

Bureau of Land Management

Amarillo Field Office Helium Operations



Statistical Report for September - 2004



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: October 20, 2004

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Approved for distribution: *Nelson R. Bullard*

Date: 10/20/2004

Table 1 - Summary of Helium Operations

September - 2004

In Kind Sales		NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges Billed (\$)**	
Total month		41,664	2,821	0	5,012	5,724	8,156	63,376	62,396	\$3,370,605	
Total FYTD		119,488	8,155	0	23,909	27,837	40,629	220,018	216,613	\$11,621,496	
Total CYTD		91,882	6,628	0	14,585	23,695	31,529	168,320	165,715	\$8,949,674	
In Kind Transfers								Month	FYTD	CYTD	Cumulative
Transferred								18,694	200,501	153,939	1,360,439
Volume outstanding								62,674			
Open Market Sales				Award Volume		Outstanding		Sales	Charges Billed (\$)**		
Total month				0		0		0	\$0		
Total FYTD				675,600		0		675,600	\$36,482,400		
Total CYTD				0				656,700	\$35,461,800		
Open Market Transfers								Month	FYTD	CYTD	Cumulative
Transferred								0	1,085,600	675,600	2,315,600
Volume outstanding								0			
Natural Gas/Liquids Sales		Natural Gas (Mcf)		NGLs (gal)		Decatherms		\$/unit	Charges Billed (\$)**		
Total month		234,895		78,093		250,591		\$4.5605	\$1,136,857		
Total FYTD		2,775,985		690,144		3,143,441		\$5.1161	\$15,991,250		
Total CYTD		2,282,173		640,934		2,569,711		\$5.2346	\$13,373,874		
Purchased Helium	Month			Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative	
	Helium Mixture	Helium Percent	Helium	Low Purity Helium		Below 50% Helium		Contained Helium			
Total purchased										32,176,145	
Helium transferred			18,694					1,286,101	829,539	5,661,379	
Purchased helium in storage										26,514,766	
Private Plant Activity											
Accepted in storage system	86,018	65.7%	56,532	749	13,403	(66)	(2,442)	718,299	519,854	8,522,526	
Redelivered from storage system	(282,437)	73.5%	(207,676)	0	0	0	583	(2,089,136)	(1,614,360)	(13,701,514)	
Total apparent crude produced^	185,965	71.5%	133,031					1,595,169	1,181,414	8,772,410	
Total apparent crude refined^	(382,384)	74.3%	(284,175)					(2,966,954)	(2,276,867)	(14,507,309)	
Storage Contract Activity	Metered Gas					Transferred Gas		Stored	Charges Billed (\$)**		
	Gross Gas	Helium	Helium	Helium	Helium	Month	Cumulative	Helium	Month	FYTD	
	Month	FYTD	CYTD	Cumulative			EOM				
Crude Acquired	85,896	56,466	715,857	518,256	25,890,865	49,472	29,078,868				
Crude Disposed	282,437	207,676	2,088,553	1,613,782	25,526,311	30,778	26,045,242		\$2,200	Storage Fees	
Grade-A Rdlvrd	0	0	0	0	1,478,718	0	0		\$124,376	RMF Fees	
Net/Balance	(196,541)	(151,210)	(1,372,696)	(1,095,526)	(1,114,164)	18,694	3,033,626	1,919,462	\$126,576	\$4,382,589	
Bush Dome Reservoir Operations		Month		Fiscal Year		Since Start of Conservation Program		Since Field Discovery			
Conservation gases from all sources		Gross	Net	Gross	Net	Gross	Net	Gross	Net		
In underground storage, beg. of period		39,962,304	28,780,690	41,328,824	29,775,145	490,620	490,620	0	0		
Net Activity		(168,588)	(128,761)	(1,535,108)	(1,123,217)	39,303,096	28,161,309	39,793,716	28,651,929		
Total in underground storage		39,793,716	28,651,929	39,793,716	28,651,929	39,793,716	28,651,929	39,793,716	28,651,929		
Native Gas											
Total in place, beg. of period		201,920,916		206,235,982		265,724,755		318,727,000			
Net Activity		(406,780)		(4,721,846)		(64,210,619)		(117,212,864)			
Total in place, end of month		201,514,136		201,514,136		201,514,136		201,514,136			
Native Gas plus Conservation Gases											
Total gases in place, beg. of period		241,883,220		247,564,806		266,215,375		318,727,000			
Net Activity		(575,368)		(6,256,954)		(24,907,523)		(77,419,148)			
Total gases in place, end of month		241,307,852		241,307,852		241,307,852		241,307,852			
Helium Resources Evaluation				Month	FYTD						
Revenue Collected from Federal Lease Holds				Submitted	0	Received	9				
Helium Sample Collection Report for month				Submitted	0	Received	221				
Helium Enrichment Unit Operations		Month			FYTD			Cumulative			
Gas Processed	Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium		
Plant feed	586,668	28.7%	168,205	5,979,095	21.5%	1,287,099	8,740,808	18.8%	1,639,963		
Helium product	215,471	77.6%	167,248	1,606,697	77.9%	1,251,488	2,032,914	77.4%	1,574,008		
Residue natural gas	234,207	0.0%	0	2,785,675	0.0%	654	4,315,319	0.0%	665		
Vent, flare & plant losses	128,941	0.8%	1,019	1,548,322	2.3%	35,284	2,674,069	2.5%	65,617		
Helium recovery efficiency			99.4%			97.3%			96.0%		

