

# Bureau of Land Management

## Amarillo Field Office Helium Operations



### Statistical Report for February - 2007



#### *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  
-Natural Gas Engineering

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Amarillo, Texas

Issued: April 16, 2007

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

Approved for distribution: *Nelson R. Bullard*

Date: 04/16/2007

Table 1 - Summary of Helium Operations

February - 2007

**Helium Enrichment Unit Operations**

Gas Processed	Month			Gross Cumulative	Net Cumulative
	Gross Volume	Net Helium	Average Percent		
Plant Feed	618,467	176,864	28.60%	25,597,002	6,392,884
Helium Product	217,923	171,813	78.84%	8,037,606	6,311,224
Residue Natural Gas	252,111	0	00.00%	11,273,434	1,188

**Natural Gas & Liquids Produced**

Gas Processed	Month	FYTD
Natural Gas Sales (Mcf***)	268,072	1,289,477
NGL Sales (gallons)	60,570	328,785

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

**Bush Dome Reservoir Operations**

Conservation gases from all sources	Month			Gross Cumulative	Net Cumulative
	Gross Volume	Net Helium	Average Percent		
Total Withdrawn	621,269	186,731	30.06%	160,393,256	26,067,654
Crude Injection	0	0	00.00%	65,548,513	47,305,370
Crude Production	17,693	12,637	71.42%	678,232	494,683

**Storage Operations**

Conservation Helium	Month	FYTD	CYTD	Cumulative
Open Market Sale Volumes (Mcf*)	10,000	525,000	20,000	5,795,600
Conservation Helium in Storage (EOM)	22,436,182			

\* Volumes in Mcf at 14.65 psia & 60°F

**In Kind Helium**

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred	51,248	108,233	51,248	1,904,233
Sale Volumes Outstanding	51			

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	66,297	44,689	67.41%	217,631
Crude Disposed	303,278	229,229	75.58%	1,097,768
Net Balance	(236,981)	(184,540)		(880,137)
Balance of Stored Helium End Of Month		1,045,634		

Volumes in Mcf at 14.65 psia & 60°F

**Revenue / Charges**

Helium Storage Contracts (Charges Billed (\$))	Month	FYTD
Storage Fees Billed (\$)	\$268,356	\$1,092,199
Reservoir Management Fees Billed (\$)	\$253,782	\$1,190,527

**Field Compressor Charges (Charges Billed (\$))**

	Month	FYTD
Funded by Cliffside Refiners, LP (provides for booster compression services)	(\$54,629)	(\$285,371)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$10,832	\$66,390
Net-Total (Funded by the four Refiners to the Cliffside Refiners, LP for the compression costs.)	(\$43,796)	(\$218,981)

**Enrichment Unit Charges (Charges Billed (\$))**

	Month	FYTD
Reservoir Management Fees (RMF)	\$253,782	\$1,190,527
Total operating costs	(\$926,060)	(\$4,484,122)
Sub Total - Items provided by BLM	\$452,812	\$2,117,882
Total - Cliffside Refiners, LP, GDA030001	(\$473,248)	(\$2,366,240)

**Conservation Helium - Natural Gas - Liquid Sales (Charges Billed (\$))**

	Month	FYTD
Open Market Sales	\$10,575,000	\$40,831,250
In Kind Sales	\$0	\$2,894,538
Natural Gas & Liquid Sales	\$1,923,571	\$8,395,781

**Helium Resources Evaluation**

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$713,505	\$2,984,901
Helium Sample Collection Report for month	Submitted - 45	Received - 1
		Analyzed - 102

