

# Bureau of Land Management

## Amarillo Field Office Helium Operations



### Statistical Report for October - 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  
-Division Of Helium Operations, -  
Engineering and Technical Support

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Amarillo, Texas

Issued: December 19, 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: 12/19/2007

Table 1 - Summary of Helium Operations

October - 2007

**Helium Enrichment Unit Operations**

Gas Processed	Month			Gross Cumulative	Net Cumulative
	Gross Volume	Net Helium	Average Percent		
Plant Feed	711,555	199,072	27.98%	30,670,777	7,795,504
Helium Product	243,605	192,874	79.17%	9,779,540	7,690,659
Residue Natural Gas	296,934	0	00.00%	13,382,909	1,188

**Natural Gas & Liquids Produced**

Gas Processed	Month	FYTD
Natural Gas Sales (Mcf***)	319,250	319,250
NGL Sales (gallons)	80,496	80,496

\*\*\* 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Total Withdrawn	685,059	193,469	28.24%	165,478,401	27,548,955
Crude Injection	2,976	2,356	79.18%	65,574,323	47,325,836
Crude Production	0	0	00.00%	811,504	589,066

**Storage Operations**

Conservation Helium	Month	FYTD	CYTD	Cumulative
Open Market Sale Volumes (Mcf*)	50,000	50,000	1,525,000	7,300,600
Conservation Helium in Storage (EOM)	20,848,125			

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

**In Kind Helium**

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred	0	0	143,017	1,996,002
Sale Volumes Outstanding	51,790			

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	68,364	46,236	67.63%	46,236
Crude Disposed	316,089	241,355	76.36%	241,355
Net Balance	(247,725)	(195,119)		(195,119)
Balance of Stored Helium End Of Month		1,176,700		

Volumes in Mcf at 14.65 psia & 60°F

**Revenue / Charges**

Helium Storage Contracts (Charges Billed (\$))	Month	FYTD
Storage Fees Billed (\$)	\$1,825	\$1,825
Reservoir Management Fees Billed (\$)	\$259,342	\$259,342

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

	Month	FYTD
Funded by Cliffside Refiners, LP (provides for booster compression services)	(\$63,130)	(\$63,130)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$18,656	\$18,656
Net-Total (Funded by the four Refiners to the Cliffside Refiners, LP for the compression costs.)	(\$44,474)	(\$44,474)

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

	Month	FYTD
Reservoir Management Fees (RMF)	\$259,342	\$259,342
Total operating costs	(\$889,898)	(\$889,898)
Sub Total - Items provided by BLM	\$379,085	\$379,085
Total - Cliffside Refiners, LP, GDA030001	(\$510,813)	(\$510,813)

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

	Month	FYTD
Open Market Sales	\$1,331,000	\$1,331,000
In Kind Sales	\$0	\$0
Natural Gas & Liquid Sales	\$2,106,681	\$2,106,681

**Helium Resources Evaluation**

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$631,278	\$631,278
Helium Sample Collection Report for month	Submitted - 16	Received - 4
		Analyzed - 15

