

Bureau of Land Management

Amarillo Field Office

Helium Operations



Statistical Report for March - 2011



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

List of Tables

Table 1 - Summary of Helium Operations
Table 2 - Bush Dome Reservoir Operations
Table 3 - Gas Volumes & Inventory
Table 4 - In Kind Helium Sales
Table 5 - Open Market/Reserve Sell-down
Table 5 - Natural Gas/Liquid Sales
Table 6 - Helium Resources Evaluation
Table 7 - Helium Storage Contract Activity
Table 8 - Compression & CHEU (Charges & Operations)

Amarillo, Texas

Issued: May 5, 2011

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

Approved for distribution: Nelson R. Bullard /s/

Date: May 5, 2011

Table 1 - Summary of Helium Operations

March - 2011

Helium Enrichment Unit Operations
Gas Processed

	Month			Gross FYTD	Net FYTD
	Gross Volume	Net Helium	Average Percent		
Measured Plant Feed (Mcf*)`	682,180	196,554	28.81%	3,815,895	1,073,588
Helium Product (Mcf*)	245,750	194,988	79.34%	1,337,161	1,057,525
Residue Natural Gas (Mcf*)	288,012	0	00.00%	1,598,530	1

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas & Liquids Produced

Gas Processed	Month	FYTD
Natural Gas Sales (Mcf****)	285,547	1,574,283
NGL Sales (gallons)	92,253	499,005

*** 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Total Withdrawn (Mcf*)	678,277	195,798	28.87%	3,795,120	1,081,390
Crude Injection (Mcf*)	0	0	00.00%	0	0
Crude Production (Mcf*)	0	0	00.00%	27,444	18,836

* Volumes in Mcf at 14.65 psia & 60°F

Storage Operations

Conservation Helium	Volume Outstanding	Month	FYTD	CYTD	Cumulative
Open Market Sale Volume Sold/Paid (Mcf*)		540,000	885,000	635,000	12,848,600
Open Market Sale Volume Transferred (Mcf*)	540,000	75,000	1,440,000	270,000	12,308,600
Conservation Helium in Storage (EOM) (Mcf*)		15,045,333			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred (Mcf*)	25,771	83,447	40,601	2,635,309
Sale Volumes Outstanding (Mcf*)	47,107			

* 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*)	58,369	39,338	67.40%	230,604
Crude Disposed (Mcf*)	298,817	230,597	77.17%	1,283,306
Net Balance (Mcf*)	(240,448)	(191,259)		(1,052,702)
Balance of Stored Helium End Of Month (Mcf*)		929,489		

* Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))	Month	FYTD
Storage Fees Billed (\$)	\$310,739	\$1,557,798
Reservoir Management Fees Billed (\$)	\$336,941	\$1,824,983

Field Compressor Charges (Charges Billed (\$))

	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$60,839)	(\$353,737)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$17,338	\$92,733
Net-Total (Funded by the Refiners for compression costs.)	(\$43,501)	(\$261,005)

Enrichment Unit Charges (Charges Billed (\$))

	Month	FYTD
Reservoir Management Fees (RMF)	\$336,941	\$1,824,983
Total operating costs	(\$785,616)	(\$4,973,966)
Sub Total - Items provided by BLM	\$292,271	\$2,013,895
Total - Cliffside Refiners, LP, GDA030001	(\$493,345)	(\$2,960,071)

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

	Month	FYTD
Open Market Sales	\$40,500,000	\$66,375,000
In Kind Sales	\$3,037,487	\$5,666,402
Natural Gas & Liquid Sales	\$1,306,788	\$7,052,285

Helium Resources Evaluation

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$902,129	\$5,902,531
Helium Sample Collection Report for month	Submitted - 0	Received - 0
	Analyzed - 36	

