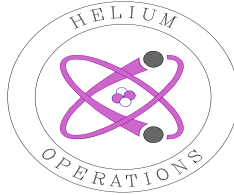


# Bureau of Land Management

## Amarillo Field Office Helium Operations



### Statistical Report for December - 2009



#### *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: September 10, 2010

**\* Revised \***

**"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: **09/10/2010**

## Table 1 - Summary of Helium Operations

December - 2009

### Helium Enrichment Unit Operations

#### Gas Processed

	Month				
	Gross Volume	Net Helium	Average Percent	Gross FYTD	Net FYTD
Measured Plant Feed (Mcf*)	593,594	147,044	24.77%	1,712,809	421,575
Helium Product (Mcf*)	187,862	146,507	77.99%	535,254	416,604
Residue Natural Gas (Mcf*)	268,084	0	00.00%	760,706	0

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

### Natural Gas & Liquids Produced

#### Gas Processed

	Month	FYTD
Natural Gas Sales (Mcf***)	266,718	758,423
NGL Sales (gallons)	102,634	253,065

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

### Bush Dome Reservoir Operations

#### Conservation gases from all sources

	Month				
	Gross Volume	Net Helium	Average Percent	Gross FYTD	Net FYTD
Total Withdrawn (Mcf*)	586,797	144,661	24.65%	1,718,068	437,812
Crude Injection (Mcf*)	33,050	25,774	77.98%	87,324	68,060
Crude Production (Mcf*)	0	0	00.00%	25,498	19,751

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

### Storage Operations

#### Conservation Helium

	Month	FYTD	CYTD	Cumulative
Open Market Sale Volumes (Mcf*)	0	300,000	899,000	9,863,600
Conservation Helium in Storage (EOM) (Mcf*)	17,765,420			

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

#### In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred (Mcf*)	151	43,897	172,945	2,425,179
Sale Volumes Outstanding (Mcf*)	44,120			

\* 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 (Mcf*)	80,104	54,232	67.70%	151,146
Crude Disposed (Mcf*)	220,476	163,827	74.31%	494,869
Net Balance (Mcf*)	(140,372)	(109,595)		(343,723)
Balance of Stored Helium End Of Month (Mcf*)		659,362		

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

### Revenue / Charges

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

	Month	FYTD
Storage Fees Billed (\$)	\$326,069	\$658,425
Reservoir Management Fees Billed (\$)	\$193,843	\$594,184

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

	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$58,492)	(\$173,866)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$14,223	\$41,059
Net-Total (Funded by the Refiners for compression costs.)	(\$44,269)	(\$132,807)

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

	Month	FYTD
Reservoir Management Fees (RMF)	\$193,843	\$594,184
Total operating costs	(\$813,229)	(\$2,352,041)
Sub Total - Items provided by BLM	\$325,559	\$889,030
Total - Cliffside Refiners, LP, GDA030001	(\$487,670)	(\$1,463,011)

### Conservation Helium - Natural Gas - Liquid Sales

(Charges Billed (\$))

	Month	FYTD
Open Market Sales	\$14,568,750	\$14,568,750
In Kind Sales	\$2,746,034	\$2,746,034
Natural Gas & Liquid Sales	\$1,598,012	\$3,743,129

### Helium Resources Evaluation

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$767,733	\$2,300,770
Helium Sample Collection Report for month	Submitted - 0	Received - 0
		Analyzed - 35

