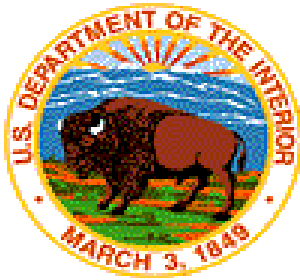
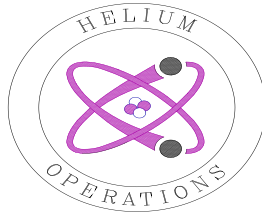


Bureau of Land Management

Amarillo Field Office Helium Operations



Statistical Report for May - 2012



Distribution:

Fluid Minerals Group Manager, Washington Office
NMSO, New Mexico State Director
NMSO, Associate State Director
NMSO, Petroleum Engineer
Field Manager, Amarillo Field Office
Assistant Field Managers (3)
Team Leaders
-Federal Leased Lands
-Resources Evaluation & Gas Analysis
-Division Of Helium Operations, -
Engineering and Technical Support

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Amarillo, Texas

Compiled by: Nelson R. Bullard

Issued: October 22, 2012

*** Revised ***

"Please Note: Data in this report is accurate as of print date; however all data is subject to change."

Approved for Distribution: Samuel R. M. Burton

Date: July 23, 2012

Table 1 - Summary of Helium Operations

May - 2012

Helium Enrichment Unit Operations

Gas Processed

| | Month | | | Gross FYTD | Net FYTD |
|----------------------------|--------------|------------|-----------------|------------|-----------|
| | Gross Volume | Net Helium | Average Percent | | |
| Measured Plant Feed (Mcf*) | 736,734 | 194,797 | 26.44% | 5,423,203 | 1,491,816 |
| Helium Product (Mcf*) | 243,933 | 193,022 | 79.13% | 1,877,023 | 1,485,126 |
| Residue Natural Gas (Mcf*) | 332,063 | 0 | 00.00% | 2,358,405 | 0 |

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas & Liquids Produced

Gas Processed

| | Month | FYTD |
|-----------------------------|---------|-----------|
| Natural Gas Sales (Mcf****) | 328,873 | 2,335,340 |
| NGL Sales (gallons) | 113,669 | 852,783 |

*** Volumes in Mcf at 14.73 psia & 60°F

Bush Dome Reservoir Operations

Conservation gases from all sources

| | Month | | | Gross FYTD | Net FYTD |
|-------------------------|--------------|------------|-----------------|------------|-----------|
| | Gross Volume | Net Helium | Average Percent | | |
| Total Withdrawn (Mcf*) | 740,882 | 194,100 | 26.20% | 5,423,301 | 1,492,880 |
| Crude Injection (Mcf*) | 0 | 0 | 00.00% | 0 | 0 |
| Crude Production (Mcf*) | 0 | 0 | 00.00% | 0 | 0 |

* Volumes in Mcf at 14.65 psia & 60°F

Storage Operations

Conservation Helium

| | Volume Outstanding | Month | FYTD | CYTD | Cumulative |
|---|--------------------|------------|-----------|---------|------------|
| Conservation Crude Sale Volume Sold/Paid (Mcf*) | | 0 | 1,050,000 | 525,000 | 15,113,600 |
| Conservation Crude Sale Volume Transferred (Mcf*) | 0 | 0 | 1,575,000 | 975,000 | 15,113,600 |
| Conservation Helium in Storage (EOM) (Mcf*) | | 12,017,414 | | | |

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

| | Month | FYTD | CYTD | Cumulative |
|---------------------------------|--------|---------|--------|------------|
| Sale Volumes Transferred (Mcf*) | 36,351 | 116,818 | 74,692 | 2,833,548 |
| Sale Volumes Outstanding (Mcf*) | 519 | | | |

* Volumes in Mcf at 14.65 psia & 60°F

Private Company Helium Storage Contracts

Contact Activity

| | Month | | | Annual Helium FYTD |
|--|--------------|------------|-----------------|--------------------|
| | Gross Volume | Net Helium | Average Percent | |
| Crude Acquired (Mcf*) | 46,981 | 31,040 | 66.07% | 245,295 |
| Crude Disposed (Mcf*) | 287,086 | 220,887 | 76.94% | 1,713,556 |
| Net Balance (Mcf*) | (240,105) | (189,847) | | (1,468,261) |
| Balance of Stored Helium End Of Month (Mcf*) | | 1,378,082 | | |

* Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))

| | Month | FYTD |
|---------------------------------------|-----------|-------------|
| Storage Fees Billed (\$) | \$391,826 | \$2,743,130 |
| Reservoir Management Fees Billed (\$) | \$239,399 | \$1,964,133 |

Field Compressor Charges (Charges Billed (\$))

| | Month | FYTD |
|--|------------|-------------|
| Funded by the Refiners (provides for booster compression services) | (\$59,706) | (\$477,648) |
| Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.) | \$16,462 | \$131,699 |
| Net-Total (Funded by the Refiners for compression costs.) | (\$43,244) | (\$345,949) |

