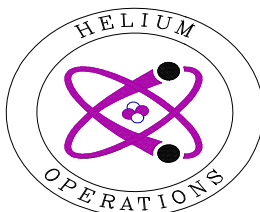


Bureau of Land Management

Amarillo Field Office Helium Operations



Statistical Report for November - 2013



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

Compiled by: David V. Reeves

Issued: March 7, 2014

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

Samuel R. M. Burton

Date: **March 4, 2014**

Table 1 - Summary of Helium Operations

November - 2013

Helium Enrichment Unit Operations

Gas Processed

	Month			Gross FYTD	Net FYTD
	Gross Volume	Net Helium	Average Percent		
Measured Plant Feed (Mcf*)	590,039	134,442	22.79%	1,207,641	279,311
Helium Product (Mcf*)	172,374	132,187	76.69%	355,999	273,770
Residue Natural Gas (Mcf*)	279,703	0	00.00%	569,902	0

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas & Liquids Produced

Gas Processed

	Month	FYTD
Natural Gas Sales (Mcf****)	277,419	564,836
NGL Sales (gallons)	93,339	199,791

*** 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Total Withdrawn (Mcf*)	590,637	132,697	22.47%	1,207,148	275,228
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*)		0	26,040	1,575,000	18,263,600
Conservation Crude Sale Volume Transferred (Mcf*)	0	26,040	344,610	2,100,000	18,263,600
Conservation Helium in Storage (EOM) (Mcf*)		8,621,028			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred (Mcf*)	26,673	30,042	129,402	3,046,485
Sale Volumes Outstanding (Mcf*)	715			

* 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*)	47,268	30,293	64.09%	67,854
Crude Disposed (Mcf*)	220,579	164,028	74.36%	341,420
Net Balance (Mcf*)	(173,311)	(133,735)		(273,566)
Balance of Stored Helium End Of Month (Mcf*)		1,944,629		

* Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))

	Month	FYTD
Storage Fees Billed (\$)	\$299,492	\$281,662
Reservoir Management Fees Billed (\$)	\$226,192	\$466,970

Field Compressor Charges (Charges Billed (\$))

	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$60,945)	(\$121,889)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$16,364	\$32,729
Net-Total (Funded by the Refiners for compression costs.)	(\$44,580)	(\$89,161)

Enrichment Unit Charges (Charges Billed (\$))

	Month	FYTD
Reservoir Management Fees (RMF)	\$226,192	\$466,970
Total operating costs	(\$913,671)	(\$1,806,564)
Sub Total - Items provided by BLM	\$411,812	\$802,846
Total - Cliffside Refiners, LP, GDA030001	(\$501,859)	(\$1,003,718)

Conservation Helium - Natural Gas - Liquid Sales

(Charges Billed (\$))

	Month	FYTD
Conservation Crude Helium Sales	\$0	\$2,187,360
In Kind Sales	\$0	\$0
Natural Gas & Liquid Sales	\$1,105,545	\$2,309,103

Helium Resources Evaluation

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$46,760	\$2,156,866
Helium Sample Collection Report for month	Submitted - 0	Received - 0
	Analyzed - 19	

