settlement Date:

Title of Old Notes Tendered	Princip	oal Amount of Old Notes Tendered
		(in thousands)
1.50% Senior Convertible Notes due 2021	\$	107,015
6.125% Senior Notes due 2022		141,701
5.0% Senior Notes due 2024		155,339
5.625% Senior Notes due 2025		150,882
6.75% Senior Notes due 2026		80,765
6.625% Senior Notes due 2027		83,209
Total	\$	718,911

Please refer to the Credit Agreement, Senior Secured Notes, and Senior Unsecured Notes sections below for additional information regarding the debt transactions conducted by the Company during the second quarter of 2020.

Credit Agreement

The Company's Credit Agreement provides for a senior secured revolving credit facility with a maximum loan amount of \$2.5 billion. During the second quarter of 2020, the Company and its lenders completed the semi-annual borrowing base redetermination, and entered into the Third Amendment and the Fourth Amendment to the Credit Agreement (collectively, "Amendments"). As a result of lower commodity prices and a corresponding decrease in the value of the Company's proved reserves, the borrowing base and aggregate lender commitments were both reduced to \$1.1 billion. The Amendments permitted the Company to incur second lien debt of up to \$827.5 million prior to the next scheduled redetermination date of October 1, 2020, provided that all principal amounts of such debt are used to redeem unsecured senior debt of the Company for less than or equal to 80% of par value. The Amendments also permitted the Company to grant a second-priority security interest to the holders of the Company's outstanding 2021 Senior Convertible Notes to secure the Company's obligations under the 2021 Senior Convertible Notes. As a result, the Company may incur Permitted Second Lien Debt in an aggregate amount of up to \$1.0 billion. As of June 30, 2020, the Company had \$487.8 million of available Permitted Second Lien Debt capacity. Additionally, the Amendments reduced the amount of dividends that the Company may declare and pay on an annual basis from \$50.0 million to \$12.0 million.

The Credit Agreement is scheduled to mature on September 28, 2023, except that, pursuant to the Amendments, newly issued Permitted Second Lien Debt used to redeem any portion of the remaining 6.125% Senior Notes due 2022 ("2022 Senior Notes") must have maturities on or after 180 days after September 28, 2023; otherwise, the maturity date of the Credit Agreement will be July 2, 2023. Without regard to which maturity date is in effect, the maturity date could occur earlier on August 16, 2022, if the Company has

not completed certain repurchase, redemption, or refinancing activities associated with its 2022 Senior Notes, and does not have certain unused availability for borrowing under the Credit Agreement, as outlined in the Credit Agreement.

Interest and commitment fees associated with the revolving credit facility are accrued based on a borrowing base utilization grid set forth in the Credit Agreement. The Third Amendment to the Credit Agreement amended the borrowing base utilization grid as presented in the table below. At the Company's election, borrowings under the Credit Agreement may be in the form of Eurodollar, Alternate Base Rate ("ABR"), or Swingline loans. Eurodollar loans accrue interest at LIBOR, plus the applicable margin from the utilization grid, and ABR and Swingline loans accrue interest at a market-based floating rate, plus the applicable margin from the utilization grid. Commitment fees are accrued on the unused portion of the aggregate lender commitment amount at rates from the utilization grid and are included in the interest expense line item on the accompanying statements of operations.

Borrowing Base Utilization Percentage	<25%	≥25% <50%	≥50% <75%	≥75% <90%	≥90%
Eurodollar Loans (1)	1.750 %	2.000 %	2.500 %	2.750 %	3.000 %
ABR Loans or Swingline Loans	0.750 %	1.000 %	1.500 %	1.750 %	2.000 %
Commitment Fee Rate	0.375 %	0.375 %	0.500 %	0.500 %	0.500 %

⁽¹⁾ The Credit Agreement specifies that if LIBOR is no longer a widely used benchmark rate, or if it is no longer used for determining interest rates for loans in the United States, a replacement interest rate that fairly reflects the cost to the lenders of funding loans shall be established by the Administrative Agent, as defined in the Credit Agreement, in consultation with the Company. Please refer to Note 1 - Summary of Significant Accounting Policies for discussion of FASB ASU 2020-04, which provides guidance related to reference rate reform.

The following table presents the outstanding balance, total amount of letters of credit outstanding, and available borrowing capacity under the Credit Agreement as of July 23, 2020, June 30, 2020, and December 31, 2019:

	As of July 23, 2020	As of June 30, 2020	As of December 31, 2019	
		(in thousands)		
Revolving credit facility (1)	\$ 180,000	\$ 193,000	\$	122,500
Letters of credit (2)	42,000	42,000		_
Available borrowing capacity	878,000	865,000		1,077,500
Total aggregate lender commitment amount	\$ 1,100,000	\$ 1,100,000	\$	1,200,000

⁽¹⁾ Unamortized deferred financing costs attributable to the revolving credit facility are presented as a component of the other noncurrent assets line item on the accompanying balance sheets and totaled \$5.0 million and \$5.9 million as of June 30, 2020, and December 31, 2019, respectively. These costs are being amortized over the term of the revolving credit facility on a straight-line basis.

Senior Notes

Senior Secured Notes. Senior Secured Notes, net of unamortized discount and deferred financing costs, included within the Senior Notes, net line item on the accompanying balance sheets as of June 30, 2020, consisted of the following:

	 As of June 30, 2020							
	•						Principal Amount, Net	
	 (in thousands)							
10.0% Senior Secured Notes due 2025	\$ 446,675	\$	(41,340)	\$	(11,596)	\$	393,739	
1.50% Senior Secured Convertible Notes due 2021	65,485		(3,592)		(349)		61,544	
Total	\$ 512,160	\$	(44,932)	\$	(11,945)	\$	455,283	

⁽¹⁾ As discussed above, as required by the 2021 Notes Indenture and as permitted by the Credit Agreement, as the Company issued Permitted Second Lien Debt upon the closing of the Exchange Offers, its remaining 2021 Senior Convertible Notes contemporaneously became secured.

2025 Senior Secured Notes. On June 17, 2020, the Company issued \$446.7 million in aggregate principal amount of 2025 Senior Secured Notes due January 15, 2025. The Company incurred fees of \$11.7 million, which are being amortized as deferred financing costs over the life of the 2025 Senior Secured Notes. Upon the issuance of the 2025 Senior Secured

⁽²⁾ Letters of credit outstanding reduce the amount available under the credit facility on a dollar-for-dollar basis.

Notes, the Company recorded \$405.0 million as the initial carrying amount, which approximated their fair value at issuance. The excess of the principal amount of the 2025 Senior Secured Notes over its fair value was recorded as a debt discount. The debt discount and deferred financing costs are amortized to interest expense through the maturity date.

In connection with the issuance of the 2025 Senior Secured Notes, the Company entered into an indenture dated as of June 17, 2020 with UMB Bank, N.A., as trustee, governing the 2025 Senior Secured Notes ("2025 Notes Indenture"). The Company may redeem some or all of its 2025 Senior Secured Notes prior to their maturity at redemption prices based on a premium, plus accrued and unpaid interest as described in the 2025 Notes Indenture.

The 2025 Senior Secured Notes are senior obligations of the Company, secured on a second-priority basis, ranking junior to the Company's obligations under the Credit Agreement and equal in priority with the 2021 Senior Secured Convertible Notes. The 2025 Senior Secured Notes rank senior in right of payment with all of the Company's existing and any future unsecured senior or subordinated debt.

2021 Senior Secured Convertible Notes. Upon issuance of the 2025 Senior Secured Notes, which was Permitted Second Lien Debt, as required by the 2021 Notes Indenture, and as permitted by the Credit Agreement, the 2021 Senior Convertible Notes became secured senior obligations of the Company on a second-priority basis, ranking junior to the Company's obligations under the Credit Agreement and equal in priority with the 2025 Senior Secured Notes. The 2021 Senior Secured Convertible Notes rank senior in right of payment to all of the Company's existing and any future unsecured senior or subordinated debt. During the second quarter of 2020, pursuant to the Third Supplemental Indenture, the Company agreed to satisfy any conversion obligation solely in cash, resulting in reclassification of the fair value of the equity components out of additional paid-in capital. Please refer to Note 5 - Long-Term Debt in the 2019 Form 10-K for additional detail on the Company's 2021 Senior Convertible Notes and associated capped call transactions.

On June 17, 2020, the Company retired \$107.0 million in aggregate principal amount of its 2021 Senior Convertible Notes that were exchanged in the Private Exchange. As a result, the Company paid \$740,000 of accrued and unpaid interest and recognized \$6.1 million and \$593,000 of previously unamortized debt discount and deferred financing costs, respectively, associated with the retired 2021 Senior Convertible Notes.

The 2021 Senior Secured Convertible Notes were not convertible at the option of holders as of June 30, 2020, or through the filing of this report. Notwithstanding the inability to convert, the if-converted value of the 2021 Senior Secured Convertible Notes did not exceed the principal amount. The remaining debt discount and debt-related issuance costs are being amortized to the principal value of the 2021 Senior Secured Convertible Notes as interest expense through the maturity date of July 1, 2021. Interest expense recognized on the 2021 Senior Secured Convertible Notes related to the stated interest rate and amortization of the debt discount totaled \$2.6 million and \$2.7 million for the three months ended June 30, 2020, and 2019, respectively, and totaled \$.4 million for each of the six months ended June 30, 2020, and 2019.

Senior Unsecured Notes. Senior Unsecured Notes, net of unamortized deferred financing costs, included within the Senior Notes, net line item on the accompanying balance sheets as of June 30, 2020, and December 31, 2019, consisted of the following:

		As of June 30, 2020					As of December 31, 2019							
	Principal Amount		namortized Deferred Financing Costs	oferred ancing Principal Costs Amount, Net			Principal Amount	namortized Deferred Financing Costs	Deferred inancing Princi					
					(in tho	usa	ilusj							
6.125% Senior Notes due 2022	\$ 294,346	\$	1,494	\$	292,852	\$	476,796	\$	2,920	\$	473,876			
5.0% Senior Notes due 2024	344,661		2,278		342,383		500,000		3,766		496,234			
5.625% Senior Notes due 2025	349,118		3,108		346,010		500,000		4,903		495,097			
6.75% Senior Notes due 2026	419,235		4,321		414,914		500,000		5,571		494,429			
6.625% Senior Notes due 2027	416,791		5,114		411,677		500,000		6,601		493,399			
1.50% Senior Convertible Notes due 2021 (1)(2)	_		_		_		172,500		15,237		157,263			
Total	\$ 1,824,151	\$	16,315	\$	1,807,836	\$	2,649,296	\$	38,998	\$	2,610,298			

⁽¹⁾ Unamortized deferred financing costs attributable to the 2021 Senior Convertible Notes include \$13.9 million related to the unamortized debt discount as of December 31, 2019.

⁽²⁾ As discussed above, as required by the 2021 Notes Indenture and as permitted by the Credit Agreement, as the Company issued Permitted Second Lien Debt upon the closing of the Exchange Offers, its remaining 2021 Senior Convertible Notes contemporaneously became secured.

The senior unsecured notes listed above (collectively referred to as "Senior Unsecured Notes," and together with the Senior Secured Notes, "Senior Notes") are unsecured senior obligations and rank equal in right of payment with all of the Company's existing and any future unsecured senior debt and are senior in right of payment to any future subordinated debt. The Company may redeem some or all of its Senior Unsecured Notes prior to their maturity at redemption prices based on a premium, plus accrued and unpaid interest as described in the indentures governing the Senior Unsecured Notes. Please refer to Note 5 - Long-Term Debt in the 2019 Form 10-K for additional detail on the Company's Senior Unsecured Notes.

On June 17, 2020, the Company retired \$611.9 million in aggregate principal amount of its Senior Unsecured Notes that were exchanged in the Exchange Offers. As a result, the Company paid \$8.1 million of accrued and unpaid interest and recognized \$5.0 million of previously unamortized deferred financing costs associated with the retired Senior Unsecured Notes. The Company cancelled all retired Senior Unsecured Notes upon closing of the Exchange Offers.

During the first quarter of 2020, the Company repurchased a total of \$40.7 million in aggregate principal amount of its 2022 Senior Notes in open market transactions for a total settlement amount, excluding accrued interest, of \$28.3 million. In connection with the repurchase, the Company recorded a gain on extinguishment of debt of \$12.2 million for the three months ended March 31, 2020. This amount included discounts realized upon repurchase of \$12.4 million partially offset by approximately \$235,000 of accelerated unamortized deferred financing costs. The Company canceled all repurchased 2022 Senior Notes upon cash settlement.

Covenants

The Company is subject to certain covenants under the Credit Agreement and the indentures governing the Senior Secured Notes and the Senior Unsecured Notes that, among other terms, limit the Company's ability to incur additional indebtedness, make restricted payments including dividends, sell assets, with respect to the Company's restricted subsidiaries, permit the consensual restriction on the ability of such restricted subsidiaries to pay dividends or indebtedness owing to the Company or to any other restricted subsidiaries, create liens that secure debt, enter into transactions with affiliates, and merge or consolidate with another company. The Company was in compliance with all such covenants as of June 30, 2020, and through the filing of this report.

Capitalized Interest

Capitalized interest costs for the three months ended June 30, 2020, and 2019, totaled \$.1 million and \$5.0 million, respectively, and totaled \$6.8 million and \$9.9 million for the six months ended June 30, 2020, and 2019, respectively. The amount of interest the Company capitalizes generally fluctuates based on the amount borrowed, the Company's capital program, and the timing and amount of costs associated with capital projects that are considered in progress. Capitalized interest costs are included in total costs incurred.

Note 6 - Commitments and Contingencies

Commitments

Other than those items discussed below, there have been no changes in commitments through the filing of this report that differ materially from those disclosed in the 2019 Form 10-K. Please refer to *Note* 6 - *Commitments and Contingencies* in the 2019 Form 10-K for additional discussion of the Company's commitments.

Drilling Rig Service Contracts. During the first half of 2020, and through the filing of this report, the Company amended certain of its drilling rig contracts resulting in the reduction of day rates and potential early termination fees and the extension of contract terms. As of the filing of this report, the Company's drilling rig commitments totaled \$17.6 million under contract terms extending through the second quarter of 2021. If all of these contracts were terminated as of the filing of this report, the Company would avoid a portion of the contractual service commitments; however, the Company would be required to pay \$9.0 million in early termination fees. The Company does not expect to incur material penalties with regard to its drilling rig contracts.

Drilling and Completion Commitments. During the first half of 2020, the Company entered into an agreement that includes minimum drilling and completion footage requirements on certain existing leases. If these minimum requirements are not satisfied by March 31, 2021, the Company will be required to pay liquidated damages based on the difference between the actual footage drilled and completed and the minimum requirements. As of June 30, 2020, the liquidated damages could range from zero to a maximum of \$39.5 million, with the maximum exposure assuming no additional development activity occurred prior to March 31, 2021. The Company also entered into an agreement that includes a minimum number of wells drilled and completed on certain existing leases. If these minimum requirements are not satisfied by December 31, 2021, the Company will be required to pay liquidated damages based on the difference between the actual number of wells drilled and completed and the minimum requirements. As of June 30, 2020, the liquidated damages could range from zero to a maximum of \$11.5 million, with the maximum exposure assuming no additional development activity occurred prior to December 31, 2021. As of the filing of this report, the Company expects to meet its obligations under both agreements.

Contingencies

The Company is subject to litigation and claims arising in the ordinary course of business. The Company accrues for such items when a liability is both probable and the amount can be reasonably estimated. In the opinion of management, the anticipated results of any pending litigation and claims are not expected to have a material effect on the results of operations, the financial position, or the cash flows of the Company.

Note 7 - Compensation Plans

Equity Incentive Compensation Plan

As of June 30, 2020, 4.2 million shares of common stock were available for grant under the Company's Equity Incentive Compensation Plan ("Equity Plan").

Performance Share Units

The Company grants performance share units ("PSUs") to eligible employees as part of its Equity Plan. The number of shares of the Company's common stock issued to settle PSUs ranges from zero to two times the number of PSUs awarded and is determined based on certain criteria over a three-year performance period. PSUs generally vest on the third anniversary of the date of the grant or upon other triggering events as set forth in the Equity Plan.

For PSUs granted in 2017, which the Company determined to be equity awards, the settlement criteria included a combination of the Company's Total Shareholder Return ("TSR") on an absolute basis, and the Company's TSR relative to the TSR of certain peer companies over the associated three-year performance period. The fair value of the PSUs granted in 2017 was measured on the grant date using a stochastic Monte Carlo simulation using geometric Brownian motion ("GBM Model"). As these awards depend entirely on market-based settlement criteria, the associated compensation expense is recognized on a straight-line basis within general and administrative expense and exploration expense over the vesting periods of the respective awards.

For PSUs granted in 2018 and 2019, the settlement criteria include a combination of the Company's TSR relative to the TSR of certain peer companies and the Company's cash return on total capital invested ("CRTCI") relative to the CRTCI of certain peer companies over the associated three-year performance period. In addition to these performance criteria, the award agreements for these grants also stipulate that if the Company's absolute TSR is negative over the three-year performance period, the maximum number of shares of common stock that can be issued to settle outstanding PSUs is capped at one times the number of PSUs granted on the award date, regardless of the Company's TSR and CRTCI performance relative to its peer group. The fair value of the PSUs granted in 2018 and 2019 was measured on the applicable grant dates using the GBM Model, with the assumption that the associated CRTCI performance condition will be met at the target amount at the end of the respective performance periods. Compensation expense for PSUs is recognized within general and administrative expense and exploration expense over the vesting periods of the respective awards. As these awards depend on a combination of performance-based settlement criteria and market-based settlement criteria, compensation expense may be adjusted in future periods as the number of units expected to vest increases or decreases based on the Company's expected CRTCI performance relative to the applicable peer companies.