\*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

October - 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>685,059</b>	<b>165,478,401</b>	<b>193,469</b>	<b>27,548,955</b>	<b>172,625</b>	<b>40,557,848</b>	<b>283,092</b>	<b>87,347,518</b>	<b>30,176</b>	<b>8,655,510</b>	<b>5,697</b>	<b>1,368,570</b>
BIVINS A-3	Oct-07	43,459	9,739,672	25,518	2,879,581	10,967	2,466,388	6,098	3,943,211	598	384,774	278	65,718
BIVINS A-6	Oct-07	0	7,903,656	0	4,511,008	0	1,968,883	0	1,273,149	0	122,820	0	27,795
BIVINS A-13	Oct-07	54,409	3,796,972	29,103	2,425,422	13,622	1,008,358	10,206	316,456	1,089	32,284	390	14,452
BIVINS A-14	Oct-07	60,488	4,164,426	38,100	2,887,463	15,061	1,073,990	6,242	172,644	646	17,059	438	13,270
BIVINS A-4	Oct-07	41,818	9,876,962	16,079	1,583,633	10,242	2,389,168	13,666	5,296,911	1,482	521,418	348	85,833
BUSH A-2	Oct-07	45,643	9,101,179	15,796	1,251,222	11,637	2,205,705	16,087	5,061,020	1,795	502,033	328	81,199
Injection	Oct-07	2,976	65,574,323	2,356	47,325,836	541	16,938,996	57	762,990	(0)	16	21	546,486
inj Bivins A-3	Oct-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	Oct-07	(2,976)	(23,534,902)	(2,356)	(16,993,777)	(541)	(6,308,751)	(57)	(125,526)	0	(7)	(21)	(106,840)
inj Bivins A-13	Oct-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	Oct-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	Oct-07	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Oct-07	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Oct-07	0	811,504	0	589,066	0	179,218	0	35,091	0	2,631	0	5,499
BIVINS A-1	Oct-07	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Oct-07	18,588	12,014,727	1,844	1,774,994	4,520	2,959,150	10,919	6,538,290	1,144	644,718	162	97,576
BIVINS A-5	Oct-07	32,545	12,953,860	8,954	1,345,277	8,294	3,147,069	13,553	7,595,337	1,495	751,153	249	115,024
BIVINS A-7	Oct-07	30,975	9,172,249	10,826	1,920,127	8,069	2,287,983	10,667	4,452,556	1,207	443,414	207	68,169
BIVINS A-9	Oct-07	40,288	7,911,947	802	146,305	10,396	1,915,903	26,020	5,251,251	2,748	523,458	322	75,031
BIVINS A-11	Oct-07	34,075	4,014,388	748	75,699	8,602	980,878	22,078	2,651,802	2,328	267,532	319	38,477
BIVINS A-15	Oct-07	24,802	6,945,664	605	375,757	5,885	1,659,997	16,345	4,404,831	1,689	436,941	278	68,138
BIVINS B-1	Oct-07	40,254	4,987,951	1,692	203,937	9,867	1,202,855	25,666	3,209,417	2,603	323,246	426	48,496
BIVINS B-2	Oct-07	34,085	3,741,821	651	69,864	8,756	922,123	21,856	2,454,772	2,308	248,994	515	46,067
BUSH A-1	Oct-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	Oct-07	37,150	8,802,596	19,080	1,439,225	9,589	2,148,077	7,321	4,674,288	851	462,531	309	78,475
BUSH A-4	Oct-07	24,652	6,286,831	6,086	1,139,852	6,335	1,558,460	10,890	3,219,550	1,189	320,969	153	47,999
BUSH A-5	Oct-07	48,031	12,366,772	14,912	2,512,156	12,259	3,086,360	18,543	6,074,783	2,039	603,087	278	90,385
BUSH A-8	Oct-07	18,593	2,712,893	343	49,576	4,580	648,218	12,141	1,805,569	1,266	179,515	262	30,016
BUSH A-9	Oct-07	0	3,365,833	0	78,959	0	804,325	0	2,230,711	0	220,114	0	31,724
BUSH A-11	Oct-07	21,736	2,973,814	787	83,295	5,224	709,753	14,014	1,952,177	1,447	196,266	265	32,324
BUSH B-1	Oct-07	1	3,098,017	0	58,181	0	734,856	1	2,071,425	0	203,055	0	30,500
FUQUA A-1	Oct-07	0	2,954,071	0	53,853	0	702,791	0	1,975,156	0	193,571	0	28,699
FUQUA A-2	Oct-07	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Oct-07	33,467	8,051,411	1,543	528,132	8,719	1,951,562	20,780	5,005,056	2,253	498,000	171	68,661
TT Fuel	Oct-07	0	0	0	0	0	0	0	0	0	0	0	0
field-wide pcts				28.24%	16.65%	25.20%	24.51%	41.32%	52.78%	4.40%	5.23%	0.83%	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	Oct-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		6.332	1.854
Injected to Date 2007		(0.038)	(0.030)
Amount of Raw Gas Available to CHEU		148.028	====> 24.471 total helium in reservoir
Estimated Bottom Hole Pressure		542.147	est z-factor 0.975

### Table 3 - Gas Volumes & Inventory

October - 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	Oct-07	711,555	30,670,777	199,072	7,795,504	179,096	7,704,545	296,015	13,472,635	31,489	1,439,135	5,883	258,957
Calculated Feed	Oct-07	685,059	30,724,549	193,469	7,847,803	172,625	7,721,183	283,092	13,458,013	30,176	1,437,426	5,697	260,124
Feed to Box	Oct-07	681,113	30,548,168	193,469	7,847,803	172,625	7,721,183	283,092	13,458,013	30,176	1,437,426	1,750	83,743
Cheu Product	Oct-07	243,605	9,779,540	192,874	7,690,659	44,327	1,829,040	4,679	191,931	(2)	378	1,726	67,532
Residue	Oct-07	296,934	13,382,909	0	1,188	7,896	333,210	261,770	11,855,124	27,268	1,192,178	0	1,209
Cold Box Vent	Oct-07	111,434	5,625,098	91	79,995	104,099	4,737,177	7,226	748,317	(0)	137	18	59,471
Flare/Boot Strap	Oct-07	0	631,423	0	32,504	0	259,478	0	253,892	0	80,413	0	5,136
Fuel From Cheu	Oct-07	11,271	389,974	6	233	365	11,628	9,186	315,538	1,714	62,575	0	0
Shrinkage/Loss	Oct-07	1,195	97,605	0	0	0	0	0	0	1,195	97,605	0	0
Unaccounted*	Oct-07	16,674	685,435	499	41,062	15,937	569,011	232	72,938	0	1,082	6	1,343

