

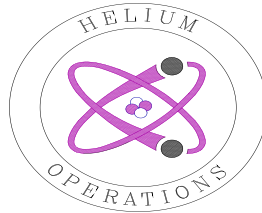
Bureau of Land Management

Amarillo Field Office

Helium Operations



Statistical Report for March - 2013



Distribution:

Fluid Minerals Group Manager, Washington Office
NMSO, New Mexico 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

Compiled by: Nelson R. Bullard

Issued: June 28, 2013

"Please Note: Data in this report is accurate as of print date; however all data is subject to change."

Approved for Distribution: Samuel R. M. Burton

Date: June 25, 2013

Table 1 - Summary of Helium Operations

March - 2013

Helium Enrichment Unit Operations

Gas Processed

	Month			Gross FYTD	Net FYTD
	Gross Volume	Net Helium	Average Percent		
Measured Plant Feed (Mcf*)	650,500	161,543	24.83%	4,000,418	1,023,468
Helium Product (Mcf*)	204,112	158,569	77.69%	1,295,149	1,013,073
Residue Natural Gas (Mcf*)	293,941	0	00.00%	1,803,627	0

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas & Liquids Produced

Gas Processed

	Month	FYTD
Natural Gas Sales (Mcf***)	290,334	1,779,920
NGL Sales (gallons)	110,183	674,894

*** 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Total Withdrawn (Mcf*)	656,886	159,612	24.30%	4,006,017	1,018,429
Crude Injection (Mcf*)	0	0	00.00%	0	0
Crude Production (Mcf*)	0	0	00.00%	0	0

* Volumes in Mcf at 14.65 psia & 60°F

Storage Operations

Conservation Helium

	Volume Outstanding	Month	FYTD	CYTD	Cumulative
Conservation Crude Sale Volume Sold/Paid (Mcf*)		525,000	1,050,000	525,000	17,213,600
Conservation Crude Sale Volume Transferred (Mcf*)	525,000	0	1,050,000	525,000	16,688,600
Conservation Helium in Storage (EOM) (Mcf*)		10,303,854			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred (Mcf*)	712	79,028	32,072	2,949,155
Sale Volumes Outstanding (Mcf*)	35,450			

* 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*)	55,794	35,967	64.46%	204,976
Crude Disposed (Mcf*)	253,736	190,554	75.10%	1,206,392
Net Balance (Mcf*)	(197,942)	(154,587)		(1,001,416)
Balance of Stored Helium End Of Month (Mcf*)		1,404,528		

* Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))

	Month	FYTD
Storage Fees Billed (\$)	\$301,363	\$1,504,660
Reservoir Management Fees Billed (\$)	\$207,841	\$1,337,993

Field Compressor Charges (Charges Billed (\$))

	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$55,778)	(\$334,667)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$12,540	\$75,242
Net-Total (Funded by the Refiners for compression costs.)	(\$43,238)	(\$259,425)

Enrichment Unit Charges (Charges Billed (\$))

	Month	FYTD
Reservoir Management Fees (RMF)	\$207,841	\$1,337,993
Total operating costs	(\$808,219)	(\$4,833,327)
Sub Total - Items provided by BLM	\$314,534	\$1,871,215
Total - Cliffside Refiners, LP, GDA030001	(\$493,685)	(\$2,962,112)

Conservation Helium - Natural Gas - Liquid Sales

(Charges Billed (\$))

	Month	FYTD
Conservation Crude Helium Sales	\$44,100,000	\$88,200,000
In Kind Sales	\$2,268,507	\$4,466,294
Natural Gas & Liquid Sales	\$1,138,205	\$6,885,236

Helium Resources Evaluation

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$1,108,709	\$6,366,387
Helium Sample Collection Report for month	Submitted - 0	Received - 0
	Analyzed - 26	