* Volumes in Mcf at 14.7 psia & 70°F; all other volumes in 14.65 psia & 60°F

**Rounded to nearest dollar

^ Other sources of helium are accessed but data are not available

Table 2 - In Kind Helium Sales

September - 2004

	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges Billed (\$)**	
In Kind Helium										
Aeriform, Contract no. INC98-0101 (billed quarterly)										
Month										
FYTD										
AGA Gas, Inc., Contract no. INC98-0102										
Month										
FYTD										
AirGas, Inc., Contract no. INC98-0103										
Month										
FYTD										
Air Liquide America, L.P., Contract no. INC98-0104										
Month										
FYTD										
Air Products, L.P., Contract no. INC98-0105										
Month										
FYTD										
BOC Gases, 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										
Tri-Gas, Inc., Contract no. INC98-0114										
Month										
FYTD										
Messer Griesheim Ind., Contract no. INC00-0115										
Month										
FYTD										
Total month	41,664	2,821	0	5,012	5,724	8,156	63,376	62,396	\$3,370,605	
Total FYTD	119,488	8,155	0	23,909	27,837	40,629	220,018	216,613	\$11,621,496	
Total CYTD	91,882	6,628	0	14,585	23,695	31,529	168,320	165,715	\$8,949,674	
Cumulative	824,470	26,558	58	192,428	209,272	192,705	1,445,491	1,423,038	\$71,857,751	
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							18,694	200,501	153,939	1,360,439
Volume outstanding							62,674			

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

**Rounded to nearest dollar

COMPANY PROPRIETARY INFORMATION

Table 2.1 - Open Market/Reserve Sell-down
Helium & Natural Gas Sales

September - 2004

	Award Volume*	Outstanding*	Sales*	Charges Billed (\$)**
Conservation Helium				
Air Liquide America, L.P. (billed quarterly)				
Month	0	0	0	\$0
FYTD	0	0	0	\$0
Cumulative	50,000		50,000	\$2,625,000
Air Products, L.P.				
Month	0	0	0	\$0
FYTD	0	0	0	\$0
Cumulative	680,400		680,400	\$35,721,000
BOC Gases				
Month	0	0	0	\$0
FYTD	550,000	0	550,000	\$29,700,000
Cumulative	1,384,000		1,384,000	\$73,485,000
Keyes Helium Co.				
Month	0	0	0	\$0
FYTD	75,600	0	75,600	\$4,082,400
Cumulative	151,200		151,200	\$8,051,400
AGA Gas, Inc.				
Month	0	0	0	\$0
FYTD	50,000	0	50,000	\$2,700,000
Cumulative	50,000		50,000	\$2,700,000
Total month	0	0	0	\$0
Total FYTD	675,600	0	675,600	\$36,482,400
Total CYTD	0		656,700	\$35,461,800
Cumulative	2,315,600		2,315,600	\$122,582,400