\*Before October 2004, the values are estimated

#### Storage Operations

##### Inventory (contained helium)

	Government	Private
Beginning inventory	20,898,604	1,321,819
net acceptances + redeliveries	0	0
In Kind Transfers	0	0
Open Market Sales	(50,000)	50,000
Gain/loss	(479)	
Ending Inventory	20,848,125	1,176,700
Total Helium in Reservoir	24,471,309	
Total Helium in Storage	22,024,825	
Helium in native gas	2,446,484	

##### Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	42,155	31,853	75.56%
Measured to Pipeline (Private Plants)	68,455	46,279	67.60%
Measured from Pipeline (Private Plant)	316,180	241,355	76.33%
HEU Production	243,605	192,874	79.17%
Injection	2,976	2,356	79.18%
Production	0	0	0.00%
Ending Inventory	35,060	26,816	76.48%
Gain/Loss	1	(479)	

#### 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

October - 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>	0	0	0	0	0	0	0	0	\$0	
<b>Total CYTD</b>	79,949	7,731	17	13,051	17,878	27,136	145,762	143,508	\$8,423,580	
<b>Cumulative</b>	1,208,492	49,022	216	245,445	290,436	286,375	2,079,987	2,047,717	\$106,623,789	
<b>In Kind Transfers</b>							Month	FYTD	CYTD	Cumulative
Transferred							0	0	143,017	1,996,002
Volume outstanding							51,790			

\* 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

October - 2007

Helium & 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	180,000	180,000	0	\$0	
Cumulative	2,665,400		2,485,400	\$138,429,750	
<b><u>BOC Global Helium, Inc.</u></b>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	2,749,000		2,749,000	\$151,312,500	
<b><u>Keyes Helium Co., LLC</u></b>					
Month	46,000	(22,000)	22,000	\$1,331,000	
FYTD	46,000	24,000	22,000	\$1,331,000	
Cumulative	352,200		328,200	\$18,318,650	
<b><u>Matheson Tri-Gas, Inc.</u></b>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	10,000		10,000	\$587,500	
<b><u>Praxair, Inc.</u></b>					
Month	170,000	0	0	\$0	
FYTD	170,000	170,000	0	\$0	
Cumulative	1,670,000		1,500,000	\$85,045,000	
<b><u>Linde Gas North America, LLC</u></b>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	200,000		200,000	\$11,035,000	
<b>Total month</b>	396,000	(22,000)	22,000	<b>\$1,331,000</b>	
<b>Total FYTD</b>	396,000	374,000	22,000	<b>\$1,331,000</b>	
<b>Total CYTD</b>	1,921,000		1,547,000	<b>\$90,924,750</b>	
<b>Cumulative</b>	7,696,600		7,322,600	<b>\$407,353,400</b>	
<b>Open Market Transfers</b>					
Transferred		Month	FYTD	CYTD	Cumulative
Volume outstanding		50,000	50,000	1,525,000	7,300,600
		22,000			

\* Volumes in Mcf at 14.65 psia & 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	297,404		327,360	(\$0.0855)	(\$27,997)
FYTD	297,404		327,360	(\$0.0855)	(\$27,997)
Cumulative	12,973,651		14,261,597	(\$0.1071)	(\$1,527,120)
<b><u>Minerals Management Service</u></b>					
Provides natural gas marketing services under a Cooperative Agreement					
Month					\$0
FYTD				\$0.0000	\$0
Cumulative				(\$0.0109)	(\$141,874)
<b><u>OGE Energy</u></b>					
Month	319,250	0	322,374	\$6.277305	\$2,008,101
FYTD	319,250	0	322,374	\$6.277305	\$2,008,101
Cumulative	13,231,887	0	14,225,822	\$6.098119	\$86,061,385
<b><u>SemCrude</u></b>					
Month	0	80,496	8,677	\$14.587614	\$126,577
FYTD	0	80,496	8,677	\$14.587614	\$126,577
Cumulative	0	3,214,295	341,824	\$10.420641	\$3,562,025
<b>Total month</b>	319,250	80,496	331,051	\$6.410552	<b>\$2,106,681</b>
<b>Total FYTD</b>	319,250	80,496	331,051	\$6.410552	<b>\$2,106,681</b>
<b>Total CYTD</b>	2,825,367	638,493	2,922,161	\$6.244554	<b>\$18,045,208</b>
<b>Cumulative</b>	13,231,887	3,214,295	14,567,646	\$6.084977	<b>\$87,954,416</b>