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

March - 2013

		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		656,886	206,438,031	159,612	38,444,383	164,365	50,804,732	295,365	104,933,131	31,764	10,541,879	5,781	1,713,906
BIVINS A-3	Mar-13	20,504	10,897,513	10,196	3,518,632	5,190	2,756,056	4,476	4,144,030	503	405,573	139	73,221
BIVINS A-6	Mar-13	59,834	10,261,694	36,219	6,114,418	15,184	2,516,781	7,259	1,443,660	737	142,070	435	44,765
BIVINS A-13	Mar-13	55,738	7,074,173	21,124	3,954,978	14,066	1,825,980	18,044	1,132,030	2,088	122,866	417	38,319
BIVINS A-14	Mar-13	66,851	7,810,461	28,107	4,866,243	16,884	1,983,685	19,172	832,043	2,137	87,390	551	41,100
BIVINS A-4	Mar-13	37,673	12,326,183	6,446	2,237,715	9,123	2,988,403	19,639	6,356,666	2,093	635,250	371	108,150
BUSH A-2	Mar-13	52,907	11,609,259	2,481	1,776,831	12,460	2,839,025	33,908	6,260,251	3,550	634,063	508	99,090
Injection	Mar-13	0	66,240,889	0	47,846,276	0	17,067,782	0	775,688	0	23	0	551,121
inj Bivins A-3	Mar-13	0	(25,652,315)	0	(18,384,452)	0	(6,554,549)	0	(332,777)	0	0	0	(380,537)
inj Bivins A-6	Mar-13	0	(24,201,365)	0	(17,514,139)	0	(6,437,517)	0	(138,222)	0	(12)	0	(111,475)
inj Bivins A-13	Mar-13	0	(6,490,417)	0	(4,706,191)	0	(1,656,853)	0	(122,391)	0	(2)	0	(4,980)
inj Bivins A-14	Mar-13	0	(6,501,333)	0	(4,767,421)	0	(1,602,106)	0	(126,303)	0	(7)	0	(5,497)
inj Bivins A-4	Mar-13	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Mar-13	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Mar-13	0	1,217,868	0	897,578	0	261,663	0	47,122	0	3,172	0	8,333
BIVINS A-1	Mar-13	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Mar-13	22,647	13,354,644	1,048	1,857,657	5,313	3,278,201	14,537	7,376,326	1,532	732,470	217	109,990
BIVINS A-5	Mar-13	36,289	15,142,686	7,128	1,880,175	9,222	3,704,612	17,726	8,568,307	1,933	857,803	280	131,790
BIVINS A-7	Mar-13	25,718	11,131,778	8,218	2,573,057	6,674	2,798,153	9,575	5,156,636	1,080	522,669	170	81,263
BIVINS A-9	Mar-13	20,979	9,628,139	440	181,543	5,439	2,359,187	13,505	6,358,511	1,428	640,275	168	88,623
BIVINS A-11	Mar-13	25,889	5,768,634	734	119,290	6,639	1,430,224	16,521	3,778,018	1,754	386,733	240	54,368
BIVINS A-15	Mar-13	26,952	8,716,034	475	411,304	6,375	2,079,000	17,950	5,580,058	1,836	557,241	318	88,432
BIVINS B-1	Mar-13	26,268	6,926,201	687	273,976	6,417	1,677,292	17,099	4,453,951	1,780	452,799	284	68,182
BIVINS B-2	Mar-13	32,081	5,672,179	611	106,699	8,214	1,416,462	20,562	3,693,459	2,160	378,896	535	76,662
BUSH A-1	Mar-13	0	5,721,962	0	104,140	0	1,356,677	0	3,830,281	0	374,216	0	56,647
BUSH A-3	Mar-13	39,944	11,096,135	15,269	2,509,537	10,176	2,736,809	12,734	5,226,635	1,434	525,747	331	97,407
BUSH A-4	Mar-13	24,996	8,034,278	3,876	1,507,744	6,380	2,006,481	13,160	4,050,154	1,432	411,262	147	58,636
BUSH A-5	Mar-13	51,768	15,171,334	15,684	3,409,410	13,187	3,802,565	20,314	7,131,828	2,277	720,621	305	106,910
BUSH A-8	Mar-13	13,752	3,704,031	255	67,925	3,426	893,276	8,936	2,451,614	924	246,596	213	44,619
BUSH A-9	Mar-13	7,653	3,852,828	406	104,630	1,975	928,865	4,715	2,532,157	516	252,917	41	34,259
BUSH A-11	Mar-13	8,295	4,267,820	205	126,345	1,983	1,020,706	5,434	2,789,418	563	282,935	109	48,417
BUSH B-1	Mar-13	110	3,193,411	2	59,978	27	757,509	73	2,134,742	8	209,877	1	31,304
FUQUA A-1	Mar-13	0	2,954,094	0	53,854	0	702,797	0	1,975,172	0	193,572	0	28,699
FUQUA A-2	Mar-13	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Mar-13	38	9,303,833	1	577,004	10	2,277,668	25	5,790,310	3	583,696	0	75,155
TT Fuel	Mar-13	84	0	2	0	20	0	56	0	6	0	1	0
field-wide pct's				24.30%	18.62%	25.02%	24.61%	44.96%	50.83%	4.84%	5.11%	0.88%	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 Mar-13 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
Remaining Gas In Place July 2002 181.660
Produced July 2002 through Dec 2002 1.096
Production 2003 - 12 72.131
Injection 2003 - 12 (1.189) (0.985)
Produced to Date 2013 1.928
Injected to Date 2013 0.000
Amount of Raw Gas Available to CHEU 107.694 =====> 14.142 total helium in reservoir
Estimated Bottom Hole Pressure 396.542
est z-factor 0.980

