

Bureau of Land Management

Amarillo Field Office

Helium Operations



Statistical Report
for
September - 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
-Natural Gas Engineering

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Amarillo, Texas

Issued: February 21, 2014

** Revised **

***Tables include COMPANY PROPRIETARY INFORMATION (shaded) and is for internal use only.
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"Please Note: Data in this report is accurate as of print date; however all data is subject to change."

Approved for distribution: David V. Reeves /s/

Date: 2/21/2014

Table 1 - Summary of Helium Operations

September - 2013

Helium Enrichment Unit Operations

Gas Processed	Month			Gross FYTD	Net FYTD
	Gross Volume	Net Helium	Average Percent		
Measured Plant Feed (Mcf*)	593,924	141,239	23.78%	7,601,381	1,912,869
Helium Product (Mcf*)	172,864	133,858	77.44%	2,404,132	1,874,570
Residue Natural Gas (Mcf*)	267,372	0	00.00%	3,426,869	68

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas & Liquids Produced

Gas Processed	Month	FYTD
Natural Gas Sales (Mcf***)	266,967	3,368,647
NGL Sales (gallons)	99,317	1,272,628

*** 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Total Withdrawn (Mcf*)	567,903	134,403	23.67%	7,560,574	1,884,249
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*)		318,570	2,073,960	1,548,960	18,237,560
Conservation Crude Sale Volume Transferred (Mcf*)	318,570	365,925	2,280,390	1,755,390	17,918,990
Conservation Helium in Storage (EOM) (Mcf*)		8,997,326			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred (Mcf*)	3,451	146,316	99,360	3,016,443
Sale Volumes Outstanding (Mcf*)	30,757			

* 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*)	57,467	38,384	66.79%	423,671
Crude Disposed (Mcf*)	238,326	178,784	75.02%	2,283,750
Net Balance (Mcf*)	(180,859)	(140,400)		(1,860,079)
Balance of Stored Helium End Of Month (Mcf*)		1,843,543		

* Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))	Month	FYTD
Storage Fees Billed (\$)	\$2,308	\$2,980,227
Reservoir Management Fees Billed (\$)	\$190,812	\$2,480,132

Field Compressor Charges (Charges Billed (\$))

	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$55,778)	(\$669,333)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$12,540	\$150,483
Net-Total (Funded by the Refiners for compression costs.)	(\$43,238)	(\$518,850)

Enrichment Unit Charges (Charges Billed (\$))

	Month	FYTD
Reservoir Management Fees (RMF)	\$190,812	\$2,480,132
Total operating costs	(\$826,389)	(\$9,789,088)
Sub Total - Items provided by BLM	\$332,703	\$3,864,864
Total - Cliffside Refiners, LP, GDA030001	(\$493,685)	(\$5,924,224)

Conservation Helium - Natural Gas - Liquid Sales (Charges Billed (\$))

	Month	FYTD
Conservation Crude Helium Sales	\$26,759,880	\$174,212,640
In Kind Sales	\$2,051,538	\$8,705,609
Natural Gas & Liquid Sales	\$1,084,645	\$13,685,336

Helium Resources Evaluation

			Month	FYTD
Revenue Collected from Federal Lease Holds			\$40,289	\$11,705,126
Helium Sample Collection Report for month	Submitted - 0	Received - 0	Analyzed - 17	