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

November - 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		590,637	211,199,736	132,697	39,585,431	148,234	52,001,051	274,641	107,083,430	29,821	10,774,353	5,244	1,755,471
BIVINS A-3	Nov-13	2,995	10,961,112	1,290	3,548,629	755	2,772,147	834	4,159,383	94	407,301	20	73,653
BIVINS A-6	Nov-13	51,480	10,702,787	29,251	6,372,549	13,100	2,628,960	7,928	1,504,913	825	148,380	376	47,986
BIVINS A-13	Nov-13	56,869	7,513,545	20,600	4,116,864	14,356	1,936,954	19,221	1,278,190	2,262	139,910	430	41,626
BIVINS A-14	Nov-13	64,360	8,345,394	24,922	5,080,883	16,241	2,118,784	20,346	994,495	2,308	105,655	543	45,577
BIVINS A-4	Nov-13	33,808	12,610,073	4,882	2,281,937	8,139	3,056,918	18,478	6,508,841	1,968	651,402	341	110,976
BUSH A-2	Nov-13	47,948	11,995,813	6,141	1,825,003	11,992	2,935,281	26,501	6,475,669	2,978	657,977	336	101,885
Injection	Nov-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	Nov-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	Nov-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	Nov-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	Nov-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	Nov-13	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Nov-13	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Nov-13	0	1,217,868	0	897,578	0	261,663	0	47,122	0	3,172	0	8,333
BIVINS A-1	Nov-13	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Nov-13	19,004	13,484,630	416	1,862,344	4,532	3,309,030	12,571	7,460,676	1,306	741,312	179	111,268
BIVINS A-5	Nov-13	30,658	15,403,070	5,630	1,929,305	7,781	3,770,702	15,334	8,697,322	1,677	871,939	236	133,804
BIVINS A-7	Nov-13	23,485	11,328,042	7,413	2,635,785	6,089	2,849,003	8,828	5,229,739	999	530,929	157	82,587
BIVINS A-9	Nov-13	18,262	9,767,339	385	184,472	4,730	2,395,246	11,757	6,448,124	1,244	649,760	146	89,737
BIVINS A-11	Nov-13	25,347	5,978,910	733	125,316	6,493	1,484,115	16,166	3,912,188	1,719	400,970	236	56,322
BIVINS A-15	Nov-13	25,197	8,926,838	439	414,994	5,950	2,128,807	16,791	5,720,508	1,717	571,604	300	90,925
BIVINS B-1	Nov-13	25,836	7,137,302	624	279,257	6,303	1,728,806	16,859	4,591,564	1,762	467,172	287	70,504
BIVINS B-2	Nov-13	32,277	5,927,533	614	111,558	8,255	1,481,799	20,692	3,857,169	2,174	396,073	543	80,934
BUSH A-1	Nov-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	Nov-13	33,957	11,380,831	11,966	2,613,588	8,624	2,809,199	11,765	5,321,850	1,320	536,426	282	99,768
BUSH A-4	Nov-13	21,330	8,187,790	2,871	1,529,415	5,434	2,045,611	11,631	4,132,958	1,268	420,273	126	59,532
BUSH A-5	Nov-13	46,870	15,555,910	13,851	3,524,780	11,925	3,900,433	18,723	7,283,905	2,098	737,639	273	109,152
BUSH A-8	Nov-13	13,171	3,802,409	244	69,579	3,279	917,960	8,555	2,516,128	887	252,731	205	46,010
BUSH A-9	Nov-13	163	3,860,914	8	105,037	40	930,915	102	2,537,187	11	253,463	1	34,312
BUSH A-11	Nov-13	15,774	4,310,067	383	127,359	3,771	1,030,809	10,337	2,817,111	1,074	285,810	209	48,977
BUSH B-1	Nov-13	1,845	3,220,777	34	60,482	443	764,105	1,222	2,152,850	130	211,800	16	31,539
FUQUA A-1	Nov-13	1	2,954,098	0	53,854	0	702,798	0	1,975,175	0	193,573	0	28,699
FUQUA A-2	Nov-13	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Nov-13	0	9,303,863	0	577,004	0	2,277,675	0	5,790,329	0	583,698	0	75,155
TT Fuel	Nov-13	0	0	0	0	0	0	0	0	0	0	0	0
field-wide pcts				22.47%	18.74%	25.10%	24.62%	46.50%	50.70%	5.05%	5.10%	0.89%	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 Nov-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	Net Helium
Remaining Gas In Place July 2002	181.660	33.997
Produced July 2002 through Dec 2002	1.096	0.743
Production 2003 - 12	72.131	19.611
Injection 2003 - 12	(1.189)	(0.985)
Produced to Date 2013	6.690	1.626
Injected to Date 2013	0.000	0.000
Amount of Raw Gas Available to CHEU	102.932	====> 13.001 total helium in reservoir
Estimated Bottom Hole Pressure	379.024	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

