

Bureau of Land Management

Amarillo Field Office Helium Operations



Statistical Report for December - 2008



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)
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-Federal Leased Lands
-Resources Evaluation & Gas Analysis
-Division Of Helium Operations, -
Engineering and Technical Support

List of Tables

Table 1 - Summary of Helium Operations
Table 2 - Bush Dome Reservoir Operations
Table 3 - Gas Volumes & Inventory
Table 4 - In Kind Helium Sales
Table 5 - Open Market/Reserve Sell-down
Table 5 - Natural Gas/Liquid Sales
Table 6 - Helium Resources Evaluation
Table 7 - Helium Storage Contract Activity
Table 8 - Compression & CHEU (Charges & Operations)

Amarillo, Texas

Issued: June 15, 2009

"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: 06/15/2009

Table 1 - Summary of Helium Operations

December - 2008

Helium Enrichment Unit Operations

Gas Processed	Month			Gross Cumulative	Net Cumulative
	Gross Volume	Net Helium	Average Percent		
Plant Feed	562,559	132,703	23.59%	39,557,621	10,113,867
Helium Product	170,066	131,534	77.34%	12,665,944	9,956,960
Residue Natural Gas	256,069	0	00.00%	17,212,757	1,197

Natural Gas & Liquids Produced

Gas Processed	Month	FYTD
Natural Gas Sales (Mcf***)	280,580	907,238
NGL Sales (gallons)	87,620	244,918

*** 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Total Withdrawn	565,285	136,734	24.19%	174,312,050	29,930,729
Crude Injection	41,640	32,194	77.32%	65,869,833	47,557,596
Crude Production	5,661	4,317	76.25%	939,789	686,987

Storage Operations

Conservation Helium	Month	FYTD	CYTD	Cumulative
Open Market Sale Volumes (Mcf*)	13,000	264,000	1,581,000	8,964,600
Conservation Helium in Storage (EOM)	18,901,718			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred	40,829	46,298	204,442	2,252,234
Sale Volumes Outstanding	43,740			

Volumes in Mcf at 14.65 psia & 60°F

Private Company Helium Storage Contracts

Contact Activity	Month			Annual
	Gross Volume	Net Helium	Average Percent	Helium FYTD
Crude Acquired	81,833	55,219	67.48%	207,351
Crude Disposed	210,015	155,578	74.08%	635,356
Net Balance	(128,182)	(100,359)		(428,005)
Balance of Stored Helium End Of Month		994,198		

Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))	Month	FYTD
Storage Fees Billed (\$)	\$407,489	\$830,523
Reservoir Management Fees Billed (\$)	\$132,748	\$575,849

Field Compressor Charges (Charges Billed (\$))

	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$58,303)	(\$182,035)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$13,917	\$48,877
Net-Total (Funded by the Refiners for compression costs.)	(\$44,386)	(\$133,158)

Enrichment Unit Charges (Charges Billed (\$))

	Month	FYTD
Reservoir Management Fees (RMF)	\$132,748	\$575,849
Total operating costs	(\$939,800)	(\$2,904,339)
Sub Total - Items provided by BLM	\$464,275	\$1,477,762
Total - Cliffside Refiners, LP, GDA030001	(\$475,526)	(\$1,426,577)

Conservation Helium - Natural Gas - Liquid Sales

	Month	FYTD
Open Market Sales	\$19,484,250	\$21,102,750
In Kind Sales	\$2,646,071	\$2,646,071
Natural Gas & Liquid Sales	\$1,484,391	\$3,817,106

Helium Resources Evaluation

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$716,976	\$1,786,226
Helium Sample Collection Report for month	Submitted - 3	Received - 5
		Analyzed - 38

