

Bureau of Land Management

Amarillo Field Office Helium Operations



Statistical Report for November - 2009



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

Issued: September 10, 2010

**** Revised ****

"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: ***09/10/2010***

Table 1 - Summary of Helium Operations

November - 2009

Helium Enrichment Unit Operations

Gas Processed	Month			Gross FYTD	Net FYTD
	Gross Volume	Net Helium	Average Percent		
Measured Plant Feed (Mcf*)	540,188	134,463	24.89%	1,119,215	274,531
Helium Product (Mcf*)	170,541	133,061	78.02%	347,393	270,098
Residue Natural Gas (Mcf*)	237,019	0	00.00%	492,622	0

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas & Liquids Produced

Gas Processed	Month	FYTD
Natural Gas Sales (Mcf***)	236,568	491,705
NGL Sales (gallons)	67,906	150,431

*** 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Total Withdrawn (Mcf*)	547,251	142,470	26.03%	1,131,271	293,151
Crude Injection (Mcf*)	30,766	24,036	78.13%	54,274	42,286
Crude Production (Mcf*)	9,597	7,449	77.62%	25,498	19,751

* Volumes in Mcf at 14.65 psia & 60°F

Storage Operations

Conservation Helium	Month	FYTD	CYTD	Cumulative
Open Market Sale Volumes (Mcf*)	0	300,000	899,000	9,863,600
Conservation Helium in Storage (EOM) (Mcf*)	17,777,324			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred (Mcf*)	42,541	43,746	172,794	2,425,028
Sale Volumes Outstanding (Mcf*)	158			

* 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*)	71,392	48,411	67.81%	96,914
Crude Disposed (Mcf*)	213,386	157,642	73.88%	331,042
Net Balance (Mcf*)	(141,994)	(109,231)		(234,128)
Balance of Stored Helium End Of Month (Mcf*)		768,806		

* Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))	Month	FYTD
Storage Fees Billed (\$)	\$330,214	\$332,356
Reservoir Management Fees Billed (\$)	\$183,328	\$400,341

Field Compressor Charges (Charges Billed (\$))	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$57,493)	(\$115,374)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$13,224	\$26,836
Net-Total (Funded by the Refiners for compression costs.)	(\$44,269)	(\$88,538)

Enrichment Unit Charges (Charges Billed (\$))	Month	FYTD
Reservoir Management Fees (RMF)	\$183,328	\$400,341
Total operating costs	(\$803,362)	(\$1,538,812)
Sub Total - Items provided by BLM	\$315,692	\$563,471
Total - Cliffside Refiners, LP, GDA030001	(\$487,670)	(\$975,341)

Conservation Helium - Natural Gas - Liquid Sales (Charges Billed (\$))	Month	FYTD
Open Market Sales	\$0	\$0
In Kind Sales	\$0	\$0
Natural Gas & Liquid Sales	\$934,888	\$2,145,117

Helium Resources Evaluation	Month	FYTD
Revenue Collected from Federal Lease Holds	\$610,941	\$1,533,037
Helium Sample Collection Report for month	Submitted - 0	Received - 0
		Analyzed - 22