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

March - 2011

		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		678,277	190,506,005	195,798	34,154,426	169,801	46,819,274	277,536	98,142,920	29,665	9,810,080	5,476	1,579,305
BIVINS A-3	Mar-11	28,338	10,252,182	14,402	3,172,051	7,088	2,594,845	6,048	4,023,454	633	392,835	167	68,996
BIVINS A-6	Mar-11	55,879	8,700,425	38,502	5,103,563	13,228	2,137,275	3,462	1,301,789	300	124,497	386	33,302
BIVINS A-13	Mar-11	58,673	5,910,856	26,160	3,476,792	14,611	1,536,329	15,719	784,309	1,755	83,683	428	29,744
BIVINS A-14	Mar-11	60,608	6,483,265	31,778	4,236,186	15,105	1,652,832	11,976	510,812	1,284	52,868	466	30,567
BIVINS A-4	Mar-11	40,942	11,402,124	10,025	2,048,856	10,047	2,762,730	18,510	5,904,084	1,981	587,112	379	99,342
BUSH A-2	Mar-11	39,597	10,557,314	7,325	1,618,153	10,020	2,574,537	19,807	5,700,579	2,167	572,463	277	91,582
Injection	Mar-11	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-11	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-11	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-11	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-11	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-11	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Mar-11	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Mar-11	0	1,200,513	0	885,717	0	257,514	0	45,997	0	3,073	0	8,211
BIVINS A-1	Mar-11	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Mar-11	26,047	12,742,729	1,624	1,825,744	6,218	3,133,239	16,267	6,987,694	1,697	691,832	240	104,220
BIVINS A-5	Mar-11	43,921	14,194,755	10,644	1,672,928	11,207	3,462,769	19,593	8,124,915	2,142	809,615	336	124,529
BIVINS A-7	Mar-11	37,652	10,369,599	12,266	2,324,968	9,817	2,599,523	13,777	4,877,485	1,540	491,417	252	76,206
BIVINS A-9	Mar-11	17,155	9,180,183	352	172,201	4,441	2,243,262	11,066	6,069,922	1,163	609,731	134	85,067
BIVINS A-11	Mar-11	26,200	5,165,507	692	102,718	6,703	1,275,773	16,795	3,392,445	1,772	345,770	238	48,801
BIVINS A-15	Mar-11	26,201	8,097,054	503	400,129	6,193	1,932,770	17,426	5,167,974	1,778	514,992	301	81,189
BIVINS B-1	Mar-11	27,440	6,335,225	958	256,264	6,734	1,532,353	17,642	4,071,462	1,828	413,180	280	61,966
BIVINS B-2	Mar-11	26,108	5,039,998	498	94,663	6,674	1,254,767	16,768	3,288,054	1,748	336,300	420	66,213
BUSH A-1	Mar-11	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-11	36,460	10,181,887	16,938	2,125,065	9,370	2,502,502	8,848	4,967,975	1,006	496,500	298	89,846
BUSH A-4	Mar-11	34,432	7,319,495	7,125	1,376,635	8,846	1,823,296	16,464	3,692,606	1,789	372,621	207	54,337
BUSH A-5	Mar-11	45,704	13,951,374	14,594	3,038,077	11,681	3,490,784	17,263	6,655,262	1,902	667,566	264	99,685
BUSH A-8	Mar-11	5,005	3,317,886	93	60,752	1,239	797,634	3,261	2,200,308	337	220,428	75	38,764
BUSH A-9	Mar-11	0	3,649,808	0	94,071	0	877,193	0	2,406,297	0	239,058	0	33,188
BUSH A-11	Mar-11	12,429	3,843,230	412	113,463	2,998	918,497	8,038	2,513,696	827	254,508	153	43,066
BUSH B-1	Mar-11	5,092	3,168,784	100	59,512	1,224	751,628	3,369	2,118,451	354	208,105	45	31,088
FUQUA A-1	Mar-11	0	2,954,073	0	53,853	0	702,792	0	1,975,158	0	193,571	0	28,699
FUQUA A-2	Mar-11	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Mar-11	24,392	9,147,564	808	572,344	6,356	2,236,951	15,438	5,691,034	1,661	572,870	128	74,366
TT Fuel	Mar-11	40	0	1	0	10	0	26	0	3	0	1	0
field-wide pct's				28.87%	17.93%	25.03%	24.58%	40.92%	51.52%	4.37%	5.15%	0.81%	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-11	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 - 10		56.328	15.284
Injection 2003 - 10		(1.189)	(0.985)
Produced to Date 2011		1.800	0.523
Injected to Date 2011		0.000	0.000
Amount of Raw Gas Available to CHEU		123.626	=====> 18.432 total helium in reservoir
Estimated Bottom Hole Pressure		455.154	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 - 2011

Crude Helium Enrichment Unit Operations

		Gross Withdrawal		Net Helium Withdrawal		Nitrogen		Methane		Ethane plus		Other (CO ₂ , Ar, H ₂)	
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
Measured Feed	Mar-11	682,180	55,635,175	196,554	14,159,304	170,500	13,973,450	279,773	24,428,964	29,807	2,603,505	5,545	469,953
Calculated Feed	Mar-11	678,237	55,346,835	195,798	14,156,617	169,792	13,901,338	277,511	24,230,791	29,662	2,590,057	5,475	468,032
Feed to Box	Mar-11	674,534	55,019,930	195,798	14,156,795	169,792	13,901,421	277,511	24,230,837	29,662	2,590,064	1,772	140,814
Cheu Product	Mar-11	245,750	17,778,622	194,988	13,959,788	44,342	3,349,540	4,688	345,622	1	391	1,731	123,279
Residue	Mar-11	288,012	24,383,556	0	1,477	7,600	608,898	255,219	21,614,254	25,193	2,157,697	0	1,230
Cold Box Vent	Mar-11	107,159	9,601,824	23	83,943	99,265	8,400,336	7,868	1,057,207	(0)	136	3	60,203
Flare/Boot Strap	Mar-11	4,445	829,753	160	43,569	2,018	328,896	2,033	360,050	234	92,047	1	5,190
Fuel From Cheu	Mar-11	7,483	776,820	0	245	252	23,086	6,057	629,973	1,174	123,517	0	0
Shrinkage/Loss	Mar-11	3,061	208,782	0	0	0	0	0	0	3,061	208,782	0	0
Unaccounted*	Mar-11	18,625	1,430,932	628	62,540	16,314	1,192,334	1,646	173,121	0	1,084	37	1,853

