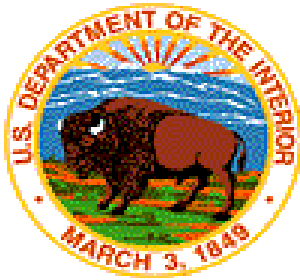
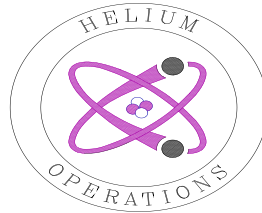


Bureau of Land Management

Amarillo Field Office Helium Operations



Statistical Report for August - 2012



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: Nelson R. Bullard

Issued: May 23, 2013

*** Revised ***

"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: October 22, 2012

Table 1 - Summary of Helium Operations

August - 2012

Helium Enrichment Unit Operations

Gas Processed

	Month			Gross FYTD	Net FYTD
	Gross Volume	Net Helium	Average Percent		
Measured Plant Feed (Mcf*)	709,367	181,428	25.58%	7,348,902	1,987,935
Helium Product (Mcf*)	230,354	180,689	78.44%	2,499,848	1,975,851
Residue Natural Gas (Mcf*)	315,688	0	00.00%	3,184,799	1

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas & Liquids Produced

Gas Processed

	Month	FYTD
Natural Gas Sales (Mcf***)	316,301	3,157,682
NGL Sales (gallons)	106,770	1,143,648

*** 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Total Withdrawn (Mcf*)	709,814	182,421	25.70%	7,344,826	1,989,470
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	1,575,000	1,050,000	15,638,600
Conservation Crude Sale Volume Transferred (Mcf*)	0	0	2,100,000	1,500,000	15,638,600
Conservation Helium in Storage (EOM) (Mcf*)		11,448,729			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred (Mcf*)	36,431	153,293	111,167	2,870,023
Sale Volumes Outstanding (Mcf*)	579			

* 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*)	44,993	30,176	67.07%	334,329
Crude Disposed (Mcf*)	269,821	207,397	76.86%	2,278,657
Net Balance (Mcf*)	(224,828)	(177,221)		(1,944,328)
Balance of Stored Helium End Of Month (Mcf*)		1,463,490		

* Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))

	Month	FYTD
Storage Fees Billed (\$)	\$296,691	\$3,830,161
Reservoir Management Fees Billed (\$)	\$222,089	\$2,574,707

Field Compressor Charges (Charges Billed (\$))

	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$59,706)	(\$656,765)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$16,462	\$181,086
Net-Total (Funded by the Refiners for compression costs.)	(\$43,244)	(\$475,679)

Enrichment Unit Charges (Charges Billed (\$))

	Month	FYTD
Reservoir Management Fees (RMF)	\$222,089	\$2,574,707
Total operating costs	(\$855,288)	(\$9,392,331)
Sub Total - Items provided by BLM	\$352,730	\$3,864,194
Total - Cliffside Refiners, LP, GDA030001	(\$502,558)	(\$5,528,137)

Conservation Helium - Natural Gas - Liquid Sales

(Charges Billed (\$))

	Month	FYTD
Conservation Crude Helium Sales	\$0	\$119,306,250
In Kind Sales	\$0	\$7,256,566
Natural Gas & Liquid Sales	\$1,028,162	\$9,914,205

Helium Resources Evaluation

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$790,772	\$10,404,018
Helium Sample Collection Report for month	Submitted - 0	Received - 0
	Analyzed - 27	