\*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

December - 2009

		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>586,797</b>	<b>180,643,135</b>	<b>144,661</b>	<b>31,487,464</b>	<b>147,472</b>	<b>44,361,383</b>	<b>261,709</b>	<b>93,937,679</b>	<b>27,976</b>	<b>9,360,250</b>	<b>4,979</b>	<b>1,496,359</b>
BIVINS A-3	Dec-09	0	10,086,632	0	3,083,333	0	2,553,540	0	3,992,174	0	389,627	0	67,958
BIVINS A-6	Dec-09	(2,486)	8,175,354	(1,930)	4,722,438	(489)	2,022,018	(50)	1,278,372	0	122,837	(17)	29,689
BIVINS A-13	Dec-09	59,565	5,023,347	29,390	3,056,842	14,871	1,314,952	13,392	568,496	1,481	59,751	430	23,306
BIVINS A-14	Dec-09	60,407	5,539,250	34,535	3,715,440	15,092	1,417,225	9,332	347,720	996	35,447	453	23,417
BIVINS A-4	Dec-09	40,299	10,790,385	11,542	1,884,414	9,874	2,612,966	16,718	5,640,642	1,803	558,605	362	93,757
BUSH A-2	Dec-09	40,302	9,963,337	9,267	1,491,981	10,190	2,424,564	18,524	5,417,993	2,034	541,421	286	87,378
Injection	Dec-09	33,050	66,119,108	25,774	47,751,070	6,409	17,044,342	639	773,398	1	20	228	550,278
inj Bivins A-3	Dec-09	0	(25,652,315)	0	(18,384,452)	0	(6,554,549)	0	(332,777)	0	0	0	(380,537)
inj Bivins A-6	Dec-09	(33,050)	(24,079,584)	(25,774)	(17,418,933)	(6,409)	(6,414,076)	(639)	(135,932)	(1)	(11)	(228)	(110,632)
inj Bivins A-13	Dec-09	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-09	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-09	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Dec-09	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Dec-09	0	1,109,480	0	817,347	0	238,704	0	42,934	0	2,910	0	7,584
BIVINS A-1	Dec-09	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Dec-09	26,350	12,312,653	1,755	1,797,021	6,288	3,030,748	16,359	6,720,826	1,709	663,802	240	100,256
BIVINS A-5	Dec-09	29,449	13,687,296	7,818	1,543,158	7,491	3,333,745	12,538	7,904,443	1,376	785,309	227	120,641
BIVINS A-7	Dec-09	31,000	9,867,186	10,318	2,157,769	8,054	2,468,885	11,162	4,696,676	1,258	471,016	208	72,841
BIVINS A-9	Dec-09	26,349	8,816,122	543	164,662	6,808	2,149,205	17,005	5,835,073	1,785	584,987	208	82,195
BIVINS A-11	Dec-09	26,350	4,737,265	606	92,010	6,761	1,166,111	16,972	3,117,426	1,787	316,763	224	44,956
BIVINS A-15	Dec-09	27,562	7,623,805	555	390,563	6,530	1,820,708	18,301	4,853,792	1,865	482,943	311	75,800
BIVINS B-1	Dec-09	26,351	5,902,021	999	240,315	6,439	1,426,503	16,891	3,793,512	1,757	384,139	266	57,551
BIVINS B-2	Dec-09	26,349	4,613,784	503	86,528	6,749	1,145,730	16,924	3,014,324	1,760	307,754	413	59,449
BUSH A-1	Dec-09	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-09	34,100	9,643,119	16,992	1,864,051	8,756	2,364,431	7,238	4,846,720	835	482,513	279	85,403
BUSH A-4	Dec-09	24,799	6,907,550	5,676	1,286,858	6,359	1,717,720	11,375	3,499,606	1,239	351,549	151	51,817
BUSH A-5	Dec-09	40,300	13,335,420	13,813	2,832,307	10,281	3,333,622	14,368	6,430,828	1,604	642,625	234	96,037
BUSH A-8	Dec-09	17,049	3,120,918	315	57,110	4,218	748,906	11,121	2,071,896	1,147	207,148	249	35,857
BUSH A-9	Dec-09	0	3,649,326	0	94,041	0	877,069	0	2,406,004	0	239,026	0	33,186
BUSH A-11	Dec-09	26,350	3,489,447	902	101,484	6,326	833,582	17,033	2,285,034	1,762	230,687	327	38,659
BUSH B-1	Dec-09	0	3,137,394	0	58,915	0	744,059	0	2,097,686	0	205,915	0	30,819
FUQUA A-1	Dec-09	0	2,954,071	0	53,853	0	702,791	0	1,975,156	0	193,571	0	28,699
FUQUA A-2	Dec-09	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Dec-09	26,350	8,726,766	1,061	556,929	6,874	2,127,309	16,506	5,426,126	1,779	544,258	129	72,144
TT Fuel	Dec-09	0	0	0	0	0	0	0	0	0	0	0	0
field-wide pct's				24.65%	17.43%	25.13%	24.56%	44.60%	52.00%	4.77%	5.18%	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-09      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	41.935	11.109
Injection 2003 - 08	(0.820)	(0.614)
Produced to Date 2009	6.878	2.192
Injected to Date 2009	(0.280)	(0.273)
Amount of Raw Gas Available to CHEU	132.851	====> 20.840 total helium in reservoir
Estimated Bottom Hole Pressure	489.091	est z-factor 0.980