Enrichment Unit Charges (Charges Billed (\$))

| | Month | FYTD |
|---|-------------|---------------|
| Reservoir Management Fees (RMF) | \$239,399 | \$1,964,133 |
| Total operating costs | (\$852,801) | (\$6,846,927) |
| Sub Total - Items provided by BLM | \$350,244 | \$2,826,464 |
| Total - Cliffside Refiners, LP, GDA030001 | (\$502,558) | (\$4,020,463) |

Conservation Helium - Natural Gas - Liquid Sales

(Charges Billed (\$))

| | Month | FYTD |
|---------------------------------|-----------|--------------|
| Conservation Crude Helium Sales | \$0 | \$79,537,500 |
| In Kind Sales | \$0 | \$4,863,523 |
| Natural Gas & Liquid Sales | \$904,948 | \$7,401,472 |

Helium Resources Evaluation

| | Month | FYTD |
|--|---------------|--------------|
| Revenue Collected from Federal Lease Holds | \$969,567 | \$7,647,193 |
| Helium Sample Collection Report for month | Submitted - 0 | Received - 0 |
| | Analyzed - 25 | |

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

May - 2012

| | | Gross Withdrawal | | Net Helium Withdrawal | | Nitrogen | | Methane | | Ethane plus | | Other (CO2, Ar, H2) | |
|-----------------|--------|------------------|--------------|-----------------------|--------------|----------|-------------|---------|-------------|-------------|------------|---------------------|------------|
| | | Month | Cumulative | Month | Cumulative | Month | Cumulative | Month | Cumulative | Month | Cumulative | Month | Cumulative |
| TOTAL | | 740,882 | 199,813,407 | 194,100 | 36,747,855 | 185,801 | 49,149,602 | 320,316 | 102,032,035 | 34,355 | 10,226,974 | 6,310 | 1,656,941 |
| BIVINS A-3 | May-12 | 24,652 | 10,640,286 | 13,187 | 3,385,458 | 6,170 | 2,691,738 | 4,642 | 4,091,656 | 492 | 399,923 | 161 | 71,510 |
| BIVINS A-6 | May-12 | 72,574 | 9,629,593 | 46,814 | 5,721,903 | 18,028 | 2,363,827 | 6,584 | 1,372,962 | 631 | 131,030 | 516 | 39,871 |
| BIVINS A-13 | May-12 | 51,775 | 6,603,344 | 21,036 | 3,771,685 | 12,877 | 1,708,705 | 15,699 | 982,148 | 1,780 | 105,977 | 383 | 34,830 |
| BIVINS A-14 | May-12 | 58,108 | 7,250,949 | 27,318 | 4,615,641 | 14,475 | 1,844,119 | 14,305 | 683,258 | 1,549 | 71,350 | 460 | 36,580 |
| BIVINS A-4 | May-12 | 43,393 | 11,932,733 | 8,715 | 2,164,880 | 10,596 | 2,892,587 | 21,393 | 6,156,887 | 2,273 | 614,041 | 416 | 104,337 |
| BUSH A-2 | May-12 | 54,241 | 11,086,900 | 8,860 | 1,704,180 | 13,710 | 2,708,347 | 28,157 | 5,976,208 | 3,134 | 602,884 | 380 | 95,281 |
| Injection | May-12 | 0 | 66,240,889 | 0 | 47,846,276 | 0 | 17,067,782 | 0 | 775,688 | 0 | 23 | 0 | 551,121 |
| inj Bivins A-3 | May-12 | 0 | (25,652,315) | 0 | (18,384,452) | 0 | (6,554,549) | 0 | (332,777) | 0 | 0 | 0 | (380,537) |
| inj Bivins A-6 | May-12 | 0 | (24,201,365) | 0 | (17,514,139) | 0 | (6,437,517) | 0 | (138,222) | 0 | (12) | 0 | (111,475) |
| inj Bivins A-13 | May-12 | 0 | (6,490,417) | 0 | (4,706,191) | 0 | (1,656,853) | 0 | (122,391) | 0 | (2) | 0 | (4,980) |
| inj Bivins A-14 | May-12 | 0 | (6,501,333) | 0 | (4,767,421) | 0 | (1,602,106) | 0 | (126,303) | 0 | (7) | 0 | (5,497) |
