

May 24, 2018

Dorchester Minerals, L.P. (DMLP) Riding the Shale Trend

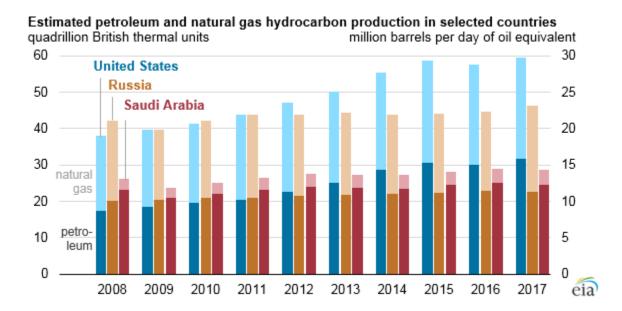
Symbol	DMLP	Ebitda Next Twelve Months ending 6/30/19 (US\$mm)	70
Rating		Natural Gas/Ebitda (%)	43
Price (US\$/sh)	20.10	Natural Gas and Oil Production/Ebitda (%)	100
Pricing Date	5/23/18	Developed Reserves/Production NTM	6.9
Units (mm)	32.30	EV/Ebitda	9.3
Market Capitalization (US\$mm)	649	PV/Ebitda	11.1
Debt (US\$mm)	0	Undeveloped/Developed Reserves (%)	0
Enterprise Value (EV) (US\$mm)	649	Natural Gas and Oil Ebitda (US\$/mcfe)	4.97
Present Value (PV) (US\$mm)	775	Downstream Uplift (US\$/boe)	0
Net Present Value (US\$/unit)	24	Oil and Gas Ebitda Margin (%)	73
EV/Market Cap	1.00	Top Line/Ebitda (%)	76
McDep Ratio - EV/PV	0.84	Price/Earnings Next Twelve Months	14
Distribution Yield (%/year)	9.2	Distribution Next Twelve Months (US\$/sh)	1.85
Note: Estimated cash flow and ear	nings tied to one-y	ear futures prices for oil and natural gas.	
Reported results may vary v	videly from estima	tes. Estimated present value per share revised only infrequen	ntly.
Estimated present value pre	sumes a long-term	price for oil of US\$70 a barrel and natural gas, \$4.00 a milli	on btu.
For historical analysis of D	MLP since 2000 se	ee www.mcdep.com/4dhulz.htm	

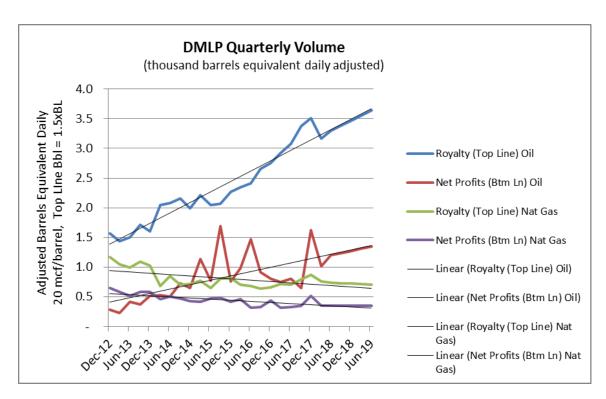
Summary and Recommendation

We like owning the units of low McDep Ratio **Dorchester Minerals (DMLP)** for a profitable ride on the shale breakthrough that has made the U.S. the new world leader shaking up the global energy business (see chart Hydrocarbon Production – U.S., Russia and Saudi Arabia on page 2). Over nearly the same time and looking ahead to 2019, DMLP's oil and gas production is growing about 10% a year weighted by value (see chart Quarterly Volume on page 2). The most valuable product, Top Line Royalty Oil, rises at 16% a year and delivers about 87% of the expected 9.2% distribution for the next twelve months (see table Operating and Financial Performance on page 3). About two-thirds of the 87% or 58% of distribution derives from the Permian Basin. Royalty production doubled in DMLP's top producing portion of the Permian Basin in 2017 versus 2016 (see slide Midland Basin on page 4). As industry activity intensifies in the western portion of the Permian, there may be some positive surprises for DMLP (see slide Delaware Basin on page 4). There may be further surprise value hidden in Bottom Line Net Profits Interests (NPI) activity. Management discloses about \$10 million of Net Operating Income last year of which only about \$5 million made it to the net revenue contribution to the distribution (see slide 2017 NPI Net on page 5). The Minerals NPI, about three quarters of Total NPI revenue, generated \$11.5 million of 12 months net operating income through the latest quarter (see slide Minerals NPI on page 5). Unrealized cash flow is reinvested in new drilling in amounts not evident from the normal financial statements. We see about \$12 million dollars for development for the next year suggesting capitalized value of perhaps \$100 million. Finally, most of our 22 stocks offer appreciation to Net Present Value, the price that would correspond to a normal return on \$70 a barrel oil (see Tables 1-4 on pages 6-9).

