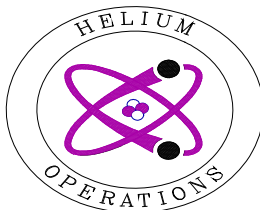
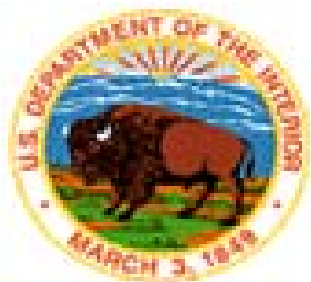


Bureau of Land Management

Amarillo Field Office

Helium Operations

Statistical Report
for
March - 2014



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: David V. Reeves

Issued: September 19, 2014

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

Brent Gage (Acting)

Date: **September 17, 2014**

Table 1 - Summary of Helium Operations

March - 2014

Helium Enrichment Unit Operations

Gas Processed

	Month			Gross FYTD	Net FYTD
	Gross Volume	Net Helium	Average Percent		
Measured Plant Feed (Mcf*)	469,160	95,457	20.35%	3,412,379	745,434
Helium Product (Mcf*)	123,076	93,034	75.59%	961,927	733,760
Residue Natural Gas (Mcf*)	223,658	1	0.00%	1,644,535	1

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas & Liquids Produced

Gas Processed

	Month	FYTD
Natural Gas Sales (Mcf****)	258,545	1,670,740
NGL Sales (gallons)	82,024	586,918

*** 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Total Withdrawn (Mcf*)	469,748	95,084	20.24%	3,415,858	739,916
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	290,442	268,402	18,532,002
Conservation Crude Sale Volume Transferred (Mcf*)	0	185,202	613,012	268,402	18,532,002
Conservation Helium in Storage (EOM) (Mcf*)		8,317,543			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred (Mcf*)	228	61,454	31,412	3,077,897
Sale Volumes Outstanding (Mcf*)	28,596			

* 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*)	54,388	36,015	66.22%	203,784
Crude Disposed (Mcf*)	165,200	120,897	73.18%	929,661
Net Balance (Mcf*)	(110,812)	(84,882)		(725,877)
Balance of Stored Helium End Of Month (Mcf*)		1,792,132		

* Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))

	Month	FYTD
Storage Fees Billed (\$)	\$294,527	\$1,462,428
Reservoir Management Fees Billed (\$)	\$151,161	\$1,247,146

Field Compressor Charges (Charges Billed (\$))

	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$60,945)	(\$365,668)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$16,364	\$98,186
Net-Total (Funded by the Refiners for compression costs.)	(\$44,580)	(\$267,482)

Enrichment Unit Charges (Charges Billed (\$))

	Month	FYTD
Reservoir Management Fees (RMF)	\$151,161	\$1,247,146
Total operating costs	(\$927,348)	(\$5,439,220)
Sub Total - Items provided by BLM	\$425,489	\$2,428,066
Total - Cliffside Refiners, LP, GDA030001	(\$501,859)	(\$3,011,154)

Conservation Helium - Natural Gas - Liquid Sales

(Charges Billed (\$))

	Month	FYTD
Conservation Crude Helium Sales	\$0	\$27,305,550
In Kind Sales	\$1,857,722	\$4,050,756
Natural Gas & Liquid Sales	\$1,437,116	\$8,961,864

Helium Resources Evaluation

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$2,579,155	\$7,435,528
Helium Sample Collection Report for month	Submitted - 0	Received - 0
	Analyzed - 13	

