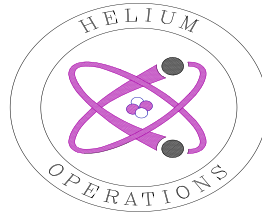
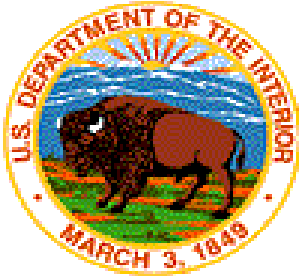


Bureau of Land Management

Amarillo Field Office Helium Operations

Statistical Report for September - 2015



Distribution:

Fluid Minerals Group Manager, Washington Office
NMSO, New Mexico State Director
NMSO, Associate State Director
NMSO, Petroleum Engineer
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Assistant Field Managers (3)
Team Leaders
-Federal Leased Lands
-Resources Evaluation & Gas Analysis
-Division Of Helium Operations, -
Engineering and Technical Support

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Amarillo, Texas

Compiled by: David V. Reeves

Issued: May 4, 2016

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

Approved for Distribution: Samuel R.M. Burton

Date: May 3, 2016

Table 1 - Summary of Helium Operations

September - 2015

Helium Enrichment Unit Operations

Gas Processed

	Month			Gross FYTD	Net FYTD
	Gross Volume	Net Helium	Average Percent		
Measured Plant Feed (Mcf*)	413,216	70,163	16.98%	5,243,976	920,677
Helium Product (Mcf*)	91,924	67,919	73.89%	1,176,142	873,743
Residue Natural Gas (Mcf*)	213,840	0	00.00%	2,580,459	144

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas & Liquids Produced

Gas Processed

	Month	FYTD
Natural Gas Sales (Mcf***)	205,592	2,562,803
NGL Sales (gallons)	64,975	864,071

*** 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Total Withdrawn (Mcf*)	420,182	70,680	16.82%	5,309,169	926,857
Crude Injection (Mcf*)	23,132	17,096	73.91%	87,670	65,012
Crude Production (Mcf*)	0	0	00.00%	0	0

* Volumes in Mcf at 14.65 psia & 60°F

Storage Operations

Conservation Helium

	Volume Outstanding	Month	FYTD	CYTD	Cumulative
Conservation Crude Sale Volume Sold/Paid (Mcf*)		15,000	15,000	15,000	20,066,729
Conservation Crude Sale Volume Transferred (Mcf*)	15,000	0	1,061,902	0	20,051,729
Conservation Helium in Storage (EOM) (Mcf*)		6,584,237			

* Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred (Mcf*)	39,068	164,421	100,068	3,263,542
Sale Volumes Outstanding (Mcf*)	27,680			

* 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*)	46,010	30,206	65.65%	354,454
Crude Disposed (Mcf*)	113,414	80,139	70.66%	1,157,724
Net Balance (Mcf*)	(67,404)	(49,933)		(803,270)
Balance of Stored Helium End Of Month (Mcf*)		2,249,313		

* Volumes in Mcf at 14.65 psia & 60°F

Revenue / Charges

Helium Storage Contracts (Charges Billed (\$))

	Month	FYTD
Storage Fees Billed (\$)	\$7,509	\$3,188,906
Reservoir Management Fees Billed (\$)	\$110,051	\$2,186,855

Field Compressor Charges (Charges Billed (\$))

	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$56,477)	(\$677,725)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$13,232	\$158,782
Net-Total (Funded by the Refiners for compression costs.)	(\$43,245)	(\$518,944)

Enrichment Unit Charges (Charges Billed (\$))

	Month	FYTD
Reservoir Management Fees (RMF)	\$110,051	\$2,186,855
Total operating costs	(\$787,798)	(\$9,422,674)
Sub Total - Items provided by BLM	\$292,893	\$3,483,806
Total - Cliffside Refiners, LP, GDA030001	(\$494,906)	(\$5,938,869)

Conservation Helium - Natural Gas - Liquid Sales

(Charges Billed (\$))

	Month	FYTD
Conservation Crude Helium Sales	\$0	\$0
In Kind Sales	\$1,932,236	\$9,308,775
Natural Gas & Liquid Sales	\$564,453	\$7,988,246

Helium Resources Evaluation

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$1,537,520	\$17,461,809
Helium Sample Collection Report for month	Submitted - 0	Received - 0
	Analyzed - 13	