\*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

February - 2007

		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
<b>TOTAL</b>		<b>621,269</b>	<b>160,393,256</b>	<b>186,731</b>	<b>26,067,654</b>	<b>156,119</b>	<b>39,278,105</b>	<b>247,139</b>	<b>85,284,787</b>	<b>26,235</b>	<b>8,436,388</b>	<b>5,046</b>	<b>1,326,322</b>
BIVINS A-3	Feb-07	40,696	9,419,252	23,938	2,691,128	10,400	2,384,946	5,569	3,898,958	537	380,501	252	63,719
BIVINS A-6	Feb-07	17,292	7,806,427	12,378	4,439,637	4,189	1,946,875	570	1,270,143	41	122,631	114	27,142
BIVINS A-13	Feb-07	43,454	3,427,403	24,048	2,224,674	10,936	915,407	7,398	250,103	770	25,343	302	11,876
BIVINS A-14	Feb-07	44,379	3,732,760	28,639	2,612,456	11,054	966,281	3,977	130,984	402	12,814	307	10,225
BIVINS A-4	Feb-07	38,660	9,575,655	16,670	1,462,233	9,432	2,315,394	11,045	5,203,425	1,209	511,248	305	83,355
BUSH A-2	Feb-07	40,785	8,764,445	16,089	1,128,429	10,402	2,119,743	12,588	4,948,120	1,424	489,372	283	78,782
Injection	Feb-07	0	65,548,513	0	47,305,370	0	16,934,321	0	762,501	0	16	0	546,305
inj Bivins A-3	Feb-07	0	(25,652,212)	0	(18,384,374)	0	(6,554,527)	0	(332,774)	0	0	0	(380,537)
inj Bivins A-6	Feb-07	0	(23,509,092)	0	(16,973,311)	0	(6,304,076)	0	(125,037)	0	(7)	0	(106,660)
inj Bivins A-13	Feb-07	0	(6,490,417)	0	(4,706,191)	0	(1,656,853)	0	(122,391)	0	(2)	0	(4,980)
inj Bivins A-14	Feb-07	0	(6,501,333)	0	(4,767,421)	0	(1,602,106)	0	(126,303)	0	(7)	0	(5,497)
inj Bivins A-4	Feb-07	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Feb-07	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Feb-07	17,693	678,232	12,637	494,683	4,289	148,213	606	28,650	45	2,093	117	4,593
BIVINS A-1	Feb-07	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Feb-07	19,565	11,874,760	2,441	1,759,603	4,801	2,925,014	10,999	6,457,531	1,158	636,242	166	96,369
BIVINS A-5	Feb-07	27,789	12,722,911	7,963	1,281,216	7,086	3,088,210	11,287	7,499,684	1,245	740,553	208	113,249
BIVINS A-7	Feb-07	27,718	8,952,362	9,880	1,843,042	7,207	2,230,719	9,385	4,377,051	1,065	434,854	180	66,696
BIVINS A-9	Feb-07	38,949	7,609,885	779	140,313	9,904	1,838,228	25,295	5,055,898	2,643	502,854	327	72,592
BIVINS A-11	Feb-07	30,345	3,761,717	634	70,345	7,671	916,419	19,685	2,488,539	2,073	250,235	282	36,179
BIVINS A-15	Feb-07	19,771	6,744,158	568	370,596	4,645	1,612,299	13,027	4,272,140	1,303	423,257	228	65,866
BIVINS B-1	Feb-07	41,853	4,686,103	1,867	190,988	10,286	1,128,797	26,535	3,017,097	2,762	304,044	402	45,177
BIVINS B-2	Feb-07	26,014	3,487,971	500	65,001	6,587	857,103	16,773	2,291,812	1,752	231,822	403	42,233
BUSH A-1	Feb-07	0	5,721,962	0	104,140	0	1,356,677	0	3,830,281	0	374,216	0	56,647
BUSH A-3	Feb-07	34,613	8,536,055	18,266	1,301,004	8,906	2,079,248	6,414	4,622,997	747	456,546	279	76,260
BUSH A-4	Feb-07	22,209	6,108,970	5,888	1,094,880	5,716	1,512,719	9,438	3,141,992	1,030	312,488	137	46,891
BUSH A-5	Feb-07	43,052	12,021,709	13,779	2,404,095	10,976	2,998,285	16,266	5,942,410	1,786	588,542	245	88,377
BUSH A-8	Feb-07	16,217	2,576,376	300	47,054	3,930	614,710	10,652	1,716,307	1,100	170,220	235	28,085
BUSH A-9	Feb-07	0	3,365,825	0	78,958	0	804,323	0	2,230,706	0	220,113	0	31,724
BUSH A-11	Feb-07	19,590	2,812,671	732	77,418	4,725	671,015	12,599	1,848,325	1,299	185,546	235	30,367
BUSH B-1	Feb-07	394	3,093,266	8	58,082	94	733,704	262	2,068,292	27	202,726	4	30,461
FUQUA A-1	Feb-07	0	2,954,069	0	53,853	0	702,791	0	1,975,156	0	193,571	0	28,699
FUQUA A-2	Feb-07	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Feb-07	27,924	7,817,818	1,362	517,211	7,174	1,890,879	17,375	4,859,963	1,863	482,309	151	67,457
TT Fuel	Feb-07	43	0	1	0	10	0	28	0	3	0	0	0
field-wide pcts				30.06%	16.25%	25.13%	24.49%	39.78%	53.17%	4.22%	5.26%	0.81%	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	Feb-07	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 - 06		26.769	7.366
Injection 2003 - 06		(0.528)	(0.407)
Produced to Date 2007		1.247	0.373
Injected to Date 2007		(0.012)	(0.009)
Amount of Raw Gas Available to CHEU		153.087	====>> 25.932 total helium in reservoir
Estimated Bottom Hole Pressure		560.665	est z-factor 0.975

