

Bureau of Land Management

Amarillo Field Office

Helium Operations



Statistical Report
for
October - 2009



Distribution:

Fluid Minerals Group Manager, Washington Office
NMSO, New Mexico State Director
NMSO, Associate State Director
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-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 /s/*

Date: 09/10/2010

Table 1 - Summary of Helium Operations

October - 2009

Helium Enrichment Unit Operations

Gas Processed	Month			Gross FYTD	Net FYTD
	Gross Volume	Net Helium	Average Percent		
Measured Plant Feed (Mcf*)	579,027	140,068	24.19%	579,027	140,068
Helium Product (Mcf*)	176,852	137,037	77.49%	176,852	137,037
Residue Natural Gas (Mcf*)	255,604	0	00.00%	255,604	0

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas & Liquids Produced

Gas Processed	Month	FYTD
Natural Gas Sales (Mcf***)	255,137	255,137
NGL Sales (gallons)	82,525	82,525

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

Bush Dome Reservoir Operations

Conservation gases from all sources	Month			Gross FYTD	Net FYTD
	Gross Volume	Net Helium	Average Percent		
Total Withdrawn (Mcf*)	584,020	150,681	25.80%	584,020	150,681
Crude Injection (Mcf*)	23,508	18,250	77.63%	23,508	18,250
Crude Production (Mcf*)	15,901	12,301	77.36%	15,901	12,301

* Volumes in Mcf at 14.65 psia & 60°F

Storage Operations

Conservation Helium	Month	FYTD	CYTD	Cumulative
Open Market Sale Volumes (Mcf*)	300,000	300,000	899,000	9,863,600
Conservation Helium in Storage (EOM) (Mcf*)	17,826,933			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred (Mcf*)	1,205	1,205	130,253	2,382,487
Sale Volumes Outstanding (Mcf*)	42,699			

* 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 (Mcf*)	72,420	48,503	66.97%	48,503
Crude Disposed (Mcf*)	234,300	173,400	74.01%	173,400
Net Balance (Mcf*)	(161,880)	(124,897)		(124,897)
Balance of Stored Helium End Of Month (Mcf*)		835,496		

* Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))	Month	FYTD
Storage Fees Billed (\$)	\$2,142	\$2,142
Reservoir Management Fees Billed (\$)	\$217,013	\$217,013

Field Compressor Charges (Charges Billed (\$))	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$57,880)	(\$57,880)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$13,611	\$13,611
Net-Total (Funded by the Refiners for compression costs.)	(\$44,269)	(\$44,269)

Enrichment Unit Charges (Charges Billed (\$))	Month	FYTD
Reservoir Management Fees (RMF)	\$217,013	\$217,013
Total operating costs	(\$735,449)	(\$735,449)
Sub Total - Items provided by BLM	\$247,779	\$247,779
Total - Cliffside Refiners, LP, GDA030001	(\$487,670)	(\$487,670)

Conservation Helium - Natural Gas - Liquid Sales (Charges Billed (\$))	Month	FYTD
Open Market Sales	\$0	\$0
In Kind Sales	\$0	\$0
Natural Gas & Liquid Sales	\$1,210,229	\$1,210,229

Helium Resources Evaluation	Month	FYTD
Revenue Collected from Federal Lease Holds	\$922,095	\$922,095
Helium Sample Collection Report for month	Submitted - 0	Received - 0
		Analyzed - 25