The Company records compensation expense associated with the issuance of PSUs based on the fair value of the awards as of the date of grant. Total compensation expense recorded for PSUs was \$2.8 million and \$2.9 million for the three months ended June 30, 2020, and 2019, respectively, and \$4.4 million and \$5.7 million for the six months ended June 30, 2020, and 2019, respectively. As of June 30, 2020, there was \$10.0 million of total unrecognized compensation expense related to non-vested PSU awards, which is being amortized through 2022. There were no material changes to the outstanding and non-vested PSUs during the six months ended June 30, 2020

Subsequent to June 30, 2020, the Company settled all PSUs that were granted in 2017, which earned a0.9 times multiplier, by issuing 485,060 net shares of the Company's common stock in accordance with the terms of the applicable PSU awards. The Company and the majority of grant participants mutually agreed to net share settle a portion of the awards to cover income and payroll tax withholdings, as provided for in the Equity Plan and applicable award agreements. As a result, 215,451 shares were withheld to satisfy income and payroll tax withholding obligations that occurred upon delivery of the shares underlying those PSUs.

Employee Restricted Stock Units

The Company grants restricted stock units ("RSUs") to eligible persons as part of its Equity Plan. Each RSU represents a right to receive one share of the Company's common stock upon settlement of the award at the end of the specified vesting period. RSUs generally vest one-third of the total grant on each anniversary date of the grant over a three-year vesting period or upon other triggering events as set forth in the Equity Plan.

The Company records compensation expense associated with the issuance of RSUs based on the fair value of the awards as of the date of grant. The fair value of an RSU is equal to the closing price of the Company's common stock on the day of the grant. Compensation expense for RSUs is recognized within general and administrative expense and exploration expense over the vesting

periods of the respective awards. Total compensation expense recorded for employee RSUs was \$2.7 million and \$2.8 million for the three months ended June 30, 2020, and 2019, respectively and \$5.3 million and \$5.5 million for the six months ended June 30, 2020, and 2019, respectively. As of June 30, 2020, there was \$10.8 million of total unrecognized compensation expense related to non-vested RSU awards, which is being amortized through 2022. There were no material changes to the outstanding and non-vested RSUs during the six months ended June 30, 2020.

Subsequent to June 30, 2020, the Company settled 587,088 RSUs that related to awards granted in previous years. The Company and the majority of grant participants mutually agreed to net share settle a portion of the awards to cover income and payroll tax withholdings, as provided for in the Equity Plan and applicable award agreements. As a result, the Company issued 420,562 net shares of common stock upon settlement of the awards. The remaining 166,526 shares were withheld to satisfy income and payroll tax withholding obligations that occurred upon delivery of the shares underlying those RSUs.

Director Shares

During the second quarters of 2020, and 2019, the Company issued267,576 and 96,719 shares, respectively, of its common stock to its non-employee directors under the Equity Plan. Shares issued during the second quarter of 2020 will fully vest on December 31, 2020. Shares issued during the second quarter of 2019 fully vested on December 31, 2019.

Employee Stock Purchase Plan

Under the Company's Employee Stock Purchase Plan ("ESPP"), eligible employees may purchase shares of the Company's common stock through payroll deductions of up to 15 percent of eligible compensation, without accruing in excess of \$2,000 in value from purchases for each calendar year. The purchase price of the stock is 85 percent of the lower of the fair market value of the stock on either the first or last day of the purchase period. The ESPP is intended to qualify under Section 423 of the Internal Revenue Code. There were 297,013 and 184,079 shares issued under the ESPP during the second quarters of 2020, and 2019, respectively. Total proceeds to the Company for the issuance of these shares was \$947,000 and \$2.0 million for the six months ended June 30, 2020, and 2019, respectively. The fair value of ESPP grants is measured at the date of grant using the Black-Scholes option-pricing model.

Note 8 - Pension Benefits

Pension Plans

The Company has a non-contributory defined benefit pension plan covering employees who meet age and service requirements and who began employment with the Company prior to January 1, 2016 ("Qualified Pension Plan"). The Company also has a supplemental non-contributory pension plan covering certain management employees ("Nonqualified Pension Plan" and together with the Qualified Pension Plan, "Pension Plans"). The Company froze the Pension Plans to new participants, effective as of January 1, 2016. Employees participating in the Pension Plans prior to the plans being frozen will continue to earn benefits.

Components of Net Periodic Benefit Cost for the Pension Plans

	For the Three Months Ended June 30,			For the Six Months Ended June 30,				
		2020		2019		2020		2019
				(in tho	usand	ls)		
Components of net periodic benefit cost:								
Service cost	\$	863	\$	1,108	\$	2,258	\$	2,791
Interest cost		480		739		1,178		1,395
Expected return on plan assets that reduces periodic pension benefit cost		(474)		(321)		(867)		(787)
Amortization of prior service cost		5		5		9		9
Amortization of net actuarial loss		235		147		475		479
Net periodic benefit cost	\$	1,109	\$	1,678	\$	3,053	\$	3,887

Prior service costs are amortized on a straight-line basis over the average remaining service period of active participants. Gains and losses in excess of 10 percent of the greater of the benefit obligation or the market-related value of assets are amortized over the average remaining service period of active participants. The service cost component of net periodic benefit cost for the Pension Plans is presented as an operating expense within the general and administrative and exploration expense line items on the accompanying statements of operations while the other components of net periodic benefit cost for the Pension Plans are presented as non-operating expenses within the other non-operating expense, net line item on the accompanying statements of operations.

Contributions

As of the filing of this report, the Company has contributed \$4.6 million to the Qualified Pension Plan in 2020.

Note 9 - Earnings Per Share

Basic net income or loss per common share is calculated by dividing net income or loss available to common stockholders by the basic weighted-average number of common shares outstanding for the respective period. Diluted net income or loss per common share is calculated by dividing net income or loss available to common stockholders by the diluted weighted-average number of common shares outstanding, which includes the effect of potentially dilutive securities. As of June 30, 2019, potentially dilutive securities for this calculation consisted primarily of non-vested RSUs, contingent PSUs, and shares into which the 2021 Senior Convertible Notes were convertible, which were measured using the treasury stock method. Shares of the Company's common stock traded at an average closing price below the \$40.50 conversion price applicable to the 2021 Senior Convertible Notes for the three and six months ended June 30, 2019, therefore, the 2021 Senior Convertible Notes had no dilutive impact. On April 29, 2020, pursuant to the Third Supplemental Indenture, the Company agreed that it will satisfy any conversion obligation with respect to the 2021 Senior Convertible Notes solely in cash. As a result, the Company's 2021 Senior Secured Convertible Notes are no longer convertible into shares of the Company's common stock and thus, were not considered to be a potentially dilutive instrument as of June 30, 2020.

On June 17, 2020, the Company issued warrants to purchase up to an aggregate of approximately 5.9 million shares, or approximately five percent of its outstanding common stock, at an exercise price of \$0.01 per share, as discussed in Note 5 - Long-Term Debt. The Warrant Agreement dated as of June 17, 2020 ("Warrant Agreement"), states that the warrants are only exercisable upon the Triggering Date, as defined in Note 11 - Fair Value Measurements. The warrants were not exercisable during the six months ended June 30, 2020, and therefore had no dilutive impact. Please refer to Note 11 - Fair Value Measurements for additional detail regarding the terms of the warrants.

As of June 30, 2020, potentially dilutive securities for this calculation consist primarily of non-vested RSUs, contingent PSUs, and warrants, which are measured using the treasury stock method. Please refer to *Note 7 - Compensation Plans* and *Note 11 - Fair Value Measurements* in this report, and *Note 9 - Earnings Per Share* in the 2019 Form 10-K for additional detail on these potentially dilutive securities.

When the Company recognizes a net loss from continuing operations, all potentially dilutive shares are anti-dilutive and are consequently excluded from the calculation of diluted net loss per common share. The following table details the weighted-average anti-dilutive securities for the periods presented:

For the Three N June		For the Six Months Ended June 30,		
2020	2019	2020	2019	
	(in thou	sands)		
701	_	877	715	

The following table sets forth the calculations of basic and diluted net income (loss) per common share:

	For the Three Months Ended June 30,			For the Six Months Ended June 30,				
		2020		2019	2020			2019
			(in	thousands, exc	ept	per share data)		
Net income (loss)	\$	(89,252)	\$	50,388	\$	(501,147)	\$	(127,180)
			_		_			
Basic weighted-average common shares outstanding		113,008		112,262		113,015		112,257
Dilutive effect of non-vested RSUs and contingent PSUs		_		670		_		_
Diluted weighted-average common shares outstanding		113,008		112,932		113,015		112,257
		·		·		·		
Basic net income (loss) per common share	\$	(0.79)	\$	0.45	\$	(4.43)	\$	(1.13)
Diluted net income (loss) per common share	\$	(0.79)	\$	0.45	\$	(4.43)	\$	(1.13)

Note 10 - Derivative Financial Instruments

Summary of Oil, Gas, and NGL Derivative Contracts in Place

The Company has entered into various commodity derivative contracts to mitigate a portion of its exposure to potentially adverse market changes in commodity prices and the associated impact on cash flows. As of June 30, 2020, all derivative counterparties were members of the Company's Credit Agreement lender group and all contracts were entered into for other-than-trading purposes. The Company's commodity derivative contracts consist of swap and collar arrangements for oil production, and swap arrangements for gas and NGL production. In a typical commodity swap agreement, if the agreed upon published third-party index price ("index price") is lower than the swap fixed price, the Company receives the difference between the index price and the agreed upon swap fixed price. If the index price is higher than the swap fixed price, the Company pays the difference between the index price is below the floor price. The Company pays the difference between the agreed upon ceiling price and the index price is above the ceiling price. No amounts are paid or received if the index price is between the floor and ceiling prices.

The Company has entered into fixed price oil basis swaps in order to mitigate exposure to adverse pricing differentials between certain industry benchmark prices and the actual physical pricing points where the Company's production volumes are sold. Currently, the Company has basis swap contracts with fixed price differentials between New York Mercantile Exchange ("NYMEX") WTI and WTI Midland for a portion of its Midland Basin production with sales contracts that settle at WTI Midland prices, and basis swap contracts with fixed price differentials between NYMEX WTI and Intercontinental Exchange Brent Crude ("ICE Brent") for a portion of its Midland Basin oil production with sales contracts that settle at ICE Brent prices. The Company has also entered into crude oil swap contracts to fix the differential in pricing between the NYMEX calendar month average and the physical crude oil delivery month ("Roll Differential") in which the Company pays the periodic variable Roll Differential and receives a weighted-average fixed price differential. The weighted-average fixed price differential represents the amount of net addition (reduction) to delivery month prices for the notional volumes covered by the swap contracts.

As of June 30, 2020, the Company had commodity derivative contracts outstanding through the fourth quarter of 2022 as summarized in the tables below.

Oil Swaps

Contract Period	NYMEX WTI Volumes		Weighted-Average Contract Price			
	(MBbl)	(per Bbl)				
Third quarter 2020	3,361	\$	56.43			
Fourth quarter 2020	4,397	\$	57.03			
2021	13,467	\$	39.65			
2022	1,276	\$	41.75			
Total	22,501					

Oil Collars

Contract Period	NYMEX WTI Volumes	Weighted-Average Floor Price	 Weighted-Average Ceiling Price			
	(MBbl)	 (per Bbl)	(per Bbl)			
Third quarter 2020	1,252	\$ 55.00	\$ 62.90			
Fourth quarter 2020	610	\$ 55.00	\$ 61.90			
2021	329	\$ 55.00	\$ 56.70			
Total	2,191					

Oil Basis Swaps

Contract Period	WTI Midland-NYMEX WTI Volumes	 Weighted-Average Contract Price (1)	NYMEX WTI-ICE Brent Volumes	Weighted-Average Contract Price ⁽²⁾		
	(MBbl)	(per Bbl)	(MBbI)		(per Bbl)	
Third quarter 2020	3,607	\$ (0.62)	920	\$	(8.01)	
Fourth quarter 2020	4,087	\$ (0.38)	920	\$	(8.01)	
2021	11,527	\$ 0.87	3,650	\$	(7.86)	
2022	9,500	\$ 1.15	3,650	\$	(7.78)	
Total	28,721		9,140			

⁽¹⁾ Represents the price differential between WTI Midland (Midland, Texas) and NYMEX WTI (Cushing, Oklahoma). (2) Represents the price differential between NYMEX WTI (Cushing, Oklahoma) and ICE Brent (North Sea).

Oil Roll Differential Swaps

Contract Period	NYMEX WTI Volumes	 Weighted-Average Contract Price						
	(MBbI)	 (per Bbl)						
Third quarter 2020	3,077	\$ (1.34)						
Fourth quarter 2020	2,503	\$ (1.18)						
2021	4,002	\$ (0.52)						
Total	9,582							

Gas Swaps

Contract Period	IF HSC Volumes	Weighted-Average Contract Price	WAHA Volumes	Weighted-Average Contract Price		
	(BBtu)	(per MMBtu)	(BBtu)		(per MMBtu)	
Third quarter 2020	4,493	\$ 2.41	4,628	\$	1.08	
Fourth quarter 2020	9,327	\$ 2.39	4,872	\$	1.21	
2021	41,736	\$ 2.38	20,676	\$	1.52	
2022	6,104	\$ 2.23	2,681	\$	1.90	
Total (1)	61,660		32,857			

⁽¹⁾ The Company has natural gas swaps in place that settle against Inside FERC Houston Ship Channel ("IF HSC"), Inside FERC West Texas ("IF WAHA"), and Platt's Gas Daily West Texas ("GD WAHA"). As of June 30, 2020, WAHA volumes were comprised of 71 percent IF WAHA and 29 percent GD WAHA.

NGL Swaps

	OPIS Propane Mont Belvieu Non-TET						
Contract Period	Volumes		Weighted-Average Contract Price				
	(MBbl)		(per Bbl)				
Third quarter 2020	40	9 \$	22.33				
Fourth quarter 2020	46	6 \$	22.29				
Total	87	5					

Commodity Derivative Contracts Entered Into Subsequent to June 30, 2020

Subsequent to June 30, 2020, the Company entered into the following commodity derivative contracts:

- fixed price NYMEX WTI oil swap contracts for 2021 through the fourth quarter of 2022 for a total of 3.7 MMBbl of oil production at a weighted-average contract price of \$43.29 per Bbl;
- fixed price WTI Midland-NYMEX WTI oil basis swap contracts for 2021 for a total of 2.3 MMBbl of oil production at a weighted-average contract price of \$0.21

- a fixed price GD WAHA gas swap contract for the fourth quarter of 2021 for a total of 920 BBtu of gas production at a contract price of \$1.99 per MMBtu; and
- a fixed price OPIS Propane Mont Belvieu Non-TET swap contract for 2021 for a total of 0.4 MMBbl of propane production at a contract price of \$19.74 per Bbl

Derivative Assets and Liabilities Fair Value

The Company's commodity derivatives are measured at fair value and are included in the accompanying balance sheets as derivative assets and liabilities, with the exception of derivative instruments that meet the "normal purchase normal sale" exclusion. The Company does not designate its derivative commodity contracts as hedging instruments. The fair value of the commodity derivative contracts was a net asset of \$183.7 million and \$21.5 million as of June 30, 2020, and December 31, 2019, respectively.

The following table details the fair value of commodity derivative contracts recorded in the accompanying balance sheets, by category:

	As of June 30, 2020	As of December 31, 2019				
	(in thousands)					
Derivative assets:						
Current assets	\$ 211,582	\$ 55,184				
Noncurrent assets	34,390	20,624				
Total derivative assets	\$ 245,972	\$ 75,808				
Derivative liabilities:						
Current liabilities	\$ 38,250	\$ 50,846				
Noncurrent liabilities	24,028	3,444				
Total derivative liabilities	\$ 62,278	\$ 54,290				

Offsetting of Derivative Assets and Liabilities

As of June 30, 2020, and December 31, 2019, all derivative instruments held by the Company were subject to master netting arrangements with various financial institutions. In general, the terms of the Company's agreements provide for offsetting of amounts payable or receivable between it and the counterparty, at the election of both parties, for transactions that settle on the same date and in the same currency. The Company's agreements also provide that in the event of an early termination, the counterparties have the right to offset amounts owed or owing under that and any other agreement with the same counterparty. The Company's accounting policy is to not offset these positions in its accompanying balance sheets.

The following table provides a reconciliation between the gross assets and liabilities reflected on the accompanying balance sheets and the potential effects of master netting arrangements on the fair value of the Company's commodity derivative contracts:

	Derivative Assets as of				Derivative Liabilities as of			
	Jur	December 31, June 30, 2020 2019			Ju	ne 30, 2020	December 31, 2019	
				(in tho	usands)			
Gross amounts presented in the accompanying balance								
sheets	\$	245,972	\$	75,808	\$	(62,278)	\$	(54,290)
Amounts not offset in the accompanying balance sheets		(62,278)		(35,075)		62,278		35,075
Net amounts	\$	183,694	\$	40,733	\$		\$	(19,215)

The following table summarizes the commodity components of the derivative settlement (gain) loss, as well as the components of the net derivative (gain) loss line item presented in the accompanying statements of operations:

	For the Three Months Ended June 30,				For the Six N Jun	lonths e 30,	s Ended
	2020		2019		2020		2019
			(in thou	usand	ls)		
Derivative settlement (gain) loss:							
Oil contracts	\$ (138,606)	\$	10,689	\$	(192,188)	\$	12,058
Gas contracts	(1,054)		(5,668)		(15,679)		(1,534)
NGL contracts	(2,868)		(9,111)		(8,098)		(9,645)
Total derivative settlement (gain) loss	\$ (142,528)	\$	(4,090)	\$	(215,965)	\$	879
Net derivative (gain) loss:							
Oil contracts	\$ 151,250	\$	(34,552)	\$	(391,290)	\$	151,245
Gas contracts	8,261		(25,996)		14,989		(32,109)
NGL contracts	7,689		(19,107)		(1,839)		(21,710)
Total net derivative (gain) loss	\$ 167,200	\$	(79,655)	\$	(378,140)	\$	97,426

Credit Related Contingent Features

As of June 30, 2020, and through the filing of this report, all of the Company's derivative counterparties were members of the Company's Credit Agreement lender group. Under the Credit Agreement, the Company is required to provide mortgage liens on assets having a value equal to at least 85 percent of the total PV-9, as defined in the Credit Agreement, of the Company's proved oil and gas properties evaluated in the most recent reserve report. Collateral securing indebtedness under the Credit Agreement also secures the Company's derivative agreement obligations.