### Table 3 - Gas Volumes & Inventory

February - 2007

#### 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	Feb-07	618,467	25,597,002	176,864	6,392,884	156,040	6,434,328	253,616	11,337,696	26,861	1,214,856	5,086	217,238
Calculated Feed	Feb-07	603,533	25,775,049	174,093	6,460,493	151,820	6,473,005	246,504	11,403,704	26,188	1,219,052	4,928	218,795
Feed to Box	Feb-07	600,159	25,627,510	174,093	6,460,493	151,820	6,473,005	246,504	11,403,704	26,188	1,219,052	1,554	71,256
Cheu Product	Feb-07	217,923	8,037,606	171,813	6,311,224	40,268	1,512,027	4,328	158,656	1	328	1,514	55,372
Residue	Feb-07	252,111	11,273,434	0	1,188	6,374	279,522	223,232	9,987,551	22,506	1,003,964	0	1,209
Cold Box Vent	Feb-07	96,584	4,832,852	83	79,188	88,752	3,998,816	7,719	695,438	(0)	137	29	59,273
Flare/Boot Strap	Feb-07	0	579,986	0	29,369	0	240,906	0	227,227	0	77,382	0	5,101
Fuel From Cheu	Feb-07	10,578	308,500	5	201	343	8,988	8,619	249,140	1,611	50,171	0	0
Shrinkage/Loss	Feb-07	2,070	82,930	0	0	0	0	0	0	2,070	82,930	0	0
Unaccounted*	Feb-07	20,892	550,798	2,192	37,006	16,083	447,444	2,607	64,029	0	1,071	11	1,247

\*Before October 2004, the values are estimated

#### Storage Operations

##### Inventory (contained helium)

	Government	Private
Beginning inventory	22,497,555	1,168,926
net acceptances + redeliveries	0	0
	0	(184,540)
In Kind Transfers	(51,248)	51,248
Open Market Sales	(10,000)	10,000
Gain/loss	(126)	
Ending Inventory	22,436,182	1,045,634
Total Helium in Reservoir	25,932,144	
Total Helium in Storage	23,481,816	
Helium in native gas	2,450,328	

##### Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	41,289	31,006	75.10%
Measured to Pipeline (Private Plants)	66,704	44,867	67.26%
Measured from Pipeline (Private Plant)	303,315	229,293	75.60%
HEU Production	217,923	171,813	78.84%
Injection	0	0	0.00%
Production	17,693	12,637	71.42%
Ending Inventory	40,811	30,904	75.72%
Gain/Loss	517	(126)	

#### Tuck Trigg Reservoir Operations

Native Gas (Gross)	Month	Fiscal Year	Since Field
			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

