

OPEN MARKET SALE
March-2003

Total volume for this sale 2,100,000.00 mcf
percent to allocated sale 90.0%
percent to nonallocated sale 10.0%

all volumes in Mcf
Green shaded cells are input cells

Allocated Sale

Bidder - Allocated Sale	Installed refining cap	Refiner bid Volume	Allocated Volume	Excess vol requested	Excess vol Available	Proration % Round 1	Excess alloctn rd 1	Excess vol rem rmd 2	Proration % Round 2	Excess alloctn rd 2	Total Allocated	Carry over to Non-allocated Sale
EIPaso (Keyes)	4.0%	75,600.0	75,600.0	-	-	0.00%	-	-	0.00%	-	75,600.0	0.0
BOC (Otis)	26.0%	834,000.0	491,400.0	342,600.0	-	100.00%	342,600.0	-	0.00%	-	834,000.0	0.0
Prax (Bushton, Ulysses)	34.0%	-	642,600.0	(642,600.0)	642,600.0	0.00%	-	-	0.00%	-	0.0	0.0
APCI (Liberal, Guymon)	36.0%	680,400.0	680,400.0	-	-	0.00%	-	-	0.00%	-	680,400.0	0.0
	0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0	0.0
Total	100.0%	1,590,000.0	1,890,000.0	342,600.0	342,600.0	100.00%	342,600.0	-	0.00%	-	1,590,000.0	0.0

Total Allocated sale volume: 1,890,000 Mcf excess to be carried over to nonallocated sale 300,000.0

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	Total Allocated
EIPaso (Keyes)	0.0%	-	-	-	-	0.00%	-	-	0.00%	0.0
BOC (Otis)	0.0%	-	-	-	-	0.00%	-	-	0.00%	0.0
Prax (Bushton, Ulysses)	0.0%	-	-	-	-	0.00%	-	-	0.00%	0.0
APCI (Liberal, Guymon)	0.0%	-	-	-	-	0.00%	-	-	0.00%	0.0
	0.0%	-	-	-	-	0.00%	-	-	0.00%	0.0
Air Liquide	1	100.0%	50,000.0	(460,000.0)	460,000.0	0.00%	-	-	0.00%	50,000.0
		0.0%	-	-	-	0.00%	-	-	0.00%	0.0
		0.0%	-	-	-	0.00%	-	-	0.00%	0.0
		0.0%	-	-	-	0.00%	-	-	0.00%	0.0
		0.0%	-	-	-	0.00%	-	-	0.00%	0.0
		0.0%	-	-	-	0.00%	-	-	0.00%	0.0
		0.0%	-	-	-	0.00%	-	-	0.00%	0.0
		0.0%	-	-	-	0.00%	-	-	0.00%	0.0
		0.0%	-	-	-	0.00%	-	-	0.00%	0.0
		0.0%	-	-	-	0.00%	-	-	0.00%	0.0
number of bidders	1	100.0%	50,000.0	-	-		-			50,000.0
						0			0	

Total nonallocated sale volume including carryover amount 510,000 mcf

allocation calculations									
					rd 1 pct			rd 2 pct	
Refiner A	4.0%	75,600.0	75,600.0	-	0.0%	0.00%	-	0.0%	0.00%
Refiner B	26.0%	834,000.0	491,400.0	1.0	26.0%	100.00%	-	0.0%	0.00%
Refiner C	34.0%	-	642,600.0	-	0.0%	0.00%	-	0.0%	0.00%
Refiner D	36.0%	680,400.0	680,400.0	-	0.0%	0.00%	-	0.0%	0.00%
Refiner E	0.0%	-	-	-	0.0%	0.00%	-	0.0%	0.00%
					26.0%	100.00%		0.0%	0.00%

	yr 2000 plant capacities, Mcf/d		total	pct	MMcft/yr		
EIPaso (Keyes)	480.0		480.0	4.0%	168.00		
BOC (Otis)	3,120.0		3,120.0	26.0%	1,092.00		
Prax (Bushton, Ulysses)	1,032.0	3,048.0	4,080.0	34.0%	361.20	1,066.80	1,428.0
APCI (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%			

all volumes in Mcf

Total volume offered		2,100,000
volume offered at allocated sale	90%	1,890,000
volume offered at nonallocated sale	10%	210,000

Allocated Sale

number of bidders	vol avail	vol bid	vol sold	volume oversubscribed	volume undersubscribed
3	1,890,000	1,590,000.0	1,590,000.0	0	300,000.0

Non-allocated Sale

vol avail, inc. carryover	vol bid	vol sold	number of bidders	number of refiners
510,000.0	50,000.0	50,000.0		1
				0

total sold 1,640,000.0

**Amt to carryover
to next year** 460,000.0