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

October - 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
TOTAL		584,020	180,056,338	150,681	31,342,802	145,778	44,213,911	255,094	93,675,969	27,423	9,332,275	5,045	1,491,380
BIVINS A-3	Oct-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	Oct-09	15,126	8,177,840	11,701	4,724,368	3,004	2,022,507	308	1,278,422	3	122,837	111	29,707
BIVINS A-13	Oct-09	57,608	4,963,782	28,558	3,027,452	14,317	1,300,080	12,899	555,104	1,416	58,270	418	22,876
BIVINS A-14	Oct-09	59,189	5,478,843	34,045	3,680,905	14,771	1,402,133	8,979	338,389	951	34,451	444	22,964
BIVINS A-4	Oct-09	37,238	10,750,086	10,875	1,872,872	9,124	2,603,093	15,260	5,623,924	1,648	556,802	331	93,396
BUSH A-2	Oct-09	34,455	9,923,036	7,992	1,482,714	8,716	2,414,374	15,769	5,399,469	1,732	539,387	246	87,092
Injection	Oct-09	23,508	66,086,058	18,250	47,725,296	4,632	17,037,934	466	772,759	0	19	160	550,050
inj Bivins A-3	Oct-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	Oct-09	(23,508)	(24,046,534)	(18,250)	(17,393,159)	(4,632)	(6,407,667)	(466)	(135,293)	0	(10)	(160)	(110,404)
inj Bivins A-13	Oct-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	Oct-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	Oct-09	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Oct-09	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Oct-09	15,901	1,109,480	12,301	817,347	3,158	238,704	323	42,934	2	2,910	117	7,584
BIVINS A-1	Oct-09	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Oct-09	20,834	12,286,303	1,297	1,795,267	4,965	3,024,460	13,019	6,704,466	1,361	662,094	192	100,016
BIVINS A-5	Oct-09	27,213	13,657,847	7,258	1,535,340	6,920	3,326,254	11,550	7,891,905	1,277	783,934	208	120,414
BIVINS A-7	Oct-09	28,684	9,836,187	9,702	2,147,451	7,472	2,460,831	10,167	4,685,514	1,150	469,757	192	72,633
BIVINS A-9	Oct-09	30,283	8,789,773	625	164,119	7,819	2,142,397	19,540	5,818,068	2,060	583,202	239	81,987
BIVINS A-11	Oct-09	29,670	4,710,914	693	91,404	7,608	1,159,349	19,096	3,100,453	2,013	314,976	260	44,732
BIVINS A-15	Oct-09	25,843	7,596,243	534	390,008	6,121	1,814,178	17,139	4,835,491	1,757	481,077	293	75,488
BIVINS B-1	Oct-09	32,284	5,875,670	1,238	239,317	7,889	1,420,064	20,676	3,776,622	2,158	382,382	323	57,286
BIVINS B-2	Oct-09	33,004	4,587,435	630	86,025	8,454	1,138,980	21,185	2,997,400	2,220	305,994	515	59,036
BUSH A-1	Oct-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	Oct-09	31,414	9,609,019	15,701	1,847,059	8,068	2,355,675	6,621	4,839,482	766	481,678	258	85,125
BUSH A-4	Oct-09	22,983	6,882,751	5,326	1,281,182	5,893	1,711,362	10,479	3,488,231	1,146	350,310	140	51,666
BUSH A-5	Oct-09	36,022	13,295,120	12,558	2,818,494	9,193	3,323,341	12,647	6,416,460	1,411	641,022	212	95,803
BUSH A-8	Oct-09	16,372	3,103,868	303	56,795	4,047	744,688	10,678	2,060,776	1,106	206,001	239	35,608
BUSH A-9	Oct-09	4	3,649,325	0	94,041	1	877,069	2	2,406,004	0	239,026	0	33,186
BUSH A-11	Oct-09	22,366	3,463,097	768	100,582	5,369	827,257	14,455	2,268,000	1,499	228,925	276	38,333
BUSH B-1	Oct-09	770	3,137,394	14	58,915	187	744,059	509	2,097,686	54	205,915	6	30,819
FUQUA A-1	Oct-09	0	2,954,071	0	53,853	0	702,791	0	1,975,156	0	193,571	0	28,699
FUQUA A-2	Oct-09	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Oct-09	22,657	8,700,416	865	555,867	5,841	2,120,435	14,115	5,409,620	1,695	542,480	141	72,015
TT Fuel	Oct-09	767	0	12	0	156	0	529	0	66	0	5	0
field-wide pct's				25.80%	17.41%	24.96%	24.56%	43.68%	52.03%	4.70%	5.18%	0.86%	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-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	5.744	1.905
Injected to Date 2009	(0.216)	(0.223)
Amount of Raw Gas Available to CHEU	133.921	=====> 21.077 total helium in reservoir
Estimated Bottom Hole Pressure	490.513	est z-factor 0.975