Kurt H. Wulff, CFA



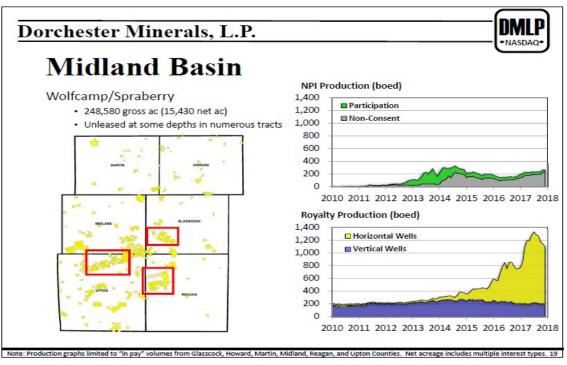


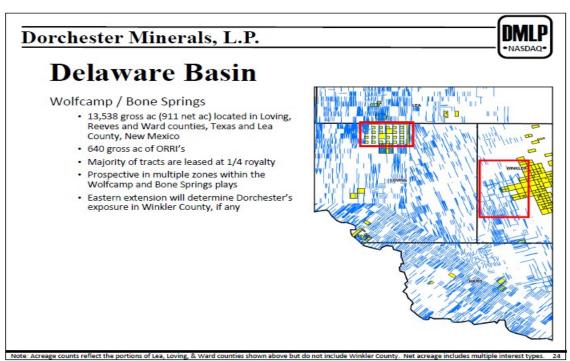




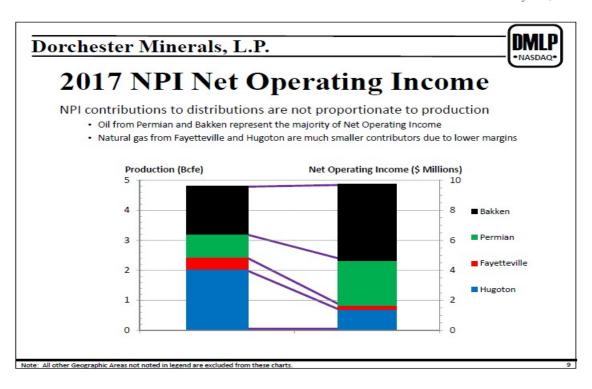
	Operating and Financial Performance													
			o pe.	uting tin								Next		
												Twelve		
	Year	Q1	Q4	Year	Q1	Q2E	Q3E	Q4E	Year	Q1E	Q2E	Months		
	2016	3/31/17	12/13/17	2017	3/31/18	6/30/18	9/30/18	12/31/18	2018	3/31/19	6/30/19	6/30/19		
TOP LINE														
Volume														
Natural Gas (mmcfd)	8.9	9.5	11.7	10.3	10.2	9.8	9.7	9.6	9.8	9.5	9.4	9.6		
Oil (mbd)	1.69	1.94	2.34	2.15	2.11	2.20	2.26	2.31	2.22	2.37	2.43	2.34		
Price														
Henry Hub (\$/mmbtu)	2.46	3.32	2.93	3.11	3.01	2.79	2.88	2.94	2.90	3.04	2.60	2.87		
WTI Cushing (\$/bbl)	43.31	51.92	55.40	50.94	62.88	69.41	71.03	69.59	68.23	68.11	66.55	68.82		
Natural Gas (\$/mcf)	2.05	3.31	2.56	2.83	2.75	2.55	2.64	2.69	2.66	2.78	2.38	2.62		
Oil (\$/bbl)	37.18	44.44	50.06	45.27	56.55	62.42	63.88	62.58	61.30	61.30	59.89	61.91		
Revenue (\$mm)														
Natural Gas	6.7	2.8	2.7	10.6	2.5	2.3	2.4	2.4	9.6	2.4	2.0	9.2		
Oil	23.1	7.8	10.8	35.5	10.7	12.5	13.3	13.3	49.8	13.1	13.2	52.9		
Total Revenue	29.8	10.6	13.5	46.1	13.3	14.8	15.6	15.7	59.4	15.5	15.3	62.0		
Expense (allocated)	5.3	2.0	2.3	8.5	2.1	2.2	2.2	2.2	8.7	2.2	2.3	9.0		
Ebitda	24.4	8.6	11.2	37.6	11.2	12.6	13.4	13.4	50.6	13.2	13.0	53.1		
BOTTOM LINE														
Volume														
Natural Gas (mmcfd)	7.7	6.4	10.3	7.5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1		
Oil (mbd)	1.04	0.74	1.62	0.96	1.01	1.20	1.24	1.27	1.18	1.31	1.35	1.29		
Price	1.01	0.71	1.02	0.50	1.01	1.20	1.21	1.27	1.10	1.51	1.55	1.27		
Natural Gas (\$/mcf)	2.08	2.71	2.57	2.60	2.61	2.42	2.50	2.55	2.51	2.64	2.26	2.49		
Oil (\$/bbl)	34.64	40.55	50.64	44.71	55.36	61.10	62.53	61.26	60.17	54.49	53.24	57.88		