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

# Table 3 - Gas Volumes & Inventory

December - 2009

## 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	Dec-09	593,594	46,313,511	147,044	11,683,084	149,059	11,645,714	264,269	20,416,262	28,155	2,176,936	5,067	391,516
Calculated Feed	Dec-09	589,283	46,119,905	146,591	11,694,609	147,961	11,598,767	261,759	20,269,949	27,976	2,166,245	4,996	390,335
Feed to Box	Dec-09	585,606	45,848,461	146,591	11,694,788	147,961	11,598,849	261,759	20,269,995	27,976	2,166,252	1,320	118,578
Cheu Product	Dec-09	187,862	14,669,655	146,507	11,510,678	36,429	2,771,114	3,625	285,911	5	316	1,296	101,635
Residue	Dec-09	268,084	20,341,823	0	1,287	6,744	501,257	238,254	18,031,417	23,085	1,806,634	0	1,228
Cold Box Vent	Dec-09	98,284	8,119,015	69	82,407	89,784	7,035,816	8,412	940,780	0	137	20	59,875
Flare/Boot Strap	Dec-09	0	807,377	0	42,077	0	322,252	0	347,177	0	90,678	0	5,193
Fuel From Cheu	Dec-09	11,539	643,280	0	245	392	18,589	9,337	521,952	1,809	102,494	0	0
Shrinkage/Loss	Dec-09	3,076	161,273	0	0	0	0	0	0	3,076	161,273	0	0
Unaccounted*	Dec-09	16,762	1,140,636	16	55,634	14,612	964,302	2,131	118,006	(0)	1,083	4	1,611

\*Before October 2004, the values are estimated

## Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	17,777,324	768,806
net acceptances +	0	0
redeliveries	0	(109,595)
In Kind Transfers	(151)	151
Open Market Sales	0	0
Gain/loss	(11,753)	
Ending Inventory	17,765,420	659,362
Total Helium in Reservoir	20,839,594	
Total Helium in Storage	18,424,782	
Helium in native gas	2,414,812	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	47,527	35,398	74.48%
Measured to Pipeline (Private Plants)	80,280	54,307	67.65%
Measured from Pipeline (Private Plant:	220,652	163,838	74.25%
HEU Production	187,862	146,507	77.99%
Injection	33,050	25,774	77.98%
Production	0	0	
Ending Inventory	46,710	34,847	74.60%
Gain/Loss	(15,256)	(11,753)	

## 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

December - 2009

	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges Billed (\$) **
<b>In Kind Helium</b>									
<b>AirGas South West, Contract no. INC98-0101</b>									(billed quarterly)
Month									
FYTD									
<b>AirGas North Central, Contract no. INC98-0102</b>									
Month									
FYTD									
<b>AirGas Intermountain, 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>Linde Gas North America, LLC, 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>	27,951	1,884	3	978	9,031	4,957	44,805	44,113	\$2,746,034
<b>Total FYTD</b>	27,951	1,884	3	978	9,031	4,957	44,805	44,113	\$2,746,034
<b>Total CYTD</b>	109,365	7,162	6	6,791	20,728	31,995	176,048	173,325	\$10,787,889
<b>Cumulative</b>	1,475,787	69,988	227	267,967	332,254	361,893	2,508,116	2,469,224	\$132,333,795
<b>In Kind Transfers</b>							Month	FYTD	CYTD Cumulative
Transferred							151	43,897	172,945 2,425,179
Volume outstanding							44,120		

