

# Bureau of Land Management

## Amarillo Field Office Helium Operations



### Statistical Report for January - 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: March 26, 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: 03/26/2007

Table 1 - Summary of Helium Operations

January - 2007

**Helium Enrichment Unit Operations**

**Gas Processed**

	Month			Gross Cumulative	Net Cumulative
	Gross Volume	Net Helium	Average Percent		
Plant Feed	594,068	155,828	26.23%	24,978,535	6,216,020
Helium Product	195,982	153,313	78.23%	7,819,683	6,139,411
Residue Natural Gas	238,267	0	00.00%	11,021,323	1,188

**Natural Gas & Liquids Produced**

**Gas Processed**

	Month	FYTD
Natural Gas Sales (Mcf***)	296,651	1,021,405
NGL Sales (gallons)	52,985	268,215

\*\*\* 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Total Withdrawn	625,842	185,785	29.69%	159,771,986	25,880,924
Crude Injection	11,849	9,370	79.08%	65,548,513	47,305,370
Crude Production	40,516	29,371	72.49%	660,538	482,046

**Storage Operations**

**Conservation Helium**

	Month	FYTD	CYTD	Cumulative
Open Market Sale Volumes (Mcf*)	10,000	515,000	10,000	5,785,600
Conservation Helium in Storage (EOM)	22,497,555			

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

**In Kind Helium**

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred	0	56,985	0	1,852,985
Sale Volumes Outstanding	51,299			

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	60,222	41,230	68.46%	172,942
Crude Disposed	282,403	211,021	74.72%	868,539
Net Balance	(222,181)	(169,791)		(695,597)
Balance of Stored Helium End Of Month		1,168,926		

Volumes in Mcf at 14.65 psia & 60°F

**Revenue / Charges**

**Helium Storage Contracts** (Charges Billed (\$))

	Month	FYTD
Storage Fees Billed (\$)	\$268,825	\$823,843
Reservoir Management Fees Billed (\$)	\$227,761	\$936,745

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

	Month	FYTD
Funded by Cliffside Refiners, LP (provides for booster compression services)	(\$63,819)	(\$230,742)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$20,022	\$55,558
Net-Total (Funded by the four Refiners to the Cliffside Refiners, LP for the compression costs.)	(\$43,796)	(\$175,185)

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

	Month	FYTD
Reservoir Management Fees (RMF)	\$227,761	\$936,745
Total operating costs	(\$850,496)	(\$3,558,061)
Sub Total - Items provided by BLM	\$377,248	\$1,665,069
Total - Cliffside Refiners, LP, GDA030001	(\$473,248)	(\$1,892,992)

**Conservation Helium - Natural Gas - Liquid Sales**

(Charges Billed (\$))

	Month	FYTD
Open Market Sales	\$587,500	\$30,256,250
In Kind Sales	\$0	\$2,894,538
Natural Gas & Liquid Sales	\$1,791,718	\$6,472,209

**Helium Resources Evaluation**

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$637,795	\$2,271,396
Helium Sample Collection Report for month	Submitted - 8	Received - 3
		Analyzed - 81