Note 11 - Fair Value Measurements

The Company follows fair value measurement accounting guidance for all assets and liabilities measured at fair value. This guidance defines fair value as the price that would be received to sell an asset or paid to transfer a liability (an exit price) in an orderly transaction between market participants at the measurement date. Market or observable inputs are the preferred sources of values, followed by assumptions based on hypothetical transactions in the absence of market inputs. The fair value hierarchy for grouping these assets and liabilities is based on the significance level of the following inputs:

- Level 1 quoted prices in active markets for identical assets or liabilities
- Level 2 quoted prices in active markets for similar assets or liabilities, quoted prices for identical or similar instruments in markets that are not active, and model-derived valuations whose inputs are observable or whose significant value drivers are observable
- Level 3 significant inputs to the valuation model are unobservable.

The following table is a listing of the Company's assets and liabilities that are measured at fair value in the accompanying balance sheets and where they are classified within the fair value hierarchy as of June 30, 2020:

	Leve	el 1	Level 2	Level 3
		(ir	thousands)	
Assets:				
Derivatives (1)	\$	— \$	245,972	\$ _
Liabilities:				
Derivatives (1)	\$	— \$	62,278	\$ _

⁽¹⁾ This represents a financial asset or liability that is measured at fair value on a recurring basis.

The following table is a listing of the Company's assets and liabilities that are measured at fair value in the accompanying balance sheets and where they are classified within the fair value hierarchy as of December 31, 2019:

	Le	vel 1	Level 2	Le	vel 3
		(in			
Assets:					
Derivatives (1)	\$	— \$	75,808	\$	_
Liabilities:					
Derivatives (1)	\$	— \$	54,290	\$	_

⁽¹⁾ This represents a financial asset or liability that is measured at fair value on a recurring basis.

Both financial and non-financial assets and liabilities are categorized within the above fair value hierarchy based on the lowest level of input that is significant to the fair value measurement. The following is a description of the valuation methodologies used by the Company as well as the general classification of such instruments pursuant to the above fair value hierarchy.

Derivatives

The Company uses Level 2 inputs to measure the fair value of oil, gas, and NGL commodity derivatives. Fair values are based upon interpolated data. The Company derives internal valuation estimates taking into consideration forward commodity price curves, counterparties' credit ratings, the Company's credit rating, and the time value of money. These valuations are then compared to the respective counterparties' mark-to-market statements. The considered factors result in an estimated exit price that management believes provides a reasonable and consistent methodology for valuing derivative instruments. The commodity derivative instruments utilized by the Company are not considered by management to be complex, structured, or illiquid. The oil, gas, and NGL commodity derivative markets are highly active.

Please refer to Note 10 - Derivative Financial Instruments, and to Note 11 - Fair Value Measurements in the 2019 Form 10-K for more information regarding the Company's derivative instruments.

Oil and Gas Properties and Other Property and Equipment

The Company had no assets included in total property and equipment, net, measured at fair value as of June 30, 2020, or December 31, 2019.

Proved oil and gas properties Proved oil and gas property costs are evaluated for impairment and reduced to fair value when there is an indication that associated carrying costs may not be recoverable. The Company uses an income valuation technique, which converts future cash flows to a single present value amount, to measure the fair value of proved properties using a discount rate, price and cost forecasts, and certain reserve risk-adjustment factors, as selected by the Company's management. The Company uses a discount rate that represents a current market-based weighted average cost of capital. The prices for oil and gas are forecast based on NYMEX strip pricing, adjusted for basis differentials, for the first five years, after which a flat terminal price is used for each commodity stream. The prices for NGLs are forecasted using Oil Price Information Service ("OPIS") Mont Belvieu pricing, for as long as the market is actively trading, after which a flat terminal price is used. Future operating costs are also adjusted as deemed appropriate for these estimates. Certain undeveloped reserve estimates are also risk-adjusted given the risk to related projected cash flows due to performance and exploitation uncertainties.

Other Property and Equipment. Other property and equipment costs are evaluated for impairment and reduced to fair value when there is an indication the carrying costs may not be recoverable. To measure the fair value of other property and equipment, the Company uses an income valuation technique or market approach depending on the quality of information available to support management's assumptions and the circumstances. The valuation includes consideration of the proved and unproved assets supported by the property and equipment, future cash flows associated with the assets, and fixed costs necessary to operate and maintain the assets.

No proved property impairment expense was recorded during the three months ended June 30, 2020. For the six months ended June 30, 2020, the Company recorded impairment expense of \$956.7 million related to its South Texas proved oil and gas properties and related support facilities due to the decrease in commodity price forecasts at the end of the first quarter of 2020, specifically decreases in oil and NGL prices. The Company used a discount rate of 11 percent in its calculation of the present value of expected future cash flows based on the prevailing market-based weighed average cost of capital as of March 31, 2020. No proved property impairment expense was recorded during the three or six months ended June 30, 2019.

The following table presents impairment of oil and gas properties expense and abandonment and impairment of unproved properties expense recorded during the periods presented:

	For the Three Months Ended June 30,				For the Six Months Ended June 30,			
		2020		2019		2020		2019
				(in m	illions	5)		
Impairment of proved oil and gas properties and related support equipment	\$	_	\$	_	\$	956.7	\$	_
Abandonment and impairment of unproved properties (1)		8.8		12.4		41.9		18.8
Impairment (2)	\$	8.8	\$	12.4	\$	998.5	\$	18.8

⁽¹⁾ These impairments related to actual and anticipated lease expirations, as well as actual and anticipated losses on acreage due to title defects, changes in development plans, and other inherent acreage risks. The balances in the unproved oil and gas properties line item on the accompanying balance sheets as of June 30, 2020, and December 31, 2019, are recorded at carrying value.

Please refer to Note 1 - Summary of Significant Accounting Policies and Note 11 - Fair Value Measurements in the 2019 Form 10-K for more information regarding the Company's approach in determining the fair value of its properties.

Long-Term Debt

The following table reflects the fair value of the Company's Senior Note obligations measured using Level 1 inputs based on quoted secondary market trading prices. These notes were not presented at fair value on the accompanying balance sheets as of June 30, 2020, or December 31, 2019, as they were recorded at carrying value, net of any unamortized discounts and deferred financing costs. Please refer to *Note 5 - Long-Term Debt* for additional discussion.

		As of Jun	ie 30	, 2020	As of December 31, 2019			
	Prin	Principal Amount		Fair Value	Principal Amount			Fair Value
				(in tho	usand	s)		
6.125% Senior Unsecured Notes due 2022	\$	294,346	\$	214,873	\$	476,796	\$	481,564
5.0% Senior Unsecured Notes due 2024	\$	344,661	\$	190,477	\$	500,000	\$	479,815
5.625% Senior Unsecured Notes due 2025	\$	349,118	\$	185,033	\$	500,000	\$	475,835
6.75% Senior Unsecured Notes due 2026	\$	419,235	\$	213,286	\$	500,000	\$	494,860
6.625% Senior Unsecured Notes due 2027	\$	416,791	\$	206,566	\$	500,000	\$	493,750
10.0% Senior Secured Notes due 2025	\$	446,675	\$	424,064	\$	_	\$	_
1.5% Senior Convertible Notes due 2021(1)	\$	_	\$	_	\$	172,500	\$	164,430
1.5% Senior Secured Convertible Notes due 2021(1)	\$	65,485	\$	60,246	\$	_	\$	_

⁽¹⁾ The Company's 2021 Senior Convertible Notes became secured in the second quarter of 2020 upon closing of the Exchange Offers. Please refer to Note 5 - Long-Term Debt for additional information.

The carrying value of the Company's revolving credit facility approximates its fair value, as the applicable interest rates are floating, based on prevailing market rates.

Warrants

As discussed in *Note 5 - Long-Term Debt*, the Company issued warrants to purchase up to an aggregate of approximately5.9 million shares, or approximately five percent of its outstanding common stock, at an exercise price of \$0.01 per share. The warrants are exercisable any time from and after the Triggering Date, as subsequently defined, until June 30, 2023. The Triggering Date is defined by the Warrant Agreement as the first trading day following five consecutive trading days on which the product of the number of shares of common stock issued and outstanding on four of the five trading days multiplied by the closing price per share of common stock for each such trading day exceeds \$1.0 billion ("Triggering Date"). The warrants issued are indexed to the Company's common stock and are required to be settled through physical settlement or net share settlement if exercised. The warrants were not exercisable during the six months ended June 30, 2020, or through the filing of this report.

The fair value of the warrants on the issuance date was determined using a stochastic Monte Carlo simulation using the GBM Model. The Company evaluated the warrants under authoritative accounting guidance and determined that they should be classified as

⁽²⁾ Amounts may not calculate due to rounding.

equity instruments. The warrants were recorded in additional paid-in capital on the accompanying balance sheets at a fair value of \$21.5 million, with no recurring fair value measurement required.

Note 12 - Leases

ASC Topic 842 - Leases ("Topic 842"), requires lessees to recognize operating and finance leases with terms greater than 12 months on the balance sheet. As of June 30, 2020, the Company did not have any agreements in place that were classified as finance leases under Topic 842. Arrangements classified as operating leases are included on the accompanying balance sheets within the other noncurrent assets, other current liabilities, and other noncurrent liabilities line items.

As outlined in Topic 842, an ROU asset represents a lessee's right to use an underlying asset for the lease term, while the associated lease liability represents the lessee's obligations to make lease payments. At the commencement date, which is the date on which a lessor makes an underlying asset available for use by a lessee, a lease ROU asset and corresponding lease liability is recognized based on the present value of the future lease payments. Excluded from the initial measurement are certain variable lease payments, which for the Company's drilling rigs, completion crews, and midstream agreements, may be a significant component of the total lease costs. Subsequent to initial measurement, costs associated with the Company's operating leases are either expensed on the accompanying statements of operations or capitalized on the accompanying balance sheets depending on the nature and use of the underlying ROU asset and in accordance with GAAP requirements.

Please refer to Note 12 - Leases in the 2019 Form 10-K for more information regarding the Company's policy on leases, and assumptions and judgments made in the initial and subsequent measurement of lease ROU assets and corresponding liabilities.

Currently, the Company has operating leases for asset classes that include office space, office equipment, drilling rigs, midstream agreements, vehicles, and equipment rentals used in field operations. For those operating leases included on the accompanying balance sheets, which only includes leases with terms greater than 12 months at commencement, remaining lease terms range from less than one year to approximately six years. The weighted-average lease term remaining for these leases is approximately three years. Certain leases also contain optional extension periods that allow for terms to be extended for up to an additional 10 years. An early termination option also exists for certain leases, some of which allow for the Company to terminate a lease within one year. Exercising an early termination option may also result in an early termination penalty depending on the terms of the underlying agreement. Based on expectations for those agreements with early termination options, there are no leases in which material early termination options are reasonably certain to be exercised by the Company.

For the three months ended June 30, 2020, and 2019, total costs related to operating leases, including short-term leases, and variable lease payments made for leases with initial lease terms greater than 12 months, were \$62.2 million and \$139.8 million, respectively. For the six months ended June 30, 2020, and 2019, total lease costs were \$135.0 million and \$315.1 million, respectively. These totals do not reflect amounts that may be reimbursed by other third parties in the normal course of business, such as non-operating working interest owners. Components of the Company's total lease cost, whether capitalized or expensed, for the three and six months ended June 30, 2020, and 2019, consisted of the following:

	For	For the Three Months Ended June 30,			F	For the Six Months Ended June 30,			
		2020 2019			2020		2019		
				(in tho	usand	ls)			
Operating lease cost	\$	4,453	\$	11,479	\$	11,287	\$	20,458	
Short-term lease cost (1)		36,630		102,085		80,202		237,002	
Variable lease cost (2)		21,136		26,198		43,470		57,606	
Total lease cost	\$	62,219	\$	139,762	\$	134,959	\$	315,066	

⁽¹⁾ Costs associated with short-term lease agreements relate primarily to operational activities where underlying lease terms are less than one year. This amount is significant as it includes drilling and completion activities and field equipment rentals, most of which are contracted for 12 months or less. It is expected that this amount will fluctuate primarily with the number of drilling rigs and completion crews the Company is operating under short-term agreements.

Right-of-use assets obtained in exchange for new operating lease liabilities totaled \$\\$45,000\$ for the three and six months ended June 30, 2020, and \$10.5 million and \$22.7 million for the three and six months ended June 30, 2019, respectively.

⁽²⁾ Variable lease payments include additional payments made that were not included in the initial measurement of the ROU asset and corresponding liability for lease agreements with terms longer than 12 months. Variable lease payments relate to the actual volumes transported under certain midstream agreements, actual usage associated with drilling rigs, completion crews, and vehicles, and variable utility costs associated with the Company's leased office space. Fluctuations in variable lease payments are driven by actual volumes delivered and the number of drilling rigs and completion crews operating under long-term agreements.

Cash paid for amounts included in the measurement of lease liabilities for the six months ended June 30, 2020, and 2019, was as follows:

	For	the Six Mor	nths E 30,	Inded June
		2020		2019
	(in thousands)			
Operating cash flows from operating leases	\$	6,065	\$	5,966
Investing cash flows from operating leases	\$	6,188	\$	14,808

Maturities for the Company's operating lease liabilities included on the accompanying balance sheets as of June 30, 2020, were as follows:

	As of June 30, 2020
	(in thousands)
2020 (remaining after June 30, 2020)	\$ 7,161
2021	12,938
2022	5,948
2023	3,602
2024	2,081
Thereafter	1,640
Total Lease payments	\$ 33,370
Less: Imputed interest (1)	(3,340)
Total	\$ 30,030

⁽¹⁾ The weighted-average discount rate used to determine the operating lease liability as of June 30, 2020, was 6.9 percent.

Amounts recorded on the accompanying balance sheets for operating leases as of June 30, 2020, and December 31, 2019, were as follows:

	As of June 30, 2020	As of December 31, 2019				
	 (in tho	usands)	_			
Other noncurrent assets	\$ 27,778	\$	39,717			
Other current liabilities	\$ 12,597	\$	19,189			
Other noncurrent liabilities	\$ 17,433	\$	23,137			

As of June 30, 2020, and through the filing of this report, the Company has no material lease arrangements which are scheduled to commence in the future.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion includes forward-looking statements. Please refer to the Cautionary Information about Forward-Looking Statements section of this report for important information about these types of statements.

Overview of the Company

General Overview

Our purpose is to make people's lives better by responsibly producing energy supplies, contributing to energy security and prosperity, and having a positive impact in the communities where we live and work. Our long-term vision is to sustainably grow value for all of our stakeholders. We believe that in order to accomplish this vision, we must be a premier operator of top tier assets. At present, our investment portfolio is focused on high quality oil and gas producing assets in the state of Texas, specifically in the Midland Basin of West Texas and in South Texas.

Areas of Operations

Our Midland Basin assets are located in the Permian Basin in West Texas and are comprised of approximately 80,000 net acres ("Midland Basin"). In the second quarter of 2020, we focused on continuing to delineate, develop, and expand our Midland Basin position. Our current Midland Basin position provides substantial future development opportunities within multiple oil-rich intervals, including the Spraberry and Wolfcamp formations.

Our South Texas assets are comprised of approximately 159,000 net acres located in Dimmit and Webb Counties, Texas ("South Texas"). Our current operations in South Texas are focused on developing the Eagle Ford shale formation and delineating the Austin Chalk formation. Our overlapping acreage position in the Eagle Ford shale and Austin Chalk formations includes acreage in oil, gas-condensate, and dry gas windows with gas composition amenable to processing for NGL extraction.

Second Quarter 2020 Overview and Outlook for the Remainder of 2020

The Pandemic continues to impact supply and demand for oil, gas, and NGLs, and thus our entire industry. The impacts of the Pandemic continue to be unpredictable. Future case surges or outbreaks could have further negative impacts on pricing, and as a result, we may be required to adjust our business plan which could include curtailing production. For additional detail, please refer to *Risk Factors* in Part II, Item 1A of this report and those risk factors previously disclosed in out 2019 Form 10-K.

We were impacted by the Pandemic and other macroeconomic events in the first and second quarters of 2020, most notably affecting the realized prices we receive for our production, and we expect to continue to be impacted by these events for the remainder of 2020. Despite continued negative impacts, we expect to maintain our current ability to sustain strong operational performance and financial stability. Given the dynamic nature of the Pandemic, we are unable to reasonably estimate the period of time that these market conditions will exist, the extent to which they will continue to impact our business, results of operations, and financial condition, or the timing of any subsequent recovery. Notwithstanding this uncertainty, we remain focused on maximizing returns and increasing the value of our top tier Midland Basin and South Texas assets. We expect to do this through continued development optimization and delineation. We believe our assets provide significant production growth potential and returns that are capable of providing internally generated cash flows in low commodity price environments, which support our priorities of improving leverage metrics and maintaining financial flexibility. During the second quarter of 2020 and as a result of the Exchange Offers discussed in *Note 5 - Long-Term Debt* in Part I, Item 1 of this report, we reduced our outstanding debt by \$218.7 million. Our financial risk management program has significantly reduced the impact of substantially lower oil prices in 2020, and as a result of this program we recorded an oil derivative settlement gain of \$16.40 per barrel for the six months ended June 30, 2020. Our realized oil price before the effects of derivative settlements was \$35.09 for the six months ended June 30, 2020. As of June 30, 2020, a majority of our expected oil production for the second half of 2020 is covered by derivative contracts at NYMEX equivalent prices greater than or equal to \$55.00 per barrel. Please refer to *Oil, Gas, and NGL Prices* below for additiona

Sustainability is a key focus of our plans in terms of positioning ourselves financially to participate in future energy investment opportunities and executing our strategy of being a premier operator with high standards for corporate responsibility. We remain committed to exceptional safety, health, and environmental stewardship; supporting the professional development of a diverse and thriving team of employees; making a positive difference in the communities where we live and work; and transparency in reporting on our progress in these areas. Our Board of Directors recently delegated its Nominating and Corporate Governance Committee the responsibility to oversee the development and implementation of the Company's environmental and social policies, programs and initiatives, and renamed the committee the Environmental. Social and Governance Committee.