Revenue (\$mm)	21.01	10.55	30.01	111/1	33.30	01.10	02.55	01.20	00.17	31.17	33.21	27.00		
Natural Gas	5.8	1.6	2.4	7.2	1.7	1.6	1.6	1.7	6.5	1.7	1.4	6.4		
Oil	13.2	2.7	7.5	15.6	5.0	6.7	7.1	7.2	26.0	6.4	6.5	27.3		
Total Revenue	19.0	4.3	10.0	22.8	6.7	8.2	8.7	8.8	32.5	8.1	8.0	33.7		
Expense (allocated)	17.0	7.5	10.0	22.0	0.7	0.2	0.7	0.0	32.3	0.1	0.0	33.7		
Partnership	3.5	0.8	0.6	2.4	1.0	1.1	1.1	1.1	4.2	1.1	1.1	4.4		
Net Profits Interests	9.5	1.3	4.4	9.0	2.3	3.1	3.3	3.3	12.0	3.0	2.9	12.5		
Total Expense	12.9	2.1	5.0	11.4	3.3	4.1	4.4	4.4	16.2	4.1	4.0	16.8		
Ebitda	6.1	2.1	5.0	11.4	3.3	4.1	4.4	4.4	16.2	4.1	4.0	16.8		
Development (estimated)	4.8	2.1	2.0	8.4	2.7	3.3	3.5	3.5	13.0	3.2	3.2	13.5		
NET INCOME	7.0	2.1	2.0	0.4	2.1	3.3	3.3	5.5	13.0	3.2	3.2	13.3		
Top Line	24.4	8.6	11.2	37.6	11.2	12.6	13.4	13.4	50.6	13.2	13.0	53.1		
Bottom Line	1.4	-	3.0	3.0	0.7	0.8	0.9	0.9	3.2	0.8	0.8	3.4		
Lease Bonus and residual	(3.0)	(1.4)	(2.5)	(5.9)	(1.0)	3.5	0.9	0.9	2.5	0.6	0.0	3.4		
	8.5	1.8	2.9	9.3	2.2	2.3	2.3	2.3	9.1	2.3	2.4	9.4		
Deprec., Deplet., & Amort. Total Net Income	20.2	8.3	13.9	37.2	10.7	14.7	11.9	12.0	49.2	11.7	11.4	47.0		
Units (mm)	30.7	30.7	32.3	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3		
Net Income Per Unit (\$)	0.66	0.27	0.43		0.33	0.45	0.37	0.37	1.53	0.36	0.35			
DISTRIBUTION	0.00	0.2/	0.43	1.18	0.33	0.43	0.57	0.57	1.53	0.30	0.55	1.46		
Top Line Revenue	26.2	10.2	11.6	41.8	11.9	14.2	15.0	15.1	56.1	14.9	14.7	59.6		
Bottom Line Net Revenue		0.8				14.2	2.0	2.0	9.6	14.9	14.7	59.6 7.7		
	5.6 2.8	0.8	2.3	5.0 2.8	3.8	4.0	0.2	0.2	4.4	0.2	0.2			
Lease Bonus and Other			0.6									0.8		
Cash Expense Distribution	(7.1)	(1.8)	(2.0) 12.5	(8.1)	(2.2)	(2.1) 18.0	(2.1) 15.0	(2.1) 15.1	(8.5)	(2.1)	(2.1)	(8.4		
Distribution Distribution Per Unit (\$)	27.5 0.90	0.31	0.39	41.5 1.30	0.42	0.56	0.47	0.47	61.6 1.91	0.46	0.45	59.7 1.85		

