

Bureau of Land Management

Amarillo Field Office Helium Operations



Statistical Report for July - 2009



Distribution:

Fluid Minerals Group Manager, Washington Office
NMSO, New Mexico State Director
NMSO, Associate State Director
NMSO, Petroleum Engineer
Field Manager, Amarillo Field Office
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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 8, 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: *09/08/2009*

Table 1 - Summary of Helium Operations

July - 2009

Helium Enrichment Unit Operations

Gas Processed	Month			Gross Cumulative	Net Cumulative
	Gross Volume	Net Helium	Average Percent		
Plant Feed	606,695	141,071	23.25%	43,399,765	10,984,063
Helium Product	178,772	139,158	77.84%	13,781,178	10,819,693
Residue Natural Gas	268,643	89	0.03%	19,017,770	1,287

Natural Gas & Liquids Produced

Gas Processed	Month	FYTD
Natural Gas Sales (Mcf***)	281,975	2,835,204
NGL Sales (gallons)	67,649	684,708

*** 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Total Withdrawn	650,261	179,316	27.58%	178,249,097	30,891,990
Crude Injection	0	0	00.00%	66,031,315	47,682,787
Crude Production	49,703	38,604	77.67%	1,062,370	780,808

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)	18,283,827			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred	0	132,679	86,381	2,338,615
Sale Volumes Outstanding	42,661			

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	61,138	41,332	67.60%	530,431
Crude Disposed	287,192	216,808	75.49%	1,765,521
Net Balance	(226,054)	(175,476)		(1,235,090)
Balance of Stored Helium End Of Month		772,494		

Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))	Month	FYTD
Storage Fees Billed (\$)	\$409,885	\$3,685,275
Reservoir Management Fees Billed (\$)	\$241,324	\$1,670,976

Field Compressor Charges (Charges Billed (\$))

	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$61,400)	(\$595,505)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$17,014	\$151,644
Net-Total (Funded by the Refiners for compression costs.)	(\$44,386)	(\$443,861)

Enrichment Unit Charges (Charges Billed (\$))

	Month	FYTD
Reservoir Management Fees (RMF)	\$241,324	\$1,670,976
Total operating costs	(\$853,096)	(\$9,206,261)
Sub Total - Items provided by BLM	\$377,570	\$4,451,003
Total - Cliffside Refiners, LP, GDA030001	(\$475,526)	(\$4,755,258)

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

	Month	FYTD
Open Market Sales	\$0	\$32,681,250
In Kind Sales	\$0	\$7,954,885
Natural Gas & Liquid Sales	\$901,613	\$9,863,555

Helium Resources Evaluation

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$734,330	\$6,830,400
Helium Sample Collection Report for month	Submitted - 0	Received - 0
		Analyzed - 46