*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

September - 2015

		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		420,182	221,638,530	70,680	41,509,297	104,942	54,604,720	217,175	112,324,490	23,456	11,344,793	3,930	1,855,231
BIVINS A-3	Sep-15	0	10,961,112	0	3,548,629	0	2,772,147	0	4,159,383	0	407,301	0	73,653
BIVINS A-6	Sep-15	2,732	11,276,879	1,965	6,701,710	657	2,771,824	88	1,593,143	4	157,780	18	52,422
BIVINS A-13	Sep-15	28,902	8,306,619	10,027	4,398,419	7,281	2,136,879	10,183	1,551,676	1,192	171,980	219	47,664
BIVINS A-14	Sep-15	66,375	9,316,140	21,438	5,423,302	16,628	2,362,859	24,909	1,331,842	2,810	143,937	590	54,201
BIVINS A-4	Sep-15	30,853	13,254,000	3,696	2,364,139	7,442	3,211,759	17,545	6,870,640	1,846	689,885	324	117,576
BUSH A-2	Sep-15	37,919	12,879,957	3,919	1,925,841	9,520	3,156,676	21,790	6,975,602	2,429	713,832	262	108,005
Injection	Sep-15	23,132	66,393,074	17,096	47,959,334	5,400	17,102,725	483	778,858	0	33	153	552,125
inj Bivins A-3	Sep-15	0	(25,652,315)	0	(18,384,452)	0	(6,554,549)	0	(332,777)	0	0	0	(380,537)
inj Bivins A-6	Sep-15	(23,132)	(24,331,025)	(17,088)	(17,609,533)	(5,408)	(6,467,718)	(483)	(141,375)	(0)	(70)	(153)	(112,328)
inj Bivins A-13	Sep-15	0	(6,490,417)	0	(4,706,191)	0	(1,656,853)	0	(122,391)	0	(2)	0	(4,980)
inj Bivins A-14	Sep-15	0	(6,501,333)	0	(4,767,421)	0	(1,602,106)	0	(126,303)	0	(7)	0	(5,497)
inj Bivins A-4	Sep-15	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Sep-15	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Sep-15	0	1,217,868	0	897,578	0	261,663	0	47,122	0	3,172	0	8,333
BIVINS A-1	Sep-15	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Sep-15	15,946	13,898,005	556	1,877,193	3,724	3,405,087	10,408	7,729,634	1,099	770,332	158	115,760
BIVINS A-5	Sep-15	19,763	15,907,513	3,636	2,019,671	5,044	3,898,635	9,856	8,950,759	1,073	900,631	153	137,817
BIVINS A-7	Sep-15	9,406	11,729,043	3,047	2,760,513	2,454	2,952,842	3,458	5,381,302	385	548,666	63	85,720
BIVINS A-9	Sep-15	20,595	10,270,439	456	195,313	5,313	2,525,302	13,248	6,771,936	1,410	684,060	169	93,828
BIVINS A-11	Sep-15	12,124	6,372,181	379	136,923	3,100	1,584,865	7,707	4,162,889	823	427,497	114	60,007
BIVINS A-15	Sep-15	28,825	9,614,614	505	427,024	6,794	2,291,101	19,210	6,178,875	1,970	618,467	346	99,148
BIVINS B-1	Sep-15	27,739	7,834,141	622	295,572	6,800	1,897,864	18,104	5,043,248	1,887	517,316	327	80,141
BIVINS B-2	Sep-15	22,617	6,508,732	430	122,616	5,774	1,630,304	14,494	4,229,740	1,524	435,156	396	90,915
BUSH A-1	Sep-15	0	5,721,962	0	104,140	0	1,356,677	0	3,830,281	0	374,216	0	56,647
BUSH A-3	Sep-15	24,074	11,952,401	8,099	2,806,289	6,128	2,954,381	8,686	5,527,907	963	559,310	198	104,514
BUSH A-4	Sep-15	17,028	8,549,218	1,785	1,571,125	4,359	2,137,812	9,733	4,336,343	1,054	442,324	97	61,615
BUSH A-5	Sep-15	35,490	16,369,838	9,737	3,756,251	9,080	4,107,981	14,827	7,617,183	1,636	774,507	209	113,916
BUSH A-8	Sep-15	11,857	4,157,071	220	76,157	2,956	1,006,326	7,690	2,746,333	799	276,603	192	51,651
BUSH A-9	Sep-15	0	3,860,915	0	105,037	0	930,915	0	2,537,187	0	253,463	0	34,312
BUSH A-11	Sep-15	4,572	4,500,267	95	131,696	1,098	1,076,328	3,004	2,941,997	311	298,709	63	51,536
BUSH B-1	Sep-15	3,365	3,298,225	61	61,916	800	782,612	2,234	2,204,168	238	217,252	32	32,277
FUQUA A-1	Sep-15	0	2,954,098	0	53,854	0	702,798	0	1,975,175	0	193,573	0	28,699
FUQUA A-2	Sep-15	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Sep-15	0	9,303,909	0	577,005	0	2,277,687	0	5,790,357	0	583,701	0	75,160
TT Fuel	Sep-15	0	0	0	0	0	0	0	0	0	0	0	0
field-wide pcts				16.82%	18.73%	24.98%	24.64%	51.69%	50.68%	5.58%	5.12%	0.94%	0.84%