Open Market Transfers

	Month	FYTD	CYTD	Cumulative
Transferred	0	1,085,600	675,600	2,315,600
Volume outstanding	0			

* Volumes in Mcf at 14.65 psia & 60°F

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	\$/unit	Charges Billed (\$)**
Natural Gas/Liquids Sales					
El Paso Natural Gas Provides Firm/Interruptible natural gas transportation services (billed monthly)					
Month	233,619		257,333	(\$0.1067)	(\$27,460)
FYTD	2,725,356		3,005,123	(\$0.1097)	(\$329,522)
Cumulative	3,916,777		4,327,471	(\$0.1142)	(\$494,282)
Minerals Management Service Provides natural gas marketing services under a Cooperative Agreement					
Month				\$0.0000	\$0
FYTD				\$0.0000	\$0
Cumulative				(\$0.0032)	(\$12,448)
Cenergy Marketing					
Month	233,619	0	242,295	\$4.552470	\$1,097,078
FYTD	2,760,908	0	3,070,282	\$5.175188	\$15,798,259
Cumulative	3,996,907	0	4,347,156	\$5.127170	\$22,167,546
Seminole Transportation & Gathering					
Month	0	78,093	8,296	\$8.105110	\$67,240
FYTD	0	690,144	73,159	\$7.142154	\$522,513
Cumulative	0	690,144	73,159	\$7.142154	\$522,513
Total month	233,619	78,093	250,591	\$4.560501	\$1,136,857
Total FYTD	2,760,908	690,144	3,143,441	\$5.116138	\$15,991,250
Total CYTD	2,269,778	640,934	2,569,711	\$5.234616	\$13,373,874
Cumulative	3,996,907	690,144	4,420,315	\$5.045883	\$22,183,329

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

**Rounded to nearest dollar

Table 3 - Helium Resources Evaluation

September - 2004

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds

	Month*	FYTD*
Fee Sales & Royalties	\$20,109	\$7,066,980
Natural Gas Royalties (1)	\$2,670	\$37,418
Natural Gas Rentals	\$0	\$1,280
Other	\$3,892	\$71,477
Revenue Collected from Federal Lease Holds	\$6,637	\$7,106,382

*Totals do not sum

Helium Analysis and Evaluation

	Month	FYTD
Number of Sample Request Letters Sent	0	142
Number of Samples Received	9	42
Number of Samples Analyzed	20	76
Total Number of Samples Analyzed For Resources Division	22	152
Total Number of Samples Analyzed (2)	221	1,251

U. S. Helium Production

Domestic

	CY Volumes
1998 Helium Sold	4,029,755
1999 Helium Sold	4,203,019
2000 Helium Sold	4,564,589
2001 Helium Sold	4,756,719
2002 Helium Sold	4,584,904
2003 Helium Sold	4,393,555
2004 Helium Sold (projected)	4,500,000
Estimated Helium Resources (as of 01/01/2003)	305,000,000

	FY-2003	CY-2003
U.S. Helium Exports (3)	1,457,623	1,487,258

(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 4 - Federal Acquisition & Storage Operations

September - 2004

All Volumes in Mcf at 14.65 psia & 60°F

	Month		Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative
	Helium-Gas Mixture	Helium Percent	Helium	Low Purity Helium	Below 50% Helium	Contained Helium			
Purchased									
Cities Service Helex - Jayhawk		---							6,403,147
National Helium Corp. - Liberal		---							11,561,830
Nothern Helex Co. - Bushton		---							4,475,921
Phillips Petroleum - Dumas		---							5,111,036
Phillips Petroleum - Sherman		---							4,624,211
<i>Total purchased</i>									32,176,145