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

December - 2008

		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		565,285	174,312,050	136,734	29,930,729	142,264	42,777,549	254,457	91,104,939	27,050	9,056,515	4,780	1,442,318
BIVINS A-3	Dec-08	27,575	10,080,461	16,126	3,079,706	6,914	2,551,997	3,960	3,991,299	396	389,540	179	67,919
BIVINS A-6	Dec-08	5,661	8,013,728	4,317	4,597,495	1,195	1,989,586	111	1,275,244	(0)	122,828	38	28,576
BIVINS A-13	Dec-08	37,658	4,503,965	19,419	2,795,894	9,427	1,185,277	7,702	455,884	838	47,351	271	19,559
BIVINS A-14	Dec-08	36,033	4,973,905	21,752	3,384,723	9,007	1,275,995	4,532	267,071	474	26,900	267	19,216
BIVINS A-4	Dec-08	33,320	10,405,744	10,640	1,768,288	8,161	2,518,707	12,842	5,486,447	1,387	541,940	291	90,363
BUSH A-2	Dec-08	31,279	9,617,539	8,323	1,408,944	7,933	2,336,997	13,334	5,262,358	1,464	524,325	225	84,914
Injection	Dec-08	41,640	65,869,833	32,194	47,557,596	8,334	16,995,003	823	768,646	1	19	288	548,569
inj Bivins A-3	Dec-08	0	(25,652,212)	0	(18,384,374)	0	(6,554,527)	0	(332,774)	0	0	0	(380,537)
inj Bivins A-6	Dec-08	(41,640)	(23,830,411)	(32,194)	(17,225,537)	(8,334)	(6,364,759)	(823)	(131,182)	(1)	(10)	(288)	(108,924)
inj Bivins A-13	Dec-08	0	(6,490,417)	0	(4,706,191)	0	(1,656,853)	0	(122,391)	0	(2)	0	(4,980)
inj Bivins A-14	Dec-08	0	(6,501,333)	0	(4,767,421)	0	(1,602,106)	0	(126,303)	0	(7)	0	(5,497)
inj Bivins A-4	Dec-08	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Dec-08	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Dec-08	5,661	939,789	4,317	686,987	1,195	204,427	111	39,123	0	2,838	38	6,413
BIVINS A-1	Dec-08	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Dec-08	5,155	12,144,696	397	1,786,239	1,243	2,990,590	3,140	6,616,264	328	652,874	46	98,729
BIVINS A-5	Dec-08	26,208	13,380,700	6,991	1,461,122	6,669	3,255,761	11,124	7,774,584	1,220	770,930	202	118,304
BIVINS A-7	Dec-08	25,419	9,564,438	8,742	2,055,126	6,621	2,390,034	8,883	4,589,562	1,003	458,902	170	70,815
BIVINS A-9	Dec-08	34,876	8,452,769	711	157,202	9,002	2,055,467	22,528	5,600,551	2,359	560,225	275	79,325
BIVINS A-11	Dec-08	26,867	4,412,277	609	84,456	6,887	1,082,879	17,310	2,908,269	1,821	294,638	240	42,036
BIVINS A-15	Dec-08	27,191	7,304,180	574	383,884	6,448	1,745,028	18,033	4,641,878	1,829	461,219	307	72,171
BIVINS B-1	Dec-08	36,961	5,535,286	1,463	226,145	9,045	1,336,847	23,625	3,558,757	2,462	359,643	366	53,893
BIVINS B-2	Dec-08	35,980	4,244,084	687	79,466	9,232	1,051,049	23,099	2,777,032	2,412	282,831	550	53,705
BUSH A-1	Dec-08	0	5,721,962	0	104,140	0	1,356,677	0	3,830,281	0	374,216	0	56,647
BUSH A-3	Dec-08	31,187	9,295,140	15,650	1,689,341	8,023	2,274,983	6,505	4,774,152	750	474,103	259	82,561
BUSH A-4	Dec-08	24,709	6,617,312	5,782	1,219,046	6,337	1,643,285	11,216	3,367,800	1,220	337,140	153	50,040
BUSH A-5	Dec-08	33,649	12,973,247	11,250	2,706,102	8,587	3,241,152	12,251	6,303,671	1,362	628,402	199	93,920
BUSH A-8	Dec-08	15,867	2,946,840	293	53,893	3,918	705,922	10,362	1,958,334	1,068	195,359	227	33,331
BUSH A-9	Dec-08	18,192	3,529,200	1,090	86,589	4,701	846,091	11,113	2,332,869	1,194	231,089	95	32,562
BUSH A-11	Dec-08	20,326	3,265,598	718	93,731	4,881	779,842	13,123	2,140,413	1,355	215,709	250	35,903
BUSH B-1	Dec-08	5,322	3,107,637	99	58,360	1,293	737,196	3,519	2,077,784	369	203,721	42	30,576
FUQUA A-1	Dec-08	0	2,954,071	0	53,853	0	702,791	0	1,975,156	0	193,571	0	28,699
FUQUA A-2	Dec-08	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Dec-08	25,850	8,448,546	1,100	545,684	6,740	2,055,079	16,144	5,252,405	1,738	524,718	128	70,659
TT Fuel	Dec-08	663	0	16	0	161	0	435	0	45	0	5	0
field-wide pct's				24.19%	17.17%	25.17%	24.54%	45.01%	52.27%	4.79%	5.20%	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 Dec-08 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 - 08	40.061	11.109
Injection 2003 - 08	(0.790)	(0.614)
Produced to Date 2009	1.874	0.493
Injected to Date 2009	(0.071)	(0.055)
Amount of Raw Gas Available to CHEU	139.490	=====> 22.321 total helium in reservoir
Estimated Bottom Hole Pressure	510.896	est z-factor 0.975