| inj Bivins A-4 | May-12 | 0 | (2,527,801) | 0 | (1,848,815) | 0 | (601,353) | 0 | (42,016) | 0 | 0 | 0 | (35,617) |
| inj Bush A-2 | May-12 | 0 | (867,658) | 0 | (625,258) | 0 | (215,406) | 0 | (13,980) | 0 | 0 | 0 | (13,015) |
| Production | May-12 | 0 | 1,217,868 | 0 | 897,578 | 0 | 261,663 | 0 | 47,122 | 0 | 3,172 | 0 | 8,333 |
| BIVINS A-1 | May-12 | 0 | 2,686,608 | 0 | 48,896 | 0 | 636,995 | 0 | 1,798,415 | 0 | 175,704 | 0 | 26,597 |
| BIVINS A-2 | May-12 | 30,991 | 13,082,340 | 1,600 | 1,844,243 | 7,341 | 3,213,915 | 19,697 | 7,202,521 | 2,062 | 714,272 | 291 | 107,389 |
| BIVINS A-5 | May-12 | 40,212 | 14,774,297 | 8,599 | 1,805,278 | 10,257 | 3,610,682 | 18,983 | 8,390,812 | 2,065 | 838,566 | 308 | 128,960 |
| BIVINS A-7 | May-12 | 33,123 | 10,844,232 | 10,809 | 2,480,368 | 8,633 | 2,723,268 | 12,105 | 5,050,459 | 1,357 | 510,782 | 219 | 79,355 |
| BIVINS A-9 | May-12 | 13,602 | 9,447,197 | 283 | 177,757 | 3,526 | 2,312,283 | 8,758 | 6,242,026 | 928 | 627,949 | 107 | 87,182 |
| BIVINS A-11 | May-12 | 30,899 | 5,513,530 | 850 | 112,149 | 7,928 | 1,364,792 | 19,738 | 3,615,141 | 2,099 | 369,437 | 284 | 52,011 |
| BIVINS A-15 | May-12 | 31,254 | 8,450,512 | 560 | 406,588 | 7,396 | 2,016,197 | 20,797 | 5,403,280 | 2,135 | 539,133 | 366 | 85,314 |
| BIVINS B-1 | May-12 | 31,075 | 6,665,496 | 925 | 266,785 | 7,623 | 1,613,365 | 20,117 | 4,284,688 | 2,084 | 435,250 | 325 | 65,407 |
| BIVINS B-2 | May-12 | 33,041 | 5,370,591 | 628 | 100,953 | 8,462 | 1,339,239 | 21,177 | 3,500,145 | 2,229 | 358,595 | 545 | 71,659 |
| BUSH A-1 | May-12 | 0 | 5,721,962 | 0 | 104,140 | 0 | 1,356,677 | 0 | 3,830,281 | 0 | 374,216 | 0 | 56,647 |
| BUSH A-3 | May-12 | 46,278 | 10,692,127 | 19,374 | 2,348,537 | 11,857 | 2,633,456 | 13,184 | 5,104,043 | 1,481 | 512,030 | 382 | 94,060 |
| BUSH A-4 | May-12 | 31,924 | 7,762,381 | 5,758 | 1,462,336 | 8,183 | 1,936,932 | 16,054 | 3,909,919 | 1,738 | 396,197 | 191 | 56,997 |
| BUSH A-5 | May-12 | 55,789 | 14,635,019 | 17,100 | 3,245,356 | 14,261 | 3,665,491 | 21,699 | 6,922,959 | 2,405 | 697,430 | 324 | 103,783 |
| BUSH A-8 | May-12 | 22,399 | 3,553,258 | 413 | 65,134 | 5,570 | 855,756 | 14,559 | 2,353,639 | 1,515 | 236,425 | 342 | 42,304 |
| BUSH A-9 | May-12 | 12,162 | 3,760,636 | 646 | 99,796 | 3,145 | 905,355 | 7,490 | 2,475,090 | 817 | 246,620 | 64 | 33,775 |
| BUSH A-11 | May-12 | 17,099 | 4,133,915 | 490 | 122,705 | 4,106 | 988,554 | 11,140 | 2,702,026 | 1,146 | 273,938 | 217 | 46,693 |
| BUSH B-1 | May-12 | 0 | 3,187,748 | 0 | 59,874 | 0 | 756,137 | 0 | 2,131,001 | 0 | 209,477 | 0 | 31,258 |
| FUQUA A-1 | May-12 | 0 | 2,954,094 | 0 | 53,854 | 0 | 702,797 | 0 | 1,975,172 | 0 | 193,572 | 0 | 28,699 |
| FUQUA A-2 | May-12 | 0 | 132,119 | 0 | 2,404 | 0 | 31,322 | 0 | 88,458 | 0 | 8,637 | 0 | 1,297 |
| FUQUA A-3 | May-12 | 6,291 | 9,301,542 | 136 | 576,955 | 1,654 | 2,277,065 | 4,037 | 5,788,840 | 435 | 583,537 | 29 | 75,145 |
| TT Fuel | May-12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| field-wide pcts | | | | 26.20% | 18.39% | 25.08% | 24.60% | 43.23% | 51.06% | 4.64% | 5.12% | 0.85% | 0.83% |