Energy production was deemed an essential business amidst the Pandemic. The safety of our employees, contractors, and communities where we work is our first priority while we continue to work during the Pandemic. While the execution of our business operations requires certain individuals to be physically present at well site locations, substantially all of our office-based employees are working remotely to limit physical interactions to mitigate the spread of COVID-19. For individuals who are unable to perform their jobs remotely, we maintain and continually improve social distancing and sanitary measures at our physical locations, and we continue to communicate to and train all of our employees regarding best practices applicable to maintaining a healthy and safe work environment. Since these measures were initially implemented in the first quarter of 2020, we have continued to operate without significant disruptions to our business operations. Our pre-existing control environment and internal controls continue to be effective and we continue to address new risks directly related to the Pandemic as we identify them.

The information below summarizes our recent operating and financial performance and our expectations for the remainder of 2020, including our liquidity position.

We entered 2020 with a total capital program budget between \$825 million and \$850 million. However, given the Pandemic and related circumstances discussed above, we reduced our 2020 capital program budget by approximately 25 percent for the full year 2020. Our financial and operational flexibility allows us to continually monitor the economic environment throughout the year and adjust our activity level as warranted. Our 2020 program remains focused on our most economic oil development projects in both our Midland Basin and South Texas assets. Please refer to Overview of Liquidity and Capital Resources below for discussion of how we expect to fund our 2020 capital program.

Financial and Operational Results. Average net daily production for the three months ended June 30, 2020, was 122.9 MBOE, compared with 136.5 MBOE for the same period in 2019. This decrease was driven by a 28 percent decrease in average net daily production volumes from our South Texas assets, partially offset by a six percent increase in average net daily production volumes from our Midland Basin assets. The overall decrease in production for the three months ended June 30, 2020, was primarily due to voluntary production curtailments, fewer net well completions during the three months ended June 30, 2020, compared with the same period in 2019, and deferral of production start-up of completed wells until June 2020, all of which were in response to low commodity prices in April and May of 2020. Realized prices before the effects of derivative settlements for oil, gas, and NGLs decreased 60 percent, 42 percent, and 36 percent, respectively, for the three months ended June 30, 2020, compared with the same period in 2019. As a result of decreased production and pricing, oil, gas, and NGL production revenue decreased 58 percent to \$169.8 million for the three months ended June 30, 2020, compared with \$406.9 million for the same period in 2019.

We recorded a net derivative loss of \$167.2 million and a net derivative gain of \$79.7 million for the three months ended June 30, 2020, and 2019, respectively. Included within these derivative amounts is a gain of \$142.5 million on derivative contracts that settled during the three months ended June 30, 2020, and a gain of \$4.1 million for the same period in 2019. Total production costs on a per BOE basis decreased 27 percent to \$7.20 per BOE for the three months ended June 30, 2020, from \$9.90 per BOE for the same period in 2019. Overall, financial and operational activities during the three months ended June 30, 2020, resulted in the following:

- net cash provided by operating activities of \$114.3 million for the three months ended June 30, 2020, compared with \$259.9 million for the same period in 2019;
- net loss of \$89.3 million, or \$0.79 per diluted share, for the three months ended June 30, 2020, compared with net income of \$50.4 million, or \$0.45 per diluted share, for the same period in 2019. The net loss for the three months ended June 30, 2020, was primarily driven by a \$237.1 million decrease in oil, gas, and NGL production revenues and a net derivative loss of \$167.2 million, partially offset by a \$42.6 million decrease in production expenses and an increase in net gain on extinguishment of debt of \$227.3 million. Please refer to Comparison of Financial Results and Trends Between the Three Months and Six Months Ended June 30, 2020, and 2019 below for additional discussion regarding the components of net income (loss) for the periods presented; and
- adjusted EBITDAX, a non-GAAP financial measure, for the three months ended June 30, 2020, was \$201.5 million, compared with \$263.0 million for the same period in 2019. Please refer to the caption *Non-GAAP Financial Measures* below for additional discussion and our definition of adjusted EBITDAX and reconciliations of net income (loss) and net cash provided by operating activities.

Operational Activities. The financial results and operational activity discussed throughout this report reflect the impacts of the Pandemic and the misalignment of supply and demand caused by competition among oil producing nations for crude oil market share. We plan to continually monitor the economic environment throughout the year and maintain flexibility to make related financial and operational adjustments as warranted.

In our Midland Basin program, we operated five drilling rigs and one completion crew during the second quarter of 2020. We drilled 25 gross (23 net) wells and completed 13 gross (10 net) wells during the second quarter of 2020, and increased average net daily production volumes year-over-year by six percent to 76.6 MBOE per day. Costs incurred for oil and gas producing activities in our Midland Basin program during the three months ended June 30, 2020, were \$100.8 million, or 75 percent of our total costs incurred for the period. Subsequent to June 30, 2020, we released one drilling rig and we plan to operate between three and four drilling rigs and between one and two completion crews for the remainder of the year. Drilling and completion activities within our RockStar and Sweetie Peck positions in the Midland Basin continue to focus primarily on delineating and developing the Lower Spraberry and Wolfcamp shale intervals.

In our South Texas program, we entered the second quarter with one drilling rig, which we released in June. We drilled four gross (four net) wells and completed one gross (one net) well during the second quarter of 2020. Average net daily production for the second quarter of 2020 was 46.3 MBOE, a 28 percent decrease year-over-year. Costs incurred for oil and gas producing activities in our South Texas program during the three months ended June 30, 2020, were \$23.7 million, or 18 percent of our total costs incurred for the period. We anticipate operating one drilling rig and one completion crew at times during the remainder of 2020 in South Texas. Drilling and completion activities in South Texas during the remainder of 2020 will be focused on delineating the Austin Chalk formation.

The table below provides a quarterly summary of changes in our drilled but not completed well count and current year drilling and completion activity in our operated programs for the three and six months ended June 30, 2020:

	Midland Basin		South 1	Гexas	Tota	al
	Gross	Net	Gross	Net	Gross	Net
Wells drilled but not completed at December 31, 2019	51	48	21	21	72	69
Wells drilled	25	22	3	3	28	25
Wells completed	(19)	(19)	(1)	(1)	(20)	(20)
Other (1)	_	1	_	_	_	1
Wells drilled but not completed at March 31, 2020	57	52	23	23	80	75
Wells drilled	25	23	4	4	29	27
Wells completed	(13)	(10)	(1)	(1)	(14)	(11)
Wells drilled but not completed at June 30, 2020	69	65	26	26	95	91

⁽¹⁾ Includes adjustments related to normal business activities, including working interest changes for existing drilled but not completed wells.

Costs Incurred in Oil and Gas Producing Activities. Costs incurred in oil and gas property acquisition, exploration, and development activities, whether capitalized or expensed, totaled \$134.0 million and \$301.4 million for the three and six months ended June 30, 2020, respectively, and were incurred in our Midland Basin and South Texas programs as further detailed in Operational Activities above.

Production Results. The table below presents our production by product type for each of our areas of operation for the three months ended June 30, 2020, and 2019:

	Midland	Basin	South T	exas	Tota	al	
	Three Month June		Three Month		Three Months Ende June 30,		
	2020	2019	2020	2019	2020	2019	
Production:							
Oil (MMBbl)	5.0	5.1	0.4	0.3	5.4	5.4	
Gas (Bcf)	11.8	8.5	14.2	19.8	26.0	28.3	
NGLs (MMBbl)	_	_	1.5	2.3	1.5	2.3	
Equivalent (MMBOE)	7.0	6.5	4.2	5.9	11.2	12.4	
Avg. daily equivalents (MBOE/d)	76.6	72.0	46.3	64.6	122.9	136.5	
Relative percentage	62 %	53 %	38 %	47 %	100 %	100 %	

Note: Amounts may not calculate due to rounding.

The table below presents our production by product type for each of our areas of operation for the six months ended June 30, 2020, and 2019:

	Midland	Basin	South T	exas	Tota	al	
	Six Months E	nded June	Six Months E	nded June	Six Months Ended June 30,		
	2020	2019	2020	2019	2020	2019	
Production:							
Oil (MMBbl)	10.9	9.7	0.8	0.6	11.7	10.3	
Gas (Bcf)	21.7	15.4	30.8	36.8	52.5	52.2	
NGLs (MMBbl)	_	_	3.1	4.2	3.1	4.2	
Equivalent (MMBOE)	14.6	12.2	9.0	10.9	23.6	23.1	
Avg. daily equivalents (MBOE/d)	80.0	67.6	49.4	60.0	129.4	127.7	
Relative percentage	62 %	53 %	38 %	47 %	100 %	100 %	

Note: Amounts may not calculate due to rounding.

Please refer to A Three Month and Six Month Overview of Selected Production and Financial Information, Including Trendsand Comparison of Financial Results and Trends Between the Three Months and Six Months Ended June 30, 2020, and 2019 below for discussion on production.

Oil, Gas, and NGL Prices

Our financial condition and the results of our operations are significantly affected by the prices we receive for our oil, gas, and NGL production, which can fluctuate dramatically. When we refer to realized oil, gas, and NGL prices below, the disclosed price represents the average price for the respective period, before the effects of derivative settlements, unless otherwise indicated. While quoted NYMEX oil and gas and OPIS NGL prices are generally used as a basis for comparison within our industry, the prices we receive are affected by quality, energy content, location, contracted pricing benchmarks, and transportation differentials for these products.

The following table summarizes commodity price data, as well as the effects of derivative settlements, for the second and first quarters of 2020 as well as the second quarter of 2019:

	Fo	r th	e Three Months En	ded	
	June 30, 2020		March 31, 2020		June 30, 2019
Oil (per Bbl):					
Average NYMEX contract monthly price	\$ 27.85	\$	46.17	\$	59.81
Realized price, before the effect of derivative settlements	\$ 22.25	\$	45.96	\$	56.04
Effect of oil derivative settlements	\$ 25.81	\$	8.44	\$	(1.97)
Gas:					
Average NYMEX monthly settle price (per MMBtu)	\$ 1.72	\$	1.95	\$	2.64
Realized price, before the effect of derivative settlements (per Mcf)	\$ 1.34	\$	1.54	\$	2.31
Effect of gas derivative settlements (per Mcf)	\$ 0.04	\$	0.55	\$	0.20
NGLs (per Bbl):					
Average OPIS price (1)	\$ 14.02	\$	17.02	\$	22.23
Realized price, before the effect of derivative settlements	\$ 10.43	\$	13.62	\$	16.42
Effect of NGL derivative settlements	\$ 1.94	\$	3.27	\$	4.00

⁽¹⁾ Average OPIS price per barrel of NGL, historical or strip, assumes a composite barrel product mix of 37% Ethane, 32% Propane, 6% Isobutane, 11% Normal Butane, and 14% Natural Gasoline for all periods presented. This product mix represents the industry standard composite barrel and does not necessarily represent our product mix for NGL production. Realized prices reflect our actual product mix.

During the first half of 2020, benchmark prices for oil were impacted by the misalignment of supply and demand caused by the Pandemic and competition among oil producing nations for crude oil market share. In addition to supply and demand fundamentals, as a global commodity, the price of oil is affected by real or perceived geopolitical risks in various regions of the world as well as the relative strength of the United States dollar compared to other currencies. We expect future benchmark prices for oil, gas, and NGLs to remain depressed for the foreseeable future due to the Pandemic and the misalignment of supply and demand. Our realized prices at

local sales points may also be affected by infrastructure capacity in the area of our operations and beyond. Please refer to Second Quarter 2020 Overview and Outlook for the Remainder of 2020 above for additional discussion of factors impacting pricing.

The following table summarizes 12-month strip prices for NYMEX WTI oil, NYMEX Henry Hub gas, and OPIS NGLs (same product mix as discussed under the table above) as of July 23, 2020, and June 30, 2020:

	As of Jul	ly 23, 2020	As of June 30, 2020
NYMEX WTI oil (per Bbl)	\$	41.74	39.73
NYMEX Henry Hub gas (per MMBtu)	\$	2.42 \$	2.32
OPIS NGLs (per Bbl)	\$	19.03 \$	17.27

We use financial derivative instruments as part of our financial risk management program. We have a financial risk management policy governing our use of derivatives, and decisions regarding entering into derivative commodity contracts are overseen by a financial risk management committee consisting of senior executive officers and finance personnel. The amount of our production covered by derivatives is driven by the amount of debt on our balance sheet, the level of capital commitments and long-term obligations we have in place, and our ability to enter into favorable derivative commodity contracts. With our current derivative commodity contracts, we believe we have partially reduced our exposure to volatility in commodity prices and basis differentials in the near term. Our use of costless collars for a portion of our derivatives allows us to participate in some of the upward movements in oil and gas prices while also setting a price floor for a portion of our oil and gas production.

Please refer to Note 10 - Derivative Financial Instruments in Part I, Item 1 of this report and to Commodity Price Risk in Overview of Liquidity and Capital Resources below for additional information regarding our oil, gas, and NGL derivatives.

Financial Results of Operations and Additional Comparative Data

The tables below provide information regarding selected production and financial information for the three months ended June 30, 2020, and the preceding three quarters.

		For the Three	Moi	nths Ended		
	 June 30,	March 31,	0	ecember 31,	S	eptember 30,
	2020	2020		2019		2019
		(in m	illior	ıs)		
Production (MMBOE)	11.2	12.4		12.8		12.4
Oil, gas, and NGL production revenue	\$ 169.8	\$ 354.2	\$	449.0	\$	389.4
Oil, gas, and NGL production expense	\$ 80.4	\$ 119.6	\$	127.3	\$	129.0
Depletion, depreciation, amortization, and asset						
retirement obligation liability accretion	\$ 180.9	\$ 233.5	\$	228.7	\$	211.1
Exploration	\$ 9.8	\$ 11.3	\$	17.7	\$	11.6
General and administrative	\$ 27.2	\$ 27.4	\$	37.2	\$	32.6
Net income (loss)	\$ (89.3)	\$ (411.9)	\$	(102.1)	\$	42.2

Note: Amounts may not calculate due to rounding.

Selected Performance Metrics

	For the Three Months Ended										
		June 30, 2020		March 31, 2020	[December 31, 2019	S	September 30, 2019			
Average net daily production equivalent (MBOE pe day)	r	122.9		135.9		138.8		134.9			
Lease operating expense (per BOE)	\$	3.30	\$	4.75	\$	4.67	\$	4.73			
Transportation costs (per BOE)	\$	3.12	\$	3.11	\$	3.46	\$	4.00			
Production taxes as a percent of oil, gas, and NGL production revenue		3.7 %		4.2 %		4.2 %		4.1 %			
Ad valorem tax expense (per BOE)	\$	0.22	\$	0.60	\$	0.37	\$	0.39			
Depletion, depreciation, amortization, and asset retirement obligation liability accretion (per BOE)	\$	16.17	\$	18.88	\$	17.91	\$	17.02			
General and administrative (per BOE)	\$	2.43	\$	2.22	\$	2.92	\$	2.63			

Note: Amounts may not calculate due to rounding.

A Three Month and Six Month Overview of Selected Production and Financial Information, Including Trends

	_	For the Th Ended			Change Char Between Betw		Percent Change Between	ge Ended June 30,					Amount Change Between	Percent Change Between
		2020		2019		Periods	Periods		2020		2019		Periods	Periods
Net production volumes: (1)			_											
Oil (MMBbl)		5.4		5.4		(0.1)	(1)%		11.7		10.3		1.5	14 %
Gas (Bcf)		26.0		28.3		(2.3)	(8)%		52.5		52.2		0.3	1 %
NGLs (MMBbl)		1.5		2.3		(8.0)	(35)%		3.1		4.2		(1.1)	(26)%
Equivalent (MMBOE)		11.2		12.4		(1.2)	(10)%		23.6		23.1		0.4	2 %
Average net daily production: (1)		59.0		59.6		(0.6)	(1)0/		64.4		56.7		7.7	14 %
Oil (MBbl per day) Gas (MMcf per day)		285.8		310.9		(0.6)	(1)%		288.5		288.3		0.2	— %
NGLs (MBbl per day)		16.2		25.1		(8.8)	(35)%		16.9		23.0		(6.0)	(26)%
Equivalent (MBOE per day)		122.9		136.5		(13.6)	(10)%		129.4		127.7		1.7	1 %
Oil, gas, and NGL production revenue (in millions): (1)		122.5		150.5		(13.0)	(10) //		129.4		121.1		1.7	1 70
Oil production revenue	\$	119.5	\$	304.1	\$	(184.6)	(61)%	\$	411.2	\$	543.2	\$	(132.0)	(24)%
Gas production revenue		34.9		65.2		(30.4)	(47)%		75.6		130.3		(54.8)	(42)%
NGL production revenue		15.4		37.5		(22.1)	(59)%		37.2		73.8		(36.5)	(50)%
Total oil, gas, and NGL	Φ.	400.0	Φ.	400.0	Φ.	(007.4)		Φ.	504.0	Φ.	747.0	•	(000 0)	
production revenue Oil, gas, and NGL production	\$	169.8	\$	406.9	\$	(237.1)	(58) %	\$	524.0	\$	747.3	\$	(223.3)	(30)%
expense (in millions): (1) Lease operating expense	\$	36.9	\$	51.7	\$	(14.8)	(29)%	\$	95.7	\$	107.3	\$	(11.6)	(11)%
Transportation costs	Ψ	34.9	Ψ	49.7	Ψ	(14.9)	(30)%	Ψ	73.3	Ψ	93.3	Ψ	(20.0)	(21)%
Production taxes		6.2		16.1		(9.9)	(61)%		21.1		30.1		(9.0)	(30)%
Ad valorem tax expense		2.4		5.5		(3.1)	(56)%		9.9		13.6		(3.7)	(27)%
Total oil, gas, and NGL production expense	\$	80.4	\$	123.1	\$	(42.6)	(35)%	\$	200.0	\$	244.4	\$	(44.4)	(18)%
Realized price, before the effect of derivative settlements:	_		=		=		, ,	=		=		=		()
Oil (per Bbl)	\$	22.25	\$	56.04	\$	(33.79)	(60)%	\$	35.09	\$	52.95	\$	(17.86)	(34)%
Gas (per Mcf)	\$	1.34	\$	2.31	\$	(0.97)	(42)%	\$	1.44	\$	2.50	\$	(1.06)	(42)%
NGLs (per Bbl)	\$	10.43	\$	16.42	\$	(5.99)	(36)%	\$	12.09	\$	17.76	\$	(5.67)	(32)%
Per BOE	\$	15.18	\$	32.75	\$	(17.57)	(54)%	\$	22.25	\$	32.34	\$	(10.09)	(31)%
Per BOE data:														
Production costs:														
Lease operating expense	\$	3.30	\$	4.16	\$	(0.86)	(21)%	\$	4.06	\$	4.64	\$	(0.58)	(13)%
Transportation costs	\$	3.12	\$	4.00	\$	(88.0)	(22)%	\$	3.11	\$	4.04	\$	(0.93)	(23)%
Production taxes	\$	0.56	\$	1.30	\$	(0.74)	(57) %	\$	0.90	\$	1.30	\$	(0.40)	(31)%
Ad valorem tax expense	\$	0.22	\$	0.44	\$	(0.22)	(50)%	\$	0.42	\$	0.59	\$	(0.17)	(29)%
Total production costs (1)	\$	7.20	\$	9.90	\$	(2.70)	(27)%	\$	8.49	\$	10.57	\$	(2.08)	(20)%
Depletion, depreciation, amortization, and asset retirement obligation liability														
accretion	\$	16.17	\$	16.61	\$	(0.44)	(3)%	\$	17.59	\$	16.62	\$	0.97	6 %
General and administrative	\$	2.43	\$	2.49	\$	(0.06)	(2)%	\$	2.32	\$	2.73	\$	(0.41)	(15)%
Derivative settlement gain (loss)	\$	12.74	\$	0.32	\$	12.42	3,881 %	\$	9.17	\$	(0.04)	\$	9.21	23,025 %
Earnings per share information:														
Basic weighted-average common shares outstanding (in thousands)		113,008		112,262		746	1 %		113,015		112,257		758	1 %
Diluted weighted-average common shares outstanding (in thousands)		113,008		112,932		76	— %		113,015		112,257		758	1 %
Basic net income (loss) per common share	\$	(0.79)	\$	0.45	\$	(1.24)	(276)%	\$	(4.43)	\$	(1.13)	\$	(3.30)	(292)%
Diluted net income (loss) per common share	\$	(0.79)	\$	0.45	\$	(1.24)	(276)%	\$	(4.43)	\$	(1.13)	\$	(3.30)	(292)%