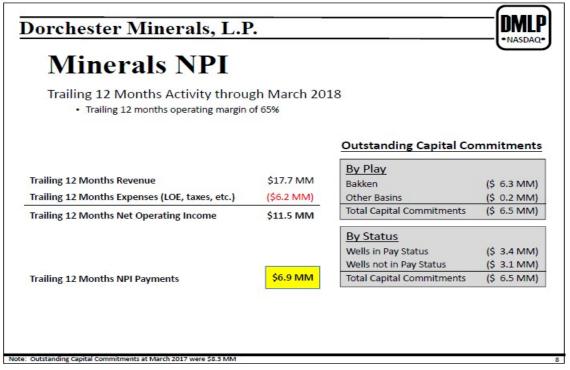














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		Price	16.7.	п	ETC/	ET/	DIZ/	Oil	Dist.	14.0
	Symbol/Rating	(US\$/sh) 23-May	Market Cap	Enterprise Value	EV/ Market	EV/ Ebitda	Ebitda	Prod'n/ Ebitda	Yield NTM	McDe Rati
	Symbol/Kating	23-May 2018	(US\$mm)	(\$mm)	Сар	NTM	NTM	(%)		(EV/PV
Integrated		2010	(OS\$min)	(\$mm)	Сир	1 1 1 1 1 1	1 1 1 1 1 1 1	(70)	(/0)	(LV/IV
Exxon Mobil Corporation	XOM	82.15	351,000	442,000	1.26	8.2	8.8	49	4.0	0.93
Chevron Corporation	CVX	128.70	246,000	309,000	1.25	7.4	8.3	62	3.5	0.88
Suncor Energy	SU	40.67	67,000	86,000	1.29	6.8	8.0	78	2.8	0.85
Royal Dutch Shell	RDS-B	74.05	310,000	427,000	1.38	7.0	8.8	51	5.1	0.80
Total or Median			974,000	1,264,000	1.28	7.2	8.6	57	3.7	0.87
Large Independent										
Occidental Petroleum Corp.	OXY	85.33	65,500	79,200	1.21	8.4	7.6	79	3.6	1.11
Pioneer Natural Resources	PXD	199.50	34,100	36,700	1.08	8.2	8.2	94	0.2	1.00
EOG Resources, Inc.	EOG	122.98	73,500	80,600	1.10	8.1	8.5	90	0.5	0.95
ConocoPhillips	COP	69.12	82,000	105,000	1.28	7.2	8.1	76	1.6	0.89
Total or Median			255,100	301,500	1.15	8.1	8.2	85	1.1	0.97
Mid-Size Independent Hess Corporation	HES	63.12	19,500	27,900	1.43	10.7	9.8	89	1.6	1.10
Continental Resources	CLR	67.68	25,300	31,600	1.43	8.1	8.4	83	1.0	0.97
Devon Energy Corporation	DVN	42.19	22,300	30,200	1.36	7.3	9.6	76	0.8	0.76
Cimarex Energy Company	XEC	95.64	9,100	10,600	1.16	5.6	7.9	83	0.7	0.71
Marathon Oil Corporation	MRO	21.63	18,430	25,200	1.37	5.1	8.3	90	0.9	0.62
Total or Median			94,600	125,500	1.36	7.3	8.4	83	0.8	0.70
Small Independent										
California Resources	CRC	36.51	1,700	8,000	4.8	5.7	7.8	92	-	0.73
Whiting Petroleum Corporation	WLL	50.78	4,600	8,000	1.73	4.7	7.4	97	-	0.64
Range Resources	RRC	15.47	3,800	8,500	2.22	6.0	10.2	46	0.5	0.58
Birchcliff Energy Ltd.	BIREF	3.57	1,000	1,600	1.66	5.5	10.5	46	2.2	0.52
Total or Median			11,100	26,100	1.97	5.6	9.0	69	0.3	0.61
Income			1.50							
Permian Basin RT	PBT	9.91	460	460	1.00	10.8	10.9	80	9.0	0.99
Sabine Royalty Trust	SBR	47.95	700	700	1.00	15.0	15.6	68	6.7	0.96
Dorchester Minerals, L.P.	DMLP	20.10 6.39	650 300	650 300	1.00	9.3	11.1	84	9.2	0.84
San Juan Basin Royalty Trust Cross Timbers Royalty Trust	SJT CRT	13.98	80	80	1.00	11.5 7.2	14.4 12.9	37	8.5 11.4	0.80
Total or Median	CKI	13.98	2,200	2,200	1.00	10.8	12.9	68	9.0	0.84
Total or Wealan			2,200	2,200	1.00	10.0	12.9	00	9.0	0.04
EV = Enterprise Value = Market O	Cap and Debt: F	bitda = Earni	ings before into	erest, tax, deni	eciation.	amort.				
Estimated Ebitda (cash flow) tied							ending 3	/31/19		