\* Volumes in Mcf at 14.7 psia &amp; 70°F

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

\*\*Rounded to nearest dollar

Table 5 - Open Market/Reserve Sell-down

December - 2009

## Helium &amp; Natural Gas Sales

	Award Volume*	Outstanding*	Sales*	Charges Billed (\$) **	
Conservation Helium				(billed quarterly)	
<b><u>Air Liquide Helium America, Inc.</u></b>					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	77,000		77,000		\$4,258,500
<b><u>Air Products, L.P.</u></b>					
Month	0	(100,000)	100,000		\$6,475,000
FYTD	100,000	0	100,000		\$6,475,000
Cumulative	3,759,400		3,759,400		\$216,894,250
<b><u>Linde Gas North America, LLC</u></b>					
Month	0	(75,000)	75,000		\$4,856,250
FYTD	75,000	0	75,000		\$4,856,250
Cumulative	3,304,000		3,304,000		\$185,558,750
<b><u>Keyes Helium Co., LLC</u></b>					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	548,200		548,200		\$31,759,900
<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	0	(50,000)	50,000		\$3,237,500
FYTD	50,000	0	50,000		\$3,237,500
Cumulative	2,190,000		2,190,000		\$127,177,500
<b><u>Linde Gas, LLC discontinued 10 2008</u></b>					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	200,000		200,000		\$11,035,000
<b>Total month</b>	0	(225,000)	225,000		<b>\$14,568,750</b>
<b>Total FYTD</b>	225,000	0	225,000		<b>\$14,568,750</b>
<b>Total CYTD</b>	811,000		811,000		<b>\$51,047,250</b>
<b>Cumulative</b>	10,088,600		10,088,600		<b>\$577,271,400</b>
<b>Open Market Transfers</b>		Month	FYTD	CYTD	Cumulative
Transferred		0	300,000	899,000	9,863,600
Volume outstanding		225,000			

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

## Natural Gas/Liquid Sales

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	Avg Btu Value	Charges Billed (\$)** (billed monthly)
<b><u>El Paso Natural Gas</u></b>					
Month	266,718	---	292,039	1,095	(\$29,623)
FYTD	758,423	---	830,898	1,096	(\$89,894)
Cumulative	19,844,298	---	21,842,783	1,101	(\$2,260,760)
<b><u>Minerals Management Service</u></b>					
Month	---	---	---	---	(\$9,786)
FYTD	---	---	---	---	(\$9,786)
Cumulative	---	---	---	---	(\$169,039)
<b><u>Tenaska</u></b>					
Month	---	---	285,232	\$5.219982	\$1,488,906
FYTD	---	---	828,415	\$4.215845	\$3,492,470
Cumulative	---	---	21,709,729	\$5.817828	\$125,482,572
<b><u>SemCrude</u></b>					
Month	---	102,634	10,955	\$13.556805	\$148,515
FYTD	---	253,065	27,079	\$12.937703	\$350,340
Cumulative	---	5,179,855	552,972	\$11.471500	\$6,343,418
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$ Per Unit (\$/Dth)	Total (\$)
<b>Total month</b>	266,718	102,634	296,187	\$5.395280	<b>\$1,598,012</b>
<b>Total FYTD</b>	758,423	253,065	855,494	\$4.375401	<b>\$3,743,129</b>
<b>Total CYTD</b>	3,276,074	843,650	3,437,798	\$3.402463	<b>\$11,696,981</b>
<b>Cumulative</b>	19,844,298	5,179,855	22,262,701	\$5.849115	<b>\$129,396,192</b>