Table 4 - In Kind Helium Sales

February - 2007

	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges Billed (\$)**	
<b>In Kind Helium</b>										
<b>Aeriform, Contract no. INC98-0101</b>									(billed quarterly)	
Month										
FYTD										
<b>AGA/Linde Gas, Inc., Contract no. INC98-0102</b>										
Month										
FYTD										
<b>AirGas, Inc., Contract no. INC98-0103</b>										
Month										
FYTD										
<b>Air Liquide Helium America, Inc., Contract no. INC98-0104</b>										
Month										
FYTD										
<b>Air Products, L.P., Contract no. INC98-0105</b>										
Month										
FYTD										
<b>BOC Global Helium, Inc., Contract no. INC98-0106</b>										
Month										
FYTD										
<b>Corp Brothers, Inc., Contract no. INC98-0107</b>										
Month										
FYTD										
<b>FIBA Technologies, Inc., Contract no. INC98-0108</b>										
Month										
FYTD										
<b>General Air Service &amp; Supply Co., Contract no. INC98-0109</b>										
Month										
FYTD										
<b>Jack B. Kelley Co., Contract no. INC98-0110</b>										
Month										
FYTD										
<b>Portland Welding Supply, Contract no. INC98-0111</b>										
Month										
FYTD										
<b>Praxair, Inc., Contract no. INC98-0112</b>										
Month										
FYTD										
<b>United States Welding, Inc., Contract no. INC98-0113</b>										
Month										
FYTD										
<b>Matheson Tri-Gas, Inc., Contract no. INC98-0114</b>										
Month										
FYTD										
<b>GT &amp; S, Contract no. INC00-0115</b>										
Month										
FYTD										
<b>Total month</b>	0	0	0	0	0	0	0	0	\$0	
<b>Total FYTD</b>	30,816	1,597	11	4,475	8,584	6,621	52,104	51,299	\$2,894,538	
<b>Total CYTD</b>	0	0	0	0	0	0	0	0	\$0	
<b>Cumulative</b>	1,128,544	41,291	200	232,394	272,558	259,239	1,934,225	1,904,209	\$98,200,209	
<b>In Kind Transfers</b>							Month	FYTD	CYTD	Cumulative
Transferred							51,248	108,233	51,248	1,904,233
Volume outstanding							51			

\* Volumes in Mcf at 14.7 psia & 70°F  
 + Volumes in Mcf at 14.65 psia & 60°F

\*\*Rounded to nearest dollar

Table 5 - Open Market/Reserve Sell-down

February - 2007

## Helium &amp; Natural Gas Sales

	Award Volume*	Outstanding*	Sales*	Charges Billed (\$)**	
				(billed quarterly)	
<b>Conservation Helium</b>					
<b><u>Air Liquide Helium America, Inc.</u></b>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	50,000		50,000	\$2,625,000	
<b><u>Air Products, L.P.</u></b>					
Month	0	0	0	\$0	
FYTD	360,000	180,000	180,000	\$10,575,000	
Cumulative	2,060,400		1,880,400	\$102,886,000	
<b><u>BOC Global Helium, Inc.</u></b>					
Month	0	0	0	\$0	
FYTD	140,000	0	140,000	\$8,225,000	
Cumulative	2,309,000		2,309,000	\$125,462,500	
<b><u>Keyes Helium Co., LLC</u></b>					
Month	0	(10,000)	10,000	\$587,500	
FYTD	65,000	10,000	55,000	\$3,231,250	
Cumulative	256,200		246,200	\$13,462,650	
<b><u>AGA/Linde Gas, Inc.</u></b>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	50,000		50,000	\$2,700,000	
<b><u>Praxair, Inc.</u></b>					
Month	0	(170,000)	170,000	\$9,987,500	
FYTD	320,000	0	320,000	\$18,800,000	
Cumulative	1,280,000		1,280,000	\$72,120,000	
<b><u>Linde Gas USA LLC</u></b>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	150,000		150,000	\$8,335,000	
<b>Total month</b>	0	(180,000)	180,000	<b>\$10,575,000</b>	
<b>Total FYTD</b>	885,000	190,000	695,000	<b>\$40,831,250</b>	
<b>Total CYTD</b>	380,000		190,000	<b>\$11,162,500</b>	
<b>Cumulative</b>	6,155,600		5,965,600	<b>\$327,591,150</b>	
<b>Open Market Transfers</b>					
Transferred		Month	FYTD	CYTD	Cumulative
Volume outstanding		10,000	525,000	20,000	5,795,600
		170,000			