McDep Ratio = \mathbf{M} arket cap and \mathbf{D} ebt to present value of oil and gas and other businesses. For historical research see www.mcdep.com



Symbol/Ra Integrated Royal Dutch Shell RDS-B Exxon Mobil Corporation XOM Chevron Corporation CVX Suncor Energy SU Total or Median Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources PXD Total or Median Mid-Size Independent Marathon Oil Corporation MRO	iting	Price (US\$/sh) 23-May 2018 74.05 82.15 128.70 40.67	Volume	Upstread Equiv. Price (\$/boe) 47.30 50.65 52.16 59.34	Ebitda bitda	Ebitda (\$/boe) 32.80 25.70	Down- stream Uplift (\$/boe) 11.68 11.71	NTM (\$mm) 44,941	Distrib./ Ebitda (%)	Distrib. NTM (\$/sh)
Integrated Royal Dutch Shell RDS-B Exxon Mobil Corporation XOM Chevron Corporation CVX Suncor Energy SU Total or Median Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources Total or Median Mid-Size Independent	iting	Price (US\$/sh) 23-May 2018 74.05 82.15 128.70 40.67	Volume (mmboe) 1370 1447 1059 300	Upstrea. Equiv. Price (\$/boe) 47.30 50.65 52.16 59.34	m NTM Ebitda Margin (%)	Ebitda (\$/boe) 32.80 25.70	stream Uplift (\$/boe)	Ebitda NTM (\$mm) 44,941	Ebitda (%)	NTM (\$/sh)
Integrated Royal Dutch Shell RDS-B Exxon Mobil Corporation XOM Chevron Corporation CVX Suncor Energy SU Total or Median Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources Total or Median Mid-Size Independent	iting	Price (US\$/sh) 23-May 2018 74.05 82.15 128.70 40.67	Volume (mmboe) 1370 1447 1059 300	Upstrea. Equiv. Price (\$/boe) 47.30 50.65 52.16 59.34	m NTM Ebitda Margin (%)	Ebitda (\$/boe) 32.80 25.70	stream Uplift (\$/boe)	Ebitda NTM (\$mm) 44,941	Ebitda (%)	NTM (\$/sh)
Integrated Royal Dutch Shell RDS-B Exxon Mobil Corporation XOM Chevron Corporation CVX Suncor Energy SU Total or Median Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources Total or Median Mid-Size Independent	iting	Price (US\$/sh) 23-May 2018 74.05 82.15 128.70 40.67	Volume (mmboe) 1370 1447 1059 300	Upstrea. Equiv. Price (\$/boe) 47.30 50.65 52.16 59.34	m NTM Ebitda Margin (%) 69	(\$/boe) 32.80 25.70	stream Uplift (\$/boe)	Ebitda NTM (\$mm) 44,941	Ebitda (%)	NTM (\$/sh)
Integrated Royal Dutch Shell RDS-B Exxon Mobil Corporation XOM Chevron Corporation CVX Suncor Energy SU Total or Median Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources Total or Median Mid-Size Independent	iting	(US\$/sh) 23-May 2018 74.05 82.15 128.70 40.67	Volume (mmboe) 1370 1447 1059 300	Equiv. Price (\$/boe) 47.30 50.65 52.16 59.34	Ebitda Margin (%) 69 51	(\$/boe) 32.80 25.70	stream Uplift (\$/boe)	Ebitda NTM (\$mm) 44,941	Ebitda (%)	NTM (\$/sh)
Integrated Royal Dutch Shell RDS-B Exxon Mobil Corporation XOM Chevron Corporation CVX Suncor Energy SU Total or Median Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources Total or Median Mid-Size Independent	iting	23-May 2018 74.05 82.15 128.70 40.67	(mmboe) 1370 1447 1059 300	Price (\$/boe) 47.30 50.65 52.16 59.34	Margin (%) 69 51	(\$/boe) 32.80 25.70	<i>Uplift</i> (\$/boe) 11.68	NTM (\$mm) 44,941	Ebitda (%)	NTM (\$/sh)
Integrated Royal Dutch Shell RDS-B Exxon Mobil Corporation XOM Chevron Corporation CVX Suncor Energy SU Total or Median Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources Total or Median Mid-Size Independent		2018 74.05 82.15 128.70 40.67	(mmboe) 1370 1447 1059 300	(\$/boe) 47.30 50.65 52.16 59.34	(%) 69 51	(\$/boe) 32.80 25.70	(\$/boe) 11.68	(\$mm) 44,941	(%)	(\$/sh)