\*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

January - 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>625,842</b>	<b>159,771,986</b>	<b>185,785</b>	<b>25,880,924</b>	<b>155,743</b>	<b>39,121,986</b>	<b>252,468</b>	<b>85,037,649</b>	<b>26,703</b>	<b>8,410,153</b>	<b>5,143</b>	<b>1,321,276</b>
BIVINS A-3	Jan-07	31,316	9,378,556	18,391	2,667,190	8,015	2,374,546	4,302	3,893,390	415	379,965	194	63,467
BIVINS A-6	Jan-07	27,883	7,789,135	21,289	4,427,258	5,700	1,942,686	679	1,269,573	25	122,590	190	27,027
BIVINS A-13	Jan-07	41,288	3,383,949	23,041	2,200,626	10,389	904,471	6,858	242,706	715	24,572	285	11,574
BIVINS A-14	Jan-07	49,868	3,688,381	32,259	2,583,817	12,416	955,227	4,406	127,007	443	12,412	344	9,918
BIVINS A-4	Jan-07	35,020	9,536,995	15,260	1,445,563	8,542	2,305,962	9,864	5,192,380	1,079	510,039	274	83,050
BUSH A-2	Jan-07	37,722	8,723,660	15,101	1,112,340	9,626	2,109,341	11,443	4,935,532	1,289	487,948	263	78,499
Injection	Jan-07	11,849	65,548,513	9,370	47,305,370	2,168	16,934,321	229	762,501	0	16	82	546,305
inj Bivins A-3	Jan-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	Jan-07	(11,849)	(23,509,092)	(9,370)	(16,973,311)	(2,168)	(6,304,076)	(229)	(125,037)	0	(7)	(82)	(106,660)
inj Bivins A-13	Jan-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	Jan-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	Jan-07	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Jan-07	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Jan-07	40,516	660,538	29,371	482,046	8,851	143,924	1,871	28,045	147	2,048	277	4,476
BIVINS A-1	Jan-07	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Jan-07	19,366	11,855,194	2,459	1,757,162	4,755	2,920,213	10,848	6,446,532	1,141	635,084	163	96,203
BIVINS A-5	Jan-07	25,370	12,695,122	7,294	1,273,253	6,471	3,081,124	10,283	7,488,397	1,132	739,308	190	113,040
BIVINS A-7	Jan-07	25,052	8,924,644	8,969	1,833,162	6,515	2,223,512	8,449	4,367,666	957	433,789	163	66,515
BIVINS A-9	Jan-07	41,933	7,570,935	830	139,534	10,661	1,828,324	27,247	5,030,602	2,847	500,211	349	72,264
BIVINS A-11	Jan-07	31,294	3,731,371	651	69,710	7,908	908,748	20,308	2,468,854	2,136	248,162	291	35,896
BIVINS A-15	Jan-07	34,145	6,724,387	985	370,028	8,003	1,607,654	22,473	4,259,113	2,291	421,954	393	65,638
BIVINS B-1	Jan-07	42,261	4,644,250	1,886	189,121	10,386	1,118,511	26,794	2,990,562	2,788	301,281	406	44,775
BIVINS B-2	Jan-07	24,942	3,461,957	480	64,501	6,322	850,517	16,079	2,275,039	1,675	230,070	385	41,830
BUSH A-1	Jan-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	Jan-07	31,049	8,501,442	16,429	1,282,738	7,990	2,070,341	5,715	4,616,583	664	455,799	252	75,981
BUSH A-4	Jan-07	20,263	6,086,761	5,412	1,088,992	5,216	1,507,003	8,572	3,132,554	939	311,458	124	46,754
BUSH A-5	Jan-07	38,956	11,978,657	12,517	2,390,317	9,934	2,987,309	14,675	5,926,144	1,609	586,756	222	88,132
BUSH A-8	Jan-07	16,390	2,560,159	303	46,754	3,972	610,781	10,767	1,705,655	1,112	169,119	236	27,850
BUSH A-9	Jan-07	0	3,365,825	0	78,958	0	804,323	0	2,230,706	0	220,113	0	31,724
BUSH A-11	Jan-07	20,759	2,793,081	759	76,685	5,005	666,291	13,370	1,835,726	1,378	184,248	247	30,132
BUSH B-1	Jan-07	1,841	3,092,872	36	58,074	439	733,611	1,223	2,068,030	127	202,699	16	30,458
FUQUA A-1	Jan-07	0	2,954,069	0	53,853	0	702,791	0	1,975,156	0	193,571	0	28,699
FUQUA A-2	Jan-07	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Jan-07	29,122	7,789,894	1,433	515,849	7,477	1,883,705	18,113	4,842,588	1,941	480,446	157	67,306
TT Fuel	Jan-07	1,841	0	36	0	440	0	1,223	0	126	0	16	0
field-wide pcts				29.69%	16.20%	24.89%	24.49%	40.34%	53.22%	4.27%	5.26%	0.82%	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	Jan-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		0.626	0.186
Injected to Date 2007		(0.012)	(0.009)
Amount of Raw Gas Available to CHEU		153.708	====>> 26.119 total helium in reservoir
Estimated Bottom Hole Pressure		562.939	est z-factor 0.975