Latest estimates of reserves and feed to HEU

Based on NITEC's 2003 reserves study
from NITEC's interim report

As of EOM May-12

Volumes in BCF

| | | |
|-----------------------------|---------|-------------------------------------|
| Initial Gas In Place | 330.040 | |
| Produced 1924 to 1961 | 48.830 | |
| Injected 1924 to 1961 | 0.450 | |
| Remaining Gas In Place 1961 | 281.660 | |
| Left Behind Pipe, 1961 | 82.060 | ====> 1.500 BCF of contained helium |
| Remaining in Place, 1961 | 199.600 | |

| | | |
|-------------------------------------|---------|--|
| Gas In Place 1961 | 199.600 | |
| Produced 1961 to July 2002 | 82.450 | |
| Injected 1961 to July 2002 | 64.510 | Net Helium |
| Remaining Gas In Place July 2002 | 181.660 | 33.997 |
| Produced July 2002 through Dec 2002 | 1.096 | 0.743 |
| Production 2003 - 11 | 64.030 | 17.490 |
| Injection 2003 - 11 | (1.189) | (0.985) |
| Produced to Date 2012 | 3.404 | 0.910 |
| Injected to Date 2012 | (0.000) | (0.000) |
| Amount of Raw Gas Available to CHEU | 114.318 | ====> 15.839 total helium in reservoir |
| Estimated Bottom Hole Pressure | 420.913 | est z-factor 0.980 |

* All volumes on Table 2 are reported in Mcf at 14.65 psia & 60°F

Table 3 - Gas Volumes & Inventory

May - 2012

Crude Helium Enrichment Unit Operations

| | | Gross Withdrawal | | Net Helium Withdrawal | | Nitrogen | | Methane | | Ethane plus | | Other (CO2, Ar, H2) | |
|------------------|--------|------------------|------------|-----------------------|------------|----------|------------|---------|------------|-------------|------------|---------------------|------------|
| | | Month | Cumulative | Month | Cumulative | Month | Cumulative | Month | Cumulative | Month | Cumulative | Month | Cumulative |
| Measured Feed | May-12 | 736,734 | 64,962,757 | 194,797 | 16,742,792 | 184,236 | 16,306,714 | 317,707 | 28,345,823 | 33,696 | 3,019,680 | 6,298 | 547,748 |
| Calculated Feed | May-12 | 739,815 | 64,641,794 | 194,043 | 16,741,313 | 185,525 | 16,228,746 | 319,659 | 28,119,172 | 34,283 | 3,006,971 | 6,304 | 545,592 |
| Feed to Box | May-12 | 735,303 | 64,261,074 | 194,043 | 16,741,492 | 185,525 | 16,228,829 | 319,659 | 28,119,218 | 34,283 | 3,006,978 | 1,791 | 164,558 |
| Cheu Product | May-12 | 243,933 | 21,017,646 | 193,022 | 16,526,974 | 44,564 | 3,936,302 | 4,613 | 407,697 | 2 | 395 | 1,733 | 146,278 |
| Residue | May-12 | 332,063 | 28,376,267 | 0 | 1,476 | 8,596 | 712,756 | 294,601 | 25,157,695 | 28,867 | 2,503,109 | 0 | 1,231 |
| Cold Box Vent | May-12 | 118,659 | 11,087,952 | 98 | 84,945 | 110,575 | 9,774,467 | 7,950 | 1,167,985 | (0) | 136 | 36 | 60,419 |
| Flare/Boot Strap | May-12 | 0 | 1,604,200 | 0 | 45,724 | 0 | 1,029,470 | 0 | 430,154 | 0 | 93,600 | 0 | 5,252 |
| Fuel From Cheu | May-12 | 7,892 | 884,961 | 0 | 245 | 252 | 26,661 | 6,489 | 717,960 | 1,151 | 140,096 | 0 | 0 |
| Shrinkage/Loss | May-12 | 4,265 | 260,384 | 0 | 0 | 0 | 0 | 0 | 0 | 4,265 | 260,384 | 0 | 0 |
| Unaccounted* | May-12 | 28,491 | 1,739,269 | 923 | 76,261 | 21,538 | 1,431,826 | 6,007 | 227,739 | 0 | 1,084 | 23 | 2,359 |

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

| | Government | Private |
|---------------------------|------------|-----------|
| Beginning inventory | 12,055,479 | 1,531,578 |
| net acceptances + | 0 | 0 |
| redeliveries | 0 | (189,847) |
| In Kind Transfers | (36,351) | 36,351 |
| Conservation Crude Sales | 0 | 0 |
| Gain/loss | (1,714) | |
| Ending Inventory | 12,017,414 | 1,378,082 |
| Total Helium in Reservoir | 15,838,833 | |
| Total Helium in Storage | 13,395,496 | |
| Helium in native gas | 2,443,337 | |