\* Volumes in Mcf at 14.65 psia &amp; 60°F

## Natural Gas/Liquid Sales

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	\$/unit	Charges Billed (\$)**
<b><u>El Paso Natural Gas</u></b>					
Provides Firm/Interruptible natural gas transportation services (billed monthly)					
Month	252,928		278,306	(\$0.1006)	(\$27,997)
FYTD	1,244,452		1,367,959	(\$0.1023)	(\$139,985)
Cumulative	10,855,469		11,931,340	(\$0.1092)	(\$1,303,144)
<b><u>Minerals Management Service</u></b>					
Provides natural gas marketing services under a Cooperative Agreement					
Month					\$0
FYTD				\$0.0000	\$0
Cumulative				(\$0.0116)	(\$126,024)
<b><u>Cenergy Marketing</u></b>					
Month	268,072	0	270,700	\$7.027301	\$1,882,742
FYTD	1,289,477	0	1,366,751	\$6.069149	\$8,182,349
Cumulative	10,971,243	0	11,943,056	\$6.094482	\$72,258,900
<b><u>Seminole Transportation &amp; Gathering</u></b>					
Month	0	60,570	6,559	\$10.493433	\$68,826
FYTD	0	328,785	35,461	\$9.966342	\$353,416
Cumulative	0	2,689,357	284,978	\$9.806955	\$2,794,766
<b>Total month</b>	268,072	60,570	277,259	\$7.008320	<b>\$1,923,571</b>
<b>Total FYTD</b>	1,289,477	328,785	1,402,212	\$6.067875	<b>\$8,395,781</b>
<b>Total CYTD</b>	564,723	113,555	582,549	\$6.447766	<b>\$3,715,290</b>
<b>Cumulative</b>	10,971,243	2,689,357	12,228,034	\$6.064126	<b>\$73,624,498</b>

\*\*\* Volumes in Mcf at 14.73 psia &amp; 60°F

\*\*Rounded to nearest dollar

## Table 6 - Helium Resources Evaluation

February - 2007

All Volumes in Mcf at 14.7 psia & 70°F

<b>Revenue Collected From Federal Leaseholds</b>	Month*	FYTD*
Fee Sales & Royalties	\$715,264	\$2,962,778
Natural Gas Royalties (1)	\$2,695	\$11,073
Natural Gas Rentals	\$0	\$0
Other	\$9,329	\$40,595
Revenue Collected from Federal Lease Holds	\$713,505	\$2,984,901

\*Totals do not sum

<b>Helium Analysis and Evaluation</b>	Month	FYTD
Number of Sample Request Letters Sent	45	80
Number of Samples Received	1	14
Number of Samples Analyzed	0	11
Total Number of Samples Analyzed For Resources Division	6	21
Total Number of Samples Analyzed (2)	102	258

### U. S. Helium Production

<i>Domestic</i>	FY Volume		CY Volume
2001 Helium Sold	4,908,300		4,756,719
2002 Helium Sold	4,620,900		4,584,904
2003 Helium Sold	4,621,000		4,393,555
2004 Helium Sold	4,675,800		4,692,699
2005 Helium Sold	4,936,900		4,800,782
2006 Helium Sold	4,943,900	*	4,500,000
2007 Helium Sold *	4,800,000	*	4,625,000
Estimated Helium Resources (as of 01/01/2003)			305,000,000