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

August - 2012

		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		709,814	201,734,932	182,421	37,244,445	177,996	49,631,119	310,315	102,869,505	33,021	10,316,509	6,061	1,673,354
BIVINS A-3	Aug-12	31,371	10,721,777	16,418	3,428,446	7,840	2,712,118	6,237	4,107,545	668	401,618	208	72,049
BIVINS A-6	Aug-12	67,522	9,812,355	42,832	5,838,455	16,830	2,409,340	6,725	1,390,643	655	132,738	480	41,180
BIVINS A-13	Aug-12	46,890	6,726,128	18,548	3,820,810	11,657	1,739,231	14,670	1,020,069	1,667	110,280	347	35,737
BIVINS A-14	Aug-12	54,097	7,399,663	24,537	4,683,932	13,468	1,881,151	14,127	721,334	1,533	75,477	433	37,769
BIVINS A-4	Aug-12	43,331	12,048,438	8,290	2,187,392	10,565	2,920,810	21,751	6,214,621	2,306	620,168	418	105,448
BUSH A-2	Aug-12	50,059	11,229,447	7,431	1,726,666	12,618	2,744,300	26,717	6,051,065	2,944	611,133	350	96,282
Injection	Aug-12	0	66,240,889	0	47,846,276	0	17,067,782	0	775,688	0	23	0	551,121
inj Bivins A-3	Aug-12	0	(25,652,315)	0	(18,384,452)	0	(6,554,549)	0	(332,777)	0	0	0	(380,537)
inj Bivins A-6	Aug-12	0	(24,201,365)	0	(17,514,139)	0	(6,437,517)	0	(138,222)	0	(12)	0	(111,475)
inj Bivins A-13	Aug-12	0	(6,490,417)	0	(4,706,191)	0	(1,656,853)	0	(122,391)	0	(2)	0	(4,980)
inj Bivins A-14	Aug-12	0	(6,501,333)	0	(4,767,421)	0	(1,602,106)	0	(126,303)	0	(7)	0	(5,497)
inj Bivins A-4	Aug-12	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Aug-12	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Aug-12	0	1,217,868	0	897,578	0	261,663	0	47,122	0	3,172	0	8,333
BIVINS A-1	Aug-12	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Aug-12	29,980	13,166,382	1,505	1,848,513	7,089	3,233,799	19,103	7,256,020	1,998	719,865	285	108,185
BIVINS A-5	Aug-12	39,397	14,876,691	8,112	1,826,594	10,046	3,636,790	18,886	8,439,692	2,049	843,869	303	129,747
BIVINS A-7	Aug-12	32,712	10,931,729	10,598	2,508,809	8,525	2,746,071	12,028	5,082,548	1,344	514,364	218	79,938
BIVINS A-9	Aug-12	26,501	9,502,135	554	178,903	6,869	2,326,526	17,061	6,277,395	1,807	631,694	210	87,617
BIVINS A-11	Aug-12	26,392	5,587,798	734	114,208	6,770	1,383,844	16,855	3,662,579	1,790	374,473	243	52,694
BIVINS A-15	Aug-12	28,667	8,532,398	512	408,052	6,782	2,035,570	19,082	5,457,784	1,956	544,720	335	86,272
BIVINS B-1	Aug-12	27,645	6,742,423	784	268,970	6,781	1,632,234	17,930	4,334,585	1,858	440,418	291	66,217
BIVINS B-2	Aug-12	30,820	5,456,065	587	102,580	7,892	1,361,127	19,756	3,554,936	2,074	364,348	511	73,073
BUSH A-1	Aug-12	0	5,721,962	0	104,140	0	1,356,677	0	3,830,281	0	374,216	0	56,647
BUSH A-3	Aug-12	42,756	10,808,401	17,393	2,396,280	10,948	2,663,235	12,646	5,138,030	1,414	515,833	355	95,023
BUSH A-4	Aug-12	30,415	7,844,937	5,258	1,476,847	7,793	1,957,987	15,676	3,951,958	1,475	400,626	213	57,519
BUSH A-5	Aug-12	55,339	14,784,908	16,929	3,291,285	14,150	3,703,811	21,552	6,981,272	2,387	703,887	321	104,653
BUSH A-8	Aug-12	17,252	3,602,375	319	66,042	4,291	867,975	11,212	2,385,561	1,165	239,740	264	43,056
BUSH A-9	Aug-12	12,116	3,792,547	621	101,457	3,104	913,506	7,505	2,494,854	821	248,786	65	33,943
BUSH A-11	Aug-12	16,180	4,179,573	450	123,990	3,886	999,519	10,551	2,731,789	1,085	276,999	207	47,275
BUSH B-1	Aug-12	278	3,190,210	5	59,919	68	756,734	184	2,132,627	20	209,651	2	31,278
FUQUA A-1	Aug-12	0	2,954,094	0	53,854	0	702,797	0	1,975,172	0	193,572	0	28,699
FUQUA A-2	Aug-12	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Aug-12	95	9,303,772	2	577,002	25	2,277,652	61	5,790,271	7	583,692	0	75,155
TT Fuel	Aug-12	278	0	5	0	68	0	184	0	20	0	2	0
field-wide pcts				25.70%	18.46%	25.08%	24.60%	43.72%	50.99%	4.65%	5.11%	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 Aug-12

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 - 11	64.030	17.490
Injection 2003 - 11	(1.189)	(0.985)
Produced to Date 2012	5.326	1.407
Injected to Date 2012	(0.000)	(0.000)
Amount of Raw Gas Available to CHEU	112.397	====> 15.342 total helium in reservoir
Estimated Bottom Hole Pressure	413.844	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