Amounts and percentage changes may not calculate due to rounding.
(2) Derivative settlements for the three and six months ended June 30, 2020, and 2019, are included within the net derivative (gain) loss line item in the accompanying statements of operations.

Average daily equivalent production for the three and six months ended June 30, 2020, decreased 10 percent and increased one percent, respectively, compared with the same periods in 2019. The decrease for the three months ended June 30, 2020, was driven by a 28 percent decrease in average daily equivalent production volumes from our South Texas assets, compared with the same period in 2019. Average daily equivalent production volumes from our Midland Basin assets increased six percent for the three months ended June 30, 2020, compared with the same period in 2019. The overall decrease in average daily equivalent production for the three months ended June 30, 2020, was primarily due to voluntary production curtailments, fewer net well completions during the three months ended June 30, 2020, compared with the same period in 2019, and deferral of production start-up of completed wells until June 2020, all of which were in response to low commodity prices in April and May of 2020. For the six months ended June 30, 2020, increases in average daily equivalent production volumes from our Midland Basin assets were mostly offset by decreases in average daily equivalent production volumes from our South Texas assets. For the full year 2020, we expect total production volumes to decrease compared with 2019.

We present certain information on a per BOE basis in order to evaluate our performance relative to our peers and to identify and measure trends we believe may require additional analysis and discussion.

Our realized price before the effect of derivative settlements on a per BOE basis decreased 54 percent and 31 percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019, primarily driven by lower benchmark commodity prices for oil, gas, and NGLs resulting from the Pandemic and other macroeconomic events. Regional pricing differentials in the Midland Basin negatively affected our realized prices in 2019 and continue to negatively affect our realized prices in 2020. For the three and six months ended June 30, 2020, we recognized gains of \$12.74 per BOE and \$9.17 per BOE, respectively, on the settlement of our derivative contracts. For the three and six months ended June 30, 2019, we recognized a gain of \$0.32 per BOE and a loss of \$0.04 per BOE, respectively, on the settlement of our derivative contracts.

Lease operating expense ("LOE") on a per BOE basis decreased 21 percent and 13 percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019. These decreases were driven by our efforts to reduce costs, and reduced workover activity in the first half of 2020. For the full year 2020, we expect LOE on a per BOE basis to be lower compared with 2019 as we continue to benefit from reduced costs and improved operational efficiencies. While we will continue our efforts to reduce costs during 2020, we anticipate volatility in LOE on a per BOE basis as a result of changes in total production, changes in our overall production mix, timing of workover projects, and industry activity, all of which impacts total LOE expense.

Transportation costs on a per BOE basis decreased 22 percent and 23 percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019. These decreases were driven by a 28 percent and 18 percent reduction in average daily equivalent production volumes from our South Texas assets, which incur the majority of our transportation costs, for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019. These decreases were partially offset by increased average daily equivalent production volumes generated from our Midland Basin assets, as production from these assets is typically sold at or near the wellhead and incurs minimal transportation costs. We expect total transportation costs to fluctuate relative to changes in production from our South Texas assets. On a per BOE basis, we expect transportation costs to decrease in 2020, compared with 2019, as production from our Midland Basin assets continues to become a larger portion of our total production and as production from our South Texas assets continues to decline.

Production taxes on a per BOE basis decreased 57 percent and 31 percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019. These decreases were primarily driven by a decrease in realized prices. Our overall production tax rates for the three and six months ended June 30, 2020, were 3.7 percent and 4.0 percent, respectively, compared to 4.0 percent for each of the three and six months ended June 30, 2019. We expect our total production tax expense to decrease in 2020, compared with 2019, as we expect oil, gas, and NGL production revenue to decrease due to decreased volumes and pricing. We generally expect production tax expense to trend with oil, gas, and NGL production revenue on an absolute and per BOE basis. Product mix, the location of production, and incentives to encourage oil and gas development can also impact the amount of production tax we recognize.

Ad valorem tax expense on a per BOE basis decreased 50 percent and 29 percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019, resulting from changes to the 2020 anticipated value assessments of our producing properties by respective tax authorities. We anticipate volatility in ad valorem tax expense on a per BOE and absolute basis as the valuation of our producing properties change.

Depletion, depreciation, amortization, and asset retirement obligation liability accretion ("DD&A") expense on a per BOE basis decreased three percent and increased six percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019. The decrease for the three months ended June 30, 2020, was driven by the reduction in the depletable cost basis of our South Texas proved oil and gas properties as a result of proved property impairments recognized during the first quarter of 2020, partially offset by higher production volumes from our oil producing Midland Basin assets as these assets have higher depletion rates than our primarily gas and NGL producing South Texas assets. The increase for the six months ended June 30, 2020, was primarily driven by our focus on developing oil producing assets in the Midland Basin. Our DD&A rate fluctuates as a result of impairments, divestiture activity, carrying cost funding and sharing arrangements with third parties, changes in our production mix, and changes in our total estimated proved reserve volumes. Our assets in the Midland Basin have higher DD&A rates than our assets in South Texas, and while the percentage of our total production mix from the Midland Basin continues to increase, we expect that the impairment we recorded in the first quarter of 2020 for our South Texas assets combined with an overall decrease in capital

development costs in 2020 will result in a full year DD&A rate that is relatively flat compared with 2019. Although we expect DD&A per BOE to be comparable with the prior year, we expect DD&A expense on an absolute basis for the full year 2020 to be lower compared with the year ended December 31, 2019, as a result of anticipated decreased production volumes.

General and administrative ("G&A") expense on a per BOE basis decreased two percent and 15 percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019. The decrease for the six months ended June 30, 2020, was primarily due to reduced overhead costs resulting from the reorganization of certain functions in the fourth quarter of 2019 that eliminated duplicative regional operational functions and the Pandemic. For the full year 2020, we expect G&A expense to decrease, in total and on a per BOE basis, compared with 2019.

Please refer to Comparison of Financial Results and Trends Between the Three Months and Six Months Ended June 30, 2020, and 2019below for additional discussion on operating expenses.

Please refer to Note 9 - Earnings Per Share in Part I, Item 1 of this report for discussion of our basic and diluted net income (loss) per common share calculations.

Comparison of Financial Results and Trends Between the Three Months and Six Months Ended June 30, 2020, and 2019

Net equivalent production, production revenue, and production expense

The following table presents the regional changes in our net equivalent production, production revenue, and production expense between the three and six months ended June 30, 2020, and 2019:

	Net Equivalen Increase (I		Production Revenue Decrease						n Expense rease		
	Three Months Ended	Six Months Ended	Th	Three Months Ended		Six Months Ended	Th	ree Months Ended	5	Six Months Ended	
	(MBOE p	per day)		(in mi	llio	ns)		(in mi	llion	is)	
Midland Basin	4.6	12.3	\$	(178.5)	\$	(131.9)	\$	(18.0)	\$	(10.5)	
South Texas	(18.2)	(10.6)		(58.5)		(91.4)		(24.6)		(33.9)	
Total	(13.6)	1.7	\$	(237.1)	\$	(223.3)	\$	(42.6)	\$	(44.4)	

Note: Amounts may not calculate due to rounding.

We experienced a 10 percent decrease in net equivalent daily production for the three months ended June 30, 2020, compared with the same period in 2019, primarily as a result of decreased production from our South Texas assets. The decrease was primarily due to voluntary production curtailments, fewer net well completions during the three months ended June 30, 2020, compared with the same period in 2019, and deferral of production start-up of completed wells until June 2020, all of which were in response to low commodity prices in April and May of 2020. Net equivalent daily production remained relatively flat for the six months ended June 30, 2020, compared with the same period in 2019. Realized prices before the effects of derivative settlements for oil, gas, and NGLs decreased 60 percent, 42 percent, and 36 percent, respectively, for the three months ended June 30, 2020, compared with the same period in 2019. For the six months ended June 30, 2020, realized prices before the effects of derivative settlements for oil, gas, and NGLs decreased 34 percent, 42 percent, and 32 percent, respectively, compared with the same period in 2019. As a result of the decreases in production and pricing, oil, gas, and NGL production revenue decreased 58 percent and 30 percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019.

Total production expense for the three and six months ended June 30, 2020, decreased 35 percent and 18 percent, respectively, compared with the same periods in 2019. Please refer to A Three Month and Six Month Overview of Selected Production and Financial Information, Including Trendsabove for additional discussion, including trends on a per BOE basis.

Depletion, depreciation, amortization, and asset retirement obligation liability accretion

	For the Three Jur	Months Enne 30,	ided		For the Six M	/lonth e 30,	s Ended
_	2020	201	19		2020		2019
_			(in m	nillions)			
Depletion, depreciation, amortization, and asset retirement obligation liability accretion \$	180.9	\$	206.3	\$	414.3	\$	384.1

DD&A expense decreased 12 percent and increased eight percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019. The decrease for the three months ended June 30, 2020 was related to the reduction in the depletable cost basis of our South Texas proved oil and gas properties, resulting from proved property impairments during the first quarter of 2020. This decrease was partially offset by a six percent increase in average daily equivalent production

volumes from our Midland Basin assets as these assets have higher depletion rates than our assets in South Texas. The increase for the six months ended June 30, 2020, was driven by an 18 percent increase in average daily equivalent production volumes from our Midland Basin assets.

Exploration

		For the Three Jun	Moni e 30,	ths Ended		For the Six M	lonth e 30,	ns Ended
	<u>-</u>	2020		2019		2020		2019
	<u>-</u>			(in m	illions)		
Geological and geophysical expenses	\$	0.2	\$	0.4	\$	1.4	\$	0.8
Overhead and other expenses		9.6		10.5		19.7		21.4
Total	\$	9.8	\$	10.9	\$	21.1	\$	22.2

Exploration expense decreased 10 percent and five percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019. These decreases were primarily driven by the reorganization of certain functions in the fourth quarter of 2019 that eliminated duplicative regional operational functions and reduced overhead costs. For the full year 2020, we expect exploration expense to decrease compared with 2019 as a result of lower overhead; however, exploration expense is impacted by actual geological and geophysical studies we perform and the potential for exploratory dry hole expense.

Impairment

	F	or the Three Jun	Mont e 30,	hs Ended		For the Six M	/lonth e 30,	
		2020	2019		2020		2019	
				(in m	illions	5)		
Impairment of proved oil and gas properties and related support equipment	\$	_	\$	_	\$	956.7	\$	_
Abandonment and impairment of unproved properties		8.8		12.4		41.9		18.8
Total	\$	8.8	\$	12.4	\$	998.5	\$	18.8

Note: Amounts may not calculate due to rounding.

As a result of the decrease in commodity price forecasts at the end of the first quarter of 2020, specifically decreases in oil and NGL prices, we recorded impairment expense related to our South Texas proved oil and gas properties and related support facilities during the six months ended June 30, 2020. There were no proved oil and gas property impairments recorded during the same period in 2019. Unproved property abandonments and impairments recorded during the three and six months ended June 30, 2020, and 2019 related to actual and anticipated lease expirations, as well as actual and anticipated losses of acreage due to title defects, changes in development plans, and other inherent acreage risks.

We expect proved property impairments to occur more frequently in periods of declining or depressed commodity prices, and that the frequency of unproved property abandonments and impairments will fluctuate with the timing of lease expirations or defects, and changing economics associated with decreases in commodity prices. Additionally, changes in drilling plans, unsuccessful exploration activities, and downward engineering revisions may result in proved and unproved property impairments.

Reserve estimates and related impairments of proved and unproved properties are difficult to predict in a volatile price environment. If commodity prices for the products we produce remain depressed or decline further as a result of demand fundamentals associated with the Pandemic or competition among oil producing nations for crude oil market share, we may experience additional proved and unproved property impairments in the future. Given the uncertainties in commodity prices and the associated impacts they may have on service provider costs, we cannot predict with any reasonable certainty the likelihood or magnitude of further property impairments beyond those recorded during the six months ended June 30, 2020.

Please refer to Note 11 - Fair Value Measurements in Part I, Item 1 of this report for additional discussion of impairment expense.

General and administrative

	F	or the Three Jur	Mon ne 30,	ths Ended	For the Six Months Ended June 30,				
		2020 2019			2020	2019			
		(in millions)							
General and administrative	\$	27.2	\$	30.9	\$	54.7	\$	63.0	

G&A expense decreased 12 percent and 13 percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019. These decreases were primarily due to reduced overhead costs as a result of the reorganization that was announced in the fourth quarter of 2019 and the Pandemic. Please refer to the section A Three Month and Six Month Overview of Selected Production and Financial Information, Including Trendsabove for additional discussion of G&A expense in total and on a per BOE basis.

Net derivative (gain) loss

	For the Three Jun		For the Six Months Ended June 30,					
	 2020		2019		2020		2019	
	 (in millions)							
Net derivative (gain) loss	\$ 167.2	\$	(79.7)	\$	(378.1)	\$	97.4	

We recognized a \$545.3 million derivative gain in the first quarter of 2020 and a loss of \$167.2 million in the second quarter of 2020. The gain in the first quarter of 2020 was primarily driven by a \$471.9 million upward mark-to-market adjustment due to weakening oil prices during the first three months of the year. For the six months ended June 30, 2020, the derivative gain in the first quarter was partially offset by a derivative loss of \$167.2 million as a result of a \$309.7 million downward mark-to-market adjustment due to strengthening oil prices during the three months ended June 30, 2020. Additionally, we recognized gains on the settlement of derivative contracts of \$142.5 million and \$216.0 million during the three and six months ended June 30, 2020, respectively.

We recognized a \$177.1 million derivative loss in the first quarter of 2019 and a gain of \$79.7 million in the second quarter of 2019. The loss in the first quarter of 2019 was primarily driven by a \$172.1 million downward mark-to-market adjustment due to strengthening oil prices during the first three months of the year. For the six months ended June 30, 2019, the derivative loss recognized in the first quarter was partially offset by a derivative gain of \$79.7 million, as a result of a \$75.6 million upward mark-to-market adjustment due to weakening commodity prices during the three months ended June 30, 2019. In addition, we recognized a \$5.0 million loss and a \$4.1 million gain on derivative contracts that settled during the first and second quarters of 2019, respectively.

Please refer to Note 10 - Derivative Financial Instruments in Part I, Item 1 of this report for additional discussion.

Interest expense

	For the Three Jur	hs Ended	For the Six Months Ended June 30,					
	 2020 2		2019		2020	2019		
	(in millions)							
Interest expense	\$ 40.4	\$	39.6	\$	81.9	\$	77.6	

Interest expense increased two percent and five percent for the three and six months ended June 30, 2020, respectively, compared with the same periods in 2019. The increase for the six months ended June 30, 2020, was a result of an increase in interest expense associated with borrowings against our revolving credit facility in 2020, partially offset by a decrease in interest expense capitalized to wells. We expect interest expense related to our Senior Notes to remain relatively flat for the remainder of 2020 compared with 2019. Our expectation for interest expense for the remainder of 2020 remains unchanged as the increase related to the higher interest rate on the issuance of the 2025 Senior Secured Notes will be mostly offset by the decreased interest associated with the reduction in principal of Old Notes exchanged. Total interest expense is impacted by and can vary based on the timing and amount of borrowings against our revolving credit facility. Please refer to Note 5 - Long-Term Debt in Part I, Item 1 of this report and Overview of Liquidity and Capital Resources below for additional discussion.