Royal Dutch Shell RDS-B Exxon Mobil Corporation XOM Chevron Corporation CVX Suncor Energy SU Total or Median Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources PXD Total or Median Mid-Size Independent		74.05 82.15 128.70 40.67	1370 1447 1059 300	47.30 50.65 52.16 59.34	69 51	32.80 25.70	11.68	44,941		(- /
Royal Dutch Shell RDS-B Exxon Mobil Corporation XOM Chevron Corporation CVX Suncor Energy SU Total or Median Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources PXD Total or Median Mid-Size Independent		82.15 128.70 40.67 69.12	1447 1059 300	50.65 52.16 59.34	51	25.70			26	
Exxon Mobil Corporation XOM Chevron Corporation CVX Suncor Energy SU Total or Median Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources PXD Total or Median Mid-Size Independent		82.15 128.70 40.67 69.12	1447 1059 300	50.65 52.16 59.34	51	25.70			26	
Chevron Corporation CVX Suncor Energy SU Total or Median Large Independent ConcooPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources PXD Total or Median Mid-Size Independent		128.70 40.67 69.12	1059 300	52.16 59.34			11.71		= 0	3.76
Suncor Energy Total or Median Large Independent ConcooPhillips EOG Resources, Inc. Occidental Petroleum Corp. Pioneer Natural Resources Total or Median Mid-Size Independent		40.67 69.12	300	59.34	62			37,192	26	3.28
Total or Median Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources PXD Total or Median Mid-Size Independent		69.12				32.40	7.28	34,304	20	4.48
Large Independent ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources PXD Total or Median Mid-Size Independent			4176		55	32.93	9.33	9,865	15	1.12
ConocoPhillips COP EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources PXD Total or Median Mid-Size Independent				51.40	59	32.60	10.51	126,301	23	
EOG Resources, Inc. EOG Occidental Petroleum Corp. OXY Pioneer Natural Resources PXD Total or Median Mid-Size Independent										
Occidental Petroleum Corp. OXY Pioneer Natural Resources PXD Total or Median Mid-Size Independent			457	49.78	64	31.80	0.00	14,544	9	1.14
Pioneer Natural Resources PXD Total or Median Mid-Size Independent		122.98	280	48.23	74	35.73	0.00	10,009	3	0.56
Total or Median Mid-Size Independent		85.33	263	49.75	60	29.70	6.09	7,797	25	3.08
Mid-Size Independent		199.50	124	48.94	74	36.10	0.00	4,486	1	0.32
•			1124	49.34	69	33.77	0.00	36,835	6	
Marathon Oil Corporation MRO										
		21.63	167	42.53	69	29.50	0.00	4,928	3	0.20
Continental Resources CLR		67.68	108	44.23	81	35.90	0.00	3,890	-	-
Devon Energy Corporation DVN		42.19	184	30.84	64	19.80	2.71	3,645	4	0.32
Hess Corporation HES		63.12	97	46.71	57	26.70	0.00	2,600	12	1.00
Cimarex Energy Company XEC		95.64	87	31.92	68	21.80	0.00	1,889	3	0.64
Total or Median			644	42.53	68	26.70	0.00	16,952	3	
Small Independent										
Whiting Petroleum Corporation WLL		50.78	49	50.11	68	34.20	0.00	1,692	-	-
Range Resources RRC		15.47	139	19.29	53	10.20	0.00	1,422	1	0.08
California Resources CRC		36.51	49	54.75	52	28.20	0.00	1,396	-	-
Birchcliff Energy Ltd. BIREF		3.57	22	18.43	71	13.00	0.00	290	7	0.08
Total or Median			261	34.70	61	20.60	0.00	4,800	1	
Income										
Dorchester Minerals, L.P. DMLP		20.10	2.34	40.85	73	29.83	0.00	70	85	1.85
Sabine Royalty Trust SBR		47.95	1.63	33.64	85	28.68	0.00	47	100	3.20
Permian Basin RT PBT		9.91	1.24	48.96	71	34.60	0.00	43	97	0.89
San Juan Basin Royalty Trust SJT		6.39	3.44	14.16	53	7.51	0.00	26	98	0.54
Cross Timbers Royalty Trust CRT		13.98	0.44	41.71	63	26.47	0.00	12	83	1.60
Total or Median			9	40.85	71	28.68	0.00	197	97	