### Table 3 - Gas Volumes & Inventory

January - 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	Jan-07	594,068	24,978,535	155,828	6,216,020	150,061	6,278,288	256,219	11,084,080	27,055	1,187,995	4,904	212,153
Calculated Feed	Jan-07	583,485	25,171,516	156,377	6,286,400	146,453	6,321,186	249,374	11,157,200	26,430	1,192,864	4,850	213,866
Feed to Box	Jan-07	580,021	25,027,351	156,377	6,286,400	146,453	6,321,186	249,374	11,157,200	26,430	1,192,864	1,387	69,702
Cheu Product	Jan-07	195,982	7,819,683	153,313	6,139,411	37,231	1,471,759	4,105	154,329	5	327	1,328	53,858
Residue	Jan-07	238,267	11,021,323	0	1,188	6,064	273,149	210,723	9,764,319	21,481	981,459	0	1,209
Cold Box Vent	Jan-07	82,548	4,736,268	69	79,105	75,875	3,910,064	6,579	687,719	(0)	137	24	59,244
Flare/Boot Strap	Jan-07	35,031	579,986	1,964	29,369	12,599	240,906	18,434	227,227	2,022	77,382	12	5,101
Fuel From Cheu	Jan-07	10,157	297,922	5	196	324	8,645	8,268	240,521	1,560	48,560	0	0
Shrinkage/Loss	Jan-07	1,363	80,860	0	0	0	0	0	0	1,363	80,860	0	0
Unaccounted*	Jan-07	16,673	529,906	1,026	34,815	14,360	431,362	1,265	61,423	(0)	1,071	22	1,235

\*Before October 2004, the values are estimated

#### Storage Operations

##### Inventory (contained helium)

	Government	Private
Beginning inventory	22,509,600	1,328,717
net acceptances + redeliveries	0	0
In Kind Transfers	0	0
Open Market Sales	(10,000)	10,000
Gain/loss	(2,045)	
Ending Inventory	22,497,555	1,168,926
Total Helium in Reservoir	26,118,875	
Total Helium in Storage	23,666,481	
Helium in native gas	2,452,394	

##### Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	38,690	29,388	75.96%
Measured to Pipeline (Private Plants)	60,460	41,377	68.44%
Measured from Pipeline (Private Plant)	282,427	211,028	74.72%
HEU Production	195,982	153,313	78.23%
Injection	11,849	9,370	79.08%
Production	40,516	29,371	72.49%
Ending Inventory	41,289	31,006	75.10%
Gain/Loss	(83)	(2,045)	

#### 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

January - 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							0	56,985	0	1,852,985
Volume outstanding							51,299			

\* 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

January - 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	180,000	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	30,000	(10,000)	10,000	\$587,500	
FYTD	65,000	20,000	45,000	\$2,643,750	
Cumulative	256,200		236,200	\$12,875,150	
<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	170,000	0	0	\$0	
FYTD	320,000	170,000	150,000	\$8,812,500	
Cumulative	1,280,000		1,110,000	\$62,132,500	
<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>	380,000	(10,000)	10,000	<b>\$587,500</b>	
<b>Total FYTD</b>	885,000	370,000	515,000	<b>\$30,256,250</b>	
<b>Total CYTD</b>	380,000		10,000	<b>\$587,500</b>	
<b>Cumulative</b>	6,155,600		5,785,600	<b>\$317,016,150</b>	
<b>Open Market Transfers</b>					
Transferred		Month	FYTD	CYTD	Cumulative
Volume outstanding		10,000	515,000	10,000	5,785,600
		0			

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

## Natural Gas/Liquid Sales

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	\$/unit	Charges Billed (\$)** (billed monthly)
<b><u>El Paso Natural Gas</u></b>					
Provides Firm/Interruptible natural gas transportation services					
Month	237,336		260,744	(\$0.1074)	(\$27,997)
FYTD	991,524		1,089,653	(\$0.1028)	(\$111,988)
Cumulative	10,602,541		11,653,034	(\$0.1094)	(\$1,275,147)
<b><u>Minerals Management Service</u></b>					
Provides natural gas marketing services under a Cooperative Agreement					
Month					\$0
FYTD				\$0.0000	\$0
Cumulative				(\$0.0119)	(\$126,024)
<b><u>Cenergy Marketing</u></b>					
Month	296,651	0	299,555	\$5.963650	\$1,765,140
FYTD	1,021,405	0	1,096,051	\$5.832507	\$6,299,607
Cumulative	10,703,171	0	11,672,356	\$6.072848	\$70,376,158
<b><u>Seminole Transportation &amp; Gathering</u></b>					
Month	0	52,985	5,735	\$9.516270	\$54,576
FYTD	0	268,215	28,902	\$9.846724	\$284,590
Cumulative	0	2,628,787	278,419	\$9.790783	\$2,725,940
<b>Total month</b>	296,651	52,985	305,290	\$5.938681	<b>\$1,791,718</b>
<b>Total FYTD</b>	1,021,405	268,215	1,124,953	\$5.836090	<b>\$6,472,209</b>
<b>Total CYTD</b>	296,651	52,985	305,290	\$5.938681	<b>\$1,791,718</b>
<b>Cumulative</b>	10,703,171	2,628,787	11,950,775	\$6.042220	<b>\$71,700,927</b>