Crude Helium Pipeline

| | Gross | Net Helium | Percent |
|--|---------|------------|---------|
| Beginning inventory | 32,361 | 25,049 | 77.41% |
| Measured to Pipeline (Private Plants) | 46,981 | 31,105 | 66.21% |
| Measured from Pipeline (Private Plant: | 287,086 | 220,887 | 76.94% |
| HEU Production | 243,933 | 193,022 | 79.13% |
| Injection | 0 | 0 | 00.00% |
| Production | 0 | 0 | |
| Ending Inventory | 34,517 | 26,575 | 76.99% |
| Gain/Loss | (1,672) | (1,714) | |

Tuck Trigg Reservoir Operations

| Native Gas (Gross) | Since Field | | |
|--------------------------------------|-------------|-------------|-----------|
| | Month | Fiscal Year | Discovery |
| Total in place, beg. of period | 5,198,688 | 5,198,688 | 5,890,000 |
| Recoverable in place, beg. of period | 4,528,688 | 4,528,688 | 5,220,000 |
| Production during period to date | 0 | 0 | 691,312 |
| Total in place, end of month | 5,198,688 | 5,198,688 | 5,198,688 |
| Recoverable in place, end of month | 4,528,688 | 4,528,688 | 4,528,688 |

* All volumes on Table 3 are reported in Mcf at 14.65 psia & 60°F

Table 4 - In Kind Helium Sales

May - 2012

| | NASA* | Navy* | Army* | Air Force* | DOE* | Other Fed* | Subtotal* | In Kind+ | Charges Billed (\$) ** |
|--|-----------|--------|-------|------------|---------|------------|-----------|-----------|------------------------|
| In Kind Helium | | | | | | | | | |
| AirGas South West, Contract no. INC98-0101 | | | | | | | | | (billed quarterly) |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| AirGas North Central, Contract no. INC98-0102 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| AirGas Intermountain, Contract no. INC98-0103 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| Air Liquide Helium America, Inc., Contract no. INC98-0104 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| Air Products, L.P., Contract no. INC98-0105 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| Linde Gas North America, LLC, Contract no. INC98-0106 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| Corp Brothers, Inc., Contract no. INC98-0107 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| FIBA Technologies, Inc., Contract no. INC98-0108 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| General Air Service & Supply Co., Contract no. INC98-0109 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| Jack B. Kelley Co., Contract no. INC98-0110 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| Portland Welding Supply, Contract no. INC98-0111 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| Praxair, Inc., Contract no. INC98-0112 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| United States Welding, Inc., Contract no. INC98-0113 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| Matheson Tri-Gas, Inc., Contract no. INC98-0114 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| GT & S, Contract no. INC00-0115 | | | | | | | | | |
| Month | | | | | | | | | |
| FYTD | | | | | | | | | |
| Total month | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0 |
| Total FYTD | 25,022 | 4,400 | 21 | 882 | 14,277 | 31,263 | 75,864 | 74,691 | \$4,863,523 |
| Total CYTD | 11,788 | 2,150 | 21 | 36 | 5,144 | 17,827 | 36,966 | 36,395 | \$2,383,857 |
| Cumulative | 1,652,091 | 90,306 | 285 | 271,427 | 386,764 | 477,735 | 2,878,609 | 2,833,992 | \$156,003,031 |
| In Kind Transfers | | | | | | | Month | FYTD | CYTD Cumulative |
| Transferred | | | | | | | 36,351 | 116,818 | 74,692 2,833,548 |
| Volume outstanding | | | | | | | 519 | | |

