Bureau of Land Management



Amarillo Field Office Helium Operations Statistical Report for

July - 2016



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 -Division Of Helium Operations, -Engineering and Technical Support

List of Tables

Table 1 - Summary of Helium OperationsTable 2 - Bush Dome Reservoir OperationsTable 3 - Gas Volumes & InventoryTable 4 - In Kind Helium SalesTable 5 - Conservation Crude Sales/Reserve Sell-downTable 5 - Natural Gas/Liquid SalesTable 6 - Helium Resources EvaluationTable 7 - Helium Storage Contract ActivityTable 8 - Compression & CHEU (Charges & Operations)

Amarillo, Texas Compiled by: Joan Grochowina Issued: September 27, 2016

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

Approved for Distribution: Samual R.M. Burton

Date: September 27, 2016

Table 1 - Summary of Helium Operations

Helium Enrichment Unit Operations	Month Gross Volumo	Month Not Holium	Avorage Borgent		
Gas Processed Measured Plant Feed (Mcf*)	Gross Volume	Net Helium	Average Percent	Gross FYTD	Net FYTD
Helium Product (<i>Mcf*</i>)	451,058	71,540	15.86%	3,360,115	586,484
Residue Natural Gas (<i>Mcf*</i>)	84,417	63,197	74.86%	736,148	548,470
Volumes in Mcf at 14.65 psia & 60°F	195,411	55	0.03%	1,508,475	256
Natural Gas & Liquids Produced					
Gas Processed				Month	FYTI
Natural Gas Sales (<i>Mcf***</i>)				192,939	1,495,92
NGL Sales (gallons)				59,036	441,44
*** Volumes in Mcf at 14.73 psia & 60°F					,
Bush Dome Reservoir Operations	Month	Month			
Conservation gases from all sources	Gross Volume	Net Helium	Average Percent	Gross FYTD	Net FYTE
Total Withdrawn <i>(Mcf*)</i>	443,510	69,091	15.58%	3,414,863	598,230
Crude Injection (Mcf*)	0	0	00.00%	71,898	53,25
Crude Production (Mcf*)	0	0	00.00%	37,008	27,164
* Volumes in Mcf at 14.65 psia & 60°F					· · · · · ·
Storage Operations	ГТ				
Conservation Helium	Volume Outstanding	Month	FYTD	CYTD	Cumulativ
Conservation Crude Sale Volume Sold/Paid (Mcf*)		0	886,000	0	20,952,729
Conservation Crude Sale Volume Transferred (Mcf*)	15,000	0	886,000	0	20,937,729
Conservation Helium in Storage (EOM) (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F		5,537,540			
	_				
In Kind Helium		Month	FYTD	CYTD	Cumulativ
Sale Volumes Transferred (Mcf*)		34,330	118,020	93,255	3,381,56
Sale Volumes Outstanding (Mcf*)		6,183			
Private Company Helium Storage Contracts		Month Gross Volume	Month Net Helium	Average Percent	Annual Helium FYTD
Private Company Helium Storage Contracts Contact Activity				Average Percent 65.52%	Helium FYTD
Private Company Helium Storage Contracts Contact Activity Crude Acquired (<i>Mcf*</i>)		Gross Volume	Net Helium		Helium FYTD 388,960
Private Company Helium Storage Contracts Contact Activity Crude Acquired (<i>Mcf*</i>) Crude Disposed (<i>Mcf*</i>)		Gross Volume 46,738	Net Helium 30,625	65.52%	Helium FYTD 388,960 881,572
Private Company Helium Storage Contracts Contact Activity Crude Acquired (<i>Mcf*</i>) Crude Disposed (<i>Mcf*</i>) Net Balance (<i>Mcf*</i>) Balance of Stored Helium End Of Month (<i>Mcf*</i>)		Gross Volume 46,738 131,838	Net Helium 30,625 95,242	65.52%	Helium FYTD 388,960 881,572
* Volumes in Mcf at 14.65 psia & 60°F Private Company Helium Storage Contracts Contact Activity Crude Acquired (<i>Mcf*</i>) Crude Disposed (<i>Mcf*</i>) Net Balance (<i>Mcf*</i>) Balance of Stored Helium End Of Month (<i>Mcf*</i>) * Volumes in Mcf at 14.65 psia & 60°F		Gross Volume 46,738 131,838	Net Helium 30,625 95,242 (64,617)	65.52%	Helium FYTD 388,960 881,572
Private Company Helium Storage Contracts Contact Activity Crude Acquired (<i>Mcf*</i>) Crude Disposed (<i>Mcf*</i>) Net Balance (<i>Mcf*</i>) Balance of Stored Helium End Of Month (<i>Mcf*</i>) * Volumes in Mcf at 14.65 psia & 60°F <u>Revenue / Charges</u>		Gross Volume 46,738 131,838	Net Helium 30,625 95,242 (64,617)	65.52% 72.24%	Helium FYTD 388,960 881,572 (492,612
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F <u>Revenue / Charges</u> Helium Storage Contracts (Charges Billed (\$)		Gross Volume 46,738 131,838	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month	Helium FYTD 388,960 881,572 (492,612 FYT