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	15,145,133	1,019,977
net acceptances + redeliveries	0	0
	0	(191,259)
In Kind Transfers	(25,771)	25,771
Open Market Sales	(75,000)	75,000
Gain/loss	971	
Ending Inventory	15,045,333	929,489
Total Helium in Reservoir	18,432,262	
Total Helium in Storage	15,974,822	
Helium in native gas	2,457,440	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	26,809	20,125	75.07%
Measured to Pipeline (Private Plants)	58,369	39,397	67.50%
Measured from Pipeline (Private Plant:	298,817	230,600	77.17%
HEU Production	245,750	194,988	79.34%
Injection	0	0	00.00%
Production	0	0	
Ending Inventory	32,262	24,881	77.12%
Gain/Loss	152	971	

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 - 2011

	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	26,819	2,309	3	40	4,642	13,836	47,648	46,911	\$3,037,487	
Total FYTD	44,364	4,268	3	67	14,029	26,154	88,885	87,512	\$5,666,402	
Total CYTD	26,819	2,309	3	40	4,642	13,836	47,648	46,911	\$3,037,487	
Cumulative	1,590,004	80,373	233	270,423	361,311	422,233	2,724,577	2,682,341	\$146,156,348	
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							25,771	83,447	40,601	2,635,309
Volume outstanding							47,107			

* Volumes in Mcf at 14.7 psia & 70°F
 + Volumes in Mcf at 14.65 psia & 60°F

**Rounded to nearest dollar

Table 5 - Open Market/Reserve Sell-down

March - 2011

Helium & Natural Gas Sales

	Award Volume*	Outstanding*	Sales*	Charges Billed (\$)*** (billed quarterly)	
Conservation Helium					
<u>Air Liquide Helium America, Inc.</u>					
Month	0	(130,000)	130,000	\$9,750,000	
FYTD	175,000	0	175,000	\$13,125,000	
Cumulative	252,000		252,000	\$17,383,500	
<u>Air Products, L.P.</u>					
Month	0	(250,000)	250,000	\$18,750,000	
FYTD	350,000	0	350,000	\$26,250,000	
Cumulative	5,059,400		5,059,400	\$304,656,750	
<u>Linde Gas North America, LLC</u>					
Month	0	(60,000)	60,000	\$4,500,000	
FYTD	60,000	0	60,000	\$4,500,000	
Cumulative	3,984,000		3,984,000	\$230,203,750	
<u>Keyes Helium Co., LLC</u>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	678,200		678,200	\$40,177,400	
<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	(100,000)	100,000	\$7,500,000	
FYTD	300,000	0	300,000	\$22,500,000	
Cumulative	2,665,000		2,665,000	\$161,008,750	
<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	(540,000)	540,000	\$40,500,000	
Total FYTD	885,000	0	885,000	\$66,375,000	
Total CYTD	635,000		635,000	\$47,625,000	
Cumulative	12,848,600		12,848,600	\$765,052,650	
Open Market Transfers					
Transferred		Month	FYTD	CYTD	Cumulative
Volume outstanding		75,000	1,440,000	270,000	12,308,600
		540,000			

* 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>					
Provides Measured Firm/Interruptible Transportation Services					
Month	285,547	---	312,745	1,095	(\$29,234)
FYTD	1,574,283	---	1,724,681	1,096	(\$179,096)
Cumulative	23,845,836	---	26,224,702	1,100	(\$2,708,916)
<u>Minerals Management Service</u>					
No Longer Provides Natural Gas Marketing Services					
Cumulative	---	---	---	---	(\$179,913)
<u>Tenaska</u>					
Purchaser - Natural Gas					
Month	---	---	311,106	\$3.760078	\$1,169,783
FYTD	---	---	1,721,606	\$3.748545	\$6,450,377
Cumulative	---	---	26,059,219	\$5.520885	\$143,043,401
<u>Sandstone</u>					
Purchaser - Natural Gas Liquids					
Month	---	92,253	9,829	\$16.913146	\$166,239
FYTD	---	499,005	53,231	\$14.671969	\$781,004
Cumulative	---	6,455,293	689,244	\$11.791396	\$8,127,149
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$\$ Per Unit (\$\$/Dth)	Total (\$\$)
Total month	285,547	92,253	320,935	\$4.071816	\$1,306,788
Total FYTD	1,574,283	499,005	1,774,837	\$3.975253	\$7,052,285
Total CYTD	730,282	239,765	820,267	\$4.222118	\$3,463,264
Cumulative	23,845,836	6,455,293	26,748,463	\$5.574461	\$148,281,720