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

March - 2014

		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		469,748	213,408,446	95,084	40,050,119	117,576	52,554,123	228,221	108,140,286	24,606	10,888,431	4,262	1,775,488
BIVINS A-3	Mar-14	0	10,961,112	0	3,548,629	0	2,772,147	0	4,159,383	0	407,301	0	73,653
BIVINS A-6	Mar-14	40,140	10,889,550	22,085	6,476,586	10,212	2,676,492	6,831	1,535,545	717	151,568	294	49,359
BIVINS A-13	Mar-14	43,289	7,729,744	15,688	4,194,736	10,920	1,991,535	14,638	1,351,705	1,715	148,502	329	43,265
BIVINS A-14	Mar-14	38,509	8,569,041	14,472	5,165,799	9,710	2,175,238	12,579	1,066,737	1,418	113,783	330	47,485
BIVINS A-4	Mar-14	25,811	12,731,278	3,430	2,298,664	6,197	3,086,061	14,399	6,575,851	1,521	658,494	264	112,210
BUSH A-2	Mar-14	37,841	12,171,378	4,600	1,846,837	9,466	2,979,197	21,146	6,573,324	2,366	668,911	264	103,109
Injection	Mar-14	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-14	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-14	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-14	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-14	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-14	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Mar-14	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Mar-14	0	1,217,868	0	897,578	0	261,663	0	47,122	0	3,172	0	8,333
BIVINS A-1	Mar-14	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Mar-14	18,118	13,569,990	683	1,865,509	4,224	3,328,952	11,797	7,516,268	1,236	747,151	179	112,109
BIVINS A-5	Mar-14	23,085	15,512,021	4,112	1,948,941	5,860	3,798,361	11,666	8,752,166	1,269	877,910	178	134,644
BIVINS A-7	Mar-14	17,913	11,413,315	5,631	2,662,630	4,643	2,871,115	6,757	5,261,863	762	534,550	120	83,158
BIVINS A-9	Mar-14	19,810	9,857,357	420	186,374	5,128	2,418,560	12,755	6,506,079	1,346	655,882	160	90,463
BIVINS A-11	Mar-14	19,306	6,070,220	565	127,976	4,944	1,507,505	12,306	3,970,408	1,311	407,160	180	57,172
BIVINS A-15	Mar-14	30,871	9,054,957	540	417,231	7,294	2,159,075	20,574	5,805,879	2,095	580,322	368	92,450
BIVINS B-1	Mar-14	32,491	7,272,320	783	282,527	7,927	1,761,745	21,203	4,679,668	2,213	476,365	365	72,015
BIVINS B-2	Mar-14	26,563	6,046,317	509	113,820	6,791	1,512,181	17,023	3,933,312	1,790	404,062	449	82,941
BUSH A-1	Mar-14	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-14	24,806	11,500,861	8,424	2,654,927	6,296	2,839,673	8,890	5,364,332	989	541,160	208	100,768
BUSH A-4	Mar-14	16,295	8,249,527	2,057	1,537,274	4,150	2,061,345	9,013	4,167,051	980	423,967	95	59,890
BUSH A-5	Mar-14	36,604	15,712,455	10,712	3,570,666	9,324	3,940,275	14,713	7,346,785	1,641	744,658	215	110,071
BUSH A-8	Mar-14	11,189	3,852,102	208	70,501	2,789	930,340	7,263	2,548,397	753	256,075	176	46,789
BUSH A-9	Mar-14	1	3,860,915	0	105,037	0	930,915	0	2,537,187	0	253,463	0	34,312
BUSH A-11	Mar-14	6,080	4,362,139	148	128,632	1,453	1,043,257	3,986	2,851,234	412	289,347	81	49,668
BUSH B-1	Mar-14	1,027	3,223,192	19	60,527	247	764,685	679	2,154,449	73	211,970	9	31,561
FUQUA A-1	Mar-14	0	2,954,098	0	53,854	0	702,798	0	1,975,175	0	193,573	0	28,699
FUQUA A-2	Mar-14	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Mar-14	0	9,303,868	0	577,004	0	2,277,677	0	5,790,333	0	583,698	0	75,155
TT Fuel	Mar-14	110	0	2	0	26	0	73	0	8	0	1	0
field-wide pcts				20.24%	18.77%	25.03%	24.63%	48.58%	50.67%	5.24%	5.10%	0.91%	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-14

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 - 13	79.431	21.371
Injection 2003 - 13	(1.189)	(0.985)
Produced to Date 2014	1.598	0.331
Injected to Date 2014	0.000	0.000
Amount of Raw Gas Available to CHEU	100.724	====> 12.537 total helium in reservoir
Estimated Bottom Hole Pressure	370.901	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 - 2014

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-14	469,160	78,603,338	95,457	20,080,228	116,940	19,723,167	228,058	34,461,726	24,442	3,672,161	4,263	666,056
Calculated Feed	Mar-14	469,858	78,223,249	95,086	20,042,772	117,602	19,629,744	228,293	34,219,144	24,614	3,667,522	4,263	664,068
Feed to Box	Mar-14	466,474	77,754,745	95,086	20,042,950	117,602	19,629,826	228,293	34,219,190	24,614	3,667,529	879	195,250
Cheu Product	Mar-14	123,076	25,236,259	93,034	19,807,096	26,630	4,762,271	2,574	490,452	2	417	836	176,023
Residue	Mar-14	223,658	34,591,042	1	1,546	5,019	859,971	199,238	30,689,477	19,400	3,038,810	0	1,238
Cold Box Vent	Mar-14	77,086	13,302,946	66	87,195	69,152	11,804,781	7,854	1,350,026	0	135	14	60,809
Flare/Boot Strap	Mar-14	77,086	3,819,195	66	47,974	69,152	3,059,783	7,854	612,195	0	93,600	14	5,643
Fuel From Cheu	Mar-14	6,406	1,047,908	3	280	166	31,450	5,167	850,759	1,070	165,419	0	0
Shrinkage/Loss	Mar-14	3,381	353,888	0	0	0	0	0	0	3,381	353,888	0	0
Unaccounted*	Mar-14	20,734	2,230,342	1,145	89,898	13,519	1,793,680	6,050	342,852	(0)	1,085	20	2,828