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

\*\*Rounded to nearest dollar

## Table 6 - Helium Resources Evaluation

January - 2007

All Volumes in Mcf at 14.7 psia & 70°F

<b>Revenue Collected From Federal Leaseholds</b>	Month*	FYTD*
Fee Sales & Royalties	\$624,252	\$2,247,514
Natural Gas Royalties (1)	\$2,805	\$8,378
Natural Gas Rentals	\$0	\$0
Other	\$13,783	\$31,266
Revenue Collected from Federal Lease Holds	\$637,795	\$2,271,396

\*Totals do not sum

<b>Helium Analysis and Evaluation</b>	Month	FYTD
Number of Sample Request Letters Sent	8	35
Number of Samples Received	3	13
Number of Samples Analyzed	3	11
Total Number of Samples Analyzed For Resources Division	3	15
Total Number of Samples Analyzed (2)	81	156

### 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	4,995,800	*	4,500,000
2007 Helium Sold *	4,700,000	*	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-2005
	2,071,425	1,851,322

(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

January - 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					
	Month										
<b>Total All Contracts*</b>											
Crude Acquired	60,222	68.5%	41,230	172,942	41,230	27,335,018	45,643	34,324,198			
Crude Disposed	282,403	74.7%	211,021	868,539	211,021	31,683,546	35,643	27,328,026		\$268,825	Storage Fees
Grade-A Rdlvrd	0		0	0	0	1,478,718				<u>\$227,761</u>	RMF Fees
Net/Balance	(222,181)		(169,791)	(695,597)	(169,791)	(5,827,246)	10,000	6,996,172	1,168,926	\$496,585	\$1,760,588
<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											

<b>Government Helium</b>	
Remaining Crude Acquired beginning of the month	22,509,600
Crude Disposed: In Kind Sales transferred for the month	0
Open Market/Reserve Sell Down transferred for the month	(10,000)
Gains and Losses for the month	(2,045)
Net/Balance of Purchased Helium Remaining for Sale	22,497,555

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

\*\*Rounded to nearest dollar

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

**Field/CHEU Compressor Operations**

		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$5.96	\$5.85	\$5.87
Fuel used *	total MMBTU	13,439	54,263	530,583
Field compressor fuel revenue *	\$dollars	\$7,697	\$21,056	\$553,290
HEU compressor fuel credit *	\$dollars	\$37,232	\$158,545	\$1,509,068
HEU fuel credit *	\$dollars	\$35,166	\$137,779	\$1,052,598
#1 Compressor run time *	hours	698	2,457	32,928
#2 Compressor run time *	hours	255	2,177	21,758
#3 Compressor run time *	hours	415	919	15,365

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

**Field Compressor Charges**

	Charges Billed (\$)*		
	Month	FYTD	Cumulative
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)	(\$63,819)	(\$230,742)	(\$5,099,855)
Cliffside Refiners, LP, GDA010002 (BLM provided fuel *, labor, supplies, etc.)	\$20,022	\$55,558	\$1,248,083
Net Total - Cliffside Refiners, LP	(\$43,796)	(\$175,185)	(\$3,851,772)

\* BLM provided fuel cost is based on Nov 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	667	89.6%	2,602	88.1%	30,870
Producing residue gas	615	82.6%	2,479	84.0%	30,912
Producing helium product	582	78.2%	2,432	82.4%	28,105
Producing natural gas liquids	615	82.6%	2,433	82.4%	26,604

**CHEU Charges**

	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$227,761	\$936,745	\$6,921,630
Total operating costs	(\$850,496)	(\$3,558,061)	(\$37,538,819)
Labor	\$69,817	\$279,268	\$2,448,144
Compressor fuel cost *	\$21,643	\$143,917	\$1,376,895
HEU fuel cost *	\$37,999	\$131,752	\$1,031,730
Electric Power *	\$106,175	\$543,676	\$5,274,093
Other	(\$235,634)	(\$1,098,613)	(\$6,008,911)
Sub Total - Items provided by BLM	\$377,248	\$1,665,069	\$16,252,831
Total - Cliffside Refiners, LP, GDA030001	(\$473,248)	(\$1,892,992)	(\$21,285,988)

\* Based on Nov 06 activity

**\*Rounded to nearest dollar**

**CHEU Utility Usage**

	Month	FYTD	Cumulative
CheU Fuel Gas (Mcf) **	5,268	21,075	165,661
CheU Pure Water Usage (gallons) *	4,619	13,609	139,829
Electricity Metered (Kwh) used *	1,994,809	8,719,774	90,735,448