Latest estimates of reserves and feed to HEU

Based on NITEC's 2003 reserves study
from NITEC's interim report

As of EOM Sep-15

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
Remaining Gas In Place July 2002 181.660
Produced July 2002 through Dec 2002 1.096
Production 2003 - 14 85.349
Injection 2003 - 14 (1.300)
Produced to Date 2015 3.908
Injected to Date 2015 (0.041)
Amount of Raw Gas Available to CHEU 92.648 =====> 11.191 total helium in reservoir
Estimated Bottom Hole Pressure 341.189
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

September - 2015

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	Sep-15	413,216	86,738,394	70,163	21,521,733	103,140	21,757,720	213,066	38,598,356	22,989	4,117,356	3,859	743,230
Calculated Feed	Sep-15	420,183	86,432,439	70,672	21,486,628	104,951	21,675,464	217,174	38,402,823	23,456	4,123,869	3,930	743,656
Feed to Box	Sep-15	416,894	85,897,454	70,672	21,486,807	104,951	21,675,546	217,174	38,402,869	23,456	4,123,871	641	208,361
Cheu Product	Sep-15	91,924	27,088,787	67,919	21,188,639	21,488	5,180,990	1,909	530,264	0	561	607	188,333
Residue	Sep-15	213,840	38,575,132	0	1,782	5,466	953,495	189,136	34,228,607	19,236	3,390,000	1	1,248
Cold Box Vent	Sep-15	73,662	14,642,463	45	88,207	63,204	12,978,394	10,402	1,514,757	0	118	11	60,987
Flare/Boot Strap	Sep-15	73,662	5,158,711	45	48,986	63,204	4,233,396	10,402	776,926	0	93,583	11	5,820
Fuel From Cheu	Sep-15	7,610	1,172,603	4	341	197	34,702	6,137	951,333	1,272	186,227	0	0
Shrinkage/Loss	Sep-15	2,948	415,307	0	0	0	0	0	0	2,948	415,307	0	0
Unaccounted*	Sep-15	26,910	2,647,601	2,704	128,695	14,595	2,041,763	9,588	472,776	(0)	1,102	22	3,265

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)

	Government	Private
Beginning inventory	6,621,556	2,260,178
net acceptances +	0	0
redeliveries	0	(49,933)
In Kind Transfers	(39,068)	39,068
Conservation Crude Sales	0	0
Gain/loss	1,749	
Ending Inventory	6,584,237	2,249,313
Total Helium in Reservoir	11,190,601	
Total Helium in Storage	8,833,550	
Helium in native gas	2,357,051	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	41,061	29,553	71.97%
Measured to Pipeline (Private Plants)	46,010	30,289	65.83%
Measured from Pipeline (Private Plant:	113,414	80,139	70.66%
HEU Production	91,924	67,919	73.89%
Injection	23,132	17,096	73.91%
Production	0	0	
Ending Inventory	45,485	32,274	70.96%
Gain/Loss	3,036	1,749	

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

September - 2015

	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									
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									
Global Gases America, Contract no. INC13-0116									
Month									
FYTD									
Total month	6,190	0	0	0	0	19,618	25,808	25,411	\$1,932,236
Total FYTD	48,645	1	0	0	0	78,609	127,255	125,292	\$9,308,775
Total CYTD	34,399	0	0	0	0	61,746	96,145	94,661	\$7,195,236
Cumulative	1,815,086	108,674	450	271,584	421,753	725,376	3,342,922	3,291,147	\$187,637,984
In Kind Transfers							Month	FYTD	CYTD Cumulative
Transferred							39,068	164,421	100,068 3,263,542
Volume outstanding							27,680		