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	8,503,978	1,691,584
net acceptances +	0	0
redeliveries	0	(84,882)
In Kind Transfers	(228)	228
Conservation Crude Sales	(185,202)	185,202
Gain/loss	(1,004)	
Ending Inventory	8,317,543	1,792,132
Total Helium in Reservoir	12,536,577	
Total Helium in Storage	10,109,675	
Helium in native gas	2,426,902	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	22,440	16,400	73.08%
Measured to Pipeline (Private Plants)	54,388	36,094	66.36%
Measured from Pipeline (Private Plant:	165,200	120,897	73.18%
HEU Production	123,076	93,034	75.59%
Injection	0	0	00.00%
Production	0	0	
Ending Inventory	32,379	23,626	72.96%
Gain/Loss	(2,325)	(1,004)	

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 - 2014

	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	8,796	5	4	19	125	18,393	27,343	26,924	\$1,857,722
Total FYTD	21,165	1,958	41	33	4,616	32,406	60,217	59,293	\$4,050,756
Total CYTD	8,796	5	4	19	125	18,393	27,343	26,924	\$1,857,722
Cumulative	1,746,711	108,640	448	271,570	421,558	606,372	3,155,298	3,106,418	\$174,228,056
In Kind Transfers							Month	FYTD	CYTD Cumulative
Transferred							228	61,454	31,412 3,077,897
Volume outstanding							28,596		

* 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 - 2014

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	10,667	5,333	5,334		\$506,730
Cumulative	281,217		275,884		\$19,338,180
<u>Air Products, L.P.</u>					
Month	0	0	0		\$0
FYTD	129,600	64,800	64,800		\$6,156,000
Cumulative	7,178,995		7,114,195		\$467,209,039
<u>Linde Gas North America, LLC</u>					
Month	0	0	0		\$0
FYTD	93,600	46,800	46,800		\$4,446,000
Cumulative	5,559,310		5,512,510		\$351,104,088
<u>Keyes Helium Co., LLC</u>					
Month	0	0	0		\$0
FYTD	14,400	0	40,440		\$3,555,360
Cumulative	905,140		905,140		\$58,511,863
<u>Matheson Tri-Gas, Inc.</u>					
Month	0	0	0		\$0
FYTD	8,000	0	0		\$0
Cumulative	18,000		14,000		\$967,500
<u>Praxair, Inc.</u>					
Month	0	0	0		\$0
FYTD	122,400	0	122,400		\$11,628,000
Cumulative	4,493,305		4,493,305		\$307,442,511
<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	10,667	5,333	5,334		\$506,730
Cumulative	16,967		11,634		\$1,035,930
<u>Airgas Merchant Gases</u>					
Month	0	0	0		\$0
FYTD	10,667	5,333	5,334		\$506,730
Cumulative	10,667		5,334		\$506,730
Total month	0	0	0		\$0
Total FYTD	400,001	127,599	290,442		\$27,305,550
Total CYTD	400,001		268,402		\$25,498,190
Cumulative	18,663,601		18,532,002		\$1,217,150,840
Conservation Crude Transfers		Month	FYTD	CYTD	Cumulative
Transferred		185,202	613,012	268,402	18,532,002
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	258,545	---	283,374	1,096	(\$27,997)
FYTD	1,670,740	---	1,833,433	1,097	(\$167,982)
Cumulative	33,978,429	---	37,325,560	1,099	(\$3,742,580)
<u>Minerals Management Service</u>					
Cumulative	---	---	---	---	(\$179,913)
<u>Tenaska</u>					
		Purchaser - Natural Gas		\$/Unit	
Month	---	---	251,800	\$5.372053	\$1,352,683
FYTD	---	---	1,799,200	\$4.616829	\$8,306,599
Cumulative	---	---	37,031,096	\$4.888690	\$180,206,985
<u>Sandstone</u>					
		Purchaser - Natural Gas Liquids			
Month	---	82,024	8,709	\$12.909646	\$112,430
FYTD	---	586,918	62,308	\$13.212541	\$823,247
Cumulative	---	10,136,496	1,080,979	\$12.441532	\$13,449,035
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$/Per Unit (\$/Dth)	Total (\$\$)
Total month	258,545	82,024	260,509	\$5.516570	\$1,437,116
Total FYTD	1,670,740	586,918	1,861,508	\$4.814303	\$8,961,864
Total CYTD	812,779	272,283	884,235	\$5.857077	\$5,179,032
Cumulative	33,978,429	10,136,496	38,112,075	\$4.999992	\$189,733,527

