

Bureau of Land Management

Amarillo Field Office Helium Operations



Statistical Report for May - 2009



Distribution:

Fluid Minerals Group Manager, Washington Office
NMSO, New Mexico State Director
NMSO, Associate State Director
NMSO, Petroleum Engineer
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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

Issued: September 4, 2009

"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*

Date: *09/04/2009*

Table 1 - Summary of Helium Operations

May - 2009

Helium Enrichment Unit Operations

Gas Processed	Month			Gross Cumulative	Net Cumulative
	Gross Volume	Net Helium	Average Percent		
Plant Feed	429,406	93,884	21.86%	42,219,332	10,712,696
Helium Product	120,163	93,153	77.52%	13,436,864	10,551,814
Residue Natural Gas	189,392	0	0.00%	18,472,140	1,198

Natural Gas & Liquids Produced

Gas Processed	Month	FYTD
Natural Gas Sales (Mcf***)	193,269	2,280,363
NGL Sales (gallons)	45,065	559,412

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

Bush Dome Reservoir Operations

Conservation gases from all sources	Month			Gross Cumulative	Net Cumulative
	Gross Volume	Net Helium	Average Percent		
Total Withdrawn	465,287	122,017	26.22%	177,031,431	30,583,410
Crude Injection	15,188	11,800	77.69%	66,021,465	47,675,123
Crude Production	35,901	26,934	75.02%	1,012,218	741,855

Storage Operations

Conservation Helium	Month	FYTD	CYTD	Cumulative
Open Market Sale Volumes (Mcf*)	0	763,000	499,000	9,463,600
Conservation Helium in Storage (EOM)	18,308,446			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred	29,210	119,248	72,950	2,325,184
Sale Volumes Outstanding	13,425			

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	71,905	48,474	67.41%	450,527
Crude Disposed	211,209	156,709	74.20%	1,390,967
Net Balance	(139,304)	(108,235)		(940,440)
Balance of Stored Helium End Of Month		1,053,713		

Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))	Month	FYTD
Storage Fees Billed (\$)	\$408,213	\$2,868,091
Reservoir Management Fees Billed (\$)	\$145,589	\$1,270,212

Field Compressor Charges (Charges Billed (\$))

	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$58,777)	(\$476,247)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$14,391	\$121,159
Net-Total (Funded by the Refiners for compression costs.)	(\$44,386)	(\$355,089)

Enrichment Unit Charges (Charges Billed (\$))

	Month	FYTD
Reservoir Management Fees (RMF)	\$145,589	\$1,270,212
Total operating costs	(\$852,153)	(\$7,485,354)
Sub Total - Items provided by BLM	\$376,627	\$3,681,147
Total - Cliffside Refiners, LP, GDA030001	(\$475,526)	(\$3,804,206)

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

	Month	FYTD
Open Market Sales	\$0	\$32,681,250
In Kind Sales	\$0	\$5,300,070
Natural Gas & Liquid Sales	\$601,141	\$8,120,544

Helium Resources Evaluation

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$753,333	\$5,400,626
Helium Sample Collection Report for month	Submitted - 0	Received - 2
		Analyzed - 12