* Volumes in Mcf at 14.7 psia & 70°F

+ Volumes in Mcf at 14.65 psia & 60°F

**Rounded to nearest dollar

Table 5 - Conservation Crude Sales/Reserve Sell-down
Helium & Natural Gas Sales

September - 2015

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	30,000	30,000	0	\$0		
Cumulative	315,217		285,217	\$20,224,815		
<u>Air Products, L.P.</u>						
Month	0	0	0	\$0		
FYTD	125,000	125,000	0	\$0		
Cumulative	7,835,561		7,710,561	\$532,797,027		
<u>Linde Gas North America, LLC</u>						
Month	0	0	0	\$0		
FYTD	0	0	0	\$0		
Cumulative	5,890,632		5,890,632	\$390,129,669		
<u>Keyes Helium Co., LLC</u>						
Month	0	0	0	\$0		
FYTD	0	0	0	\$0		
Cumulative	956,113		956,113	\$63,831,798		
<u>Matheson Tri-Gas, Inc.</u>						
Month	0	(15,000)	15,000	\$1,580,000		
FYTD	15,000	0	15,000	\$1,580,000		
Cumulative	39,000		39,000	\$3,497,500		
<u>Praxair, Inc.</u>						
Month	0	0	0	\$0		
FYTD	90,000	90,000	0	\$0		
Cumulative	5,036,572		4,946,572	\$356,081,964		
<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		
<u>Global Gases America</u>						
Month	0	0	0	\$0		
FYTD	0	0	0	\$0		
Cumulative	22,967		22,967	\$2,112,565		
<u>Airgas Merchant Gases</u>						
Month	0	0	0	\$0		
FYTD	0	0	0	\$0		
Cumulative	15,667		15,667	\$1,488,365		
<u>IACX Energy</u>						
Month	0	0	0	\$0		
FYTD	15,000	15,000	0	\$0		
Cumulative	15,000		0	\$0		
Total month		0	(15,000)	15,000		0
Total FYTD		275,000	260,000	15,000		\$0
Total CYTD		275,000		15,000		\$0
Cumulative		20,326,729		20,066,729		\$1,381,198,703
Conservation Crude Transfers			Month	FYTD	CYTD	Cumulative
Transferred			0	1,061,902	0	20,051,729
Volume outstanding			15,000			

* 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	205,592	---	226,260	1,101	(\$27,997)
FYTD	2,562,803	---	2,784,570	1,087	(\$336,326)
Cumulative	37,957,984	---	41,642,859	1,097	(\$4,248,415)
<u>Minerals Management Service</u>					
		No Longer Provides Natural Gas Marketing Services			
Cumulative	---	---	---	---	(\$179,913)
<u>Tenaska</u>					
		Purchaser - Natural Gas			
Month	---	---	224,600	\$2.501289	\$561,790
FYTD	---	---	2,774,850	\$2.801864	\$7,774,753
Cumulative	---	---	41,317,213	\$4.715376	\$193,999,655
<u>Sandstone</u>					
		Purchaser - Natural Gas Liquids			
Month	---	64,975	7,034	\$4.358947	\$30,661
FYTD	---	864,071	89,003	\$6.177522	\$549,818
Cumulative	---	11,464,299	1,219,675	\$12.009094	\$14,647,192
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$\$ Per Unit (\$\$/Dth)	Total (\$\$)
Total month	205,592	64,975	231,634	\$2.436833	\$564,453
Total FYTD	2,562,803	864,071	2,863,853	\$2.789335	\$7,988,246
Total CYTD	1,804,048	610,305	2,038,721	\$2.484350	\$5,064,897
Cumulative	37,957,984	11,464,299	42,536,888	\$4.820406	\$204,218,518

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

September - 2015

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$1,601,625	\$17,461,809
Natural Gas Royalties (1)	\$0	\$0
Natural Gas Rentals	\$0	\$0
Other	\$32,580	\$357,171
Revenue Collected from Federal Lease Holds	\$1,537,520	\$17,461,809

*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	49
Total Number of Samples Analyzed For Resources Division	0	47
Total Number of Other Samples Analyzed (2)	13	120