Gain on extinguishment of debt

	F	or the Three Jun	Mont e 30,	hs Ended		s Ended	ed		
		2020 2019		2019		2020	2019		
				(in m	illions)	1			
Gain on extinguishment of debt	\$	227.3	\$	_	\$	239.5	\$		_

The Exchange Offers executed during the second quarter of 2020 resulted in a net gain on extinguishment of debt of \$227.3 million, which was primarily comprised of the partial principal redemption of Old Notes and the debt discount associated with the issuance of the 2025 Senior Secured Notes. During the three months ended March 31, 2020, we recorded a \$12.2 million net gain on the early extinguishment of a portion of our 2022 Senior Notes, which included discounts realized upon repurchase of \$12.4 million partially offset by approximately \$235,000 of accelerated unamortized deferred financing costs. Please refer to Note 5 - Long-Term Debt in Part I, Item 1 of this report for additional discussion on these transactions.

Income tax (expense) benefit

	F	or the Three	Mont ne 30,	hs Ended		For the Six Months Ended June 30,				
	-	2020		2019		2020		2019		
	-			(in millions,	except	tax rate)				
Income tax (expense) benefit	\$	36.7	\$	(13.6)	\$	135.7	\$	32.4		
Effective tax rate		29.1 %		21.2 %		21.3 %		20.3 %		

The increase in the income tax benefit rate for the three months ended June 30, 2020, compared to the income tax expense rate during the same period in 2019, was primarily due to the release of a valuation allowance on deferred tax assets during the second quarter of 2020, which increased the tax benefit rate. The increase in effective tax rate for the six months ended June 30, 2020, compared with the same period in 2019, reflects proportional income tax effects from differences between forecasted income or loss, estimated state permanent differences, excess tax deficiencies from stock-based compensation awards, and limits on expensing of certain covered individuals' compensation. Please refer to *Note 4 - Income Taxes* in Part I, Item 1 of this report for additional discussion.

Overview of Liquidity and Capital Resources

Based on the current commodity price environment, we believe we have sufficient liquidity and capital resources to achieve our operational objectives, while continuing to meet our current financial obligations in a challenging commodity price environment. We continue to manage the duration and level of our drilling and completion service commitments in order to maintain flexibility with regard to our activity level and capital expenditures, and we have successfully renegotiated certain contracts and have realized cost savings that directly support our objective of maximizing cash flows.

Sources of Cash

We currently expect our 2020 capital program to be funded by cash flows from operations with any remaining cash needs being funded by borrowings under our revolving credit facility. During the six months ended June 30, 2020, we generated \$332.5 million of cash flows from operating activities.

Although we expect cash flows from these sources to be sufficient to fund our expected 2020 capital program, we may also elect to raise funds through new debt or equity offerings or from other sources of financing. If we raise additional funds through the issuance of equity or convertible debt securities, the percentage ownership of our current stockholders could be diluted, and these newly-issued securities may have rights, preferences, or privileges senior to those of existing stockholders and bondholders. Additionally, we may enter into carrying cost and sharing arrangements with third parties for certain exploration or development programs. All of our sources of liquidity can be affected by the general conditions of the broader economy, force majeure events, and fluctuations in commodity prices, operating costs, and volumes produced, all of which affect us and our industry.

As a result of the current macroeconomic environment, our credit ratings were downgraded during the first half of 2020 by three major rating agencies. These downgrades and any future downgrades in our credit ratings could make it more difficult or expensive for us to borrow additional funds. We have no control over the market prices for oil, gas, or NGLs, although we may be able to influence the amount of our realized revenues from our oil, gas, and NGL sales through the use of derivative contracts as part of our commodity price risk management program. Current or future macroeconomic events may negatively impact our ability to capitalize on these contracts. Please refer to *Note 10 - Derivative Financial Instruments* in Part I, Item 1 of this report for additional information about our oil, gas, and NGL derivative contracts currently in place and the timing of settlement of those contracts.

Credit Agreement

Our Credit Agreement provides for a senior secured revolving credit facility with a maximum loan amount of \$2.5 billion The borrowing base under the Credit Agreement is subject to regular, semi-annual redetermination, and considers the value of both our (a) proved oil and gas properties reflected in the most recent reserve report provided to our lenders under the Credit Agreement; and (b) commodity derivative contracts, each as determined by our lender group. During the second quarter of 2020, we completed the semi-annual borrowing base redetermination with our lenders, and entered into the Amendments, as defined in *Note 5 - Long-Term Debt* in Part I, ttem 1 of this report. As a result of lower commodity prices and a corresponding decrease in the value of our proved reserves, the borrowing base and aggregate lender commitments were both reduced to \$1.1 billion. The Amendments allowed for Permitted Second Lien Debt of up to \$1.0 billion, inclusive of the 2021 Senior Convertible Notes, provided that all principal amounts of such debt are used to redeem unsecured senior debt of the Company for less than or equal to 80% of par value. As of June 30, 2020, the Company has \$487.8 million of available Permitted Second Lien Debt capacity available to be used prior to the next scheduled redetermination date of October 1, 2020. As of June 30, 2020, the remaining available borrowing capacity under our Credit Agreement provided \$865.0 million in liquidity; however, our borrowing base can be adjusted as a result of changes in commodity prices, acquisitions or divestitures of proved properties, or financing activities. No individual bank participating in our Credit Agreement represents more than 10 percent of the lender commitments under the Credit Agreement. Please refer to *Note 5 - Long-Term Debt* in Part I, Item 1 of this report for additional discussion as well as the presentation of the outstanding balance, total amount of letters of credit, and available borrowing capacity under our Credit Agreement as of July 23, 202

We must comply with certain financial and non-financial covenants under the terms of the Credit Agreement, including covenants limiting dividend payments and requiring that we maintain certain financial ratios, as set forth in the Credit Agreement. The financial covenants under the Credit Agreement require that our (a) total funded debt, as defined in the Credit Agreement, to 12-month trailing adjusted EBITDAX ratio cannot be greater than 4.00 to 1.00 on the last day of each fiscal quarter; and (b) adjusted current ratio, as defined in the Credit Agreement, cannot be less than 1.0 to 1.0 as of the last day of any fiscal quarter. We were in compliance with all financial and non-financial covenants as of June 30, 2020, and through the filing of this report. Please refer to the caption Non-GAAP Financial Measures below for our definition of adjusted EBITDAX and reconciliations of net income (loss) and net cash provided by operating activities to adjusted EBITDAX.

Our daily weighted-average revolving credit facility debt balance was \$121.9 million and \$107.6 million for the three months ended June 30, 2020, and 2019, respectively, and \$113.0 million and \$60.1 million for the six months ended June 30, 2020, and 2019, respectively. Cash flows provided by our operating activities, proceeds received from divestitures of properties, capital markets activities, and our capital expenditures, including acquisitions, all impact the amount we borrow under our revolving credit facility.

Under our Credit Agreement, borrowings in the form of Eurodollar loans accrue interest based on LIBOR. The use of LIBOR as a global reference rate is expected to be discontinued after 2021. Our Credit Agreement specifies that if LIBOR is no longer a widely used benchmark rate, or if it is no longer used for determining interest rates for loans in the United States, a replacement interest rate that fairly reflects the cost to the lenders of funding loans shall be established by the Administrative Agent, as defined in the Credit Agreement, in consultation with us. We currently do not expect the transition from LIBOR to have a material impact on interest expense or borrowing activities under the Credit Agreement, or to otherwise have a material adverse impact on our business. Please refer to Note 1 - Summary of Significant Accounting Policies for discussion of FASB ASU 2020-04 which provides guidance related to reference rate reform.

Weighted-Average Interest and Weighted-Average Borrowing Rates

Our weighted-average interest rate includes paid and accrued interest, fees on the unused portion of the aggregate commitment amount under the Credit Agreement, letter of credit fees, the non-cash amortization of deferred financing costs, and the non-cash amortization of the discounts related to the 2025 Senior Secured Notes and 2021 Senior Secured Convertible Notes. Our weighted-average borrowing rate includes paid and accrued interest only.

The following table presents our weighted-average interest rates and our weighted-average borrowing rates for the three and six months ended June 30, 2020, and 2019:

	For the Three Mo June 3		For the Six Months Ended June 30,		
	2020	2019	2020	2019	
Weighted-average interest rate	6.7 %	6.5 %	6.6 %	6.5 %	
Weighted-average borrowing rate	5.8 %	5.7 %	5.8 %	5.8 %	

Our weighted-average interest rates and weighted average borrowing rates are impacted by the timing of long-term debt issuances and redemptions and the average outstanding balance on our revolving credit facility. Additionally, our weighted-average interest rates are impacted by the fees paid on the unused portion of our aggregate lender commitments. The rates disclosed in the above table do not reflect amounts associated with the early redemption of certain of our Old Notes, such as the acceleration of

unamortized deferred financing costs, as these amounts are netted against the associated gain or loss on extinguishment of debt. Please refer to Note 5 - Long-Term Debt in Part I, Item 1 of this report for additional discussion.

Uses of Cash

We use cash for the development, exploration, and acquisition of oil and gas properties and for the payment of operating and general and administrative costs, income taxes, dividends, and debt obligations, including interest. Expenditures for the development, exploration, and acquisition of oil and gas properties are the primary use of our capital resources. During the six months ended June 30, 2020, we spent \$310.2 million on capital expenditures. This amount differs from the costs incurred amount of \$301.4 million for the six months ended June 30, 2020, as costs incurred is an accrual-based amount that also includes asset retirement obligations, geological and geophysical expenses, acquisitions of oil and gas properties, and exploration overhead amounts.

The amount and allocation of our future capital expenditures will depend upon a number of factors, including our cash flows from operating, investing, and financing activities, our ability to execute our development program, and the number and size of acquisitions. In addition, the impact of oil, gas, and NGL prices on investment opportunities, the availability of capital, and the timing and results of our exploration and development activities may lead to changes in funding requirements for future development. We periodically review our capital expenditure budget and guidance to assess if changes are necessary based on current and projected cash flows, acquisition and divestiture activities, debt requirements, and other factors. We entered 2020 with a total capital program budgeted to be between \$825 million and \$850 million. However, given the macroeconomic events discussed throughout this report, we currently expect to reduce our 2020 capital program budget by approximately 25 percent for the full year 2020. We are unable to reasonably estimate the period of time that these market conditions will exist, the extent of the impact they will have on our business, liquidity, results of operations, financial condition, or the timing of any subsequent recovery. We will continue to monitor the economic environment throughout the year and adjust our activity level as warranted.

We may from time to time repurchase or redeem all or portions of our outstanding debt securities for cash, through exchanges for other securities, or a combination of both. Such repurchases or exchanges may be made in open market transactions, privately negotiated transactions, or otherwise. Any such repurchases or exchanges will depend on prevailing market conditions, our liquidity requirements, contractual restrictions, compliance with securities laws, and other factors. The amounts involved in any such transaction may be material. During the first quarter of 2020, we repurchased a total of \$40.7 million of our 2022 Senior Notes in open market transactions at a discount, resulting in a net gain on extinguishment of debt of \$12.2 million. During the second quarter of 2020, we completed the Exchange Offers which resulted in the exchange of \$718.9 million in aggregate principal amount of Old Notes for \$446.7 million in aggregate principal amount of 2025 Senior Secured Notes, as well as, in connection with the Private Exchange, (a) \$53.5 million in cash to certain holders of the 2021 Senior Convertible Notes, which was borrowed against our revolving credit facility, and (b) warrants to acquire up to an aggregate of approximately 5.9 million shares, or approximately five percent of our outstanding common stock, exercisable upon the occurrence of certain future triggering events. Please refer to *Note 5 - Long-Term Debt* and *Note 11 - Fair Value Measurements* in Part I, Item 1 of this report for additional discussion. As part of our strategy for 2020, we expect to continue to focus on improving our debt metrics, which could include further reducing the amount of our outstanding debt.

As of the filing of this report, we could repurchase up to 3,072,184 shares of our common stock under our stock repurchase program, subject to the approval of our Board of Directors. Shares may be repurchased from time to time in the open market, or in privately negotiated transactions, subject to market conditions and other factors, including certain provisions of our Credit Agreement, the indentures governing each series of our outstanding Senior Notes, compliance with securities laws, and the terms and provisions of our stock repurchase program. Our Board of Directors periodically reviews this program as part of the allocation of our capital. During the six months ended June 30, 2020, we did not repurchase any shares of our common stock, and we currently do not plan to repurchase any outstanding shares of our common stock during the remainder of 2020.

Analysis of Cash Flow Changes Between the Six Months Ended June 30, 2020, and 2019

The following tables present changes in cash flows between the six months ended June 30, 2020, and 2019, for our operating, investing, and financing activities. The analysis following each table should be read in conjunction with our accompanying unaudited condensed consolidated statements of cash flows in Part I, Item 1 of this report.

Operating activities

	 For the Six Months Ended June 30,			Amount Change Between Periods		
	 2020 2019			Detween Ferious		
			(in millions)			
Net cash provided by operating activities	\$ 332.5	\$	378.4	\$	(45.9)	

The decrease in net cash provided by operating activities primarily consists of a decrease in cash received from oil, gas, and NGL production revenues, net of transportation costs and production taxes of \$114.2 million, an increase in cash paid for LOE and ad valorem taxes of \$10.6 million, an increase in cash paid for interest of \$14.7 million, as well as working capital changes and the timing of cash receipts and disbursements for the six months ended June 30, 2020, compared with the same period in 2019. These

decreases in cash provided by operating activities are partially offset by an increase of \$182.8 million in cash received from settled derivative trades for the six months ended June 30, 2020, compared with the same period in 2019.

Investing activities

		For the Six Months Ended June 30,			Amount Change Between Periods	
		2020 2019		2019	Detween Fellous	
	<u></u>			(in millions)		
Net cash used in investing activities	\$	(310.1)	\$	(563.3)	\$	253.2

Net cash used in investing activities decreased for the six months ended June 30, 2020, compared with the same period in 2019, primarily due to reduced capital expenditures of \$265.9 million.

Financing activities

	For the Six Months Ended June 30,				Amount Change Between Periods		
		2020 2019			Detween Ferious		
			(in	millions)			
Net cash provided by (used in) financing activities	\$	(22.4)	\$	113.3	\$	(135.7)	

Net cash used in financing activities for the six months ended June 30, 2020 related to debt issuance costs incurred upon the issuance of the 2025 Senior Secured Notes and net cash paid to repurchase certain of our Senior Unsecured Notes. Net cash provided by financing activities for the six months ended June 30, 2019 was driven by borrowings under our credit facility used to fund capital expenditures.

During the first quarter of 2020, we repurchased a total of \$40.7 million in aggregate principal amount of our 2022 Senior Notes in open market transactions for cash paid, excluding interest, of \$28.3 million. There were no debt transactions related to our Senior Notes during the same period in 2019. Please refer to *Note 5 - Long-Term Debt* in Part I, Item 1 of this report for additional discussion.

Interest Rate Risk

We are exposed to market risk due to the floating interest rate associated with any outstanding balance on our revolving credit facility. As of June 30, 2020, we had a \$193.0 million balance on our revolving credit facility. Our Credit Agreement allows us to fix the interest rate for all or a portion of the principal balance of our revolving credit facility for a period up to six months. To the extent that the interest rate is fixed, interest rate changes will affect the revolving credit facility's fair value but will not impact results of operations or cash flows. Conversely, for the portion of the revolving credit facility that has a floating interest rate, interest rate changes will not affect the fair value but will impact future results of operations and cash flows. Changes in interest rates do not impact the amount of interest we pay on our fixed-rate Senior Unsecured Notes or fixed-rate Senior Secured Notes but can impact their fair values. As of June 30, 2020, our outstanding principal amount of fixed-rate debt totaled \$2.3 billion and our floating-rate debt outstanding totaled \$193.0 million. Please refer to *Note 11 - Fair Value Measurements* in Part I, Item 1 of this report for additional discussion on the fair values of our Senior Secured Notes and Senior Unsecured Notes.

Commodity Price Risk

The prices we receive for our oil, gas, and NGL production directly impact our revenue, profitability, access to capital, and future rate of growth. Oil, gas, and NGL prices are subject to unpredictable fluctuations resulting from a variety of factors, including changes in supply and demand and the macroeconomic environment, all of which are typically beyond our control. The markets for oil, gas, and NGLs have been volatile, especially over the last several months and years. In recent months, oil, gas, and NGL prices weakened to historic lows as a result of various macroeconomic events and will likely continue to be volatile in the future. The realized prices we receive for our production also depend on numerous factors that are typically beyond our control. Based on our production for the six months ended June 30, 2020, a 10 percent decrease in our average realized oil, gas, and NGL prices, before the effects of derivative settlements, would have reduced our oil, gas, and NGL production revenues by approximately \$41.1 million, \$7.6 million, and \$3.7 million, respectively. If commodity prices had been 10 percent lower, our net derivative settlements for the six months ended June 30, 2020, would have offset the declines in oil, gas, and NGL production revenue by approximately \$37.8 million.

We enter into commodity derivative contracts in order to reduce the risk of fluctuations in commodity prices. The fair value of our commodity derivative contracts is largely determined by estimates of the forward curves of the relevant price indices. As of June 30, 2020, a 10 percent increase or decrease in the forward curves associated with our oil, gas, and NGL commodity derivative instruments would have changed our net derivative positions for these products by approximately \$105.2 million, \$21.1 million, and \$1.7 million, respectively.

Off-Balance Sheet Arrangements

As part of our ongoing business, we have not participated in transactions that generate relationships with unconsolidated entities or financial partnerships, such as entities often referred to as structured finance or special purpose entities ("SPEs"), which would have been established for the purpose of facilitating off-balance sheet arrangements or other contractually narrow or limited purposes.

We evaluate our transactions to determine if any variable interest entities exist. If we determine that we are the primary beneficiary of a variable interest entity, that entity is consolidated into our consolidated financial statements. We have not been involved in any unconsolidated SPE transactions during the six months ended June 30, 2020, or through the filing of this report.

Critical Accounting Policies and Estimates

Please refer to the corresponding section in Part II, Item 7 and to Note 1 - Summary of Significant Accounting Policies included in Part II, Item 8 of our 2019 Form 10-K for discussion of our accounting policies and estimates.