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

November - 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		547,251	180,603,589	142,470	31,485,272	136,913	44,350,824	237,792	93,913,762	25,457	9,357,732	4,619	1,496,000
BIVINS A-3	Nov-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	Nov-09	9,597	8,187,437	7,449	4,731,817	1,889	2,024,396	193	1,278,615	0	122,837	65	29,772
BIVINS A-13	Nov-09	54,309	5,018,091	26,995	3,054,446	13,560	1,313,640	12,032	567,136	1,331	59,601	392	23,268
BIVINS A-14	Nov-09	57,969	5,536,812	33,286	3,714,191	14,482	1,416,615	8,826	347,215	941	35,392	434	23,398
BIVINS A-4	Nov-09	36,512	10,786,598	10,549	1,883,421	8,945	2,612,038	15,062	5,638,986	1,630	558,432	326	93,721
BUSH A-2	Nov-09	35,770	9,958,806	8,223	1,490,937	9,045	2,423,419	16,438	5,415,907	1,810	541,197	254	87,346
Injection	Nov-09	30,766	66,116,824	24,036	47,749,332	5,932	17,043,865	585	773,344	1	20	212	550,262
inj Bivins A-3	Nov-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	Nov-09	(30,766)	(24,077,299)	(24,036)	(17,417,196)	(5,932)	(6,413,599)	(585)	(135,878)	(1)	(11)	(212)	(110,616)
inj Bivins A-13	Nov-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	Nov-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	Nov-09	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Nov-09	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Nov-09	9,597	1,119,077	7,449	824,796	1,889	240,593	193	43,127	0	2,910	65	7,649
BIVINS A-1	Nov-09	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Nov-09	24,695	12,310,998	1,627	1,796,894	5,889	3,030,348	15,345	6,719,811	1,609	663,703	225	100,241
BIVINS A-5	Nov-09	26,428	13,684,274	7,028	1,542,368	6,722	3,332,976	11,235	7,903,140	1,240	785,174	203	120,617
BIVINS A-7	Nov-09	27,755	9,863,942	9,337	2,156,788	7,226	2,468,057	9,887	4,695,401	1,119	470,877	186	72,819
BIVINS A-9	Nov-09	24,674	8,814,447	509	164,627	6,374	2,148,772	15,920	5,833,988	1,676	584,878	194	82,182
BIVINS A-11	Nov-09	24,949	4,735,863	574	91,978	6,402	1,165,751	16,070	3,116,523	1,692	316,668	212	44,944
BIVINS A-15	Nov-09	22,261	7,618,504	453	390,462	5,273	1,819,450	14,775	4,850,266	1,509	482,587	252	75,740
BIVINS B-1	Nov-09	25,216	5,900,886	960	240,276	6,161	1,426,225	16,156	3,792,777	1,687	384,069	253	57,538
BIVINS B-2	Nov-09	24,900	4,612,335	476	86,500	6,379	1,145,360	15,989	3,013,389	1,669	307,662	388	59,424
BUSH A-1	Nov-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	Nov-09	30,937	9,639,956	15,432	1,862,491	7,944	2,363,620	6,551	4,846,033	758	482,436	253	85,377
BUSH A-4	Nov-09	22,501	6,905,252	5,180	1,286,361	5,769	1,717,131	10,289	3,498,521	1,125	351,436	137	51,803
BUSH A-5	Nov-09	35,735	13,330,854	12,352	2,830,846	9,118	3,332,459	12,642	6,429,101	1,414	642,436	208	96,012
BUSH A-8	Nov-09	15,510	3,119,378	286	57,081	3,836	748,524	10,116	2,070,892	1,045	207,047	226	35,834
BUSH A-9	Nov-09	9	3,649,334	1	94,042	2	877,071	5	2,406,009	1	239,027	0	33,186
BUSH A-11	Nov-09	23,713	3,486,810	810	101,392	5,691	832,948	15,329	2,283,329	1,590	230,515	294	38,627
BUSH B-1	Nov-09	457	3,137,851	8	58,924	111	744,170	302	2,097,988	32	205,946	4	30,823
FUQUA A-1	Nov-09	2	2,954,072	0	53,853	0	702,792	1	1,975,157	0	193,571	0	28,699
FUQUA A-2	Nov-09	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Nov-09	23,351	8,723,768	936	556,803	6,093	2,126,528	14,629	5,424,249	1,579	544,058	114	72,129
TT Fuel	Nov-09	457	0	0	0	13	0	374	0	70	0	0	0
field-wide pct's				26.03%	17.43%	25.02%	24.56%	43.45%	52.00%	4.65%	5.18%	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	Nov-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		41.935	11.109
Injection 2003 - 08		(0.820)	(0.614)
Produced to Date 2009		6.292	2.047
Injected to Date 2009		(0.247)	(0.247)
Amount of Raw Gas Available to CHEU		133.404	=====> 20.958 total helium in reservoir
Estimated Bottom Hole Pressure		488.623	est z-factor 0.975

