

Hedge Detail



Natural Gas			
Period	Contract Type	Volume Hedged	Price
Dec - Dec 17	3-Way	5,000 MMBtu/d	\$3.00 / \$2.35 / \$4.00
Dec - Dec 17	Swap	2,600 MMBtu/d	\$3.40
Dec - Dec 17	Collar	2,600 MMBtu/d	\$3.00 / \$3.89
Jan - Dec 18	3-Way	5,000 MMBtu/d	\$3.00 / \$2.35 / \$4.00
Jan - Mar 18	Collar	5,800 MMBtu/d	\$3.00 / \$4.28
Apr - Dec 18	Swap	1,550 MMBtu/d	\$3.01

Deferred Put Premiums	
Year	Amount (\$MM)
2017	\$0.26
2018	\$0.97

Oil			
Period	Contract Type	Volume Hedged	Price
Nov - Dec 17	3-Way	280 Bbl/d	\$80.00 / \$65.00 / \$97.25
Nov - Dec 17	3-Way	250 Bbl/d	\$80.00 / \$60.00 / \$98.75
Dec - Dec 17	3-Way	200 Bbl/d	\$80.00 / \$60.00 / \$98.70
Nov - Dec 17	Put Spread	500 Bbl/d	\$82.00 / \$62.00
Nov - Dec-17	Swap	400 Bbl/d	\$54.50
Nov - Dec-17	Swap	150 Bbl/d	\$53.80
Nov - Dec-17	Swap	150 Bbl/d	\$50.25
Nov - Dec-17	Swap	500 Bbl/d	\$50.00
Nov - Dec-17	Swap	500 Bbl/d	\$50.00
Nov - Dec-17	Swap	100 Bbl/d	\$50.60
Nov - Dec-17	Swap	100 Bbl/d	\$50.94
Nov - Dec-17	Swap	100 Bbl/d	\$50.50
Nov - Dec-17	Swap	100 Bbl/d	\$50.65
Nov - Dec-17	Swap	100 Bbl/d	\$50.35
Dec - Dec-17	Swap	350 Bbl/d	\$52.33
Nov - Dec-17	Collar	200 Bbl/d	\$45.00/\$53.50
Jan - Aug 18	Put Spread	425 Bbl/d	\$80.00 / \$60.00
Jan - Jun 18	Swap	600 Bbl/d	\$51.20
Jul - Sep 18	Swap	500 Bbl/d	\$51.20
Oct - Dec 18	Swap	600 Bbl/d	\$51.20
Jan - Jun 18	Swap	200 Bbl/d	\$50.11
Jan - Dec 18	3-Way	500 Bbl/d	\$50.00 / \$40.00 / \$61.60
Jan - Mar 18	3-Way	1,800 Bbl/d	\$47.50 / \$37.50 / \$57.85
Apr - Jun 18	3-Way	1,700 Bbl/d	\$47.50 / \$37.50 / \$57.85
Jul - Sep 18	3-Way	1,600 Bbl/d	\$47.50 / \$37.50 / \$57.85
Oct - Dec 18	3-Way	1,700 Bbl/d	\$47.50 / \$37.50 / \$57.85
Jan - Sep 19	Swap	700 Bbl/d	\$50.40
Oct - Dec 19	Swap	600 Bbl/d	\$50.40
Jan - Sep 19	3-Way	2,000 Bbl/d	\$47.50 / \$37.50 / \$59.70
Oct - Dec 19	3-Way	1,900 Bbl/d	\$47.50 / \$37.50 / \$59.70

Note: Hedges as of 11/1/2017