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

September - 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		567,903	209,992,588	134,403	39,310,203	142,809	51,698,090	257,788	106,525,692	27,936	10,713,831	4,967	1,744,772
BIVINS A-3	Sep-13	4,600	10,951,590	2,052	3,544,467	1,160	2,769,745	1,219	4,156,784	137	407,007	31	73,588
BIVINS A-6	Sep-13	53,364	10,596,748	30,835	6,312,025	13,578	2,601,977	7,757	1,488,827	804	146,710	390	47,209
BIVINS A-13	Sep-13	50,019	7,397,337	18,459	4,074,719	12,633	1,907,613	16,608	1,238,951	1,942	135,305	376	40,749
BIVINS A-14	Sep-13	65,110	8,211,329	25,764	5,028,692	16,443	2,084,946	20,092	952,358	2,264	100,888	548	44,445
BIVINS A-4	Sep-13	34,496	12,540,349	5,223	2,271,768	8,316	3,040,127	18,632	6,470,825	1,979	647,355	346	110,275
BUSH A-2	Sep-13	47,066	11,897,588	6,097	1,812,378	11,783	2,910,710	25,958	6,421,417	2,899	651,887	329	101,197
Injection	Sep-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	Sep-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	Sep-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	Sep-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	Sep-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	Sep-13	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Sep-13	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Sep-13	0	1,217,868	0	897,578	0	261,663	0	47,122	0	3,172	0	8,333
BIVINS A-1	Sep-13	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Sep-13	17,550	13,447,290	533	1,861,526	4,225	3,300,124	11,422	7,435,976	1,191	738,746	179	110,917
BIVINS A-5	Sep-13	31,591	15,339,691	5,884	1,917,625	8,021	3,754,615	15,726	8,665,659	1,717	868,477	243	133,316
BIVINS A-7	Sep-13	23,604	11,279,807	7,479	2,620,551	6,119	2,836,498	8,848	5,211,616	999	528,879	158	82,264
BIVINS A-9	Sep-13	18,043	9,736,191	380	183,818	4,675	2,387,178	11,617	6,428,069	1,227	647,639	144	89,487
BIVINS A-11	Sep-13	25,522	5,927,177	734	123,821	6,540	1,470,862	16,284	3,879,188	1,726	397,465	237	55,841
BIVINS A-15	Sep-13	24,863	8,875,410	435	414,097	5,873	2,116,662	16,569	5,686,234	1,691	568,103	294	90,313
BIVINS B-1	Sep-13	24,863	7,085,124	613	277,991	6,067	1,716,076	16,216	4,557,517	1,693	463,615	274	69,924
BIVINS B-2	Sep-13	30,730	5,862,238	585	110,316	7,862	1,465,097	19,705	3,815,306	2,063	391,680	516	79,837
BUSH A-1	Sep-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	Sep-13	34,515	11,311,597	12,450	2,589,069	8,771	2,791,613	11,696	5,297,973	1,311	533,750	287	99,192
BUSH A-4	Sep-13	18,323	8,144,767	2,515	1,523,599	4,670	2,034,649	9,950	4,109,521	1,082	417,720	106	59,279
BUSH A-5	Sep-13	46,986	15,460,009	14,050	3,496,387	11,955	3,876,033	18,627	7,245,641	2,081	733,353	273	108,594
BUSH A-8	Sep-13	13,041	3,775,559	241	69,082	3,247	911,275	8,473	2,498,686	877	250,924	203	45,592
BUSH A-9	Sep-13	162	3,859,871	8	104,983	40	930,659	101	2,536,534	11	253,392	1	34,304
BUSH A-11	Sep-13	207	4,278,530	5	126,602	49	1,023,268	136	2,796,438	14	283,663	3	48,558
BUSH B-1	Sep-13	3,249	3,215,738	60	60,389	780	762,895	2,152	2,149,513	228	211,446	29	31,494
FUQUA A-1	Sep-13	0	2,954,098	0	53,854	0	702,798	0	1,975,174	0	193,573	0	28,699
FUQUA A-2	Sep-13	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Sep-13	1	9,303,862	0	577,004	0	2,277,675	0	5,790,329	0	583,698	0	75,155
TT Fuel	Sep-13	0	0	0	0	0	0	0	0	0	0	0	0
field-wide pct's				23.67%	18.72%	25.15%	24.62%	45.39%	50.73%	4.92%	5.10%	0.87%	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 Sep-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	5.482	1.351
Injected to Date 2013	0.000	0.000
Amount of Raw Gas Available to CHEU	104.139	=====> 13.276 total helium in reservoir
Estimated Bottom Hole Pressure	383.465	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

September - 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	Sep-13	593,924	75,190,959	141,239	19,334,794	148,711	18,867,658	269,890	32,853,441	28,889	3,499,693	5,195	635,372
Calculated Feed	Sep-13	567,741	74,807,726	134,395	19,302,876	142,769	18,773,794	257,687	32,604,756	27,925	3,492,946	4,965	633,355
Feed to Box	Sep-13	564,027	74,363,057	134,395	19,303,055	142,769	18,773,876	257,687	32,604,801	27,925	3,492,953	1,251	188,372
Cheu Product	Sep-13	172,864	24,274,332	133,858	19,073,336	34,547	4,560,285	3,231	470,930	3	407	1,225	169,373
Residue	Sep-13	267,372	32,946,507	0	1,545	6,463	823,995	237,987	29,223,370	22,922	2,896,358	0	1,238
Cold Box Vent	Sep-13	93,737	12,732,110	66	86,784	85,928	11,287,979	7,740	1,296,466	(0)	135	3	60,746
Flare/Boot Strap	Sep-13	93,737	3,248,359	66	47,563	85,928	2,542,981	7,740	558,635	(0)	93,600	3	5,580
Fuel From Cheu	Sep-13	7,076	1,005,003	3	260	195	30,316	5,701	816,148	1,178	158,278	0	0
Shrinkage/Loss	Sep-13	3,768	329,674	0	0	0	0	0	0	3,768	329,674	0	0
Unaccounted*	Sep-13	18,137	2,095,205	384	85,032	14,844	1,696,742	2,886	309,674	0	1,085	24	2,671