Purchased helium produced/transferred	18,694					1,286,101	829,539		5,661,379
Balance of purchased helium in storage									26,514,766

Bureau Plants

Delivery/Handling Credit	0	---	0			0			13,205,259
Withdrawal	0	---	0			0			7,540,255

Private Plants

<i>Helium accepted under terminated contracts (pre-FY96)</i>									16,453,073
<i>Helium redelivered under terminated contracts (pre-FY96)</i>									13,007,062

Pioneer - Fain*									
GPM - Dumas*									
Crescendo - Sunray*									
Air Products - Guymon*									
GPM - Sherhan*									
GPM to APG+									
<i>Total GPM - Sherhan</i>									
Keyes Helium - Sturgis* ^									
Keyes Helium - Sturgis* ^									
<i>Total Keyes Helium - Sturgis* ^</i>									
Pioneer - Satanta*									
Williams - Baker*									
National Helium - Liberal*									
National to APL+									
<i>Total National Helium - Liberal</i>									
Air Products - Liberal*									
Praxair - Jayhawk* ^									
Praxair - Jayhawk* ^									
<i>Total Praxair - Jayhawk* ^</i>									
Amoco to Praxair+									
CIG - Lakin*									
BOC Gases - Otis* ^									
KN Processing - Bushton*									
KNP to Praxair+									
<i>Total KN Processing - Bushton</i>									
Praxair - Bushton*									

Plant Inactive

Accepted in storage system	86,018	65.7%	56,532	749	13,403	(66)	(2,442)	718,299	519,854	8,522,526
Redelivered from storage system	(282,437)	73.5%	(207,676)			0	583	(2,089,136)	(1,614,360)	(13,701,514)
Total apparent crude produced^	185,965	71.5%	133,031					1,595,169	1,181,414	8,772,410
Total apparent crude refined^	(382,384)	74.3%	(284,175)					(2,966,954)	(2,276,867)	(14,507,309)

* Denotes CUSTODY TRANSFER activity in to or out of the crude helium pipeline system

+ Denotes activity between private plants that does not enter the crude helium pipeline system

^ Other sources of helium are accessed by helium refiners, but data are not available to BLM

Acquisition & Storage Summary - Contained Helium

	Month	FYTD	Cumulative
Total acquisition	56,532	718,299	70,357,003
Total disposition	207,676	2,089,136	43,178,903
Total stored in conservation system	(151,144)	(1,370,837)	27,178,100

Helium in pipeline system plus apparent losses			(1,473,829)
Helium in underground storage			28,651,929

COMPANY PROPRIETARY INFORMATION

Table 4.1 - Helium Storage Contract Activity

September - 2004

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	85,896	65.7%	56,466	715,857	518,256	25,890,865	49,472	29,078,868			
Crude Disposed	282,437	73.5%	207,676	2,088,553	1,613,782	25,526,311	30,778	26,045,242		\$2,200	Storage Fees
Grade-A Rdlvrd	0		0	0	0	1,478,718				\$124,376	RMF Fees
Net/Balance	(196,541)		(151,210)	(1,372,696)	(1,095,526)	(1,114,164)	18,694	3,033,626	1,919,462	\$126,576	\$4,382,589
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		
BOC Gases, Contract no. 1995-3249											
Crude Acquired											
Crude Disposed											
Net/Balance											
Praxair, Inc., Contract no. 1995-3251 months - projected depletion											
Crude Acquired											
Crude Disposed											
Net/Balance											
Air Products, L.P., Contract no. 1995-3256											
Crude Acquired											
Crude Disposed											
Net/Balance											
Oneok Field Services, Contract no. 1995-3258											
Crude Acquired											
Crude Disposed											
Net/Balance											
ExxonMobil Gas Marketing Co., Contract no. 1995-3280											
Crude Acquired											
Crude Disposed											
Net/Balance											
Pioneer, Contract no. 1995-3286 months - projected depletion											
Crude Acquired											
Crude Disposed											
Net/Balance											
Keys Helium Co., Contract no. 1995-3287 months - projected depletion											
Crude Acquired											
Crude Disposed											
Net/Balance											
Messer Griesheim Ind., Contract no. 1998-3283 months - projected depletion											
Crude Acquired											
Crude Disposed											
Net/Balance											
Linde Gas LLC, Contract no. 2001-3282											
Crude Acquired											
Crude Disposed											
Net/Balance											
Mitsui & Co. (U.S.A.), Inc., Contract no. 2002-3289											
Crude Acquired											
Crude Disposed											
Net/Balance											
Air Liquide America, L.P., Contract no. 2003-3284											
Crude Acquired											
Crude Disposed											
Net/Balance											
Government Helium											
Crude Acquired							0	32,176,145			
Crude Disposed: In Kind Sales							18,694				
Open Market/Reserve Sell down							0	5,661,379			
Net/Balance									26,514,766		