Table 3 - Gas Volumes & Inventory

December - 2008

Crude Helium Enrichment Unit Operations

		Gross Withdrawal		Net Helium Withdrawal		Nitrogen		Methane		Ethane plus		Other (CO ₂ , Ar, H ₂)	
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
Measured Feed	Dec-08	562,559	39,557,621	132,703	10,113,867	141,767	9,945,495	256,412	17,316,937	26,907	1,847,636	4,769	333,685
Calculated Feed	Dec-08	558,961	39,423,882	132,401	10,131,373	140,907	9,914,203	253,911	17,207,579	27,005	1,837,825	4,736	332,902
Feed to Box	Dec-08	555,420	39,195,784	132,401	10,131,552	140,907	9,914,285	253,911	17,207,625	27,005	1,837,832	1,195	104,490
Cheu Product	Dec-08	170,066	12,665,944	131,534	9,956,960	33,970	2,373,228	3,384	247,520	2	299	1,175	87,936
Residue	Dec-08	256,069	17,212,757	0	1,197	5,638	424,442	228,154	15,254,548	22,277	1,531,360	0	1,211
Cold Box Vent	Dec-08	93,534	7,024,055	102	81,448	85,317	6,031,166	8,108	851,611	(0)	137	7	59,694
Flare/Boot Strap	Dec-08	0	723,164	0	38,162	0	292,735	0	301,340	0	85,756	0	5,170
Fuel From Cheu	Dec-08	9,198	538,000	0	245	228	15,719	7,505	436,267	1,465	85,769	0	0
Shrinkage/Loss	Dec-08	2,900	129,920	0	0	0	0	0	0	2,900	129,920	0	0
Unaccounted*	Dec-08	18,219	940,324	557	51,083	14,382	794,064	3,267	92,650	0	1,082	11	1,445

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	18,961,246	1,040,728
net acceptances + redeliveries	0	0
	0	(100,359)
In Kind Transfers	(40,829)	40,829
Open Market Sales	(13,000)	13,000
Gain/loss	(5,698)	
Ending Inventory	18,901,718	994,198
Total Helium in Reservoir	22,321,288	
Total Helium in Storage	19,895,916	
Helium in native gas	2,425,372	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	44,266	33,545	75.78%
Measured to Pipeline (Private Plants)	82,566	55,542	67.27%
Measured from Pipeline (Private Plant:	210,748	155,603	73.83%
HEU Production	170,066	131,534	77.34%
Injection	41,640	32,194	77.32%
Production	5,661	4,317	76.25%
Ending Inventory	42,502	31,443	73.98%
Gain/Loss	(7,669)	(5,698)	