U. S. Helium Production

<i>Domestic</i>	FY Volume		CY Volume
2010 Helium Sold	4,558,202		4,691,987
2011 Helium Sold	4,531,140		4,645,930
2012 Helium Sold	4,725,187		4,623,130
2013 Helium Sold	4,279,765		4,166,708
2014 Helium Sold	3,815,746		3,466,014
Estimated Helium Resources as of 12/31/2006(Mcf)			732,000,000

	FY-2014	FY-2014
U.S. Helium Exports (3)	2,553,129	2,432,311

(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

September - 2015

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	46,010	65.7%	30,206	354,454	264,628	31,444,228	113,056	54,498,263			
Crude Disposed	113,414	70.7%	80,139	1,157,724	872,270	50,389,055	73,988	31,825,405			
Grade-A Rdlvrd	0		0	0	0	1,478,718					\$7,509 Storage Fees
Net/Balance	(67,404)		(49,933)	(803,270)	(607,642)	(20,423,545)	39,068	22,672,858		2,249,313	\$110,051 RMF Fees
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											
Global Gases America, Contract no. 2013-3293											
Crude Acquired											
Crude Disposed											
Net/Balance											
Linn Operating, Inc., Contract no. 2015-3296											
Crude Acquired											
Crude Disposed											
Net/Balance											

Government Helium

Remaining Crude Acquired beginning of the month	6,621,556
Crude Disposed: In Kind Sales transferred for the month	(39,068)
Conservation Crude Sales/Reserve Sell Down transferred (month)	0
Gains and Losses for the month	1,749
Net/Balance of Purchased Helium Remaining for Sale	6,584,237

Includes In Kind and Conservation Crude transfers from Government storage***Rounded to nearest dollar**

Table 8 - Compression & CHEU (Charges & Operations) September - 2015

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$2.50	\$3.34	\$5.03
Fuel used * (now includes field compression well head)	total MMBTU	8,797	101,232	1,629,289
Field Compression Fuel Cost *	\$dollars	\$0	\$0	\$654,398
CHEU Compression Fuel Cost *	\$dollars	\$14,128	\$171,708	\$4,204,159
CHEU Process Fuel Cost *	\$dollars	\$7,865	\$101,928	\$2,807,425
Rental compressor(s) fuel consumed (well head)	\$dollars	\$0	\$9,575	\$207,234
Rental Compressor(s) helium in fuel (Mcf x \$\$)	\$dollars	\$0	\$55,332	\$315,893
Rental compressor(s) helium in fuel (Mcf)	Mcf	0	522	3645
#1 Compressor run time *	hours	717	5,855	95,319
#2 Compressor run time *	hours	284	5,109	59,764
#3 Compressor run time *	hours	411	4,968	57,980

* Field/CHEU Compressor Operations based on Sep 15 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)	(\$56,477)	(\$677,725)	(\$11,205,356)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$13,232	\$158,782	\$2,791,978
Net Total - Cliffside Refiners, LP	(\$43,245)	(\$518,944)	(\$8,413,377)

* BLM provided fuel cost is based on Aug 15 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	720	100.0%	8,655	98.8%	104,364
Producing residue gas	720	100.0%	8,309	94.9%	102,718
Producing helium product	720	100.0%	8,111	92.6%	99,565
Producing natural gas liquids	720	100.0%	8,288	94.6%	98,358

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$110,051	\$2,186,855	\$29,505,202
Total operating costs	(\$787,798)	(\$9,422,674)	(\$127,224,506)
Labor	\$76,760	\$921,117	\$12,775,203
Compressor fuel cost Aug 15	\$12,854	\$179,917	\$4,235,184
HEU fuel cost Aug 15	\$7,748	\$105,541	\$2,840,087
Electrical power cost Aug 15	\$126,623	\$1,610,920	\$19,351,104
Other	\$68,908	\$666,310	\$12,217,256
Sub Total - Items provided by BLM	\$292,893	\$3,483,806	\$54,628,189
Total - Cliffside Refiners, LP, GDA030001	(\$494,906)	(\$5,938,869)	(\$72,596,318)

***Rounded to nearest dollar**

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Sep 15	2,721	32,507	510,734
Cheu Pure Water Usage (gallons) Sep 15	23	7,945	284,923
Electricity Metered (Kwh) consumed Aug 15	2,561,438	30,671,706	96,697,871