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

May - 2009

		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		465,287	177,031,431	122,017	30,583,410	115,191	43,458,486	202,439	92,335,995	21,729	9,188,046	3,911	1,465,495
BIVINS A-3	May-09	0	10,086,632	0	3,083,333	0	2,553,540	0	3,992,174	0	389,627	0	67,958
BIVINS A-6	May-09	31,097	8,081,354	24,048	4,649,477	6,238	2,003,460	598	1,276,551	1	122,829	213	29,037
BIVINS A-13	May-09	34,263	4,700,276	17,363	2,895,893	8,559	1,234,344	7,291	497,181	804	51,885	246	20,973
BIVINS A-14	May-09	39,428	5,208,603	23,286	3,524,148	9,852	1,334,644	5,425	298,632	574	30,226	291	20,954
BIVINS A-4	May-09	24,833	10,569,019	7,534	1,818,953	6,085	2,558,725	9,923	5,550,664	1,072	548,884	218	91,793
BUSH A-2	May-09	21,015	9,753,526	5,027	1,442,897	5,323	2,371,470	9,476	5,322,357	1,039	530,917	150	85,885
Injection	May-09	15,188	66,021,465	11,800	47,675,123	3,003	17,025,185	281	771,528	0	19	104	549,610
inj Bivins A-3	May-09	0	(25,652,315)	0	(18,384,452)	0	(6,554,549)	0	(332,777)	0	0	0	(380,537)
inj Bivins A-6	May-09	(15,188)	(23,982,044)	(11,800)	(17,343,064)	(3,003)	(6,394,941)	(281)	(134,065)	(0)	(10)	(104)	(109,965)
inj Bivins A-13	May-09	0	(6,490,417)	0	(4,706,191)	0	(1,656,853)	0	(122,391)	0	(2)	0	(4,980)
inj Bivins A-14	May-09	0	(6,501,333)	0	(4,767,421)	0	(1,602,106)	0	(126,303)	0	(7)	0	(5,497)
inj Bivins A-4	May-09	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	May-09	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	May-09	35,901	1,012,218	26,934	741,855	7,439	219,503	1,215	41,048	64	2,903	248	6,909
BIVINS A-1	May-09	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	May-09	11,537	12,213,582	747	1,790,721	2,761	3,007,088	7,175	6,659,074	749	657,347	104	99,353
BIVINS A-5	May-09	22,016	13,511,557	5,944	1,496,170	5,600	3,289,057	9,272	7,829,970	1,031	777,059	168	119,300
BIVINS A-7	May-09	20,905	9,690,425	7,121	2,097,981	5,446	2,422,862	7,364	4,633,999	834	463,926	140	71,657
BIVINS A-9	May-09	26,337	8,606,004	539	160,337	6,791	2,095,004	16,996	5,699,476	1,802	570,652	208	80,536
BIVINS A-11	May-09	24,975	4,555,229	581	87,741	6,391	1,119,494	16,073	3,000,300	1,705	304,369	226	43,325
BIVINS A-15	May-09	23,495	7,453,597	494	387,040	5,557	1,780,418	15,569	4,740,922	1,607	471,348	268	73,868
BIVINS B-1	May-09	26,194	5,691,671	1,002	232,225	6,402	1,375,092	16,778	3,658,824	1,751	370,083	261	55,446
BIVINS B-2	May-09	25,686	4,410,755	490	82,650	6,573	1,093,757	16,485	2,884,009	1,738	294,059	399	56,280
BUSH A-1	May-09	0	5,721,962	0	104,140	0	1,356,677	0	3,830,281	0	374,216	0	56,647
BUSH A-3	May-09	24,704	9,447,708	12,494	1,766,126	6,350	2,314,232	5,070	4,805,774	589	477,770	201	83,807
BUSH A-4	May-09	20,964	6,753,095	4,896	1,250,848	5,380	1,678,115	9,528	3,429,387	1,033	343,871	127	50,874
BUSH A-5	May-09	22,526	13,112,502	7,975	2,754,503	5,753	3,276,726	7,792	6,352,653	874	633,884	131	94,736
BUSH A-8	May-09	13,123	3,023,312	243	55,306	3,238	724,800	8,560	2,008,236	892	200,536	191	34,435
BUSH A-9	May-09	12,921	3,607,166	796	91,402	3,332	866,199	7,870	2,380,362	856	236,237	67	32,967
BUSH A-11	May-09	15,607	3,356,502	548	96,914	3,746	801,671	10,079	2,199,115	1,043	221,784	191	37,020
BUSH B-1	May-09	1,899	3,135,257	9	58,876	143	743,541	1,488	2,096,274	256	205,764	4	30,803
FUQUA A-1	May-09	0	2,954,071	0	53,853	0	702,791	0	1,975,156	0	193,571	0	28,699
FUQUA A-2	May-09	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	May-09	21,763	8,569,002	880	550,654	5,671	2,086,484	13,627	5,327,751	1,478	532,863	107	71,250
TT Fuel	May-09	1,906	0	1	0	55	0	1,559	0	292	0	0	0
field-wide pct's				26.22%	17.28%	24.76%	24.55%	43.51%	52.16%	4.67%	5.19%	0.84%	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 May-09 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 - 08	40.061	11.109
Injection 2003 - 08	(0.790)	(0.614)
Produced to Date 2009	4.593	1.145
Injected to Date 2009	(0.223)	(0.173)
Amount of Raw Gas Available to CHEU	136.922	=====> 21.786 total helium in reservoir
Estimated Bottom Hole Pressure	501.497	est z-factor 0.975