*Includes In Kind and Open Market transfers from Government storage

**Rounded to nearest dollar

COMPANY PROPRIETARY INFORMATION

Table 5 - Pipeline & Cliffside Field Operations

September - 2004

All Volumes in Mcf at 14.65 psia & 60°F

	Month		Fiscal Year		Since Start of Conservation Program		Since Field Discovery	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
Conservation Pipeline								
Beginning of period inventory (1)	42,777	32,370	46,638	32,039	0	0		
Measured to pipeline (2)	316,207	235,053	3,147,253	2,295,429	114,023,206	81,478,039		
Measured from pipeline (3)	282,437	207,676	2,906,919	2,089,136	48,112,433	34,284,189		
Measured into Bush Dome (4)	28,828	22,449	231,182	179,185	64,588,190	46,416,722		
Calculated inventory (1+2-3-4)	47,719	37,298	55,790	59,147	1,322,584	777,128		
End of period inventory	43,468	32,225	43,468	32,225	43,468	32,225		
Line gain or (loss)	(4,251)	(5,073)	(12,322)	(26,921)	(1,279,115)	(744,903)		
Percent gain (loss) of total measured	-0.677%	-1.091%	-0.196%	-0.590%	-0.564%	-0.459%		
Bush Dome Reservoir Operations								
<i>Conservation gases from all sources</i>								
In underground storage, beg. of period	39,962,304	28,780,690	41,328,824	29,775,145	490,620	490,620	0	0
Injected during period to date	28,828	22,449	231,182	179,185	64,584,048	46,413,376	65,191,948	47,021,276
Withdrawn during period to date	197,415	151,210	1,766,290	1,302,402	25,327,101	18,298,216	25,444,381	18,415,496
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,149
Total in underground storage	39,793,716	28,651,929	39,793,716	28,651,929	39,793,716	28,651,929	39,793,716	28,651,929
<i>Native Gas</i>								
Total in place, beg. of period	201,920,916		206,235,982		265,724,755		318,727,000	
Recoverable in place, beg. of period	192,869,916		197,184,982		256,673,755		309,676,000	
Production during period to date	406,780		4,721,846		64,210,619		117,212,864	
Total in place, end of month	201,514,136		201,514,136		201,514,136		201,514,136	
Recoverable in place, end of month	192,463,136		192,463,136		192,463,136		192,463,136	
<i>Native Gas plus Conservation Gases</i>								
Total gases in place, beg. of period	241,883,220		247,564,806		266,215,375		318,727,000	
Total gases in place, end of month	241,307,852		241,307,852		241,307,852		241,307,852	
Change during period	(575,368)		(6,256,954)		(24,907,523)		(77,419,148)	
Ave. reservoir pressure, beg. of period	617.3		636.3		685.0		814.1	
Tuck Trigg Reservoir Operations								
<i>Native Gas</i>								
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	
Ave. reservoir pressure, beg. of period	483.7		483.7				548.0	
Natural Gas Sales - Booster Compressor Operations								
<i>Field/HEU Compressor Operations</i>					Totals		Cumulative	
					Month	FYTD		
Spot gas fuel price	\$ per/MMBTU				\$0.00	\$4.86	\$4.43	
Fuel used	total MMBTU				0	78,447	189,279	
Field compressor fuel revenue	\$dollars				\$0	\$58,608	\$413,047	
HEU compressor fuel credit	\$dollars				\$0	\$184,627	\$236,723	
#1 Compressor run time	hours				0	2450	15,936	
#2 Compressor run time	hours				0	3322	8,893	
#3 Compressor run time	hours				0	3326	6,765	
<i>Field Compressor Charges</i>					Charges Billed (\$)*			
BOC Gases, Contract no. 1995-3249								
Praxair, Inc., Contract no. 1995-3251								
Air Products, L.P., Contract no. 1995-3256								
Keyes Helium Co., Contract no. 1995-3287								
SubTotal - Cliffside Refiners, LP (provides booster compression services)					(60,914)	(734,730)	(3,444,348)	
Cliffside Refiners, LP, GDA010003 (BLM provided fuel, labor, supplies, etc.)					\$17,118	\$205,987	\$822,480	
Net Total - Cliffside Refiners, LP					(43,796)	(528,743)	(2,621,868)	