			Tab							
		McD	ep Ene	ergy Sto	cks					
		Net Pre				re				
		Price				Devel.	Undev/	Nat	Тор	Net
		(US\$/sh)				Resrvs/	Devel.	Gas/	Line/	Presen
Sym	bol/Rating	23-May	Shares	Debt	P/E	Prod	Resrvs			Valu
		2018	(mm)	(\$mm)	NTM	NTM	(%)	(%)	(%)	(US\$/sh
Integrated										
Chevron Corporation	CVX	128.70	1,913	62,659	15	7.1	57	24		150.00
Royal Dutch Shell	RDS-B	74.05	4,189	116,710	12	7.2	22	31		100.00
Exxon Mobil Corporation	XOM	82.15	4,270	90,941	13	9.6	52	28		90.00
Suncor Energy	SU	40.67	1,644	19,457	11	8.5	87			50.00
Median						7.9	55			
Large Independent										
Pioneer Natural Resources	PXD	199.50	171	2,600	20	7.3	9	6		200.00
EOG Resources, Inc.	EOG	122.98	598	7,071	18	4.9	43	10		130.00
ConocoPhillips	COP	69.12	1,186	23,143	14	7.7	31	24		80.00
Occidental Petroleum Corp.	OXY	85.33	767	13,700	16	7.4	35	4		75.00
Median						7.3	33			
Mid-Size Independent										
Cimarex Energy Company	XEC	95.64	96	1,498	10	4.8	35	17		140.00
Continental Resources	CLR	67.68	374	6,333	21	5.6	121	17		70.00
Devon Energy Corporation	DVN	42.19	528	7,944	15	8.3	24	14		60.00
Hess Corporation	HES	63.12	310	8,399		7.4	59	11		55.00
Marathon Oil Corporation	MRO	21.63	852	6,734	11	5.4	60	10		40.00
Median						5.6	59			
Small Independent										
Whiting Petroleum Corporation	WLL	50.78	91	3,367	19	6.8	84	3		100.00
California Resources	CRC	36.51	46	6,300		8.9	41	8		100.00
Range Resources	RRC	15.47	247	4,657	13	10.0	83	54		40.00
Birchcliff Energy Ltd.	BIREF	3.57	268	633	12	7.3	228	54		9.00
Median	Direct	2.07	200	000		8.1	83			7.00
Income						0.12				
Sabine Royalty Trust	SBR	47.95	15	_	15	11.0	3	37	100	50.00
Cross Timbers Royalty Trust	CRT	13.98	6	_	9	11.7		69	83	25.00
Dorchester Minerals, L.P.	DMLP	20.10	32	_	14	6.9	_	21	76	24.00
Permian Basin RT	PBT	9.91	47	_	11	6.7	_	21	37	10.00
San Juan Basin Royalty Trust	SJT	6.39	47	_	12	12.1	_	100	-	8.00
Median		3.37	.,		12	11.0		100		0.00
P/E = Stock Price to Earnings.	F1' / '	cal researc		1						