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

\*\*Rounded to nearest dollar

## Table 6 - Helium Resources Evaluation

December - 2009

All Volumes in Mcf at 14.7 psia & 70°F

<b>Revenue Collected From Federal Leaseholds</b>	Month*	FYTD*
Fee Sales & Royalties	\$767,265	\$2,288,263
Natural Gas Royalties (1)	\$597	\$972
Natural Gas Rentals	\$0	\$0
Other	\$11,535	\$41,432
Revenue Collected from Federal Lease Holds	\$767,733	\$2,300,770

\*Totals do not sum

<b>Helium Analysis and Evaluation</b>	Month	FYTD
Number of Sample Request Letters Sent	0	0
Number of Samples Received	0	0
Number of Samples Analyzed	0	0
Total Number of Samples Analyzed For Resources Division	0	18
Total Number of Other Samples Analyzed (2)	35	82

### U. S. Helium Production

<i>Domestic</i>	FY Volume		CY Volume
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		4,668,286
2009 Helium Sold	4,325,300	*	4,744,174
Estimated Helium Resources as of 12/31/2006(Mcf)			732,000,000

\* Indicates Production Data are Projected

	FY-2009	CY-2008
<b>U.S. Helium Exports</b> (3)	2,631,905	2,520,465

(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 - 2009

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	80,104	67.7%	54,232	151,146	559,465	29,183,739	54,901	40,449,701			
Crude Disposed	220,476	74.3%	163,827	494,869	1,966,246	38,692,025	54,750	28,803,335			
Grade-A Rdlvrd	0		0	0	0	1,478,718					
Net/Balance	(140,372)		(109,595)	(343,723)	(1,406,781)	(10,987,004)	151	11,646,366	659,362	\$519,912	\$1,254,942
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											

<b>Government Helium</b>	
Remaining Crude Acquired beginning of the month	17,777,324
Crude Disposed: In Kind Sales transferred for the month	(151)
Open Market/Reserve Sell Down transferred for the month	0
Gains and Loses for the month	(11,753)
Net/Balance of Purchased Helium Remaining for Sale	17,765,420

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

\*\*Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations) December - 2009

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$5.22	\$4.23	\$5.80
Fuel used *	total MMBTU	13,269	37,321	948,021
Field compressor fuel revenue *	\$dollars	\$0	\$4,015	\$640,577
HEU compressor fuel credit *	\$dollars	\$42,889	\$96,638	\$2,883,184
HEU fuel credit *	\$dollars	\$26,375	\$57,225	\$1,978,655
#1 Compressor run time *	hours	716	1,754	55,418
#2 Compressor run time *	hours	629	1,442	35,843
#3 Compressor run time *	hours	146	1,141	25,783

\* Field/CHEU Compressor Operations based on Dec 09 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)	(\$58,492)	(\$173,866)	(\$7,190,871)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$14,223	\$41,059	\$1,789,604
Net Total - Cliffside Refiners, LP	(\$44,269)	(\$132,807)	(\$5,401,267)

\* BLM provided fuel cost is based on Oct 09 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%	2,133	96.6%	55,234
Producing residue gas	744	100.0%	2,102	95.2%	54,768
Producing helium product	744	100.0%	2,106	95.4%	51,901
Producing natural gas liquids	744	100.0%	2,106	95.4%	50,409

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$193,843	\$594,184	\$14,037,609
Total operating costs	(\$813,229)	(\$2,352,041)	(\$69,630,610)
Labor	\$102,247	\$306,740	\$5,613,449
Compressor fuel cost Oct 09	\$29,453	\$71,265	\$2,866,657
HEU fuel cost Oct 09	\$17,294	\$40,348	\$1,983,551
Electrical power cost Oct 09	\$123,914	\$312,724	\$10,192,049
Other	\$52,651	\$157,953	\$7,394,502
Sub Total - Items provided by BLM	\$325,559	\$889,030	\$31,259,562
Total - Cliffside Refiners, LP, GDA030001	(\$487,670)	(\$1,463,011)	(\$38,371,048)

\*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Dec 09	4,394	11,787	302,541
Cheu Pure Water Usage (gallons) Dec 09	930	2,574	221,071
Electricity Metered (Kwh) consumed Oct 09	2,588,774	7,942,603	174,765,387