* All volumes on Table 2 are reported in Mcf at 14.65 psia & 60°F

Table 3 - Gas Volumes & Inventory

November - 2009

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	Nov-09	540,188	45,719,918	134,463	11,536,040	135,588	11,496,655	239,954	20,151,993	25,585	2,148,781	4,597	386,449
Calculated Feed	Nov-09	537,197	45,530,622	135,020	11,548,018	135,010	11,450,806	237,225	20,008,190	25,386	2,138,269	4,554	385,339
Feed to Box	Nov-09	533,860	45,262,855	135,020	11,548,197	135,010	11,450,888	237,225	20,008,236	25,386	2,138,276	1,218	117,258
Cheu Product	Nov-09	170,541	14,481,793	133,061	11,364,172	33,022	2,734,685	3,282	282,286	3	311	1,173	100,339
Residue	Nov-09	237,019	20,073,739	0	1,287	6,120	494,513	210,482	17,793,163	20,417	1,783,549	0	1,228
Cold Box Vent	Nov-09	88,306	8,020,731	101	82,338	80,475	6,946,032	7,711	932,368	0	137	19	59,855
Flare/Boot Strap	Nov-09	0	807,377	0	42,077	0	322,252	0	347,177	0	90,678	0	5,193
Fuel From Cheu	Nov-09	9,818	631,742	0	245	334	18,197	7,945	512,615	1,539	100,685	0	0
Shrinkage/Loss	Nov-09	3,428	158,197	0	0	0	0	0	0	3,428	158,197	0	0
Unaccounted*	Nov-09	24,749	1,123,874	1,858	55,619	15,059	949,690	7,806	115,876	(0)	1,083	26	1,607

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	17,826,933	835,496
net acceptances + redeliveries	0	0
	0	(109,231)
In Kind Transfers	(42,541)	42,541
Open Market Sales	0	0
Gain/loss	(7,069)	
Ending Inventory	17,777,324	768,806
Total Helium in Reservoir	20,958,482	
Total Helium in Storage	18,546,130	
Helium in native gas	2,412,352	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	47,232	35,096	74.31%
Measured to Pipeline (Private Plants)	71,675	48,538	67.72%
Measured from Pipeline (Private Plant)	213,669	157,642	73.78%
HEU Production	170,541	133,061	78.02%
Injection	30,766	24,036	78.13%
Production	9,597	7,449	77.62%
Ending Inventory	47,527	35,398	74.48%
Gain/Loss	(7,084)	(7,069)	

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

November - 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	0	0	0	0	0	0	0	0	\$0	
Total CYTD	81,414	5,278	3	5,814	11,697	27,038	131,243	129,212	\$8,041,855	
Cumulative	1,447,836	68,104	225	266,989	323,222	356,936	2,463,312	2,425,111	\$129,587,761	
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							42,541	43,746	172,794	2,425,028
Volume outstanding							158			

* 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

November - 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	0	0	0	\$0	
FYTD	100,000	100,000	0	\$0	
Cumulative	3,759,400		3,659,400	\$210,419,250	
<u>Linde Gas North America, LLC</u>					
Month	0	0	0	\$0	
FYTD	75,000	75,000	0	\$0	
Cumulative	3,304,000		3,229,000	\$180,702,500	
<u>Keyes Helium Co., LLC</u>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
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	50,000	50,000	0	\$0	
Cumulative	2,190,000		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	225,000	225,000	0	\$0	
Total CYTD	811,000		586,000	\$36,478,500	
Cumulative	10,088,600		9,863,600	\$562,702,650	
Open Market Transfers					
Transferred		Month	FYTD	CYTD	Cumulative
Volume outstanding		0	300,000	899,000	9,863,600

* 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>EI Paso Natural Gas</u>					
Provides Measured Firm/Interruptible Transportation Services					
Month	236,568	---	258,983	1,095	(\$32,275)
FYTD	491,705	---	538,859	1,096	(\$60,272)
Cumulative	19,577,580	---	21,550,744	1,101	(\$2,231,137)
<u>Minerals Management Service</u>					
Provides Natural Gas Marketing Services					
Month	---	---	---	---	\$0
FYTD	---	---	---	---	\$0
Cumulative	---	---	---	---	(\$159,252)
<u>Tenaska</u>					
Purchaser - Natural Gas					
Month	---	---	258,983	\$3.362364	\$870,795
FYTD	---	---	543,183	\$3.688561	\$2,003,564
Cumulative	---	---	21,424,497	\$5.825787	\$123,993,667
<u>SemCrude</u>					
Purchaser - Natural Gas Liquids					
Month	---	67,906	7,260	\$13.273792	\$96,368
FYTD	---	150,431	16,124	\$12.517071	\$201,825
Cumulative	---	5,077,221	542,017	\$11.429352	\$6,194,903
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$\$ Per Unit (\$\$/Dth)	Total (\$\$)
Total month	236,568	67,906	266,243	\$3.511410	\$934,888
Total FYTD	491,705	150,431	559,307	\$3.835313	\$2,145,117
Total CYTD	3,009,356	741,016	3,141,611	\$3.214583	\$10,098,970
Cumulative	19,577,580	5,077,221	21,966,514	\$5.855234	\$127,798,180