August - 2012

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	Aug-12	709,367	66,888,457	181,428	17,238,912	177,421	16,790,870	311,414	29,185,805	33,041	3,108,729	6,063	564,141
Calculated Feed	Aug-12	708,457	66,561,182	182,342	17,237,724	177,645	16,709,690	309,486	28,955,403	32,930	3,096,365	6,054	562,000
Feed to Box	Aug-12	704,123	66,168,703	182,342	17,237,903	177,645	16,709,772	309,486	28,955,449	32,930	3,096,372	1,720	169,207
Cheu Product	Aug-12	230,354	21,640,471	180,689	17,017,699	43,543	4,051,971	4,494	419,712	0	396	1,629	150,693
Residue	Aug-12	315,688	29,202,662	0	1,477	8,313	734,982	280,096	25,890,358	27,279	2,574,607	0	1,238
Cold Box Vent	Aug-12	111,867	11,387,835	297	85,613	103,315	10,051,342	8,222	1,190,235	0	136	34	60,509
Flare/Boot Strap	Aug-12	111,867	1,904,084	297	46,392	103,315	1,306,344	8,222	452,404	0	93,600	34	5,342
Fuel From Cheu	Aug-12	7,766	905,686	0	245	249	27,323	6,381	735,001	1,136	143,117	0	0
Shrinkage/Loss	Aug-12	4,132	272,348	0	0	0	0	0	0	4,132	272,348	0	0
Unaccounted*	Aug-12	27,454	1,819,089	749	78,833	19,686	1,483,695	6,995	253,032	(0)	1,084	24	2,444

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	11,485,945	1,604,280
net acceptances +	0	0
redeliveries	0	(177,221)
In Kind Transfers	(36,431)	36,431
Conservation Crude Sales	0	0
Gain/loss	(784)	
Ending Inventory	11,448,729	1,463,490
Total Helium in Reservoir	15,342,243	
Total Helium in Storage	12,912,219	
Helium in native gas	2,430,023	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	41,094	31,601	76.90%
Measured to Pipeline (Private Plants)	44,993	30,312	67.37%
Measured from Pipeline (Private Plant:	269,821	207,397	76.86%
HEU Production	230,354	180,689	78.44%
Injection	0	0	00.00%
Production	0	0	
Ending Inventory	44,850	34,421	76.75%
Gain/Loss	(1,771)	(784)	

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

August - 2012

	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	36,404	7,093	45	935	19,870	48,624	112,971	111,226	\$7,256,566
Total CYTD	23,171	4,842	45	89	10,737	35,188	74,072	72,930	\$4,776,900
Cumulative	1,663,474	92,998	309	271,480	392,357	495,096	2,915,716	2,870,527	\$158,396,073
In Kind Transfers							Month	FYTD	CYTD Cumulative
Transferred							36,431	153,293	111,167 2,870,023
Volume outstanding							579		

* 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

August - 2012

Helium & Natural Gas Sales

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	264,250			264,250		\$18,302,250
<u>Air Products, L.P.</u>						
Month	0	0	0			\$0
FYTD	661,005	185,535	475,470			\$36,016,853
Cumulative	6,310,405		6,124,870			\$384,923,603
<u>Linde Gas North America, LLC</u>						
Month	0	0	0			\$0
FYTD	602,370	136,185	466,185			\$35,313,514
Cumulative	4,924,120		4,787,935			\$290,848,514
<u>Keyes Helium Co., LLC</u>						
Month	0	0	0			\$0
FYTD	80,230	27,615	52,615			\$3,985,586
Cumulative	783,430		755,815			\$46,037,986
<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	756,395	175,665	580,730			\$43,990,298
Cumulative	3,671,395		3,495,730			\$223,749,048
<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	0	0	0			\$0
Total FYTD	2,100,000	525,000	1,575,000			\$119,306,250
Total CYTD	1,575,000		1,050,000			\$79,537,500
Cumulative	16,163,600		15,638,600			\$975,483,900
Conservation Crude Transfers			Month	FYTD	CYTD	Cumulative
Transferred			0	2,100,000	1,500,000	15,638,600
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>					
		Provides Measured Firm/Interruptible Transportation Services			(billed monthly)
Month	316,301	---	346,276	1,095	(\$28,123)
FYTD	3,157,682	---	3,453,758	1,094	(\$327,208)
Cumulative	28,626,400	---	31,454,139	1,099	(\$3,206,314)
<u>Minerals Management Service</u>					
Cumulative	---	---	---	---	(\$179,913)
<u>Tenaska</u>					
		Purchaser - Natural Gas		\$/Unit	
Month	---	---	346,788	\$2.624590	\$910,176
FYTD	---	---	3,419,141	\$2.515544	\$8,601,000
Cumulative	---	---	31,249,690	\$5.106708	\$158,756,503
<u>Sandstone</u>					
		Purchaser - Natural Gas Liquids			
Month	---	106,770	11,417	\$12.797461	\$146,109
FYTD	---	1,143,648	121,489	\$13.502565	\$1,640,413
Cumulative	---	8,163,445	870,993	\$12.313158	\$10,724,674
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$/Per Unit (\$/Dth)	Total (\$)
Total month	316,301	106,770	358,205	\$2.870318	\$1,028,162
Total FYTD	3,157,682	1,143,648	3,540,630	\$2.800125	\$9,914,205
Total CYTD	2,310,934	822,014	2,581,002	\$2.565102	\$6,620,534
Cumulative	28,626,400	8,163,445	32,120,683	\$5.196698	\$166,094,949

