

## FY2013 FOURTH QUARTER CONSERVATION CRUDE HELIUM SALE

(all volumes in Mcf)

**Total Volume this Sale** 525,000 Mcf  
 (percent to allocated sale) 94%  
 (percent to nonallocated sale) 6%  
**Total Sales this Quarter** 525,000 Mcf  
**Total Carryover this Quarter** 0 Mcf

	A	B	C	D	E	F	G	H	I	J	K	L	M	
<b><u>Allocated Sale</u></b>			Installed Refining Cap	Refiner Bid Volume	Allocated Volume@0.94%	Excess Vol Requested	Excess Vol Available	Proration % Round 1	Excess Alloctn Rd 1	Excess Vol Rem Rnd 2	Proration % Round 2	Excess Alloctn Rd 2	<b>Total Allocated</b>	Carryover to Non-Allocated Sale
Bidder - Allocated Sale														
Keyes Helium Company			4.0%	40,000.0	19,740.0	20,260.0	-	4.00%	-	20,260.0	4.00%	-	19,740.0	20,260.0
Linde Gas North America LLC			26.0%	150,000.0	128,310.0	21,690.0	-	26.00%	-	21,690.0	26.00%	-	128,310.0	21,690.0
Praxair, Inc (Bushton Ulysses)			34.0%	300,000.0	167,790.0	132,210.0	-	34.00%	-	132,210.0	34.00%	-	167,790.0	132,210.0
Air Products (Liberal, Guymon)			36.0%	300,000.0	177,660.0	122,340.0	-	36.00%	-	122,340.0	36.00%	-	177,660.0	122,340.0
			0.0%		-	-	-	0.00%	-	-	0.00%	-	0.0	0.0
<b>Total</b>			100.0%	790,000.0	493,500.0	296,500.0	-	100.00%	-	-	100.00%	-	493,500.0	296,500.0

Total Allocated Sale Volume: 493,500 Mcf Excess to be carried over to nonallocated sale. 0.0

### NonAllocated Sale

		Prorated Percentage	Bid/Carryover Volume	Allocated Volume	Excess Vol Requested	Excess Vol Available	Proration % Round 1	Excess Alloctn Rd 1		Proration % Round 2	Excess Alloctn Rd 2	<b>Total Allocated</b>
Keyes Helium Company	1	20.0%	20,260.0	6,300.0	13,960.0	-	20.00%	-	13,960.0	20.00%	-	6,300.0
Linde Gas North America LLC	1	20.0%	21,690.0	6,300.0	15,390.0	-	20.00%	-	15,390.0	20.00%	-	6,300.0
Praxair, Inc (Bushton Ulysses)	1	20.0%	132,210.0	6,300.0	125,910.0	-	20.00%	-	125,910.0	20.00%	-	6,300.0
Air Products (Liberal, Guymon)	1	20.0%	122,340.0	6,300.0	116,040.0	-	20.00%	-	116,040.0	20.00%	-	6,300.0
Air Liquide		0.0%		-	-	-	0.00%	-	-	0.00%	-	0.0
Matheson Tri-Gas Inc.		0.0%		-	-	-	0.00%	-	-	0.00%	-	0.0
Airgas Merchant Gases		0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0
Global Gases America	1	20.0%	31,500.0	6,300.0	25,200.0	-	20.00%	-	25,200.0	20.00%	-	6,300.0
Number of Bidders	5	100.0%	328,000.0	31,500.0	296,500.0	-		-	-		-	31,500.0

Non Allocated Volume: 31,500 Mcf

**Total Non-Allocated Sale**  
**Volume Including Carryover**  
**Amount.**

31,500 Mcf

### Allocation Calculations

						Round 1 Percent			Round 2 Percent
Refiner A	4.0%	40,000.0	19,740.0	1.0	4.0%	4.00%	1.0	4.0%	4.00%
Refiner B	26.0%	150,000.0	128,310.0	1.0	26.0%	26.00%	1.0	26.0%	26.00%
Refiner C	34.0%	300,000.0	167,790.0	1.0	34.0%	34.00%	1.0	34.0%	34.00%
Refiner D	36.0%	300,000.0	177,660.0	1.0	36.0%	36.00%	1.0	36.0%	36.00%
Refiner E	0.0%	-	-	-	0.0%	0.00%	-	0.0%	0.00%
					100.0%	100.00%		100.0%	100.00%

### Year 2000 Plant Capacities

		Mcf/d	Total	Percent	MMcf/yr		
ElPaso (Keyes)	480.0		480.0	4.0%	168.00		
Linde/BOC (Otis)	3,120.0		3,120.0	26.0%	1,092.00		
Praxair, Inc (Bushton Ulysses)	1,032.0	3,048.0	4,080.0	34.0%	361.20	1,066.80	1,428.0
Air Products (Liberal, Guymon)	3,048.0	1,272.0	4,320.0	36.0%	1,066.80	445.20	1,512.0
			12,000.0	100.0%			