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	9,366,705	1,614,567
net acceptances + redeliveries	0	0
In Kind Transfers	(3,451)	3,451
Conservation Crude Sales	(365,925)	365,925
Gain/loss	(3)	
Ending Inventory	8,997,326	1,843,543
Total Helium in Reservoir	13,276,485	
Total Helium in Storage	10,840,869	
Helium in native gas	2,435,616	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	36,278	27,092	74.68%
Measured to Pipeline (Private Plants)	57,467	38,388	66.80%
Measured from Pipeline (Private Plant)	238,326	178,784	75.02%
HEU Production	172,864	133,858	77.44%
Injection	0	0	00.00%
Production	0	0	
Ending Inventory	27,438	20,551	74.90%
Gain/Loss	(844)	(3)	

Tuck Trigg Reservoir Operations

Native Gas (Gross)	Month	Fiscal Year	Since Field
			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

September - 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	11,271	3,617	26	3	4,238	11,600	30,755	30,281	\$2,051,538	
Total FYTD	41,333	11,374	79	52	19,527	59,307	131,671	129,642	\$8,705,609	
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							3,451	146,316	99,360	3,016,443
Volume outstanding							30,757			

* 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
Helium & Natural Gas Sales

September - 2013

	Award Volume*	Outstanding*	Sales*	Charges Billed (\$)***	
				(billed quarterly)	
Conservation Helium					
Air Liquide Helium America, Inc.					
Month	0	0	0	\$0	
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	738,990	0	738,990	\$62,075,160	
Cumulative	7,049,395		7,049,395	\$461,053,039	
Linde Gas North America, LLC					
Month	0	(134,610)	134,610	\$11,307,240	
FYTD	541,590	0	541,590	\$45,493,560	
Cumulative	5,465,710		5,465,710	\$346,658,088	
Keyes Helium Co., LLC					
Month	0	0	0	\$0	
FYTD	107,310	26,040	81,270	\$6,826,680	
Cumulative	890,740		864,700	\$54,956,503	
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	0	0	\$0	
FYTD	699,510	0	699,510	\$58,758,840	
Cumulative	4,370,905		4,370,905	\$295,814,511	
Linde Gas, LLC discontinued 10 2008					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	200,000		200,000	\$11,035,000	
Global Gases America					
Month	0	0	0	\$0	
FYTD	6,300	0	6,300	\$529,200	
Cumulative	6,300		6,300	\$529,200	
Total month					
	0	(318,570)	318,570	\$26,759,880	
Total FYTD					
	2,100,000	26,040	2,073,960	\$174,212,640	
Total CYTD					
	1,575,000		1,548,960	\$130,112,640	
Cumulative					
	18,263,600		18,237,560	\$1,189,465,290	
Conservation Crude Transfers					
Transferred		Month	FYTD	CYTD	Cumulative
Volume outstanding		365,925	2,280,390	1,755,390	17,918,990
		318,570			

* 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)
EI Paso Natural Gas					
Provides Measured Firm/Interruptible Transportation Services					
Month	266,967	---	292,738	1,097	(\$27,997)
FYTD	3,368,647	---	3,695,826	1,097	(\$340,110)
Cumulative	32,307,689	---	35,492,127	1,099	(\$3,574,598)
Minerals Management Service					
No Longer Provides Natural Gas Marketing Services					
Cumulative	---	---	---	---	(\$179,913)
Tenaska					
Purchaser - Natural Gas					
Month	---	---	291,900	\$3.343661	\$976,015
FYTD	---	---	3,646,483	\$3.368207	\$12,282,109
Cumulative	---	---	35,231,896	\$4.902573	\$171,900,386
Sandstone					
Purchaser - Natural Gas Liquids					
Month	---	99,317	10,630	\$12.853051	\$136,628
FYTD	---	1,272,628	135,537	\$12.862449	\$1,743,338
Cumulative	---	9,549,578	1,018,671	\$12.394373	\$12,625,788
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$\$ Per Unit (\$\$/Dth)	Total (\$\$)
Total month	266,967	99,317	302,530	\$3.585249	\$1,084,645
Total FYTD	3,368,647	1,272,628	3,782,020	\$3.618526	\$13,685,336
Total CYTD	2,440,986	931,700	2,754,689	\$3.689561	\$10,163,592
Cumulative	32,307,689	9,549,578	36,250,567	\$5.009528	\$180,771,663