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

August - 2012

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$793,531	\$10,372,716
Natural Gas Royalties (1)	\$0	\$4,135
Natural Gas Rentals	\$0	\$0
Other	\$27,168	\$428,261
Revenue Collected from Federal Lease Holds	\$790,772	\$10,404,018

*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	98
Total Number of Samples Analyzed For Resources Division	0	129
Total Number of Other Samples Analyzed (2)	27	254

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	4,604,000		4,692,233
Estimated Helium Resources as of 12/31/2006(Mcf)			732,000,000

	FY-2010	CY-2010
U.S. Helium Exports (3)	2,663,848	2,767,536

(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

August - 2012

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	44,993	67.1%	30,176	334,329	239,343	30,250,382	60,086	48,406,135			
Crude Disposed	269,821	76.9%	207,397	2,278,657	1,609,493	45,174,384	23,655	30,539,925			
Grade-A Rdlvrd	0		0	0	0	1,478,718					
Net/Balance	(224,828)		(177,221)	(1,944,328)	(1,370,150)	(16,402,720)	36,431	17,866,210	1,463,490	\$518,781	\$6,404,868
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						11,485,945					
Crude Disposed: In Kind Sales transferred for the month						(36,431)					
Conservation Crude Sales/Reserve Sell Down transferred (month)						0					
Gains and Loses for the month						(784)					
Net/Balance of Purchased Helium Remaining for Sale						11,448,729					

*Includes In Kind and Conservation Crude transfers from Government storage

**Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations)

August - 2012

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$2.62	\$2.65	\$5.26
Fuel used * (now includes field compression well head)	total MMBTU	10,476	105,715	1,263,663
Field Compression Fuel Cost *	\$dollars	\$0	\$0	\$654,398
CHEU Compression Fuel Cost *	\$dollars	\$15,065	\$139,881	\$3,544,366
CHEU Process Fuel Cost *	\$dollars	\$9,063	\$83,625	\$2,381,218
Rental compressor(s) fuel consumed (well head)	\$dollars	\$3,320	\$14,810	\$16,896
Rental Compressor(s) helium in fuel (Mcf x \$\$)	\$dollars	\$6,666	\$41,588	\$43,739
Rental compressor(s) helium in fuel (Mcf)	Mcf	88	549	578
#1 Compressor run time *	hours	469	6,683	74,057
#2 Compressor run time *	hours	257	2,240	49,288
#3 Compressor run time *	hours	714	6,607	39,014

* Field/CHEU Compressor Operations based on Aug 12 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)	(\$59,706)	(\$656,765)	(\$9,067,254)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$16,462	\$181,086	\$2,269,878
Net Total - Cliffside Refiners, LP	(\$43,244)	(\$475,679)	(\$6,797,377)

* BLM provided fuel cost is based on Jul 12 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	741	99.6%	7,893	97.9%	77,906
Producing residue gas	722	97.0%	7,759	96.2%	77,009
Producing helium product	715	96.1%	7,752	96.1%	74,101
Producing natural gas liquids	722	97.1%	7,721	95.7%	72,605

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$222,089	\$2,574,707	\$22,601,707
Total operating costs	(\$855,288)	(\$9,392,331)	(\$96,389,365)
Labor	\$116,095	\$1,277,049	\$9,040,166
Compressor fuel cost Jul 12	\$12,450	\$145,685	\$3,580,116
HEU fuel cost Jul 12	\$7,371	\$86,337	\$2,416,982
Electrical power cost Jul 12	\$133,618	\$1,457,815	\$14,460,025
Other	\$83,196	\$897,309	\$9,474,362
Sub Total - Items provided by BLM	\$352,730	\$3,864,194	\$42,181,005
Total - Cliffside Refiners, LP, GDA030001	(\$502,558)	(\$5,528,137)	(\$54,208,360)

***Rounded to nearest dollar**

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Aug 12	3,034	32,432	403,767
Cheu Pure Water Usage (gallons) Aug 12	1,705	11,813	255,298
Electricity Metered (Kwh) consumed Jul 12	2,871,699	31,440,382	263,782,704