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

July - 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		650,261	178,249,097	179,316	30,891,990	160,927	43,762,319	275,129	92,873,373	29,413	9,245,626	5,476	1,475,789
BIVINS A-3	Jul-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	Jul-09	49,703	8,131,506	38,604	4,688,430	9,805	2,013,354	949	1,277,508	2	122,831	343	29,383
BIVINS A-13	Jul-09	54,243	4,798,956	27,138	2,945,466	13,548	1,258,991	11,860	518,572	1,307	54,243	391	21,684
BIVINS A-14	Jul-09	58,081	5,310,291	33,747	3,583,567	14,509	1,360,048	8,492	313,197	903	31,773	429	21,706
BIVINS A-4	Jul-09	34,582	10,639,614	10,389	1,840,259	8,475	2,576,026	13,910	5,578,970	1,502	551,943	307	92,416
BUSH A-2	Jul-09	33,653	9,816,890	7,930	1,457,894	8,521	2,387,515	15,285	5,351,074	1,678	534,071	239	86,335
Injection	Jul-09	0	66,031,315	0	47,682,787	0	17,027,121	0	771,710	0	19	0	549,678
inj Bivins A-3	Jul-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	Jul-09	0	(23,991,893)	0	(17,350,728)	0	(6,396,877)	0	(134,246)	0	(10)	0	(110,033)
inj Bivins A-13	Jul-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	Jul-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	Jul-09	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Jul-09	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Jul-09	49,703	1,062,370	38,604	780,808	9,805	229,397	949	42,005	2	2,905	343	7,255
BIVINS A-1	Jul-09	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Jul-09	12,885	12,240,984	815	1,792,468	3,082	3,013,645	8,031	6,676,137	840	659,132	117	99,601
BIVINS A-5	Jul-09	29,658	13,572,628	7,967	1,512,558	7,541	3,304,585	12,530	7,855,786	1,394	779,934	226	119,765
BIVINS A-7	Jul-09	28,253	9,748,270	9,612	2,117,642	7,359	2,437,930	9,964	4,654,415	1,128	466,239	189	72,044
BIVINS A-9	Jul-09	39,806	8,680,529	818	161,866	10,263	2,114,221	25,689	5,747,571	2,721	575,747	314	81,124
BIVINS A-11	Jul-09	32,168	4,620,148	755	89,260	8,232	1,136,107	20,694	3,042,067	2,195	308,799	292	43,915
BIVINS A-15	Jul-09	29,544	7,512,933	618	388,283	6,990	1,794,461	19,584	4,780,252	2,017	475,395	336	74,542
BIVINS B-1	Jul-09	39,615	5,764,439	1,528	235,032	9,684	1,392,880	25,360	3,705,407	2,647	374,947	396	56,173
BIVINS B-2	Jul-09	35,666	4,479,522	681	83,964	9,127	1,111,356	22,889	2,928,142	2,412	298,708	556	57,352
BUSH A-1	Jul-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	Jul-09	32,583	9,515,799	16,385	1,800,371	8,372	2,331,730	6,775	4,819,923	787	479,415	265	84,360
BUSH A-4	Jul-09	27,445	6,810,266	6,458	1,264,266	7,038	1,692,777	12,420	3,455,292	1,361	346,706	168	51,225
BUSH A-5	Jul-09	37,270	13,182,666	13,148	2,779,226	9,515	3,294,641	12,940	6,377,037	1,451	636,618	216	95,144
BUSH A-8	Jul-09	16,423	3,054,672	304	55,885	4,053	732,539	10,713	2,028,691	1,115	202,667	239	34,890
BUSH A-9	Jul-09	7,442	3,630,811	468	92,880	1,918	872,294	4,526	2,394,745	491	237,802	39	33,090
BUSH A-11	Jul-09	21,372	3,395,822	735	98,272	5,131	811,109	13,812	2,224,521	1,431	224,417	263	37,503
BUSH B-1	Jul-09	806	3,136,147	15	58,892	195	743,757	532	2,096,862	57	205,827	6	30,810
FUQUA A-1	Jul-09	0	2,954,071	0	53,853	0	702,791	0	1,975,156	0	193,571	0	28,699
FUQUA A-2	Jul-09	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Jul-09	29,062	8,624,914	1,202	552,960	7,570	2,101,049	18,173	5,362,721	1,972	536,658	144	71,526
TT Fuel	Jul-09	814	0	0	0	23	0	666	0	125	0	0	0
field-wide pct's				27.58%	17.33%	24.75%	24.55%	42.31%	52.10%	4.52%	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 Jul-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	5.811	1.454
Injected to Date 2009	(0.232)	(0.180)
Amount of Raw Gas Available to CHEU	135.714	=====> 21.485 total helium in reservoir
Estimated Bottom Hole Pressure	497.077	est z-factor 0.975