New Accounting Pronouncements

Please refer to Note 1 - Summary of Significant Accounting Policies under Part I, Item 1 of this report for new accounting pronouncements.

Non-GAAP Financial Measures

Adjusted EBITDAX represents net income (loss) before interest expense, interest income, income taxes, depletion, depreciation, amortization and asset retirement obligation liability accretion expense, exploration expense, property abandonment and impairment expense, non-cash stock-based compensation expense, derivative gains and losses net of settlements, gains and losses on divestitures, gains and losses on extinguishment of debt, and certain other items. Adjusted EBITDAX excludes certain items that we believe affect the comparability of operating results and can exclude items that are generally non-recurring in nature or whose timing and/or amount cannot be reasonably estimated. Adjusted EBITDAX is a non-GAAP measure that we believe provides useful additional information to investors and analysts, as a performance measure, for analysis of our ability to internally generate funds for exploration, development, acquisitions, and to service debt. We are also subject to financial covenants under our Credit Agreement based on adjusted EBITDAX ratios as further described in the Credit Agreement section in Overview of Liquidity and Capital Resources above. In addition, adjusted EBITDAX is widely used by professional research analysts and others in the valuation, comparison, and investment recommendations of companies in the oil and gas exploration and production industry, and many investors use the published research of industry research analysts in making investment decisions. Adjusted EBITDAX should not be considered in isolation or as a substitute for net income (loss), income (loss) from operations, net cash provided by operating activities, or other profitability or liquidity measures prepared under GAAP. Because adjusted EBITDAX excludes some, but not all items that affect net income (loss) and may vary among companies, the adjusted EBITDAX amounts presented may not be comparable to similar metrics of other companies. Our revolving credit facility provides a material source of liquidity for us. Under the terms of our Credit Agreement, if we failed to comply with the covenants that establish a maximum permitted ratio of total funded debt, as defined in the Credit Agreement, to adjusted EBITDAX, we would be in default, an event that would prevent us from borrowing under our revolving credit facility and would therefore materially limit a significant source of our liquidity. In addition, if we are in default under our revolving credit facility and are unable to obtain a waiver of that default from our lenders, lenders under that facility and under the indentures governing each series of our outstanding Senior Notes would be entitled to exercise all of their remedies for default.

The following table provides reconciliations of our net income (loss) (GAAP) and net cash provided by operating activities (GAAP) to adjusted EBITDAX (non-GAAP) for the periods presented:

	For the Three Months Ended June 30,				For the Six Months Ende June 30,			
	2020		2019		2020		2019	
			(in tho	usar	ands)			
Net income (loss) (GAAP)	\$ (89,252)	\$	50,388	\$	(501,147)	\$	(127,180)	
Interest expense	40,354		39,627		81,866		77,607	
Income tax expense (benefit)	(36,685)		13,590		(135,693)		(32,448)	
Depletion, depreciation, amortization, and asset retirement obligation liability accretion	180,856		206,330		414,345		384,076	
Exploration (1)	8,696		9,586		19,088		19,729	
Impairment	8,750		12,417		998,513		18,755	
Stock-based compensation expense	5,712		6,154		11,273		11,992	
Net derivative (gain) loss	167,200		(79,655)		(378,140)		97,426	
Derivative settlement gain (loss)	142,528		4,090		215,965		(879)	
Net gain on divestiture activity	(91)		(262)		(91)		(323)	
Gain on extinguishment of debt	(227,281)		_		(239,476)		_	
Other, net	703		691		1,036		695	
Adjusted EBITDAX (non-GAAP)	201,490		262,956		487,539		449,450	
Interest expense	(40,354)		(39,627)		(81,866)		(77,607)	
Income tax (expense) benefit	36,685		(13,590)		135,693		32,448	
Exploration (1)	(8,696)		(9,586)		(19,088)		(19,729)	
Amortization of debt discount and deferred financing costs	4,586		3,844		8,578		7,633	
Deferred income taxes	(36,921)		13,766		(136,268)		(33,237)	
Other, net	(3,714)		552		(4,863)		(1,982)	
Net change in working capital	(38,737)		41,613		(57,254)		21,454	
Net cash provided by operating activities (GAAP)	\$ 114,339	\$	259,928	\$	332,471	\$	378,430	

⁽¹⁾ Stock-based compensation expense is a component of the exploration expense and general and administrative expense line items on the accompanying statements of operations. Therefore, the exploration line items shown in the reconciliation above will vary from the amount shown on the accompanying statements of operations for the component of stock-based compensation expense recorded to exploration expense.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

The information required by this item is provided under the captions Interest Rate Risk and Commodity Price Risk in Item 2 above, as well as under the section entitled Summary of Oil, Gas, and NGL Derivative Contracts in Placein Note 10 - Derivative Financial Instruments in Part I, Item 1 of this report and is incorporated herein by reference. Please also refer to the information under Interest Rate Risk and Commodity Price Risk in Management's Discussion and Analysis of Financial Condition and Results of Operations in Part II, Item 7 of our 2019 Form 10-K.

ITEM 4. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

We maintain a system of disclosure controls and procedures that are designed to reasonably ensure that information required to be disclosed in our SEC reports is recorded, processed, summarized, and reported within the time periods specified in the SEC's rules and forms, and to reasonably ensure that such information is accumulated and communicated to our management, including our Chief Executive Officer and our Chief Financial Officer, as appropriate, to allow for timely decisions regarding required disclosure.

Our management, including our Chief Executive Officer and our Chief Financial Officer, does not expect that our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) of the Exchange Act) ("Disclosure Controls") will prevent all errors and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within our company have been detected. These inherent limitations include the realities that judgments in decision-making can be faulty, and that breakdowns can occur because of simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons, by collusion of two or more people, or by management override of the control. The design of any system of controls also is based in part upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions. Because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected. We monitor our Disclosure Controls and make modifications as necessary; our intent in this regard is that the Disclosure Controls will be modified as systems change and conditions warrant.

An evaluation of the effectiveness of the design and operation of our Disclosure Controls was performed as of the end of the period covered by this report. This evaluation was performed under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer. Based upon that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our Disclosure Controls are effective at a reasonable assurance level.

Changes in Internal Control Over Financial Reporting

There have been no changes during the second quarter of 2020 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

From time to time, we may be involved in litigation relating to claims arising out of our business and operations in the normal course of business. As of the filing of this report, no legal proceedings are pending against us that we believe individually or collectively are expected to have a materially adverse effect upon our financial condition, results of operations or cash flows.

SPM NAM LLC. et al., v. SM Energy Company Case No. 2018-07160, in the 189th Judicial District of Harris County, Texas. The case remains in discovery and the original trial date of June 22, 2020 was postponed in light of the Pandemic. As of the filing of this report, the trial is expected to begin during the fourth quarter of 2020. Please refer to Legal Proceedings in Part I, Item 3 of the 2019 Form 10-K for additional detail regarding this case.

Other than as described above, there have been no material changes to the legal proceedings as previously disclosed in ougo19 Form 10-K.

ITEM 1A. RISK FACTORS

The global COVID-19 Pandemic has impacted and will likely continue to impact us, and could have a material adverse effect on our business, financial condition, liquidity, results of operations and prospects.

Since the beginning of 2020, the Pandemic has spread across the globe and disrupted economies around the world, including the oil, gas and NGL industry in which we operate. The rapid spread of the virus has led to the implementation of various responses, including federal, state and local government-imposed quarantines, shelter-in-place mandates, sweeping restrictions on travel, and other public health and safety measures, nearly all of which have materially reduced global demand for crude oil. The extent to which the Pandemic impacts will continue to affect our business, financial condition, liquidity, results of operations, prospects, and the demand for our production will depend on future developments, which are highly uncertain and cannot be predicted with confidence, including the duration or any recurrence of the outbreak and responsive measures, additional or modified government actions, new information which may emerge concerning the severity of the Pandemic, and the effectiveness of actions taken to contain the coronavirus or treat its impact, such as development of a vaccine or other treatment protocol, now or in the future, among others.

Some impacts of the Pandemic that could have an adverse effect on our business, financial condition, liquidity and results of operations, include:

- significantly reduced prices for our oil, gas, and NGL production, resulting from a world-wide decrease in demand for hydrocarbons and a resulting oversupply of
 existing production;
- further decreases in the demand for our oil, gas, and NGL production, resulting from significantly decreased levels of global, regional and local travel as a result of federal, state and local government-imposed quarantines, including shelter-in-place mandates, enacted to slow the spread of the virus;
- the continuing possibility that we may further voluntarily curtail or shut-in production, resulting from depressed oil prices, lack of storage, and other market or political forces, or that we may curtail or shut-in production as a result of third-party and regulatory mandates;
- · increased costs associated with, or actual unavailability of, facilities for the storage of oil, gas, and NGL production, in the markets in which we operate;
- · increased operational difficulties associated with, or an inability to, deliver oil, gas, and NGLs to end-markets, resulting from pipeline and storage constraints;
- the potential for loss of leasehold or asset value for failure to produce oil and gas in paying quantities as a result of significantly lower commodity prices, or failures
 or difficulties in bringing shut-in wells back online at their prior production levels, or other factors related to the misalignment of supply and demand, and the potential
 to incur significant costs associated with litigation related to the foregoing;
- increased third-party credit risk, including the risk that counterparties may not accept the delivery of our oil, gas, and NGL production, resulting from adverse market conditions, a lack of access to capital and the failure of certain of our counterparties to continue as going concerns;
- increased likelihood that counterparties to our existing agreements may seek to invoke force majeure provisions to avoid the performance of contractual obligations, resulting from significantly adverse market conditions;
- · decreased ability to access the capital markets or other sources of capital;
- cyber attacks or information security breaches resulting in information theft, data corruption, operational disruption, rendering data or systems unusable, and/or
 financial loss as a consequence of employees working and accessing information from remote work locations;

- increased costs and staffing requirements related to facility modifications, social distancing measures or other best practices implemented in connection with federal, state or local government, and voluntarily imposed guarantines or other regulations or guidelines concerning physical gatherings;
- risks associated with companies and/or individuals moving to a permanent remote work status such that certain elements of demand may never recover to previous, historic levels:
- · loss of talent in our industry including technical personnel and other professionals as people pursue other industries; and
- · increased legal and operational costs related to compliance with significant changes in federal, state, and local laws and regulations.

To the extent the Pandemic continues to adversely affect the global economy, and/or adversely affects our business, financial condition, liquidity, results of operations and prospects it may also increase the likelihood and/or magnitude of other risks described in Risk Factors in Part I, Item 1A of our 2019 Form 10-K and in this report, including those risks related to market, credit, geopolitical and business operations, or risks described in our other filings with the SEC. In addition, the Pandemic, or any recurrence of the outbreak may also affect our business, operations or financial condition in a manner that is not presently known to us or that we currently do not expect to present a significant risk to our business, operations, or financial condition. Also, the extent and duration of the impacts of macroeconomic events and the Pandemic on our stock price and that of our peer companies is uncertain and may make us look less attractive to investors and, as a result, there may be a less active trading market for our common stock, our stock price may be more volatile and our ability to raise capital could be impaired. Any such future developments are dependent upon factors including, but are not limited to, the duration and spread of the outbreak, its severity, any recurrence of the outbreak, the actions to contain the virus or treat its impact, the size and effectiveness of the compensating measures taken by governments, and how quickly and to what extent normal economic and operating conditions can resume.

The ability or willingness of the Organization of the Petroleum Exporting Countries ("OPEC"), Russia and other oil exporting nations to set, maintain and enforce production levels has a significant impact on oil, gas and NGL commodity prices, which could have a material adverse effect on our business, financial condition, liquidity and results of operations.

OPEC is an intergovernmental organization that seeks to manage the price and supply of oil and oil pricing on the global energy market. Actions taken by OPEC member countries, including those taken along with other oil exporting nations, have a significant impact on global oil supply and pricing. In March 2020, members of OPEC and ten other oil producing countries ("OPEC+") met to discuss how to respond to the potential market effects of the Pandemic. The meeting ended in discord regarding production cuts and oil pricing among OPEC, Russia, and other oil exporting nations. These actions flooded the global market with an oversupply of crude oil, and led to an immediate and steep decrease in global oil prices. In early April 2020, in response to significantly depressed global oil prices, 23 countries, led by Saudi Arabia, Russia and the United States, committed to implement reductions in world oil production.

There can be no assurance that measures to limit global production will stabilize oil prices or that they will be maintained. The impacts of the Pandemic continue to be unpredictable and future case surges or outbreaks may continue to have further negative effects on global oil demand, despite the concerted action to reduce global production. Further, there is a lack of transparency regarding production volumes among oil-producing nations, and there are limited enforcement mechanisms for real or perceived violations of the production cuts. In connection with past production cuts, OPEC has at times failed to enforce its own production limits on violating members, with no official mechanism for punishing member countries that do not comply. There can be no assurance that OPEC and non-OPEC member countries will abide by the quotas or that OPEC will enforce the quotas. Additionally, certain other countries with free-market economies that agreed to reduce production, are unable to impose mandatory production cuts on non-OPEC oil producers operating in their countries, but instead expect to realize a decrease in production through market forces, as companies tend to cut production voluntarily when prices drop. For such countries, there can be no assurance that oil producers will react in the desired manner or that the market will behave as expected. Uncertainty regarding the effectiveness and enforcement of the production cuts is likely to lead to increased volatility in the supply and demand of oil and the price of oil, all of which could have a material adverse effect on our business, financial condition, liquidity and results of operations.

If we cannot continue to meet the continued listing requirements of the New York Stock Exchange (the "NYSE"), the NYSE may delist our common stock, which would have an adverse impact on the trading volume, liquidity and market price of our common stock and allow holders of our 2021 Senior Secured Convertible Notes to require us to repurchase their notes.

Pursuant to the NYSE Listed Company Manual, a company will be considered to be out of compliance with the NYSE's continued listing standards if the average trading price of its common stock over any consecutive 30-trading-day period falls below \$1.00 per share, which is the minimum average closing price required to maintain listing on the NYSE. While we continue to maintain compliance with the minimum average closing price required to maintain listing on the NYSE through the filing of this report, if we do not maintain an average closing price of \$1.00 or more for our common stock over any consecutive 30 trading-day period, the NYSE may delist our common stock over any consecutive 30 trading-day period, the NYSE may delist our common stock over any consecutive 30 trading-day period, the NYSE may delist our common stock over any consecutive 30 trading-day period, the NYSE may delist our common stock over any consecutive 30 trading-day period, the NYSE may delist our common stock over any consecutive 30 trading-day period, the NYSE may delist our common stock over any consecutive 30 trading-day period, the NYSE may delist our common stock over any consecutive 30 trading-day period, the NYSE may delist our common stock over any consecutive 30 trading-day period, the NYSE may delist our common stock over any consecutive 30 trading-day period, the NYSE through the N

closing stock price of at least \$1.00 over the 30trading-day period ending on the last trading day of that month. However, there can be no assurance that we would be able to regain compliance during such cure period.

A delisting of our common stock from the NYSE could negatively impact us by, among other things: reducing the liquidity and market price of our common stock; reducing the number of investors willing to hold or acquire our common stock, which could negatively impact our ability to raise equity financing; decreasing the number of equity analysts that cover and report on our common stock, which could further reduce the number of investors willing to hold or acquire our common stock; and limiting our ability to issue additional securities or obtain additional financing in the future. In addition, delisting from the NYSE is likely to negatively impact our reputation and, as a consequence, our business.

Further, if our common stock is delisted by the NYSE (and we are not eligible to become listed on other specified exchanges), holders of our 2021 Senior Secured Convertible Notes would have a right to require us to repurchase the 2021 Senior Secured Convertible Notes at a purchase price equal to 100% of the principal amount thereof, plus accrued and unpaid interest thereon. As of June 30, 2020, \$65.5 million aggregate principal amount of the 2021 Senior Secured Convertible Notes was outstanding, and there can be no assurance we would have sufficient funds available to us to repurchase the 2021 Senior Secured Convertible Notes put to us if required to do so in connection with a delisting. Failure to repurchase the 2021 Senior Secured Convertible Notes put to us could, subject to a 60-day right to cure set forth in the 2021 Notes Indenture, result in (a) an event of default under the supplemental indenture, and (b) the potential acceleration of our obligation to repay all outstanding 2021 Senior Secured Convertible Notes, and could cause a cross-default under our other outstanding indebtedness, which could result in the foreclosure on the collateral securing our secured debt. As a result, we could be forced into bankruptcy or liquidation.

The depressed price of our common stock and market capitalization, resulting from the current macroeconomic environment and historically low commodity prices, could cause the Company to be subject to an unsolicited or hostile acquisition bid, which could result in substantial costs and diversion of management attention.

Due to the currently constrained macroeconomic environment and historically low commodity prices, the price of our common stock and market capitalization are significantly depressed. A relatively low stock price may cause us to become subject to an unsolicited or hostile acquisition bid, or other change in control. There can be no assurance that a third-party will not make an unsolicited takeover proposal in the future or take other action to acquire control of us or to otherwise influence our management and policies. Although we have certain anti-takeover measures in place, we have not adopted a shareholder rights plan, commonly known as a poison pill. The lack of this particular anti-takeover measure could make a change in control of us easier to accomplish.

Considering and responding to any future acquisition proposal or other stockholder action designed to acquire control, including the litigation that often accompanies such actions, is likely to be costly and time-consuming. Evaluating and addressing these overtures would require the time and attention of our management and Board of Directors, divert them from their focus on our business, and require us to incur additional expenses on outside legal, financial and other advisors, all of which could materially and adversely affect our business, financial condition and results of operations. Further, in the event that such an unsolicited or hostile bid is publicly disclosed, it may result in increased speculation and volatility in the price of our common stock.

There have been no other material changes to the risk factors as previously disclosed in out 2019 Form 10-K, our Form 10-Q for the quarter ended March 31, 2020 and our 2020 Proxy Statement.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

There were no purchases made by us or any affiliated purchaser (as defined in Rule 10b-18(a)(3) under the Exchange Act) during the three months ended June 30, 2020, of shares of our common stock, which is the sole class of equity securities registered by us pursuant to Section 12 of the Exchange Act.