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

Table 3 - Gas Volumes & Inventory

March - 2013

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	Mar-13	650,500	71,589,996	161,543	18,445,393	162,703	17,966,861	289,801	31,245,334	30,883	3,328,216	5,570	604,191
Calculated Feed	Mar-13	655,818	71,255,187	159,552	18,437,175	164,088	17,880,980	294,710	31,013,413	31,692	3,321,113	5,776	602,505
Feed to Box	Mar-13	651,528	70,833,299	159,552	18,437,354	164,088	17,881,062	294,710	31,013,459	31,692	3,321,120	1,485	180,304
Cheu Product	Mar-13	204,112	23,165,349	158,569	18,211,840	40,042	4,341,422	4,044	450,210	4	400	1,452	161,478
Residue	Mar-13	293,941	31,323,265	0	1,477	6,937	784,647	261,923	27,778,582	25,081	2,757,321	0	1,238
Cold Box Vent	Mar-13	103,204	12,151,652	95	86,221	94,897	10,756,035	8,191	1,248,585	0	135	21	60,676
Flare/Boot Strap	Mar-13	103,204	2,667,901	95	47,001	94,897	2,011,037	8,191	510,754	0	93,600	21	5,510
Fuel From Cheu	Mar-13	8,149	960,724	0	245	260	29,082	6,703	780,255	1,186	151,142	0	0
Shrinkage/Loss	Mar-13	4,758	305,257	0	0	0	0	0	0	4,758	305,257	0	0
Unaccounted*	Mar-13	26,054	1,968,398	469	82,848	17,090	1,602,367	8,484	279,527	0	1,085	11	2,572

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	10,305,636	1,558,403
net acceptances +	0	0
redeliveries	0	(154,587)
In Kind Transfers	(712)	712
Conservation Crude Sales	0	0
Gain/loss	(1,070)	
Ending Inventory	10,303,854	1,404,528
Total Helium in Reservoir	14,142,305	
Total Helium in Storage	11,708,382	
Helium in native gas	2,433,923	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	30,471	23,004	75.49%
Measured to Pipeline (Private Plants)	55,794	36,148	64.79%
Measured from Pipeline (Private Plant:	253,736	190,554	75.10%
HEU Production	204,112	158,569	77.69%
Injection	0	0	00.00%
Production	0	0	
Ending Inventory	34,792	26,097	75.01%
Gain/Loss	(1,848)	(1,070)	

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

March - 2013

	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	9,251	1,922	21	19	5,292	17,515	34,019	33,493	\$2,268,507
Total FYTD	21,772	4,066	37	44	10,059	32,120	68,097	67,047	\$4,466,294
Total CYTD	9,251	1,922	21	19	5,292	17,515	34,019	33,493	\$2,268,507
Cumulative	1,705,985	99,374	366	271,530	407,474	546,779	3,031,507	2,984,530	\$165,937,986
In Kind Transfers							Month	FYTD	CYTD Cumulative
Transferred							712	79,028	32,072 2,949,155
Volume outstanding							35,450		