Table 3 - Gas Volumes & Inventory

July - 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	Jul-09	606,695	43,399,765	141,071	10,984,063	152,577	10,913,688	278,246	19,098,915	29,610	2,036,563	5,191	366,537
Calculated Feed	Jul-09	599,745	43,234,602	140,712	10,998,797	151,099	10,873,736	273,514	18,970,186	29,287	2,026,359	5,133	365,524
Feed to Box	Jul-09	595,875	42,981,684	140,712	10,998,975	151,099	10,873,818	273,514	18,970,232	29,287	2,026,366	1,263	112,293
Cheu Product	Jul-09	178,772	13,781,178	139,158	10,819,693	35,087	2,596,912	3,324	268,716	1	301	1,202	95,556
Residue	Jul-09	268,643	19,017,770	89	1,287	6,897	468,643	237,880	16,855,472	23,760	1,691,140	18	1,228
Cold Box Vent	Jul-09	93,547	7,649,161	98	82,004	86,640	6,605,193	6,790	902,048	(0)	136	20	59,781
Flare/Boot Strap	Jul-09	24,447	784,982	1,162	41,152	6,509	312,438	15,209	336,694	1,565	89,511	3	5,187
Fuel From Cheu	Jul-09	8,681	592,006	0	245	210	17,026	7,084	480,336	1,387	94,399	0	0
Shrinkage/Loss	Jul-09	2,574	146,159	0	0	0	0	0	0	2,574	146,159	0	0
Unaccounted*	Jul-09	19,211	1,045,026	206	52,136	15,757	888,086	3,227	102,215	0	1,083	21	1,507

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	18,289,271	947,970
net acceptances + redeliveries	0	0
	0	(175,476)
In Kind Transfers	0	0
Open Market Sales	0	0
Gain/loss	(5,444)	
Ending Inventory	18,283,827	772,494
Total Helium in Reservoir	21,485,218	
Total Helium in Storage	19,056,321	
Helium in native gas	2,428,897	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	42,069	31,881	75.78%
Measured to Pipeline (Private Plants)	61,156	41,341	67.60%
Measured from Pipeline (Private Plant:	287,210	216,808	75.49%
HEU Production	178,772	139,158	77.84%
Injection	0	0	00.00%
Production	49,703	38,604	77.67%
Ending Inventory	38,021	28,732	75.57%
Gain/Loss	(6,469)	(5,444)	

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

July - 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	78,727	4,749	3	8,505	14,703	24,385	131,070	129,042	\$7,954,885	
Total CYTD	52,651	3,218	3	4,490	9,975	16,306	86,644	85,302	\$5,308,814	
Cumulative	1,419,073	66,044	225	265,666	321,501	346,204	2,418,712	2,381,201	\$126,854,721	
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							0	132,679	86,381	2,338,615
Volume outstanding							42,661			

* 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
Helium & Natural Gas Sales

July - 2009

	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	300,000	0	0	\$0	
FYTD	550,000	300,000	250,000	\$15,562,500	
Cumulative	3,659,400		3,359,400	\$191,744,250	
<u>Linde Gas North America, LLC</u>					
Month	100,000	0	0	\$0	
FYTD	200,000	100,000	100,000	\$6,225,000	
Cumulative	3,229,000		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	400,000	0	0	\$0	
Total FYTD	925,000	400,000	525,000	\$32,681,250	
Total CYTD	586,000		186,000	\$11,578,500	
Cumulative	9,863,600		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>EI Paso Natural Gas</u>					
Provides Firm/Interruptible natural gas transportation services					
Month	255,992		281,975	(\$0.0993)	(\$27,997)
FYTD	2,547,756		2,835,204	(\$0.0977)	(\$276,922)
Cumulative	18,526,376		20,396,154	(\$0.1037)	(\$2,114,872)
<u>Minerals Management Service</u>					
Provides natural gas marketing services under a Cooperative Agreement					
Month					\$0
FYTD				\$0.0000	\$0
Cumulative				(\$0.0081)	(\$149,205)
<u>OGE Energy/Tenaska</u>					
<Chk Minerals Management Service data>					
Month	281,975	0	275,300	\$3.136558	\$863,495
FYTD	2,835,204	0	2,854,250	\$3.353128	\$9,570,666
Cumulative	19,138,710	0	20,273,021	\$5.969352	\$120,195,892
<u>SemCrude</u>					
Month	0	67,649	7,337	\$9.011265	\$66,116
FYTD	0	684,708	73,847	\$7.716104	\$569,811
Cumulative	0	4,775,995	509,659	\$11.427035	\$5,823,891
Total month	281,975	67,649	282,637	\$3.190004	\$901,613
Total FYTD	2,835,204	684,708	2,928,097	\$3.368589	\$9,863,555
Total CYTD	1,927,966	439,790	1,957,777	\$3.088426	\$6,046,449
Cumulative	19,138,710	4,775,995	20,782,680	\$5.994251	\$123,755,707