Table 3 - Gas Volumes & Inventory

May - 2009

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	May-09	429,406	42,219,332	93,884	10,712,696	109,988	10,616,728	200,637	18,554,799	21,253	1,978,626	3,645	356,481
Calculated Feed	May-09	427,476	42,067,988	95,081	10,729,170	107,696	10,579,822	199,663	18,434,501	21,373	1,968,919	3,663	355,576
Feed to Box	May-09	424,664	41,822,597	95,081	10,729,349	107,696	10,579,904	199,663	18,434,547	21,373	1,968,926	851	109,872
Cheu Product	May-09	120,163	13,436,864	93,153	10,551,814	23,916	2,529,200	2,268	262,335	1	300	824	93,215
Residue	May-09	189,392	18,472,140	0	1,198	4,838	454,758	167,774	16,372,448	16,780	1,642,526	0	1,211
Cold Box Vent	May-09	61,613	7,459,367	43	81,809	56,814	6,429,894	4,747	887,779	0	137	9	59,748
Flare/Boot Strap	May-09	37,371	760,535	1,828	39,990	13,195	305,930	20,144	321,484	2,190	87,946	14	5,184
Fuel From Cheu	May-09	5,644	576,757	0	245	137	16,657	4,605	467,892	902	91,962	0	0
Shrinkage/Loss	May-09	1,501	141,336	0	0	0	0	0	0	1,501	141,336	0	0
Unaccounted*	May-09	8,981	1,010,198	56	51,834	8,797	857,945	124	97,857	(0)	1,082	4	1,479

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	18,338,685	1,132,738
net acceptances + redeliveries	0	0
	0	(108,235)
In Kind Transfers	(29,210)	29,210
Open Market Sales	0	0
Gain/loss	(1,029)	
Ending Inventory	18,308,446	1,053,713
Total Helium in Reservoir	21,786,134	
Total Helium in Storage	19,362,159	
Helium in native gas	2,423,975	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	46,072	34,914	75.78%
Measured to Pipeline (Private Plants)	71,919	48,481	67.41%
Measured from Pipeline (Private Plant:	211,223	156,709	74.19%
HEU Production	120,163	93,153	77.52%
Injection	15,188	11,800	77.69%
Production	35,901	26,934	75.02%
Ending Inventory	45,834	33,945	74.06%
Gain/Loss	(1,809)	(1,029)	

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

Table 4 - In Kind Helium Sales

May - 2009

	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	51,197	3,109	3	7,109	9,708	16,607	87,733	86,375	\$5,300,070	
Total CYTD	25,121	1,579	3	3,095	4,981	8,528	43,306	42,635	\$2,653,999	
Cumulative	1,391,543	64,405	225	264,270	316,506	338,426	2,375,375	2,338,534	\$124,199,906	
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							29,210	119,248	72,950	2,325,184
Volume outstanding							13,425			

* 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

May - 2009

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	77,000		77,000	\$4,258,500	
<u>Air Products, L.P.</u>					
Month	0	0	0	\$0	
FYTD	250,000	0	250,000	\$15,562,500	
Cumulative	3,359,400		3,359,400	\$191,744,250	
<u>Linde Gas North America, LLC</u>					
Month	0	0	0	\$0	
FYTD	100,000	0	100,000	\$6,225,000	
Cumulative	3,129,000		3,129,000	\$174,477,500	
<u>Keyes Helium Co., LLC</u>					
Month	0	0	0	\$0	
FYTD	75,000	0	75,000	\$4,668,750	
Cumulative	548,200		548,200	\$31,759,900	
<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	100,000	0	100,000	\$6,225,000	
Cumulative	2,140,000		2,140,000	\$123,940,000	
<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	525,000	0	525,000	\$32,681,250	
Total CYTD	186,000		186,000	\$11,578,500	
Cumulative	9,463,600		9,463,600	\$537,802,650	
Open Market Transfers					
Transferred		Month	FYTD	CYTD	Cumulative
Volume outstanding		0	763,000	499,000	9,463,600

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas/Liquid Sales

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	\$/unit	Charges Billed (\$) ** (billed monthly)
<u>El Paso Natural Gas</u>					
Provides Firm/Interruptible natural gas transportation services					
Month	175,742		193,269	(\$0.1448)	(\$27,980)
FYTD	2,044,109		2,280,363	(\$0.0969)	(\$220,928)
Cumulative	18,022,729		19,841,313	(\$0.1038)	(\$2,058,878)
<u>Minerals Management Service</u>					
Provides natural gas marketing services under a Cooperative Agreement					
Month					\$0
FYTD				\$0.0000	\$0
Cumulative				(\$0.0083)	(\$149,205)
<u>OGE Energy/Tenaska</u>					
<Chk Minerals Management Service data>					
Month	193,269	0	199,500	\$2.961429	\$590,805
FYTD	2,280,363	0	2,296,450	\$3.440256	\$7,900,376
Cumulative	18,583,869	0	19,715,221	\$6.053521	\$118,525,603
<u>SemCrude</u>					
Month	0	45,065	4,859	\$7.885579	\$38,316
FYTD	0	559,412	60,274	\$7.318174	\$441,096
Cumulative	0	4,650,699	496,086	\$11.480218	\$5,695,176
Total month	193,269	45,065	204,359	\$2.941594	\$601,141
Total FYTD	2,280,363	559,412	2,356,724	\$3.445691	\$8,120,544
Total CYTD	1,373,125	314,494	1,386,404	\$3.104029	\$4,303,438
Cumulative	18,583,869	4,650,699	20,211,307	\$6.077469	\$122,012,696