\* Indicates Production Data is Projected

<b>U.S. Helium Exports</b> (3)	FY-2006	CY-2006
	2,071,425	2,233,195

(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

February - 2007

All Volumes in Mcf at 14.65 psia & 60°F

	Metered Gas						Transferred Gas Helium		Stored Helium EOM	Charges Billed (\$)**	
	Gross Gas	Helium %	Helium	Helium			Month	Cumulative		Month	FYTD
				FYTD	CYTD	Cumulative					
<b>Total All Contracts*</b>											
Crude Acquired	66,297	67.4%	44,689	217,631	85,919	27,379,707	88,525	34,412,723			
Crude Disposed	303,278	75.6%	229,229	1,097,768	440,250	31,912,775	27,277	27,355,303			\$268,356 Storage Fees
Grade-A Rdlvrd	0		0	0	0	1,478,718					<u>\$253,782</u> RMF Fees
Net/Balance	(236,981)		(184,540)	(880,137)	(354,331)	(6,011,786)	61,248	7,057,420	1,045,634		\$522,138 \$2,282,726
<b>Total Prior Contracts (TERMINATED)</b>											
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		
<b>BOC Global Helium, Inc., Contract no. 1995-3249</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Praxair, Inc., Contract no. 1995-3251</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Air Products, L.P., Contract no. 1995-3256</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Oneok Field Services, Contract no. 1995-3258</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>ExxonMobil Gas Marketing Co., Contract no. 1995-3280</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Pioneer, Contract no. 1995-3286</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Keyes Helium Co., LLC, Contract no. 1995-3287</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Linde Gas USA LLC, Contract no. 2001-3282</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Air Liquide Helium America, Inc., Contract no. 2003-3284</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Matheson Tri-Gas, Inc., Contract no. 2007-3288</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											

Government Helium	
Remaining Crude Acquired beginning of the month	22,497,555
Crude Disposed: In Kind Sales transferred for the month	(51,248)
Open Market/Reserve Sell Down transferred for the month	(10,000)
Gains and Losses for the month	(126)
Net/Balance of Purchased Helium Remaining for Sale	22,436,182

\*Includes In Kind and Open Market transfers from Government storage

\*\*Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations) February - 2007

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$7.03	\$6.07	\$5.90
Fuel used *	total MMBTU	12,518	66,781	543,101
Field compressor fuel revenue *	\$dollars	\$3,881	\$24,937	\$557,171
HEU compressor fuel credit *	\$dollars	\$47,798	\$206,343	\$1,556,866
HEU fuel credit *	\$dollars	\$36,323	\$174,102	\$1,088,921
#1 Compressor run time *	hours	651	3,108	33,579
#2 Compressor run time *	hours	570	2,747	22,328
#3 Compressor run time *	hours	113	1,032	15,478

\* Field/CHEU Compressor Operations based on Feb 07 activity

Field Compressor Charges	Charges Billed (\$)*		
BOC Global Helium, Inc., 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)	(\$54,629)	(\$285,371)	(\$5,154,483)
Cliffside Refiners, LP, GDA010002 (BLM provided fuel *, labor, supplies, etc.)	\$10,832	\$66,390	\$1,258,915
Net Total - Cliffside Refiners, LP	(\$43,796)	(\$218,981)	(\$3,895,568)

\* BLM provided fuel cost is based on Dec 06 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	670	99.7%	3,272	90.3%	31,540
Producing residue gas	668	99.4%	3,147	86.8%	31,580
Producing helium product	665	98.9%	3,097	85.5%	28,770
Producing natural gas liquids	665	99.0%	3,098	85.5%	27,269

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$253,782	\$1,190,527	\$7,175,412
Total operating costs	(\$926,060)	(\$4,484,122)	(\$38,464,880)
Labor	\$69,817	\$349,085	\$2,517,961
Compressor fuel cost *	\$58,740	\$202,657	\$1,435,635
HEU fuel cost *	\$30,521	\$162,273	\$1,062,251
Electric Power *	\$152,120	\$695,797	\$5,426,213
Other	(\$311,198)	(\$1,409,812)	(\$6,320,109)
Sub Total - Items provided by BLM	\$452,812	\$2,117,882	\$16,705,644
Total - Cliffside Refiners, LP, GDA030001	(\$473,248)	(\$2,366,240)	(\$21,759,236)

\* Based on Dec 06 activity

\*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
CheU Fuel Gas (Mcf) **	4,384	25,459	170,045
CheU Pure Water Usage (gallons) *	3,286	16,895	143,115
Electricity Metered (Kwh) used *	2,348,932	11,068,706	93,084,380