* Volumes in Mcf at 14.7 psia & 70°F

+ Volumes in Mcf at 14.65 psia & 60°F

**Rounded to nearest dollar

Table 5 - Conservation Crude Sales/Reserve Sell-down

May - 2012

Helium & Natural Gas Sales

| | Award Volume* | Outstanding* | Sales* | Charges Billed (\$) ** | |
|---|---------------|--------------|------------|------------------------|------------|
| Conservation Helium | | | | (billed quarterly) | |
| <u>Air Liquide Helium America, Inc.</u> | | | | | |
| Month | 0 | 0 | 0 | \$0 | |
| FYTD | 0 | 0 | 0 | \$0 | |
| Cumulative | 264,250 | | 264,250 | \$18,302,250 | |
| <u>Air Products, L.P.</u> | | | | | |
| Month | 0 | 0 | 0 | \$0 | |
| FYTD | 475,470 | 185,535 | 289,935 | \$21,962,576 | |
| Cumulative | 6,124,870 | | 5,939,335 | \$370,869,326 | |
| <u>Linde Gas North America, LLC</u> | | | | | |
| Month | 0 | 0 | 0 | \$0 | |
| FYTD | 466,185 | 136,185 | 330,000 | \$24,997,500 | |
| Cumulative | 4,787,935 | | 4,651,750 | \$280,532,500 | |
| <u>Keyes Helium Co., LLC</u> | | | | | |
| Month | 0 | 0 | 0 | \$0 | |
| FYTD | 52,615 | 27,615 | 25,000 | \$1,893,750 | |
| Cumulative | 755,815 | | 728,200 | \$43,946,150 | |
| <u>Matheson Tri-Gas, Inc.</u> | | | | | |
| Month | 0 | 0 | 0 | \$0 | |
| FYTD | 0 | 0 | 0 | \$0 | |
| Cumulative | 10,000 | | 10,000 | \$587,500 | |
| <u>Praxair, Inc.</u> | | | | | |
| Month | 0 | 0 | 0 | \$0 | |
| FYTD | 580,730 | 175,665 | 405,065 | \$30,683,674 | |
| Cumulative | 3,495,730 | | 3,320,065 | \$210,442,424 | |
| <u>Linde Gas, LLC discontinued 10 2008</u> | | | | | |
| Month | 0 | 0 | 0 | \$0 | |
| FYTD | 0 | 0 | 0 | \$0 | |
| Cumulative | 200,000 | | 200,000 | \$11,035,000 | |
| Total month | 0 | 0 | 0 | \$0 | |
| Total FYTD | 1,575,000 | 525,000 | 1,050,000 | \$79,537,500 | |
| Total CYTD | 1,050,000 | | 525,000 | \$39,768,750 | |
| Cumulative | 15,638,600 | | 15,113,600 | \$935,715,150 | |
| Conservation Crude Transfers | | Month | FYTD | CYTD | Cumulative |
| Transferred | | 0 | 1,575,000 | 975,000 | 15,113,600 |
| Volume outstanding | | 0 | | | |

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas/Liquid Sales

| | Natural Gas (Mcf)*** | NGLs (gal) | Decatherms | Avg Btu Value | Charges Billed (\$)*** |
|---|----------------------|--|-------------------|----------------------|------------------------|
| <u>El Paso Natural Gas</u> | | | | | |
| | | Provides Measured Firm/Interruptible Transportation Services | | | (billed monthly) |
| Month | 328,873 | --- | 359,736 | 1,094 | (\$28,935) |
| FYTD | 2,335,340 | --- | 2,553,959 | 1,094 | (\$242,975) |
| Cumulative | 27,804,058 | --- | 30,554,340 | 1,099 | (\$3,122,081) |
| <u>Minerals Management Service</u> | | | | | |
| Cumulative | --- | --- | --- | --- | (\$179,913) |
| <u>Tenaska</u> | | | | | |
| | | Purchaser - Natural Gas | | \$/Unit | |
| Month | --- | --- | 354,700 | \$2.203545 | \$781,598 |
| FYTD | --- | --- | 2,521,400 | \$2.521229 | \$6,357,026 |
| Cumulative | --- | --- | 30,351,949 | \$5.183821 | \$156,512,529 |
| <u>Sandstone</u> | | | | | |
| | | Purchaser - Natural Gas Liquids | | | |
| Month | --- | 113,669 | 12,082 | \$12.604367 | \$152,286 |
| FYTD | --- | 852,783 | 90,317 | \$14.254471 | \$1,287,421 |
| Cumulative | --- | 7,872,580 | 839,821 | \$12.349872 | \$10,371,682 |
| | Natural Gas (Mcf)*** | NGLs (gal) | Purchased (Dth's) | \$/Per Unit (\$/Dth) | Total (\$) |
| Total month | 328,873 | 113,669 | 366,782 | \$2.467264 | \$904,948 |
| Total FYTD | 2,335,340 | 852,783 | 2,611,717 | \$2.833949 | \$7,401,472 |
| Total CYTD | 1,488,592 | 531,149 | 1,652,089 | \$2.486428 | \$4,107,801 |
| Cumulative | 27,804,058 | 7,872,580 | 31,191,770 | \$5.270902 | \$163,582,216 |

*** Volumes in Mcf at 14.73 psia & 60°F

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

May - 2012

All Volumes in Mcf at 14.7 psia & 70°F

| Revenue Collected From Federal Leaseholds | Month* | FYTD* |
|--|-----------|-------------|
| Fee Sales & Royalties | \$975,088 | \$7,610,740 |
| Natural Gas Royalties (1) | \$0 | \$4,135 |
| Natural Gas Rentals | \$0 | \$0 |
| Other | \$32,318 | \$341,555 |
| Revenue Collected from Federal Lease Holds | \$969,567 | \$7,647,193 |

*Totals do not sum

| Helium Analysis and Evaluation | Month | FYTD |
|---|-------|------|
| Number of Sample Request Letters Sent | 0 | 0 |
| Number of Samples Received | 0 | 0 |
| Number of Samples Analyzed | 2 | 35 |
| Total Number of Samples Analyzed For Resources Division | 2 | 64 |
| Total Number of Other Samples Analyzed (2) | 25 | 172 |

U. S. Helium Production

| <i>Domestic</i> | FY Volume | | CY Volume |
|--|-----------|--|-------------|
| 2007 Helium Sold | 4,995,600 | | 4,965,176 |
| 2008 Helium Sold | 4,771,200 | | 4,668,286 |
| 2009 Helium Sold | 4,325,600 | | 4,238,415 |
| 2010 Helium Sold | 4,559,100 | | 4,644,278 |
| 2011 Helium Sold | 4,604,000 | | 4,692,233 |
| Estimated Helium Resources as of 12/31/2006(Mcf) | | | 732,000,000 |

| | FY-2010 | CY-2010 |
|--------------------------------|-----------|-----------|
| U.S. Helium Exports (3) | 2,663,848 | 2,767,536 |

(1) Includes drip gas sales & other miscellaneous gas sales.