November - 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	Nov-13	590,039	76,398,599	134,442	19,614,105	147,522	19,169,631	273,463	33,409,436	29,365	3,559,319	5,247	646,108
Calculated Feed	Nov-13	590,473	76,014,429	132,689	19,578,081	148,194	19,076,646	274,539	33,162,216	29,810	3,553,437	5,242	644,050
Feed to Box	Nov-13	586,464	75,561,623	132,689	19,578,260	148,194	19,076,728	274,539	33,162,261	29,810	3,553,444	1,233	190,930
Cheu Product	Nov-13	172,374	24,630,331	132,187	19,347,106	35,554	4,633,037	3,431	477,915	(1)	409	1,203	171,864
Residue	Nov-13	279,703	33,516,409	0	1,545	6,092	836,712	249,390	29,731,272	24,222	2,945,642	0	1,238
Cold Box Vent	Nov-13	98,531	12,932,634	69	86,924	89,506	11,470,640	8,951	1,314,177	0	135	4	60,757
Flare/Boot Strap	Nov-13	98,531	3,448,883	69	47,703	89,506	2,725,642	8,951	576,346	0	93,600	4	5,591
Fuel From Cheu	Nov-13	7,097	1,019,423	4	267	184	30,696	5,723	827,780	1,186	160,680	0	0
Shrinkage/Loss	Nov-13	4,403	338,478	0	0	0	0	0	0	4,403	338,478	0	0
Unaccounted*	Nov-13	24,356	2,144,121	429	86,321	16,857	1,731,086	7,043	322,904	(0)	1,085	26	2,727

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	8,674,192	2,025,651
net acceptances +	0	0
redeliveries	0	(133,735)
In Kind Transfers	(26,673)	26,673
Conservation Crude Sales	(26,040)	26,040
Gain/loss	(450)	
Ending Inventory	8,621,028	1,944,629
Total Helium in Reservoir	13,001,257	
Total Helium in Storage	10,565,657	
Helium in native gas	2,435,599	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	28,270	21,113	74.68%
Measured to Pipeline (Private Plants)	47,268	30,392	64.30%
Measured from Pipeline (Private Plant:	220,579	164,028	74.36%
HEU Production	172,374	132,187	76.69%
Injection	0	0	00.00%
Production	0	0	
Ending Inventory	25,897	19,214	74.19%
Gain/Loss	(1,436)	(450)	

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

November - 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									
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									
Global Gases America, Contract no. INC13-0116									
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	28,811	9,230	63	27	14,760	44,702	97,593	96,088	\$6,507,822
Cumulative	1,725,546	106,682	407	271,538	416,942	573,966	3,095,081	3,047,125	\$170,177,300
In Kind Transfers							Month	FYTD	CYTD Cumulative
Transferred							26,673	30,042	129,402 3,046,485
Volume outstanding							715		

* 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

November - 2013

Helium & Natural Gas Sales

	Award Volume*	Outstanding*	Sales*	Charges Billed (\$)***	
Conservation Helium				(billed quarterly)	
<u>Air Liquide Helium America, Inc.</u>					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	270,550		270,550		\$18,831,450
<u>Air Products, L.P.</u>					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	7,049,395		7,049,395		\$461,053,039
<u>Linde Gas North America, LLC</u>					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	5,465,710		5,465,710		\$346,658,088
<u>Keyes Helium Co., LLC</u>					
Month	0	0	0		\$0
FYTD	0	0	26,040		\$2,187,360
Cumulative	890,740		890,740		\$57,143,863
<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	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	4,370,905		4,370,905		\$295,814,511
<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
<u>Global Gases America</u>					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	6,300		6,300		\$529,200
Total month	0	0	0		\$0
Total FYTD	0	0	26,040		\$2,187,360
Total CYTD	1,575,000		1,575,000		\$132,300,000
Cumulative	18,263,600		18,263,600		\$1,191,652,650
Conservation Crude Transfers		Month	FYTD	CYTD	Cumulative
Transferred		26,040	344,610	2,100,000	18,263,600
Volume outstanding		0			

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas/Liquid Sales

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	Avg Btu Value	Charges Billed (\$)***
<u>El Paso Natural Gas</u>					(billed monthly)
Month	277,419	---	305,238	1,100	(\$27,997)
FYTD	564,836	---	621,061	1,100	(\$55,994)
Cumulative	32,872,525	---	36,113,188	1,099	(\$3,630,592)
<u>Minerals Management Service</u>					
Cumulative	---	---	---	---	(\$179,913)
<u>Tenaska</u>					
Month	---	---	305,900	\$3.307689	\$1,011,822
FYTD	---	---	622,800	\$3.370012	\$2,098,844
Cumulative	---	---	35,854,696	\$4.875952	\$173,999,230
<u>Sandstone</u>					
Month	---	93,339	9,878	\$12.322290	\$121,720
FYTD	---	199,791	21,256	\$12.526033	\$266,253
Cumulative	---	9,749,369	1,039,927	\$12.397064	\$12,892,041
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$\$ Per Unit (\$\$/Dth)	Total (\$\$)
Total month	277,419	93,339	315,778	\$3.501018	\$1,105,545
Total FYTD	564,836	199,791	644,056	\$3.585252	\$2,309,103
Total CYTD	3,005,822	1,131,491	3,398,745	\$3.669794	\$12,472,695
Cumulative	32,872,525	9,749,369	36,894,623	\$4.984664	\$183,080,766