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

\*\*Rounded to nearest dollar

# Table 6 - Helium Resources Evaluation

October - 2007

All Volumes in Mcf at 14.7 psia & 70°F

<b>Revenue Collected From Federal Leaseholds</b>	Month*	FYTD*
Fee Sales & Royalties	\$614,847	\$614,847
Natural Gas Royalties (1)	\$1,926	\$1,926
Natural Gas Rentals	\$0	\$0
Other	\$14,505	\$14,505
Revenue Collected from Federal Lease Holds	\$631,278	\$631,278

\*Totals do not sum

<b>Helium Analysis and Evaluation</b>	Month	FYTD
Number of Sample Request Letters Sent	16	16
Number of Samples Received	4	4
Number of Samples Analyzed	5	5
Total Number of Samples Analyzed For Resources Division	5	5
Total Number of Other Samples Analyzed (2)	15	15

## 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		4,944,544
2007 Helium Sold *	4,750,000	*	4,695,000
Estimated Helium Resources (as of 01/01/2003)			305,000,000

\* Indicates Production Data is Projected

	FY-2006	CY-2006
<b>U.S. Helium Exports</b> (3)	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

October - 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	68,364	67.6%	46,236	46,236	463,109	27,756,897	103,653	36,307,903			
Crude Disposed	316,089	76.4%	241,355	241,355	2,283,143	33,755,668	53,653	27,653,714			
Grade-A Rdlvrd	0		0	0	0	1,478,718					
Net/Balance	(247,725)		(195,119)	(195,119)	(1,820,034)	(7,477,489)	50,000	8,654,189	1,176,700	\$261,167	\$261,167
<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>ExxonMobil Gas Marketing Co., Contract no. 1995-3280</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Pioneer Natural Resources USA, Inc, 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 North America, 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	20,898,604
Crude Disposed: In Kind Sales transferred for the month	0
Open Market/Reserve Sell Down transferred for the month	(50,000)
Gains and Losses for the month	(479)
Net/Balance of Purchased Helium Remaining for Sale	20,848,125

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

\*\*Rounded to nearest dollar

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

**Field/CHEU Compressor Operations**

		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$6.28	\$6.28	\$5.94
Fuel used *	total MMBTU	13,637	13,637	643,154
Field compressor fuel revenue *	\$dollars	\$0	\$0	\$584,889
HEU compressor fuel credit *	\$dollars	\$51,529	\$51,529	\$1,908,900
HEU fuel credit *	\$dollars	\$34,112	\$34,112	\$1,324,827
#1 Compressor run time *	hours	698	698	39,090
#2 Compressor run time *	hours	713	713	26,496
#3 Compressor run time *	hours	78	78	17,007

\* Field/CHEU Compressor Operations based on Oct 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)	(\$63,130)	(\$63,130)	(\$5,622,307)
Cliffside Refiners, LP, GDA010002 (BLM provided fuel *, labor, supplies, etc.)	\$18,656	\$18,656	\$1,375,692
Net Total - Cliffside Refiners, LP	(\$44,474)	(\$44,474)	(\$4,246,615)

\* BLM provided fuel cost is based on Aug 07 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%	744	100.0%	36,977
Producing residue gas	744	100.0%	744	100.0%	36,927
Producing helium product	744	100.0%	744	100.0%	34,100
Producing natural gas liquids	744	100.0%	744	100.0%	32,604

**CHEU Charges**

	Charges Billed (\$)*		
	Month	FYTD	Cummulative
Reservoir Management Fees (RMF)	\$259,342	\$259,342	\$9,157,277
Total operating costs	(\$889,898)	(\$889,898)	(\$45,916,422)
Labor	\$76,263	\$76,263	\$3,082,943
Compressor fuel cost Aug 07	\$41,750	\$41,750	\$1,869,361
HEU fuel cost Aug 07	\$26,042	\$26,042	\$1,310,921
Electrical power cost Aug 07	\$125,419	\$125,419	\$6,465,920
Other	\$109,611	\$109,611	\$4,395,137
Sub Total - Items provided by BLM	\$379,085	\$379,085	\$20,333,637
Total - Cliffside Refiners, LP, GDA030001	(\$510,813)	(\$510,813)	(\$25,582,785)

*\*Rounded to nearest dollar*

**CHEU Utility Usage**

	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Oct 07	4,489	4,489	202,798
Cheu Pure Water Usage (gallons) Oct 07	2,418	2,418	166,591
Electricity Metered (Kwh) consumed Aug 07	2,161,211	2,161,211	110,776,889