		Tab	ole 4						
	Mo	Dep En	ergy Sto	cks					
		eturn Y			8				
	Ranked b								
		•							
		Price (\$/sh)	Price (\$/sh)	Price	Cash	Equity Total	U	nlevered Total	
	Symbol/Rati	23-May	29-Dec	Change		Return	Debt	Return	McDep
Integrated		2018	2017	(%)	(%)	(%)	(\$/sh)	(%)	Ratio
Suncor Energy	SU	40.67	36.72	11	1	12	12	9	0.85
Royal Dutch Shell	RDS-B	74.05	68.29	8	1	10	28	7	0.80
7	CVX	128.70	125.19	3	1	4	33	3	0.80
Chevron Corporation	XOM				1		21		
Exxon Mobil Corporation Median	XOM	82.15	83.64	(2)	1	(1) 7	21	(1)	0.93 0.87
Large Independent				6		/		3	0.87
ConocoPhillips	COP	69.12	54.89	26	1	26	20	20	0.89
Pioneer Natural Resources	PXD	199.50	172.85	15	0	16	15	14	1.00
Occidental Petroleum Corp.	OXY	85.33	73.66	16	1	17	18	14	1.11
EOG Resources, Inc.	EOG	122.98	107.91	14	0	14	12	13	0.95
Median	EOG	122.96	107.91	16	U	16	12	13	0.93
Mid-Size Independent				10		10		17	0.97
Hess Corporation	HES	63.12	47.47	33	1	33	27	21	1.10
Continental Resources	CLR	67.68	52.97	28	-	28	17	21	0.97
Marathon Oil Corporation	MRO	21.63	16.93	28	0	28	8	19	0.62
Devon Energy Corporation	DVN	42.19	41.40	20	0	20	15	2	0.02
Cimarex Energy Company	XEC	95.64	122.01	(22)	0	(22)	16	(19)	0.70
Median	ALC	93.04	122.01	28	U	28	10	19	0.71
Small Independent				20		20		1)	0.70
Whiting Petroleum Corporation	WLL	50.78	26.48	92	_	92	37	38	0.64
California Resources	CRC	36.51	19.44	88	_	88	137	11	0.73
Birchcliff Energy Ltd.	BIREF	3.57	3.50	2	1	3	2	2	0.73
Range Resources	RRC	15.47	17.06	(9)	0	(9)	19	(4)	0.52
Median	rece	13.47	17.00	45	0	45	17	6	0.61
Income				73		73		U	0.01
Dorchester Minerals, L.P.	DMLP	20.10	15.20	32	5	38	_	38	0.84
Permian Basin RT	PBT	9.91	8.87	12	3	15	_	15	0.99
Sabine Royalty Trust	SBR	47.95	44.60	8	2	9	_	9	0.96
Cross Timbers Royalty Trust	CRT	13.98	14.69	(5)	3	(2)	_	(2)	0.56
San Juan Basin Royalty Trust	SJT	6.39	8.24	(22)	3	(20)	_	(20)	0.80
Median	55 1	0.57	0.24	8	3	9		9	0.84
mean									0.07
Grand Median				11		13		10	0.84
Natural Gas (\$/mmbtu)		2.92	2.95	(1)					
Oil -West Texas Intermediate (\$/bbl)		71.78	60.09	19					
Total Stock Market - U.S.	VTI	141.10	137.25	3	0	3			
Developed Markets - ex US	VEA	45.08	44.86	0	0	1			
Emerging Markets	VWO	45.22	45.91	(2)	0	(1)			
Total Stock Market - World	VT	75.32	74.26	1	0	2			



May 24, 2018

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