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

***Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

November - 2013

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$46,901	\$2,125,344
Natural Gas Royalties (1)	\$0	\$0
Natural Gas Rentals	\$0	\$0
Other	\$31,522	\$63,185
Revenue Collected from Federal Lease Holds	\$46,760	\$2,156,866

*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	5	20
Total Number of Other Samples Analyzed (2)	19	39

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

November - 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	47,268	64.1%	30,293	67,854	383,492	30,770,522	78,318	51,694,077	1,944,629			
Crude Disposed	220,579	74.4%	164,028	341,420	1,996,938	48,014,847	25,605	31,026,405			\$299,492	Storage Fees
Grade-A Rdlvrd	0		0	0	0	1,478,718					<u>\$226,192</u>	RMF Fees
Net/Balance	(173,311)		(133,735)	(273,566)	(1,613,446)	(18,723,043)	52,713	20,667,672			\$525,684	\$748,632
Total Prior Contracts (TERMINATED)												
Crude Acquired				0	0	17,406,129	0	18,196,898	0			
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						
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	8,674,192
Crude Disposed: In Kind Sales transferred for the month	(26,673)
Conservation Crude Sales/Reserve Sell Down transferred (month)	(26,040)
Gains and Losses for the month	(450)
Net/Balance of Purchased Helium Remaining for Sale	8,621,028

Includes In Kind and Conservation Crude transfers from Government storage**Rounded to nearest dollar*

Table 8 - Compression & CHEU (Charges & Operations) November - 2013

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$3.31	\$4.28	\$5.15
Fuel used * (now includes field compression well head)	total MMBTU	10,250	20,262	1,432,216
Field Compression Fuel Cost *	\$dollars	\$0	\$0	\$654,398
CHEU Compression Fuel Cost *	\$dollars	\$15,431	\$32,468	\$3,808,005
CHEU Process Fuel Cost *	\$dollars	\$11,724	\$23,722	\$2,555,862
Rental compressor(s) fuel consumed (well head)	\$dollars	\$6,772	\$12,075	\$138,425
Rental Compressor(s) helium in fuel (Mcf x \$\$)	\$dollars	\$8,652	\$18,396	\$214,186
Rental compressor(s) helium in fuel (Mcf)	Mcf	103	219	2625
#1 Compressor run time *	hours	721	1,454	83,713
#2 Compressor run time *	hours	0	482	52,509
#3 Compressor run time *	hours	720	1,013	47,687

* Field/CHEU Compressor Operations based on Nov 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)	(\$60,945)	(\$121,889)	(\$9,918,183)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$16,364	\$32,729	\$2,469,552
Net Total - Cliffside Refiners, LP	(\$44,580)	(\$89,161)	(\$7,448,631)

* BLM provided fuel cost is based on Oct 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	721	100.1%	1,465	100.1%	88,751
Producing residue gas	721	100.1%	1,465	100.1%	87,788
Producing helium product	721	100.1%	1,465	100.1%	84,844
Producing natural gas liquids	702	97.5%	1,446	98.7%	83,349

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservior Management Fees (RMF)	\$226,192	\$466,970	\$25,782,374
Total operating costs	(\$913,671)	(\$1,806,564)	(\$108,824,261)
Labor	\$133,564	\$267,127	\$10,518,450
Compressor fuel cost Oct 13	\$17,037	\$33,984	\$3,843,390
HEU fuel cost Oct 13	\$11,998	\$22,820	\$2,588,965
Electrical power cost Oct 13	\$161,565	\$303,444	\$16,317,875
Other	\$87,648	\$175,471	\$10,707,367
Sub Total - Items provided by BLM	\$411,812	\$802,846	\$47,185,402
Total - Cliffside Refiners, LP, GDA030001	(\$501,859)	(\$1,003,718)	(\$61,638,860)

***Rounded to nearest dollar**

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Nov 13	3,064	6,090	449,399
Cheu Pure Water Usage (gallons) Nov 13	826	982	268,345
Electricity Metered (Kwh) consumed Oct 13	2,944,469	5,442,597	38,997,290