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

Table 4 - In Kind Helium Sales

December - 2008

	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										
BOC/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	26,076	1,530	0	4,014	4,727	8,079	44,427	43,740	\$2,646,071	
Total FYTD	26,076	1,530	0	4,014	4,727	8,079	44,427	43,740	\$2,646,071	
Total CYTD	118,917	9,928	3	12,245	16,723	36,897	194,714	191,702	\$11,603,918	
Cumulative	1,366,422	62,826	222	261,176	311,525	329,898	2,332,069	2,295,899	\$121,545,907	
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							40,829	46,298	204,442	2,252,234
Volume outstanding							43,740			

* 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

December - 2008

Helium & Natural Gas Sales

	Award Volume*	Outstanding*	Sales*	Charges Billed (\$) ** (billed quarterly)	
Conservation Helium					
<u>Air Liquide Helium America, Inc.</u>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	77,000		77,000	\$4,258,500	
<u>Air Products, L.P.</u>					
Month	0	(100,000)	100,000	\$6,225,000	
FYTD	100,000	0	100,000	\$6,225,000	
Cumulative	3,209,400		3,209,400	\$182,406,750	
<u>BOC/Linde Gas North America LLC</u>					
Month	0	(100,000)	100,000	\$6,225,000	
FYTD	100,000	0	100,000	\$6,225,000	
Cumulative	3,129,000		3,129,000	\$174,477,500	
<u>Keyes Helium Co., LLC</u>					
Month	0	(13,000)	13,000	\$809,250	
FYTD	39,000	0	39,000	\$2,427,750	
Cumulative	512,200		512,200	\$29,518,900	
<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	(100,000)	100,000	\$6,225,000	
FYTD	100,000	0	100,000	\$6,225,000	
Cumulative	2,140,000		2,140,000	\$123,940,000	
<u>Linde Gas North America, LLC</u>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	200,000		200,000	\$11,035,000	
Total month	0	(313,000)	313,000	\$19,484,250	
Total FYTD	339,000	0	339,000	\$21,102,750	
Total CYTD	1,581,000		1,714,000	\$104,290,250	
Cumulative	9,277,600		9,277,600	\$526,224,150	
Open Market Transfers					
Transferred		Month	FYTD	CYTD	Cumulative
Volume outstanding		13,000	264,000	1,581,000	8,964,600
		313,000			

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas/Liquid Sales

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	\$/unit	Charges Billed (\$) ** (billed monthly)
<u>EI Paso Natural Gas</u>					
Provides Firm/Interruptible natural gas transportation services					
Month	255,233		280,580	(\$0.0998)	(\$27,997)
FYTD	795,700		907,238	(\$0.0923)	(\$83,783)
Cumulative	16,774,320		18,468,188	(\$0.1041)	(\$1,921,733)
<u>Minerals Management Service</u>					
Provides natural gas marketing services under a Cooperative Agreement					
Month					\$0
FYTD				\$0.0000	\$0
Cumulative				(\$0.0089)	(\$149,205)
<u>OGE Energy/Tenaska</u>					
<Chk Minerals Management Service data>					
Month	280,580	0	313,400	\$4.654284	\$1,458,653
FYTD	907,238	0	943,900	\$3.915954	\$3,696,269
Cumulative	17,210,744	0	18,362,671	\$6.270460	\$114,321,495
<u>SemCrude</u>					
Month	0	87,620	9,408	\$5.711621	\$53,735
FYTD	0	244,918	26,420	\$7.744899	\$204,620
Cumulative	0	4,336,205	462,232	\$11.809438	\$5,458,700
Total month	280,580	87,620	322,808	\$4.598370	\$1,484,391
Total FYTD	907,238	244,918	970,320	\$3.933863	\$3,817,106
Total CYTD	3,344,357	948,134	3,597,876	\$7.180307	\$25,746,941
Cumulative	17,210,744	4,336,205	18,824,903	\$6.296455	\$117,709,258

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

December - 2008

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$698,861	\$1,749,477
Natural Gas Royalties (1)	\$1,454	\$5,173
Natural Gas Rentals	\$0	\$0
Other	\$16,661	\$31,576
Revenue Collected from Federal Lease Holds	\$716,976	\$1,786,226