(2) Includes pipeline, field survey, and other requested analyses.

(3) Data from Department of Commerce - Bureau of the Census.

Table 7 - Helium Storage Contract Activity

May - 2012

All Volumes in Mcf at 14.65 psia & 60°F

| | Metered Gas | | | | | | Transferred Gas | | Stored Helium EOM | Charges Billed (\$)** | |
|--|-------------|----------|-----------|-------------|-----------|--------------|-----------------|------------|-------------------|-----------------------|--------------|
| | Gross Gas | Helium % | Helium | Helium | | | Helium | | | Month | FYTD |
| | Month | | | FYTD | CYTD | Cumulative | Month | Cumulative | | | |
| Total All Contracts* | | | | | | | | | | | |
| Crude Acquired | 46,981 | 66.1% | 31,040 | 245,295 | 150,309 | 30,161,348 | 80,701 | 47,728,829 | | | |
| Crude Disposed | 287,086 | 76.9% | 220,887 | 1,713,556 | 1,044,392 | 44,609,283 | 44,350 | 30,424,094 | | \$391,826 | Storage Fees |
| Grade-A Rdlvrd | 0 | | 0 | 0 | 0 | 1,478,718 | | | | \$239,399 | RMF Fees |
| Net/Balance | (240,105) | | (189,847) | (1,468,261) | (894,083) | (15,926,653) | 36,351 | 17,304,735 | 1,378,082 | \$631,225 | \$4,707,263 |
| Total Prior Contracts (TERMINATED) | | | | | | | | | | | |
| Crude Acquired | | | | 0 | 0 | 17,406,129 | 0 | 18,196,898 | | | |
| Crude Disposed | | | | 0 | 0 | 11,830,863 | 0 | 19,148,768 | | | |
| Grade-A Rdlvrd | | | | 0 | 0 | 1,478,718 | | | | | |
| Number of trailers | | | | 0 | 0 | 9,834 | | | 0 | | |
| Linde Gas North America, LLC, Contract no. 1995-3249 | | | | | | | | | | | |
| Crude Acquired | | | | | | | | | | | |
| Crude Disposed | | | | | | | | | | | |
| Net/Balance | | | | | | | | | | | |
| Praxair, Inc., Contract no. 1995-3251 | | | | | | | | | | | |
| Crude Acquired | | | | | | | | | | | |
| Crude Disposed | | | | | | | | | | | |
| Net/Balance | | | | | | | | | | | |
| Air Products, L.P., Contract no. 1995-3256 | | | | | | | | | | | |
| Crude Acquired | | | | | | | | | | | |
| Crude Disposed | | | | | | | | | | | |
| Net/Balance | | | | | | | | | | | |
| ExxonMobil Gas Marketing Co., Contract no. 1995-3280 | | | | | | | | | | | |
| Crude Acquired | | | | | | | | | | | |
| Crude Disposed | | | | | | | | | | | |
| Net/Balance | | | | | | | | | | | |
| Pioneer Natural Resources USA, Inc, Contract no. 1995-3286 | | | | | | | | | | | |
| Crude Acquired | | | | | | | | | | | |
| Crude Disposed | | | | | | | | | | | |
| Net/Balance | | | | | | | | | | | |
| Keyes Helium Co., LLC, Contract no. 1995-3287 | | | | | | | | | | | |
| Crude Acquired | | | | | | | | | | | |
| Crude Disposed | | | | | | | | | | | |
| Net/Balance | | | | | | | | | | | |
| Air Liquide Helium America, Inc., Contract no. 2003-3284 | | | | | | | | | | | |
| Crude Acquired | | | | | | | | | | | |
| Crude Disposed | | | | | | | | | | | |
| Net/Balance | | | | | | | | | | | |
| Matheson Tri-Gas, Inc., Contract no. 2007-3288 | | | | | | | | | | | |
| Crude Acquired | | | | | | | | | | | |
| Crude Disposed | | | | | | | | | | | |
| Net/Balance | | | | | | | | | | | |
| Airgas Merchant Gases, Contract no. 2009-3290 | | | | | | | | | | | |
| Crude Acquired | | | | | | | | | | | |
| Crude Disposed | | | | | | | | | | | |
| Net/Balance | | | | | | | | | | | |
| Government Helium | | | | | | | | | | | |
| Remaining Crude Acquired beginning of the month | | | | | | 12,055,479 | | | | | |
| Crude Disposed: In Kind Sales transferred for the month | | | | | | (36,351) | | | | | |
| Conservation Crude Sales/Reserve Sell Down transferred (month) | | | | | | 0 | | | | | |
| Gains and Loses for the month | | | | | | (1,714) | | | | | |
| Net/Balance of Purchased Helium Remaining for Sale | | | | | | 12,017,414 | | | | | |

