

# OPEN MARKET SALE

April-2005

Total volume for this sale 1,610,000.00 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%                   |                    | 57,960.0         | (57,960.0)           | 57,960.0             | 0.00%               | -                   | -                    | 0.00%               | -                   | 0.0             | 0.0                              |
| BOC (Otis)              | 26.0%                  | 150,000.0          | 376,740.0        | (226,740.0)          | 226,740.0            | 0.00%               | -                   | -                    | 0.00%               | -                   | 150,000.0       | 0.0                              |
| Prax (Bushton, Ulysses) | 34.0%                  | 100,000.0          | 492,660.0        | (392,660.0)          | 392,660.0            | 0.00%               | -                   | -                    | 0.00%               | -                   | 100,000.0       | 0.0                              |
| APCI (Liberal, Guymon)  | 36.0%                  |                    | 521,640.0        | (521,640.0)          | 521,640.0            | 0.00%               | -                   | -                    | 0.00%               | -                   | 0.0             | 0.0                              |
|                         | 0.0%                   |                    | -                | -                    | -                    | 0.00%               | -                   | -                    | 0.00%               | -                   | 0.0             | 0.0                              |
| Total                   | 100.0%                 | 250,000.0          | 1,449,000.0      | -                    | -                    | 0.00%               | -                   | -                    | 0.00%               | -                   | 250,000.0       | 0.0                              |

Total Allocated sale volume: 1,449,000 Mcf excess to be carried over to nonallocated sale 1,199,000.0

## 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             |
| AGA Linde               | 100.0%              | 50,000.0             | 1,360,000.0      | (1,310,000.0)        | 1,310,000.0          | 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             |
|                         | 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         | 1,360,000.0          | -                    | -                   | 0                   | 0                   | -                   | 50,000.0        |

Total nonallocated sale volume including carryover amount 1,360,000 mcf

| allocation calculations |       |           |           |   |          |       |   |          |       |
|-------------------------|-------|-----------|-----------|---|----------|-------|---|----------|-------|
|                         |       |           |           |   | rd 1 pct |       |   | rd 2 pct |       |
| Refiner A               | 4.0%  | -         | 57,960.0  | - | 0.0%     | 0.00% | - | 0.0%     | 0.00% |
| Refiner B               | 26.0% | 150,000.0 | 376,740.0 | - | 0.0%     | 0.00% | - | 0.0%     | 0.00% |
| Refiner C               | 34.0% | 100,000.0 | 492,660.0 | - | 0.0%     | 0.00% | - | 0.0%     | 0.00% |
| Refiner D               | 36.0% | -         | 521,640.0 | - | 0.0%     | 0.00% | - | 0.0%     | 0.00% |
| Refiner E               | 0.0%  | -         | -         | - | 0.0%     | 0.00% | - | 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  | 34.0%   | 361.20   | 1,066.80 | 1,428.0 |  |
| APCI (Liberal, Guymon)  | 3,048.0                         | 1,272.0  | 4,320.0 | 1,066.80 | 445.20   | 1,512.0 |  |
|                         |                                 | 12,000.0 | 100.0%  |          |          |         |  |

**all volumes in Mcf**

|                                     |     |           |
|-------------------------------------|-----|-----------|
| Total volume offered                |     | 1,610,000 |
| volume offered at allocated sale    | 90% | 1,449,000 |
| volume offered at nonallocated sale | 10% | 161,000   |

**Allocated Sale**

| number<br>of bidders | vol avail | vol bid   | vol sold  | volume<br>oversubscribed | volume<br>undersubscribed |
|----------------------|-----------|-----------|-----------|--------------------------|---------------------------|
| 2                    | 1,449,000 | 250,000.0 | 250,000.0 | 0                        | 1,199,000.0               |

**Non-allocated Sale**

| vol avail, inc.<br>carryover | vol bid  | vol sold | number<br>of non refiners | number<br>of refiners |
|------------------------------|----------|----------|---------------------------|-----------------------|
| 1,360,000.0                  | 50,000.0 | 50,000.0 | 1                         | 0                     |

**total sold** 300,000.0

**Amt to carryover  
to next year** 1,310,000.0