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

Table 3 - Gas Volumes & Inventory

October - 2009

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	Oct-09	579,027	45,179,730	140,068	11,401,577	145,407	11,361,067	260,724	19,912,039	27,829	2,123,196	5,000	381,852
Calculated Feed	Oct-09	567,400	44,993,426	138,389	11,412,998	142,476	11,315,796	254,250	19,770,965	27,358	2,112,883	4,928	380,785
Feed to Box	Oct-09	563,742	44,728,995	138,389	11,413,176	142,476	11,315,878	254,250	19,771,011	27,358	2,112,890	1,270	116,040
Cheu Product	Oct-09	176,852	14,311,252	137,037	11,231,111	35,048	2,701,662	3,536	279,004	2	309	1,229	99,166
Residue	Oct-09	255,604	19,836,721	0	1,287	6,269	488,393	227,064	17,582,681	22,271	1,763,132	0	1,228
Cold Box Vent	Oct-09	90,004	7,932,425	57	82,238	82,019	6,865,557	7,909	924,657	0	137	18	59,837
Flare/Boot Strap	Oct-09	10,405	807,377	614	42,077	3,938	322,252	5,264	347,177	587	90,678	2	5,193
Fuel From Cheu	Oct-09	10,205	621,924	0	245	347	17,863	8,258	504,670	1,600	99,145	0	0
Shrinkage/Loss	Oct-09	2,898	154,769	0	0	0	0	0	0	2,898	154,769	0	0
Unaccounted*	Oct-09	17,775	1,099,125	682	53,760	14,854	934,631	2,218	108,070	(0)	1,083	21	1,581

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	18,134,678	659,188
net acceptances + redeliveries	0	0
	0	(124,897)
In Kind Transfers	(1,205)	1,205
Open Market Sales	(300,000)	300,000
Gain/loss	(6,539)	
Ending Inventory	17,826,933	835,496
Total Helium in Reservoir	21,076,915	
Total Helium in Storage	18,662,429	
Helium in native gas	2,414,486	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	47,600	35,407	74.38%
Measured to Pipeline (Private Plants)	72,516	48,541	66.94%
Measured from Pipeline (Private Plant:	234,396	173,400	73.98%
HEU Production	176,852	137,037	77.49%
Injection	23,508	18,250	77.63%
Production	15,901	12,301	77.36%
Ending Inventory	47,232	35,096	74.31%
Gain/Loss	(7,732)	(6,539)	

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

October - 2009

	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										
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	0	0	0	0	0	0	0	0	\$0	
Total FYTD	0	0	0	0	0	0	0	0	\$0	
Total CYTD	81,414	5,278	3	5,814	11,697	27,038	131,243	129,212	\$8,041,855	
Cumulative	1,447,836	68,104	225	266,989	323,222	356,936	2,463,312	2,425,111	\$129,587,761	
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							1,205	1,205	130,253	2,382,487
Volume outstanding							42,699			

* 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 - 2009

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	100,000	0	0	\$0	
FYTD	100,000	100,000	0	\$0	
Cumulative	3,759,400		3,659,400	\$210,419,250	
<u>Linde Gas North America, LLC</u>					
Month	75,000	0	0	\$0	
FYTD	75,000	75,000	0	\$0	
Cumulative	3,304,000		3,229,000	\$180,702,500	
<u>Keyes Helium Co., LLC</u>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	548,200		548,200	\$31,759,900	
<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	50,000	0	0	\$0	
FYTD	50,000	50,000	0	\$0	
Cumulative	2,190,000		2,140,000	\$123,940,000	
<u>Linde Gas, LLC discontinued 10 2008</u>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	200,000		200,000	\$11,035,000	
Total month	225,000	0	0	\$0	
Total FYTD	225,000	225,000	0	\$0	
Total CYTD	811,000		586,000	\$36,478,500	
Cumulative	10,088,600		9,863,600	\$562,702,650	
Open Market Transfers					
Transferred		Month	FYTD	CYTD	Cumulative
Volume outstanding		300,000	300,000	899,000	9,863,600