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

May - 2009

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$754,871	\$5,382,502
Natural Gas Royalties (1)	\$441	\$8,311
Natural Gas Rentals	\$640	\$640
Other	\$9,028	\$81,349
Revenue Collected from Federal Lease Holds	\$753,333	\$5,400,626

*Totals do not sum

Helium Analysis and Evaluation	Month	FYTD
Number of Sample Request Letters Sent	0	75
Number of Samples Received	2	35
Number of Samples Analyzed	2	35
Total Number of Samples Analyzed For Resources Division	2	35
Total Number of Other Samples Analyzed (2)	12	349

U. S. Helium Production

<i>Domestic</i>	FY Volume	CY Volume
2002 Helium Sold	4,620,900	4,584,904
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
Estimated Helium Resources as of 12/31/2006(Mcf)		732,000,000

	FY-2008	CY-2008
U.S. Helium Exports (3)	2,396,984	2,520,465

(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

May - 2009

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	71,905	67.4%	48,474	450,527	243,176	28,867,450	77,534	39,635,409			
Crude Disposed	211,209	74.2%	156,709	1,390,967	755,611	37,481,390	48,324	28,489,038			
Grade-A Rdlvrd	0		0	0	0	1,478,718					
Net/Balance	(139,304)		(108,235)	(940,440)	(512,435)	(10,092,658)	29,210	11,146,371	1,053,713	\$553,802	\$4,138,303
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											

Government Helium	
Remaining Crude Acquired beginning of the month	18,338,685
Crude Disposed: In Kind Sales transferred for the month	(29,210)
Open Market/Reserve Sell Down transferred for the month	0
Gains and Loses for the month	(1,029)
Net/Balance of Purchased Helium Remaining for Sale	18,308,446

*Includes In Kind and Open Market transfers from Government storage

**Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations)

May - 2009

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$2.96	\$3.45	\$6.01
Fuel used *	total MMBTU	8,110	82,981	868,956
Field compressor fuel revenue *	\$dollars	\$3,587	\$9,271	\$627,728
HEU compressor fuel credit *	\$dollars	\$12,007	\$177,406	\$2,714,977
HEU fuel credit *	\$dollars	\$8,413	\$99,586	\$1,877,507
#1 Compressor run time *	hours	553	5,129	52,127
#2 Compressor run time *	hours	264	2,680	32,544
#3 Compressor run time *	hours	139	1,925	23,147

* Field/CHEU Compressor Operations based on May 09 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)	(\$58,777)	(\$476,247)	(\$6,776,974)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$14,391	\$121,159	\$1,686,058
Net Total - Cliffside Refiners, LP	(\$44,386)	(\$355,089)	(\$5,090,916)

* BLM provided fuel cost is based on Mar 09 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	597	80.3%	5,552	95.2%	50,220
Producing residue gas	503	67.6%	5,403	92.6%	49,892
Producing helium product	504	67.8%	5,399	92.6%	47,031
Producing natural gas liquids	503	67.6%	5,404	92.7%	45,551

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$145,589	\$1,270,212	\$12,697,671
Total operating costs	(\$852,153)	(\$7,485,354)	(\$63,793,863)
Labor	\$115,406	\$923,248	\$4,845,084
Compressor fuel cost Mar 09	\$15,961	\$241,973	\$2,742,667
HEU fuel cost Mar 09	\$9,122	\$115,731	\$1,900,234
Electrical power cost Mar 09	\$99,831	\$1,309,734	\$9,399,269
Other	\$136,308	\$1,090,461	\$6,691,319
Sub Total - Items provided by BLM	\$376,627	\$3,681,147	\$28,787,928
Total - Cliffside Refiners, LP, GDA030001	(\$475,526)	(\$3,804,206)	(\$35,005,934)

*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage May 09	2,619	25,513	277,877
Cheu Pure Water Usage (gallons) May 09	1,488	14,415	214,187
Electricity Metered (Kwh) consumed Mar 09	2,141,545	19,935,686	156,513,827