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

July - 2009

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$736,346	\$6,808,555
Natural Gas Royalties (1)	\$622	\$9,421
Natural Gas Rentals	\$0	\$640
Other	\$11,638	\$107,263
Revenue Collected from Federal Lease Holds	\$734,330	\$6,830,400

*Totals do not sum

Helium Analysis and Evaluation	Month	FYTD
Number of Sample Request Letters Sent	0	75
Number of Samples Received	0	37
Number of Samples Analyzed	0	37
Total Number of Samples Analyzed For Resources Division	0	37
Total Number of Other Samples Analyzed (2)	46	433

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

July - 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	61,138	67.6%	41,332	530,431	323,080	28,947,354	34,701	39,718,737			
Crude Disposed	287,192	75.5%	216,808	1,765,521	1,130,165	37,855,944	34,701	28,558,935			
Grade-A Rdlvrd	0		0	0	0	1,478,718					
Net/Balance	(226,054)		(175,476)	(1,235,090)	(807,085)	(10,387,308)	0	11,159,802	772,494	\$409,885	Storage Fees
Total Prior Contracts (TERMINATED)										\$241,324	RMF Fees
Crude Acquired				0	0	17,406,129	0	18,196,898		\$651,209	\$5,356,251
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	18,289,271
Crude Disposed: In Kind Sales transferred for the month	0
Open Market/Reserve Sell Down transferred for the month	0
Gains and Loses for the month	(5,444)
Net/Balance of Purchased Helium Remaining for Sale	18,283,827

*Includes In Kind and Open Market transfers from Government storage

**Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations)

July - 2009

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$3.13	\$3.37	\$5.95
Fuel used *	total MMBTU	10,778	101,465	887,440
Field compressor fuel revenue *	\$dollars	\$5,118	\$14,420	\$632,877
HEU compressor fuel credit *	\$dollars	\$18,409	\$207,163	\$2,744,734
HEU fuel credit *	\$dollars	\$10,209	\$120,455	\$1,898,376
#1 Compressor run time *	hours	610	5,972	52,970
#2 Compressor run time *	hours	238	3,251	33,115
#3 Compressor run time *	hours	516	2,597	23,819

* Field/CHEU Compressor Operations based on Jul 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)	(\$61,400)	(\$595,505)	(\$6,896,231)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$17,014	\$151,644	\$1,716,543
Net Total - Cliffside Refiners, LP	(\$44,386)	(\$443,861)	(\$5,179,688)

* BLM provided fuel cost is based on May 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	731	98.2%	6,998	95.9%	51,666
Producing residue gas	655	88.0%	6,770	92.8%	51,259
Producing helium product	654	87.9%	6,762	92.7%	48,394
Producing natural gas liquids	636	85.4%	6,752	92.5%	46,898

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$241,324	\$1,670,976	\$13,098,435
Total operating costs	(\$853,096)	(\$9,206,261)	(\$65,514,770)
Labor	\$115,406	\$1,154,060	\$5,075,896
Compressor fuel cost May 09	\$12,007	\$264,941	\$2,765,635
HEU fuel cost May 09	\$8,413	\$137,831	\$1,922,334
Electrical power cost May 09	\$105,437	\$1,531,095	\$9,620,630
Other	\$136,308	\$1,363,076	\$6,963,934
Sub Total - Items provided by BLM	\$377,570	\$4,451,003	\$29,557,784
Total - Cliffside Refiners, LP, GDA030001	(\$475,526)	(\$4,755,258)	(\$35,956,986)

*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Jul 09	2,873	31,605	283,970
Cheu Pure Water Usage (gallons) Jul 09	1,333	17,143	216,915
Electricity Metered (Kwh) consumed May 09	2,113,108	24,707,155	161,285,296