In July 2006, our Board of Directors approved an increase in the number of shares that may be repurchased under the original August 1998 authorization to 6,000,000 as of the effective date of the resolution. Accordingly, as of the filing of this report, subject to the approval of our Board of Directors, we may repurchase up to 3,072,184 shares of common stock on a prospective basis. The shares may be repurchased from time to time in open market transactions or privately negotiated transactions, subject to market conditions and other factors, including certain provisions of our Credit Agreement, the indentures governing our Senior Secured Notes and Senior Unsecured Notes, and compliance with securities laws. Stock repurchases may be funded with existing cash balances, internal cash flows, or borrowings under our Credit Agreement. The stock repurchase program may be suspended or discontinued at any time. During the three months ended June 30, 2020, we did not repurchase any shares of our common stock, and we currently do not plan to repurchase any outstanding shares of our common stock during the remainder of 2020.

Our payment of cash dividends to our stockholders is subject to certain covenants under the terms of our Credit Agreement, Senior Secured Notes, and Senior Unsecured Notes. Based on our current performance, we do not anticipate that any of these covenants will limit our payment of dividends at our current rate for the foreseeable future if any dividends are declared by our Board of Directors.

ITEM 6. EXHIBITS

The following exhibits are filed or furnished with or incorporated by reference into this report:

Restated Certificate of Incorporation of SM Energy Company, as amended through June 1, 2010 (filled as Exhibit 3.1 to the registrant's Outsterly Report on Form 10-0 for the quarter ended June 19, 2010, and incorporated herein by reference)	Exhibit Number	<u>Description</u>
4.1 Third Supplemental Indenture, dated as of April 29, 2020, to the Indenture, dated as of May 21, 2015, between the Company and U.S. Bank National Association, as trustee, as supplemented and amended by the Second Supplemental Indenture, dated as of August 12, 2016 governmental indenture, dated as of August 12, 2020, between SME nergy Company and UMB Bank, N.A., as trustee, overning the Company's outstanding incorporated therein by reference). 4.3 Warrant Agreement dated as of June 17, 2020, among SME Energy Company, Computershare Inc., and Computershare Trust Company, N.A., collectively as warrant agent (filed as Exhibit 4.2 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference). 10.1 Third Amendment to the Sixth Amended and Restated Credit Agreement, dated April 29, 2020, among SM Energy Company, Wells Fargo Bank, National Association, as Administrative Agent, and the institutions named therein as Lenders that are party thereto (filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein post reference). 10.2 Fourth Amendment to the Sixth Amended and Restated Credit Agreement, dated as of May 5, 2020, by and among the Company, Wells Fargo Bank, National Association, as Administrative Agent, and the institutions named therein as Lenders that are party thereto (filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference). 10.3 Party Agent	3.1	
National Association, as trustee, as supplemented and amended by the Second Supplemental Indenture, dated as of August 12, 2016 governing the Company's outstanding 1.50% Senior Convertible Notes due 2017 to the registrant's Current Report on Form B-K filled on April 29, 2020, and incorporated herein by reference) 10.0% Senior Secured Notes due 2025 (filed as Exhibit 4.1 to the registrant's Current Report on Form B-K filed on June 17, 2020, and incorporated herein by reference) 4.3 Warrant Agreement dated as of June 17, 2020, among SM Energy Company, Computershare Inc., and Inc., and Computershare Inc., and Computershare Inc., and Inc., and Computershar	3.2	
10.0% Senior Secured Notes due 2025 (filed as Exhibit 4.1 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) Warrant Agreement dated as of June 17, 2020, among SM Energy Company. Computershare Inc., and Computershare Trust Company. N.A. collectively as warrant agent (filed as Exhibit 4.2 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) Thrid Amendment to the Sixth Amended and Restated Credit Agreement, dated April 29, 2020, among SM Energy Company. Wells Fargo Bank. National Association, as Administrative Agent, and the institutions named therein as Lenders that are party thereto (filed as Exhibit 10.1 to the registrant's Current Report on Form 10-Q for the quarter ended March 31, 2020, and incorporated herein by reference) 10.2 Fourth Amendment to the Sixth Amended and Restated Credit Agreement, dated as of May 5, 2020, by and among the Company. Wells Fargo Bank. National Association, as Administrative Agent, and the institutions named therein as Lenders that are a party thereto (filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed on May 6, 2020, and incorporated herein by reference) 10.3 Intercreditor Agreement dated as of June 17, 2020 among SM Energy Company. Wells Fargo Bank. National Association, as priority lies agent, and UMB Bank. N.A. as second lien collateral trustee (filed as Exhibit 10.4 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) 10.4 Second Lien Fledge and Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank. N.A. as collateral trustee (filed as Exhibit 10.3 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) 10.5 Second Lien Fledge and Security Agreement dated as of June 17, 2020 among Company, and UMB Bank. N.A., as collateral trustee (filed as Exhibit 10.3 to the registrant's Current Report on Form	4.1	National Association, as trustee, as supplemented and amended by the Second Supplemental Indenture, dated as of August 12, 2016 governing the Company's outstanding 1.50% Senior Convertible Notes due 2021 (filed as Exhibit 4.1 to the registrant's Current Report on
Collectively as warrant agent (filed as Exhibit 4.2 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) 10.1 Third Amendment to the Sixth Amended and Restated Credit Agreement, dated April 29, 2020, amono SM Energy Company, Wells Fargo Bank, National Association, as Administrative Agent, and the institutions named therein as Lenders that are perty thereto (filed as Exhibit 10.1 to the registrant's Quarterly Report on Form 10-Q for the quarter ended March 31, 2020, and incorporated herein by reference) 10.2 Fourth Amendment to the Sixth Amended and Restated Credit Agreement, dated as of May 5, 2020, by and among the Company, Wells Fargo Bank, National Association, as Administrative Agent, and the institutions manded therein as Lenders that are a party thereto (filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed on May 6, 2020, and incorporated herein by reference) 10.3 Intercreditor Agreement dated as of June 17, 2020 among SM Energy Company, Wells Fargo Bank, National Association, as priority lien agent, and UMB Bank, N.A., as second lien collateral trustee (filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) 10.4 Second Lien Pledge and Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank, N.A., as collateral trustee (filed as Exhibit 10.3 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) 10.5 Second Lien Security Agreement dated as of June 17, 2020 between Benergy Company and UMB Bank, N.A., as collateral trustee (filed as Exhibit 10.3 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) 10.6 Collateral Trust Agreement dated as of June 17, 2020 among SM Energy Company, UMB Bank, N.A., as collateral trustee, and (by ioinder) U.S. Bank National Association, as trustee under the 2021 Notes Indenture (filed a	4.2	10.0% Senior Secured Notes due 2025 (filed as Exhibit 4.1 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and
Bank, National Association, as Administrative Agent, and the institutions named therein as Lenders that are party thereto (filed as Exhibit 10.1 to the registrant's Current Report on Form 10-0 for the quarter ended March 31, 2020, and incorporated herein by reference) Fourth Amendment to the Sixth Amended and Restated Credit Agreement, dated as of May 5, 2020, by and among the Company, Wells Fargo Bank, National Association, as Administrative Agent, and the institutions named therein as Lenders that are a party thereto (filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed on May 6, 2020, and incorporated herein by reference) Intercreditor Agreement dated as of June 17, 2020 among SM Energy Company, Wells Fargo Bank, National Association, as priority lien agent, and UMB Bank, N.A., as second lien collateral trustee (filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) Second Lien Pledge and Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank, N.A., as collateral trustee (filed as Exhibit 10.3 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) Second Lien Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank, N.A., as collateral trustee (filed as Exhibit 10.3 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) Collateral Trust Agreement dated as of June 17, 2020 among SM Energy Company, UMB Bank, N.A., as rustee, UMB Bank, N.A., as collateral trustee and (by joinder) U.S. Bank National Association, and 17, 2020, and incorporated herein by reference) Collateral Trust Agreement dated as of June 17, 2020 among SM Energy Company, UMB Bank, N.A., as trustee, UMB Bank, N.A., as collateral trustee, and (by joinder) U.S. Bank National Association, as rustee under the 2021 Notes Indenture (filed as Exhibit 10.4 to the registrant's Current Repor	4.3	collectively as warrant agent (filed as Exhibit 4.2 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated
Bank, National Association, as Administrative Agent, and the institutions named therein as Lenders that are a party thereto (filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed on May 6, 2020, and incorporated herein by reference) Intercreditor Agreement dated as of June 17, 2020 among SM Energy Company, Wells Fargo Bank, National Association, as priority lien agent, and UMB Bank, N.A., as second lien collateral trustee (filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) 10.4 Second Lien Pledge and Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank, N.A., as collateral trustee (filed as Exhibit 10.2 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) 10.5 Second Lien Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank, N.A., as collateral trustee (filed as Exhibit 10.3 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) 10.6 Collateral Trust Agreement dated as of June 17, 2020 among SM Energy Company, UMB Bank, N.A., as rustee. UMB Bank	10.1	Bank, National Association, as Administrative Agent, and the institutions named therein as Lenders that are party thereto (filed as Exhibit 10.1
agent, and UMB Bank. N.A., as second lien collateral trustee (filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) Second Lien Pledge and Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank, N.A., as collateral trustee (filed as Exhibit 10.2 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) Second Lien Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank, N.A., as collateral trustee (filed as Exhibit 10.3 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) Collateral Trust Agreement dated as of June 17, 2020 among SM Energy Company, UMB Bank, N.A., as trustee, UMB Bank, N.A.,	10.2	Bank, National Association, as Administrative Agent, and the institutions named therein as Lenders that are a party thereto (filed as Exhibit
trustee (filed as Exhibit 10.2 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) Second Lien Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank, N.A., as collateral trustee (filed as Exhibit 10.3 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) Collateral Trust Agreement dated as of June 17, 2020 among SM Energy Company, UMB Bank, N.A., as trustee, UMB Bank, N.A., as collateral trustee, and (by joinder) U.S. Bank National Association, as trustee under the 2021 Notes Indenture (filed as Exhibit 10.4 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) 31.1* Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes - Oxley Act of 2002 31.2* Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes - Oxley Act of 2002 32.1** Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes - Oxley Act of 2002 101.INS Inline XBRL Instance Document - The instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document. 101.SCH* Inline XBRL Calculation Linkbase Document 101.CAL* Inline XBRL Calculation Linkbase Document 101.DEF* Inline XBRL Taxonomy Extension Definition Linkbase Document 101.DEF* Inline XBRL Taxonomy Extension Definition Linkbase Document	10.3	agent, and UMB Bank, N.A., as second lien collateral trustee (filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed on June
Second Lien Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank, N.A., as collateral trustee (filed as Exhibit 10.3 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) Collateral Trust Agreement dated as of June 17, 2020 among SM Energy Company, UMB Bank, N.A., as trustee, UMB Bank, N.A., as collateral trustee, and (by joinder) U.S. Bank National Association, as trustee under the 2021 Notes Indenture (filed as Exhibit 10.4 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference) 21.1* Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes - Oxley Act of 2002 22.1** Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes - Oxley Act of 2002 101.INS Inline XBRL Instance Document - The instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document. 101.SCH* Inline XBRL Calculation Linkbase Document 101.CAL* Inline XBRL Label Linkbase Document 101.PRE* Inline XBRL Presentation Linkbase Document 101.PRE* Inline XBRL Taxonomy Extension Definition Linkbase Document 101.DEF* Cover Page Interactive Data File (formatted as Inline XBRL) and contained in Exhibit 101 INS)	10.4	Second Lien Pledge and Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank, N.A., as collateral trustee (filed as Exhibit 10.2 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference)
Collateral Trust Agreement dated as of June 17, 2020 among SM Energy Company, UMB Bank, N.A., as trustee, UMB Bank, N.A., as collateral trustee, and (by joinder) U.S. Bank National Association, as trustee under the 2021 Notes Indenture (filed as Exhibit 10.4 to the registrant's Current Report on Form 8-K filed on June 17, 2020, and incorporated herein by reference). 31.1* Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes - Oxley Act of 2002 31.2* Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes - Oxley Act of 2002 32.1** Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes - Oxley Act of 2002 101.INS Inline XBRL Instance Document - The instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document. 101.SCH* Inline XBRL Schema Document 101.CAL* Inline XBRL Calculation Linkbase Document 101.LAB* Inline XBRL Label Linkbase Document 101.PRE* Inline XBRL Presentation Linkbase Document 101.DEF* Inline XBRL Taxonomy Extension Definition Linkbase Document Cover Page Interactive Data File (formatted as Inline XBRL) and contained in Exhibit 101 INS)	<u>10.5</u>	Second Lien Security Agreement dated as of June 17, 2020 between SM Energy Company and UMB Bank, N.A., as collateral trustee (filed as
21.2* Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes - Oxley Act of 2002 22.1** Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes - Oxley Act of 2002 101.INS Inline XBRL Instance Document - The instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document. 101.SCH* Inline XBRL Schema Document 101.CAL* Inline XBRL Calculation Linkbase Document 101.LAB* Inline XBRL Label Linkbase Document 101.PRE* Inline XBRL Presentation Linkbase Document 101.DEF* Inline XBRL Taxonomy Extension Definition Linkbase Document Cover Page Interactive Data File (formatted as Inline XBR), and contained in Exhibit 101 INS)	10.6	Collateral Trust Agreement dated as of June 17, 2020 among SM Energy Company, UMB Bank, N.A., as trustee, UMB Bank, N.A., as collateral trustee, and (by joinder) U.S. Bank National Association, as trustee under the 2021 Notes Indenture (filed as Exhibit 10.4 to the
32.1** Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes - Oxley Act of 2002 101.INS Inline XBRL Instance Document - The instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document. 101.SCH* Inline XBRL Schema Document Inline XBRL Calculation Linkbase Document Inline XBRL Label Linkbase Document Inline XBRL Label Linkbase Document Inline XBRL Presentation Linkbase Document Inline XBRL Taxonomy Extension Definition Linkbase Document Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101 INS)	<u>31.1*</u>	Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes - Oxley Act of 2002
Inline XBRL Instance Document - The instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document. Inline XBRL Schema Document Inline XBRL Calculation Linkbase Document Inline XBRL Label Linkbase Document Inline XBRL Label Linkbase Document Inline XBRL Presentation Linkbase Document Inline XBRL Taxonomy Extension Definition Linkbase Document Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101 INS)	<u>31.2*</u>	Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes - Oxley Act of 2002
within the Inline XBRL document. 101.SCH* Inline XBRL Schema Document Inline XBRL Calculation Linkbase Document Inline XBRL Label Linkbase Document Inline XBRL Label Linkbase Document Inline XBRL Presentation Linkbase Document Inline XBRL Taxonomy Extension Definition Linkbase Document Cover Page Interactive Data File (formatted as Inline XBRL) and contained in Exhibit 101 INS)	<u>32.1**</u>	Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes - Oxley Act of 2002
101.CAL* Inline XBRL Calculation Linkbase Document Inline XBRL Label Linkbase Document Inline XBRL Presentation Linkbase Document Inline XBRL Presentation Linkbase Document Inline XBRL Taxonomy Extension Definition Linkbase Document Cover Page Interactive Data File (formatted as Inline XBRL) and contained in Exhibit 101 INS)	101.INS	
101.LAB* Inline XBRL Label Linkbase Document 101.PRE* Inline XBRL Presentation Linkbase Document 101.DEF* Inline XBRL Taxonomy Extension Definition Linkbase Document Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101 INS)	101.SCH*	Inline XBRL Schema Document
101.PRE* Inline XBRL Presentation Linkbase Document Inline XBRL Taxonomy Extension Definition Linkbase Document Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101 INS)	101.CAL*	Inline XBRL Calculation Linkbase Document
101.PRE* Inline XBRL Taxonomy Extension Definition Linkbase Document Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101 INS)	101.LAB*	Inline XBRL Label Linkbase Document
101.DEF* Cover Page Interactive Data File (formatted as Inline XBRI, and contained in Exhibit 101 INS)	101.PRE*	Inline XBRL Presentation Linkbase Document
104 Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101.INS)	101.DEF*	Inline XBRL Taxonomy Extension Definition Linkbase Document
	104	Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101.INS)

^{*} Filed with this report.

^{**} Furnished with this report.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

SM ENERGY COMPANY

July 31, 2020	By: /s/ JAVAN D. OTTOSON Javan D. Ottoson Chief Executive Officer (Principal Executive Officer)
July 31, 2020	By: /s/ A. WADE PURSELL A. Wade Pursell Executive Vice President and Chief Financial Officer (Principal Financial Officer)
July 31, 2020	By: /s/ PATRICK A. LYTLE Patrick A. Lytle Controller and Assistant Secretary (Principal Accounting Officer)

CERTIFICATION

- I, Javan D. Ottoson, certify that:
- 1. I have reviewed this quarterly report on Form 10-Q of SM Energy Company;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: July 31, 2020

/s/ JAVAN D. OTTOSON Javan D. Ottoson Chief Executive Officer

CERTIFICATION

- I, A. Wade Pursell, certify that:
- 1. I have reviewed this quarterly report on Form 10-Q of SM Energy Company;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: July 31, 2020

/s/ A. WADE PURSELL
A. Wade Pursell
Executive Vice President and Chief Financial Officer

CERTIFICATION

PURSUANT TO

18 U.S.C. SECTION 1350,

AS ADOPTED PURSUANT TO

SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report on Form 10-Q of SM Energy Company (the "Company") for the quarterly period ended June 30, 2020, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), Javan D. Ottoson, as Chief Executive Officer of the Company, and A. Wade Pursell, as Executive Vice President and Chief Financial Officer of the Company, each hereby certifies, pursuant to and solely for the purpose of 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, to the best of his knowledge and belief, that:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m or 78o(d)); and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/ JAVAN D. OTTOSON

Javan D. Ottoson Chief Executive Officer July 31, 2020

/s/ A. WADE PURSELL

A. Wade Pursell
Executive Vice President and Chief Financial Officer
July 31, 2020