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

November - 2009

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$617,248	\$1,520,998
Natural Gas Royalties (1)	\$263	\$375
Natural Gas Rentals	\$0	\$0
Other	\$11,663	\$29,897
Revenue Collected from Federal Lease Holds	\$610,941	\$1,533,037

*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	2	18
Total Number of Other Samples Analyzed (2)	22	47

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-2008
U.S. Helium Exports (3)	2,631,905	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

November - 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	71,392	67.8%	48,411	96,914	505,233	29,129,507	87,437	40,394,800			
Crude Disposed	213,386	73.9%	157,642	331,042	1,802,419	38,528,198	44,896	28,748,585	\$330,214	Storage Fees	
Grade-A Rdlvrd	0		0	0	0	1,478,718			\$183,328	RMF Fees	
Net/Balance	(141,994)		(109,231)	(234,128)	(1,297,186)	(10,877,409)	42,541	11,646,215	768,806	\$513,542	\$732,697
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	17,826,933
Crude Disposed: In Kind Sales transferred for the month	(42,541)
Open Market/Reserve Sell Down transferred for the month	0
Gains and Losses for the month	(7,069)
Net/Balance of Purchased Helium Remaining for Sale	17,777,324

*Includes In Kind and Open Market transfers from Government storage

**Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations) November - 2009

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$3.36	\$3.68	\$5.81
Fuel used *	total MMBTU	11,672	24,052	934,752
Field compressor fuel revenue *	\$dollars	\$1,367	\$4,015	\$640,577
HEU compressor fuel credit *	\$dollars	\$24,296	\$53,749	\$2,840,295
HEU fuel credit *	\$dollars	\$13,556	\$30,850	\$1,952,280
#1 Compressor run time *	hours	293	1,038	54,702
#2 Compressor run time *	hours	658	813	35,214
#3 Compressor run time *	hours	435	995	25,637

* Field/CHEU Compressor Operations based on Nov 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)	(\$57,493)	(\$115,374)	(\$7,132,379)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$13,224	\$26,836	\$1,775,381
Net Total - Cliffside Refiners, LP	(\$44,269)	(\$88,538)	(\$5,356,998)

* BLM provided fuel cost is based on Sep 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	679	94.4%	1,389	94.9%	54,490
Producing residue gas	667	92.6%	1,358	92.8%	54,024
Producing helium product	673	93.4%	1,362	93.0%	51,157
Producing natural gas liquids	673	93.5%	1,362	93.0%	49,665

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$183,328	\$400,341	\$13,843,767
Total operating costs	(\$803,362)	(\$1,538,812)	(\$68,817,381)
Labor	\$102,247	\$204,494	\$5,511,202
Compressor fuel cost Sep 09	\$20,411	\$41,812	\$2,837,204
HEU fuel cost Sep 09	\$10,317	\$23,054	\$1,966,257
Electrical power cost Sep 09	\$130,066	\$188,810	\$10,068,135
Other	\$52,651	\$105,302	\$7,341,851
Sub Total - Items provided by BLM	\$315,692	\$563,471	\$30,934,003
Total - Cliffside Refiners, LP, GDA030001	(\$487,670)	(\$975,341)	(\$37,883,378)

*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Nov 09	3,552	7,393	298,147
Cheu Pure Water Usage (gallons) Nov 09	931	1,644	220,141
Electricity Metered (Kwh) consumed Sep 09	2,718,787	5,353,829	172,176,613