*Totals do not sum

Helium Analysis and Evaluation	Month	FYTD
Number of Sample Request Letters Sent	3	42
Number of Samples Received	5	17
Number of Samples Analyzed	4	14
Total Number of Samples Analyzed For Resources Division	4	14
Total Number of Other Samples Analyzed (2)	38	209

U. S. Helium Production

<i>Domestic</i>	FY Volume		CY Volume
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	4,941,200		4,965,176
2008 Helium Sold	4,767,400	*	4,730,277
Estimated Helium Resources as of 12/31/2006(Mcf)			732,000,000

	FY-2008	CY-2007
U.S. Helium Exports (3)	2,396,984	2,316,333

(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

December - 2008

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	
	Month		FYTD	CYTD	Cumulative						
Total All Contracts*											
Crude Acquired	81,833	67.5%	55,219	207,351	768,154	28,624,274	91,355	38,844,987			
Crude Disposed	210,015	74.1%	155,578	635,356	2,539,276	36,725,779	37,526	28,270,566	\$407,489	Storage Fees	
Grade-A Rdlvrd	0		0	0	0	1,478,718			\$132,748	RMF Fees	
Net/Balance	(128,182)		(100,359)	(428,005)	(1,771,122)	(9,580,223)	53,829	10,574,421	994,198	\$540,237	\$1,406,372
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			
BOC/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											
Linde Gas North America, LLC, Contract no. 2001-3282											
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											

Government Helium	
Remaining Crude Acquired beginning of the month	18,961,246
Crude Disposed: In Kind Sales transferred for the month	(40,829)
Open Market/Reserve Sell Down transferred for the month	(13,000)
Gains and Losses for the month	(5,698)
Net/Balance of Purchased Helium Remaining for Sale	18,901,718

*Includes In Kind and Open Market transfers from Government storage

**Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations) December - 2008

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$4.65	\$3.91	\$6.18
Fuel used *	total MMBTU	11,323	35,183	821,158
Field compressor fuel revenue *	\$dollars	\$1,157	\$1,656	\$620,113
HEU compressor fuel credit *	\$dollars	\$34,768	\$91,333	\$2,628,904
HEU fuel credit *	\$dollars	\$16,727	\$44,602	\$1,822,523
#1 Compressor run time *	hours	737	2,191	49,189
#2 Compressor run time *	hours	461	1,412	31,276
#3 Compressor run time *	hours	204	712	21,934

* Field/CHEU Compressor Operations based on Dec 08 activity

Field Compressor Charges	Charges Billed (\$)*		
BOC/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)	(\$58,303)	(\$182,035)	(\$6,482,761)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$13,917	\$48,877	\$1,613,776
Net Total - Cliffside Refiners, LP	(\$44,386)	(\$133,158)	(\$4,868,985)

* BLM provided fuel cost is based on Oct 08 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	688	92.5%	2,151	97.4%	46,819
Producing residue gas	663	89.1%	2,120	96.0%	46,609
Producing helium product	662	89.0%	2,118	95.9%	43,750
Producing natural gas liquids	664	89.3%	2,125	96.2%	42,272

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$132,748	\$575,849	\$12,003,309
Total operating costs	(\$939,800)	(\$2,904,339)	(\$59,212,848)
Labor	\$115,406	\$346,218	\$4,268,054
Compressor fuel cost Oct 08	\$24,153	\$111,688	\$2,612,382
HEU fuel cost Oct 08	\$11,637	\$49,882	\$1,834,385
Electrical power cost Oct 08	\$176,771	\$561,051	\$8,650,586
Other	\$136,308	\$408,923	\$6,009,781
Sub Total - Items provided by BLM	\$464,275	\$1,477,762	\$26,584,543
Total - Cliffside Refiners, LP, GDA030001	(\$475,526)	(\$1,426,577)	(\$32,628,305)

*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Dec 08	3,132	9,844	262,209
Cheu Pure Water Usage (gallons) Dec 08	1,488	3,999	203,771
Electricity Metered (Kwh) consumed Oct 08	2,420,167	7,633,687	144,211,828