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

March - 2011

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$898,917	\$5,915,949
Natural Gas Royalties (1)	\$695	\$4,482
Natural Gas Rentals	\$0	\$0
Other	\$13,605	\$85,320
Revenue Collected from Federal Lease Holds	\$902,129	\$5,902,531

*Totals do not sum

Helium Analysis and Evaluation	Month	FYTD
Number of Sample Request Letters Sent	0	0
Number of Samples Received	0	5
Number of Samples Analyzed	3	18
Total Number of Samples Analyzed For Resources Division	3	38
Total Number of Other Samples Analyzed (2)	36	144

U. S. Helium Production

<i>Domestic</i>	FY Volume		CY Volume
2003 Helium Sold	4,621,000		4,393,555
2004 Helium Sold	4,675,800		4,692,699
2005 Helium Sold	4,936,900		4,800,782
2006 Helium Sold	4,943,900		4,944,544
2007 Helium Sold	4,941,200		4,965,176
2008 Helium Sold	4,767,400		4,668,286
2009 Helium Sold	4,325,300	*	4,744,174
Estimated Helium Resources as of 12/31/2006(Mcf)			732,000,000

* Indicates Production Data are Projected

	FY-2009	CY-2009
U.S. Helium Exports (3)	2,631,905	2,563,080

(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 - 2011

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
	Month		FYTD	CYTD	Cumulative					
Total All Contracts*										
Crude Acquired	58,369	67.4%	39,338	230,604	110,656	29,734,547	161,106	44,016,969		
Crude Disposed	298,817	77.2%	230,597	1,283,306	620,061	41,627,836	60,335	29,715,473		
Grade-A Rdlvrd	0		0	0	0	1,478,718				
Net/Balance	(240,448)		(191,259)	(1,052,702)	(509,405)	(13,372,007)	100,771	14,301,496	929,489	\$647,680
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	15,145,133
Crude Disposed: In Kind Sales transferred for the month	(25,771)
Open Market/Reserve Sell Down transferred for the month	(75,000)
Gains and Losses for the month	971
Net/Balance of Purchased Helium Remaining for Sale	15,045,333

*Includes In Kind and Open Market transfers from Government storage

**Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations)

March - 2011

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$3.76	\$4.75	\$5.61
Fuel used *	total MMBTU	8,623	55,920	1,104,838
Field compressor fuel revenue *	\$dollars	\$32,422	\$101,677	\$751,436
HEU compressor fuel credit *	\$dollars	\$3,486	\$71,407	\$3,232,540
HEU process fuel credit *	\$dollars	\$14,468	\$92,637	\$2,216,842
#1 Compressor run time *	hours	718	3,806	63,660
#2 Compressor run time *	hours	419	3,531	43,902
#3 Compressor run time *	hours	321	1,252	30,772

* Field/CHEU Compressor Operations based on Mar 11 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)	(\$60,839)	(\$353,737)	(\$8,057,635)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$17,338	\$92,733	\$1,996,942
Net Total - Cliffside Refiners, LP	(\$43,501)	(\$261,005)	(\$6,060,692)

* BLM provided fuel cost is based on Jan 11 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%	4,122	94.4%	65,795
Producing residue gas	731	98.3%	4,056	92.9%	65,149
Producing helium product	728	97.9%	4,043	92.6%	62,254
Producing natural gas liquids	730	98.1%	4,047	92.7%	60,786

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$336,941	\$1,824,983	\$18,155,720
Total operating costs	(\$785,616)	(\$4,973,966)	(\$82,060,695)
Labor	\$102,454	\$614,723	\$7,148,393
Compressor fuel cost Feb 11	\$15,282	\$144,608	\$3,308,646
HEU fuel cost Feb 11	\$9,270	\$100,943	\$2,247,201
Electrical power cost Jan 11	\$106,207	\$799,274	\$12,204,242
Other	\$59,058	\$354,347	\$8,222,706
Sub Total - Items provided by BLM	\$292,271	\$2,013,895	\$36,340,543
Total - Cliffside Refiners, LP, GDA030001	(\$493,345)	(\$2,960,071)	(\$45,720,152)

*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Mar 11	3,359	21,697	353,734
Cheu Pure Water Usage (gallons) Mar 11	1,178	6,107	238,959
Electricity Metered (Kwh) consumed Jan 11	2,029,345	15,815,399	216,116,219