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

March - 2014

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$2,577,435	\$7,410,625
Natural Gas Royalties (1)	\$0	\$0
Natural Gas Rentals	\$0	\$0
Other	\$24,903	\$164,872
Revenue Collected from Federal Lease Holds	\$2,579,155	\$7,435,528

*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	0	22
Total Number of Other Samples Analyzed (2)	13	109

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 - 2014

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	54,388	66.2%	36,015	203,784	103,959	30,906,452	208,611	52,122,386			
Crude Disposed	165,200	73.2%	120,897	929,661	425,954	48,603,088	23,181	31,154,900			
Grade-A Rdlvrd	0		0	0	0	1,478,718					
Net/Balance	(110,812)		(84,882)	(725,877)	(321,995)	(19,175,354)	185,430	20,967,486	1,792,132	\$294,527	Storage Fees
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	8,503,978
Crude Disposed: In Kind Sales transferred for the month	(228)
Conservation Crude Sales/Reserve Sell Down transferred (month)	(185,202)
Gains and Losses for the month	(1,004)
Net/Balance of Purchased Helium Remaining for Sale	8,317,543

*Includes In Kind and Conservation Crude transfers from Government storage

**Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations)

March - 2014

Field/CHEU Compressor Operations

		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$5.37	\$5.44	\$5.17
Fuel used * (now includes field compression well head)	total MMBTU	8,951	60,969	1,472,923
Field Compression Fuel Cost *	\$dollars	\$0	\$0	\$654,398
CHEU Compression Fuel Cost *	\$dollars	\$23,784	\$133,267	\$3,908,804
CHEU Process Fuel Cost *	\$dollars	\$16,475	\$96,305	\$2,628,445
Rental compressor(s) fuel consumed (well head)	\$dollars	\$7,808	\$52,121	\$178,471
Rental Compressor(s) helium in fuel (Mcf x \$\$)	\$dollars	\$6,365	\$50,250	\$246,040
Rental compressor(s) helium in fuel (Mcf)	Mcf	67	566	2972
#1 Compressor run time *	hours	602	4,211	86,470
#2 Compressor run time *	hours	262	1,500	53,527
#3 Compressor run time *	hours	328	2,759	49,433

* Field/CHEU Compressor Operations based on Mar 14 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)	(\$365,668)	(\$10,161,962)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)		<u>\$16,364</u>	<u>\$98,186</u>	<u>\$2,535,010</u>
Net Total - Cliffside Refiners, LP		(\$44,580)	(\$267,482)	(\$7,626,952)

* BLM provided fuel cost is based on Feb 14 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	551	74.0%	4,176	95.6%	91,462
Producing residue gas	551	74.0%	4,176	95.6%	90,498
Producing helium product	551	74.0%	4,176	95.6%	87,555
Producing natural gas liquids	551	74.0%	4,157	95.2%	86,060

CHEU Charges

		Charges Billed (\$)*		
		Month	FYTD	Cumulative
Reservior Management Fees (RMF)		\$151,161	\$1,247,146	\$26,562,550
Total operating costs		(\$927,348)	(\$5,439,220)	(\$112,456,917)
Labor		\$133,564	\$801,381	\$11,052,704
Compressor fuel cost Feb 14		\$31,168	\$120,767	\$3,930,173
HEU fuel cost Feb 14		\$23,762	\$86,352	\$2,652,497
Electrical power cost Feb 14		\$144,796	\$880,538	\$16,894,970
Other		<u>\$92,199</u>	<u>\$539,027</u>	<u>\$11,070,923</u>
Sub Total - Items provided by BLM		\$425,489	\$2,428,066	\$48,810,621
Total - Cliffside Refiners, LP, GDA030001		(\$501,859)	(\$3,011,154)	(\$63,646,295)

Rounded to nearest dollar*CHEU Utility Usage**

	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Mar 14	2,680	18,040	461,349
Cheu Pure Water Usage (gallons) Mar 14	1,317	6,626	273,989
Electricity Metered (Kwh) consumed Feb 14	2,852,078	16,945,141	50,499,834