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas/Liquid Sales

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	Avg Btu Value	Charges Billed (\$) ** (billed monthly)
<u>EI Paso Natural Gas</u>					
Provides Measured Firm/Interruptible Transportation Services					
Month	255,137	---	279,876	1,097	(\$27,997)
FYTD	255,137	---	279,876	1,097	(\$27,997)
Cumulative	19,341,012	---	21,291,761	1,101	(\$2,198,863)
<u>Minerals Management Service</u>					
Provides Natural Gas Marketing Services					
Month	---	---	---	---	\$0
FYTD	---	---	---	---	\$0
Cumulative	---	---	---	---	(\$159,252)
<u>Tenaska</u>					
Purchaser - Natural Gas					
Month	---	---	284,200	\$3.985815	\$1,132,769
FYTD	---	---	284,200	\$3.985815	\$1,132,769
Cumulative	---	---	21,165,514	\$5.855930	\$123,122,871
<u>SemCrude</u>					
Purchaser - Natural Gas Liquids					
Month	---	82,525	8,864	\$11.897283	\$105,458
FYTD	---	82,525	8,864	\$11.897283	\$105,458
Cumulative	---	5,009,315	534,757	\$11.404312	\$6,098,536
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$\$ Per Unit (\$\$/Dth)	Total (\$\$)
Total month	255,137	82,525	293,064	\$4.129572	\$1,210,229
Total FYTD	255,137	82,525	293,064	\$4.129572	\$1,210,229
Total CYTD	2,772,788	673,110	2,875,368	\$3.187099	\$9,164,081
Cumulative	19,341,012	5,009,315	21,700,271	\$5.883991	\$126,863,292

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

October - 2009

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$903,750	\$903,750
Natural Gas Royalties (1)	\$111	\$111
Natural Gas Rentals	\$0	\$0
Other	\$18,234	\$18,234
Revenue Collected from Federal Lease Holds	\$922,095	\$922,095

*Totals do not sum

Helium Analysis and Evaluation	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	16	16
Total Number of Other Samples Analyzed (2)	25	25

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

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

October - 2009

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	72,420	67.0%	48,503	48,503	456,822	29,081,096	351,626	40,307,363		
Crude Disposed	234,300	74.0%	173,400	173,400	1,644,777	38,370,556	50,421	28,703,689		
Grade-A Rdlvrd	0		0	0	0	1,478,718				
Net/Balance	(161,880)		(124,897)	(124,897)	(1,187,955)	(10,768,178)	301,205	11,603,674	835,496	\$2,142 Storage Fees \$217,013 RMF Fees \$219,155 \$219,155
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										

Government Helium	
Remaining Crude Acquired beginning of the month	18,134,678
Crude Disposed: In Kind Sales transferred for the month	(1,205)
Open Market/Reserve Sell Down transferred for the month	(300,000)
Gains and Losses for the month	(6,539)
Net/Balance of Purchased Helium Remaining for Sale	17,826,933

*Includes In Kind and Open Market transfers from Government storage

**Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations)

October - 2009

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$3.99	\$3.99	\$5.84
Fuel used *	total MMBTU	12,380	12,380	923,080
Field compressor fuel revenue *	\$dollars	\$2,648	\$2,648	\$639,210
HEU compressor fuel credit *	\$dollars	\$29,453	\$29,453	\$2,815,999
HEU fuel credit *	\$dollars	\$17,294	\$17,294	\$1,938,724
#1 Compressor run time *	hours	745	745	54,409
#2 Compressor run time *	hours	155	155	34,556
#3 Compressor run time *	hours	560	560	25,202

* Field/CHEU Compressor Operations based on Oct 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)	(\$57,880)	(\$57,880)	(\$7,074,886)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$13,611	\$13,611	\$1,762,156
Net Total - Cliffside Refiners, LP	(\$44,269)	(\$44,269)	(\$5,312,729)

* BLM provided fuel cost is based on Aug 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	709	95.3%	709	95.3%	53,810
Producing residue gas	691	92.9%	691	92.9%	53,358
Producing helium product	689	92.6%	689	92.6%	50,484
Producing natural gas liquids	689	92.6%	689	92.6%	48,992

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$217,013	\$217,013	\$13,660,439
Total operating costs	(\$735,449)	(\$735,449)	(\$68,014,019)
Labor	\$102,247	\$102,247	\$5,408,955
Compressor fuel cost Aug 09	\$21,401	\$21,401	\$2,816,793
HEU fuel cost Aug 09	\$12,737	\$12,737	\$1,955,940
Electrical power cost Aug 09	\$58,743	\$58,743	\$9,938,068
Other	\$52,651	\$52,651	\$7,289,200
Sub Total - Items provided by BLM	\$247,779	\$247,779	\$30,618,311
Total - Cliffside Refiners, LP, GDA030001	(\$487,670)	(\$487,670)	(\$37,395,708)

***Rounded to nearest dollar**

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Oct 09	3,842	3,842	294,595
Cheu Pure Water Usage (gallons) Oct 09	713	713	219,210
Electricity Metered (Kwh) consumed Aug 09	2,635,042	2,635,042	169,457,826