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

September - 2013

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$108,288	\$11,698,846
Natural Gas Royalties (1)	\$0	\$6,280
Natural Gas Rentals	\$0	\$0
Other	\$20,870	\$442,237
Revenue Collected from Federal Lease Holds	\$40,289	\$11,705,126

*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	45	125
Total Number of Samples Analyzed For Resources Division	45	138
Total Number of Other Samples Analyzed (2)	17	239

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

September - 2013

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
				FYTD	CYTD	Cumulative					
Total All Contracts*											
Crude Acquired	57,467	66.8%	38,384	423,671	315,638	30,702,668	412,828	51,269,157			
Crude Disposed	238,326	75.0%	178,784	2,283,750	1,655,518	47,673,427	43,452	30,976,137	\$2,308	Storage Fees	
Grade-A Rdlvrd	0		0	0	0	1,478,718			\$190,812	RMF Fees	
Net/Balance	(180,859)		(140,400)	(1,860,079)	(1,339,880)	(18,449,477)	369,376	20,293,020	1,843,543	\$193,120 \$5,460,359	
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	9,366,705
Crude Disposed: In Kind Sales transferred for the month	(3,451)
Conservation Crude Sales/Reserve Sell Down transferred (month)	(365,925)
Gains and Losses for the month	(3)
Net/Balance of Purchased Helium Remaining for Sale	8,997,326

*Includes In Kind and Conservation Crude transfers from Government storage

**Rounded to nearest dollar

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

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$3.34	\$4.37	\$5.16
Fuel used * (now includes field compression well head)	total MMBTU	10,432	138,420	1,411,954
Field Compression Fuel Cost *	\$dollars	\$0	\$0	\$654,398
CHEU Compression Fuel Cost *	\$dollars	\$16,947	\$216,782	\$3,775,537
CHEU Process Fuel Cost *	\$dollars	\$10,822	\$142,140	\$2,532,140
Rental compressor(s) fuel consumed (well head)	\$dollars	\$7,074	\$107,257	\$126,350
Rental Compressor(s) helium in fuel (Mcf x \$\$)	\$dollars	\$8,148	\$138,264	\$195,790
Rental compressor(s) helium in fuel (Mcf)	Mcf	97	1646	2406
#1 Compressor run time *	hours	516	7,482	82,259
#2 Compressor run time *	hours	196	2,739	52,027
#3 Compressor run time *	hours	709	6,940	46,674

* Field/CHEU Compressor Operations based on Sep 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)	(\$669,333)	(\$9,796,294)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$12,540	\$150,483	\$2,436,824
Net Total - Cliffside Refiners, LP	(\$43,238)	(\$518,850)	(\$7,359,470)

* BLM provided fuel cost is based on Aug 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	716	99.4%	8,660	98.9%	87,286
Producing residue gas	711	98.8%	8,594	98.1%	86,323
Producing helium product	710	98.6%	8,558	97.7%	83,379
Producing natural gas liquids	710	98.6%	8,578	97.9%	81,903

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cummulative
Reservoir Management Fees (RMF)	\$190,812	\$2,480,132	\$25,315,404
Total operating costs	(\$826,389)	(\$9,789,088)	(\$107,017,697)
Labor	\$91,255	\$1,095,062	\$10,251,323
Compressor fuel cost Aug 13	\$16,093	\$214,225	\$3,809,406
HEU fuel cost Aug 13	\$10,584	\$140,100	\$2,566,145
Electrical power cost Aug 13	\$143,186	\$1,444,916	\$16,014,431
Other	\$71,585	\$970,561	\$10,531,895
Sub Total - Items provided by BLM	\$332,703	\$3,864,864	\$46,382,555
Total - Cliffside Refiners, LP, GDA030001	(\$493,685)	(\$5,924,224)	(\$60,635,142)

*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
CheU Fuel Gas (Mcf) usage Sep 13	2,807	36,586	443,309
CheU Pure Water Usage (gallons) Sep 13	317	9,771	267,363
Electricity Metered (Kwh) consumed Aug 13	2,555,999	33,554,693	33,554,693