* Volumes in Mcf at 14.7 psia & 70°F

+ Volumes in Mcf at 14.65 psia & 60°F

**Rounded to nearest dollar

Table 5 - Conservation Crude Sales/Reserve Sell-down

March - 2013

Helium & Natural Gas Sales

	Award Volume*	Outstanding*	Sales*	Charges Billed (\$)*** (billed quarterly)	
Conservation Helium					
Air Liquide Helium America, Inc.					
Month	0	(6,300)	6,300	\$529,200	
FYTD	6,300	0	6,300	\$529,200	
Cumulative	270,550		270,550	\$18,831,450	
Air Products, L.P.					
Month	0	(183,960)	183,960	\$15,452,640	
FYTD	369,495	0	369,495	\$31,037,580	
Cumulative	6,679,900		6,679,900	\$430,015,459	
Linde Gas North America, LLC					
Month	0	(134,610)	134,610	\$11,307,240	
FYTD	270,795	0	270,795	\$22,746,780	
Cumulative	5,194,915		5,194,915	\$323,911,308	
Keyes Helium Co., LLC					
Month	0	(26,040)	26,040	\$2,187,360	
FYTD	53,655	0	53,655	\$4,507,020	
Cumulative	837,085		837,085	\$52,636,843	
Matheson Tri-Gas, Inc.					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	10,000		10,000	\$587,500	
Praxair, Inc.					
Month	0	(174,090)	174,090	\$14,623,560	
FYTD	349,755	0	349,755	\$29,379,420	
Cumulative	4,021,150		4,021,150	\$266,435,091	
Linde Gas, LLC discontinued 10 2008					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	200,000		200,000	\$11,035,000	
Total month	0	(525,000)	525,000	\$44,100,000	
Total FYTD	1,050,000	0	1,050,000	\$88,200,000	
Total CYTD	525,000		525,000	\$44,100,000	
Cumulative	17,213,600		17,213,600	\$1,103,452,650	
Conservation Crude Transfers					
		Month	FYTD	CYTD	Cumulative
Transferred		0	1,050,000	525,000	16,688,600
Volume outstanding		525,000			

* 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>El Paso Natural Gas</u>					
Month	290,334	---	318,221	1,096	(\$27,997)
FYTD	1,779,920	---	1,950,995	1,096	(\$172,030)
Cumulative	30,718,962	---	33,747,296	1,099	(\$3,406,519)
<u>Minerals Management Service</u>					
Cumulative	---	---	---	---	(\$179,913)
<u>Tenaska</u>					
		Purchaser - Natural Gas		\$/Unit	
Month	---	---	284,400	\$3.598128	\$1,023,308
FYTD	---	---	1,892,422	\$3.223996	\$6,101,161
Cumulative	---	---	33,477,835	\$4.974814	\$165,719,439
<u>Sandstone</u>					
		Purchaser - Natural Gas Liquids			
Month	---	110,183	11,563	\$12.357924	\$142,895
FYTD	---	674,894	71,565	\$13.359953	\$956,105
Cumulative	---	8,951,844	954,699	\$12.400302	\$11,838,555
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$/Per Unit (\$/Dth)	Total (\$)
Total month	290,334	110,183	295,963	\$3.845768	\$1,138,205
Total FYTD	1,779,920	674,894	1,963,987	\$3.505744	\$6,885,236
Total CYTD	852,259	333,966	936,656	\$3.590958	\$3,363,492
Cumulative	30,718,962	8,951,844	34,432,534	\$5.076539	\$173,971,562

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

March - 2013

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$1,062,215	\$6,307,616
Natural Gas Royalties (1)	\$0	\$6,280
Natural Gas Rentals	\$0	\$0
Other	\$52,491	\$196,808
Revenue Collected from Federal Lease Holds	\$1,108,709	\$6,366,387

*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	70
Total Number of Samples Analyzed For Resources Division	0	70
Total Number of Other Samples Analyzed (2)	26	131