*Rounded to nearest dollar

Table 6 - Helium Enrichment Unit Operations

September - 2004

All Volumes in Mcf at 14.65 psia & 60°F (*except where noted)

	Month			FYTD			Cumulative		
	Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium
Gas Processed									
Plant feed	586,668	28.7%	168,205	5,979,095	21.5%	1,287,099	8,740,808	18.8%	1,639,963
Helium product	215,471	77.6%	167,248	1,606,697	77.9%	1,251,488	2,032,914	77.4%	1,574,008
Residue natural gas	234,207	0.0%	0	2,785,675	0.0%	654	4,315,319	0.0%	665
Vent, flare & plant losses	128,941	0.8%	1,019	1,548,322	2.3%	35,284	2,674,069	2.5%	65,617
Helium recovery efficiency			99.4%			97.3%			96.0%

	Month			FYTD			Cumulative		
	Volume*	KWh	Runtime	Volume*	KWh	Runtime	Volume*	KWh	Runtime
Utility Usage									
Natural gas liquids (*gallons)	73,551			696,877			696,877		
K100 compressor		311,784	720		4,889,068	7,601		9,845,628	11,589
K600 compressor		1,631,522	708		14,245,609	7,075		21,924,088	10,583
K610 compressor			702			6,853			9,789
Dew point control system			701		116,557	6,394		116,557	6,394
Other electrical usage		273,438			(204,010)	8,784		2,091,675	13,624
Fuel gas (*Mcf)	0			28,965			49,673		
Water (*gallons)	2,635			41,082			55,372		

HEU Runtime & Charges

	Month		FYTD		Cumulative	
	Runtime	Percent	Runtime	Percent	Runtime	Percent
<i>Enrichment Unit Runtime</i>						
Processing feed gas	720	100.0%	7,601	86.5%	11,589	85.1%
Producing natural gas liquids	701	97.4%	6,394	72.8%	6,394	46.9%
Producing helium product	702	97.5%	6,853	78.0%	9,789	71.9%
Producing residue gas	708	98.3%	7,075	80.5%	10,583	77.7%

	Charges Billed (\$)*		
	Month	FYTD	Cumulative
<i>Enrichment Unit Charges</i>			
Reservoir Management Fees (RMF)	\$124,376	\$1,100,003	\$1,672,172
Total operating costs	(\$645,519)	(\$9,516,421)	(\$14,508,518)
Labor	\$32,270	\$411,053	\$861,041
Compressor fuel	\$31,171	\$193,817	\$220,406
HEU fuel	\$14,844	\$165,535	\$222,943
Electric power	\$90,856	\$1,259,000	\$1,573,682
Other	\$17,250	\$207,000	\$310,500
Sub Total - Items provided by BLM	<u>\$186,392</u>	<u>\$4,006,897</u>	<u>\$6,300,230</u>
Total - Cliffside Refiners, LP, GDA030001	(\$459,127)	(\$5,509,524)	(\$8,208,288)

*Rounded to nearest dollar