*Includes In Kind and Conservation Crude transfers from Government storage

**Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations)

May - 2012

| Field/CHEU Compressor Operations | | Month | FYTD | Cumulative |
|--|--------------|----------|----------|-------------|
| Spot gas fuel price * | \$ per/MMBTU | \$2.20 | \$2.48 | \$5.31 |
| Fuel used * (now includes field compression well head) | total MMBTU | 9,579 | 76,929 | 1,234,877 |
| Field Compression Fuel Cost * | \$dollars | \$0 | \$0 | \$654,398 |
| CHEU Compression Fuel Cost * | \$dollars | \$11,992 | \$99,406 | \$3,503,891 |
| CHEU Process Fuel Cost * | \$dollars | \$8,081 | \$59,379 | \$2,356,972 |
| Rental compressor(s) fuel consumed (well head) | \$dollars | \$1,001 | \$7,629 | \$9,715 |
| Rental Compressor(s) helium in fuel (Mcf x \$\$) | \$dollars | \$6,060 | \$24,089 | \$26,240 |
| Rental compressor(s) helium in fuel (Mcf) | Mcf | 80 | 318 | 347 |
| #1 Compressor run time * | hours | 744 | 5,810 | 73,184 |
| #2 Compressor run time * | hours | 292 | 1,166 | 48,214 |
| #3 Compressor run time * | hours | 459 | 4,654 | 37,061 |

* Field/CHEU Compressor Operations based on May 12 activity

| Field Compressor Charges | Charges Billed (\$)* | | |
|--|----------------------|-------------|---------------|
| Linde Gas North America, LLC, Contract no. 1995-3249 | | | |
| Praxair, Inc., Contract no. 1995-3251 | | | |
| Air Products, L.P., Contract no. 1995-3256 | | | |
| Keyes Helium Co., LLC, Contract no. 1995-3287 | | | |
| SubTotal - Cliffside Refiners, LP (provides booster compression services) | (\$59,706) | (\$477,648) | (\$8,888,137) |
| Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.) | \$16,462 | \$131,699 | \$2,220,491 |
| Net Total - Cliffside Refiners, LP | (\$43,244) | (\$345,949) | (\$6,667,646) |

* BLM provided fuel cost is based on Apr 12 fuel consumed

***Rounded to nearest dollar**

| Crude Helium Enrichment Unit (CHEU) CHEU Runtime | Month | | FYTD | | Cumulative |
|---|-------------|---------|-------------|---------|-------------|
| | Runtime Hrs | Percent | Runtime Hrs | Percent | Runtime Hrs |
| Processing feed gas | 744 | 100.0% | 5,831 | 99.6% | 75,843 |
| Producing residue gas | 744 | 100.0% | 5,809 | 99.2% | 75,058 |
| Producing helium product | 744 | 100.0% | 5,809 | 99.2% | 72,158 |
| Producing natural gas liquids | 744 | 100.0% | 5,809 | 99.2% | 70,693 |

| CHEU Charges | Charges Billed (\$)* | | |
|---|----------------------|---------------|----------------|
| | Month | FYTD | Cumulative |
| Reservoir Management Fees (RMF) | \$239,399 | \$1,964,133 | \$21,991,133 |
| Total operating costs | (\$852,801) | (\$6,846,927) | (\$93,843,961) |
| Labor | \$116,095 | \$928,763 | \$8,691,880 |
| Compressor fuel cost Apr 12 | \$9,358 | \$108,283 | \$3,542,714 |
| HEU fuel cost Apr 12 | \$6,045 | \$63,073 | \$2,393,718 |
| Electrical power cost Apr 12 | \$134,873 | \$1,081,752 | \$14,083,962 |
| Other | \$83,872 | \$644,593 | \$9,221,646 |
| Sub Total - Items provided by BLM | \$350,244 | \$2,826,464 | \$41,143,274 |
| Total - Cliffside Refiners, LP, GDA030001 | (\$502,558) | (\$4,020,463) | (\$52,700,686) |

***Rounded to nearest dollar**

| CHEU Utility Usage | Month | FYTD | Cumulative |
|---|-----------|------------|-------------|
| Cheu Fuel Gas (Mcf) usage May 12 | 3,177 | 23,711 | 395,046 |
| Cheu Pure Water Usage (gallons) May 12 | 899 | 7,380 | 250,865 |
| Electricity Metered (Kwh) consumed Apr 12 | 2,856,169 | 22,990,658 | 255,332,980 |