U. S. Helium Production

<i>Domestic</i>	FY Volume		CY Volume
2007 Helium Sold	4,995,600		4,965,176
2008 Helium Sold	4,771,200		4,668,286
2009 Helium Sold	4,325,600		4,238,415
2010 Helium Sold	4,559,100		4,644,278
2011 Helium Sold	4,691,100		4,768,537
Estimated Helium Resources as of 12/31/2006 (Mcf)			732,000,000

	FY-2011	CY-2011
U.S. Helium Exports (3)	2,966,225	3,027,731

(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

March - 2013

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	55,794	64.5%	35,967	204,976	96,943	30,483,973	49,043	49,767,717			
Crude Disposed	253,736	75.1%	190,554	1,206,392	578,160	46,596,069	48,331	30,772,375		\$301,363	Storage Fees
Grade-A Rdlvrd	0		0	0	0	1,478,718				<u>\$207,841</u>	RMF Fees
Net/Balance	(197,942)		(154,587)	(1,001,416)	(481,217)	(17,590,814)	712	18,995,342	1,404,528	\$509,204	\$2,842,653
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											
Global Gases America, Contract no. 2013-3293											
Crude Acquired											
Crude Disposed											
Net/Balance											

Government Helium

Remaining Crude Acquired beginning of the month	10,305,636
Crude Disposed: In Kind Sales transferred for the month	(712)
Conservation Crude Sales/Reserve Sell Down transferred (month)	0
Gains and Losses for the month	(1,070)
Net/Balance of Purchased Helium Remaining for Sale	10,303,854

*Includes In Kind and Conservation Crude transfers from Government storage

**Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations)

March - 2013

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$3.60	\$4.32	\$5.20
Fuel used * (now includes field compression well head)	total MMBTU	11,869	72,226	1,345,760
Field Compression Fuel Cost *	\$dollars	\$0	\$0	\$654,398
CHEU Compression Fuel Cost *	\$dollars	\$19,116	\$105,367	\$3,664,122
CHEU Process Fuel Cost *	\$dollars	\$15,048	\$71,871	\$2,461,871
Rental compressor(s) fuel consumed (well head)	\$dollars	\$8,564	\$55,887	\$74,980
Rental Compressor(s) helium in fuel (Mcf x \$\$)	\$dollars	\$12,768	\$78,624	\$136,150
Rental compressor(s) helium in fuel (Mcf)	Mcf	152	936	1696
#1 Compressor run time *	hours	721	4,012	78,789
#2 Compressor run time *	hours	3	1,578	50,866
#3 Compressor run time *	hours	713	3,085	42,819

* Field/CHEU Compressor Operations based on Mar 13 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)	(\$55,778)	(\$334,667)	(\$9,461,627)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$12,540	\$75,242	\$2,361,582
Net Total - Cliffside Refiners, LP	(\$43,238)	(\$259,425)	(\$7,100,045)

* BLM provided fuel cost is based on Feb 13 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	734	98.7%	4,352	99.6%	82,978
Producing residue gas	722	97.1%	4,332	99.2%	82,061
Producing helium product	702	94.4%	4,308	98.6%	79,129
Producing natural gas liquids	715	96.2%	4,325	99.0%	77,650

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$207,841	\$1,337,993	\$24,173,265
Total operating costs	(\$808,219)	(\$4,833,327)	(\$102,061,937)
Labor	\$91,255	\$547,531	\$9,703,792
Compressor fuel cost Feb 13	\$16,147	\$100,640	\$3,695,821
HEU fuel cost Feb 13	\$10,474	\$65,605	\$2,491,650
Electrical power cost Feb 13	\$116,894	\$663,130	\$15,232,645
Other	\$79,764	\$494,310	\$10,055,645
Sub Total - Items provided by BLM	\$314,534	\$1,871,215	\$44,388,907
Total - Cliffside Refiners, LP, GDA030001	(\$493,685)	(\$2,962,112)	(\$57,673,030)

***Rounded to nearest dollar**

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Mar 13	3,631	19,228	425,951
Cheu Pure Water Usage (gallons) Mar 13	1,450	7,361	264,953
Electricity Metered (Kwh) consumed Feb 13	2,701,543	17,076,244	17,076,244