Private Company Helium Storage Contracts Contact Activity Crude Acquired (<i>Mcf*</i>) Crude Disposed (<i>Mcf*</i>) Net Balance (<i>Mcf*</i>) Balance of Stored Helium End Of Month (<i>Mcf*</i>) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$)		Gross Volume 46,738 131,838	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month \$564,825	Helium FYTD 388,960 881,572 (492,612 FYT \$4,246,745
Private Company Helium Storage Contracts Contact Activity Crude Acquired (<i>Mcf*</i>) Crude Disposed (<i>Mcf*</i>) Net Balance (<i>Mcf*</i>) Balance of Stored Helium End Of Month (<i>Mcf*</i>) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$)		Gross Volume 46,738 131,838	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month	Helium FYTD 388,960 881,572 (492,612 FYT \$4,246,745
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$)		Gross Volume 46,738 131,838	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month \$564,825	Helium FYTD 388,960 881,572 (492,612 (492,612 FYT \$4,246,745 \$2,093,326
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Field Compressor Charges (Charges Billed (\$)		Gross Volume 46,738 131,838	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month \$564,825 \$56,843	Helium FYTD 388,960 881,572 (492,612 (492,612 54,246,745 \$4,246,745 \$2,093,325 FYT
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Field Compressor Charges (Charges Billed (\$) Funded by the Refiners (provides for booster compression servited)	· ·	Gross Volume 46,738 131,838 (85,100)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month \$564,825 \$56,843 Month	Helium FYTD 388,960 881,572 (492,612 (492,612 54,246,745 \$4,246,745 \$2,093,326 FYT (\$217,296
Private Company Helium Storage Contracts Contact Activity Crude Acquired (<i>Mcf*</i>) Crude Disposed (<i>Mcf*</i>) Net Balance (<i>Mcf*</i>) Balance of Stored Helium End Of Month (<i>Mcf*</i>) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges	· ·	Gross Volume 46,738 131,838 (85,100)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month \$564,825 \$56,843 Month \$0	Helium FYTD 388,960 881,572 (492,612 FYT \$4,246,745 \$2,093,326 FYT (\$217,296 \$88.812
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Field Compressor Charges (Charges Billed (\$) Funded by the Refiners (provides for booster compression servi Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses Net-Total (Funded by the Refiners for compression costs.)	· ·	Gross Volume 46,738 131,838 (85,100)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0	Helium FYTD 388,960 881,573 (492,613 (492,613 FYT \$4,246,743 \$2,093,323 FYT (\$217,290 \$88,811 (\$128,475
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Field Compressor Charges (Charges Billed (\$) Funded by the Refiners (provides for booster compression servic Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses Net-Total (Funded by the Refiners for compression costs.) Enrichment Unit Charges (Charges Billed (\$)	· ·	Gross Volume 46,738 131,838 (85,100)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0 Month	Helium FYTD 388,96i 881,57: (492,61: FYT \$4,246,74: \$2,093,32i FYT (\$217,29i \$88,81: (\$128,47: FYT
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Fueld Compressor Charges (Charges Billed (\$) Fueld Refiners, LP, by Agreement #GDA010003 (reimburses Net-Total (Funded by the Refiners for compression costs.) Enrichment Unit Charges (Charges Billed (\$) Reservior Management Fees (RMF)	· ·	Gross Volume 46,738 131,838 (85,100)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0 Month \$56,843	Helium FYTD 388,960 881,572 (492,612 FYT \$4,246,743 \$2,093,320 FYT (\$217,290 \$88,811 (\$128,475 FYT \$2,093,320
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Fueld Compressor Charges (Charges Billed (\$) Fueld Refiners, LP, by Agreement #GDA010003 (reimburses Net-Total (Funded by the Refiners for compression costs.) Enrichment Unit Charges (Charges Billed (\$) Reservior Management Fees (RMF) Total operating costs	· ·	Gross Volume 46,738 131,838 (85,100)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0 \$0 \$0 \$0 \$0 \$0	Helium FYTD 388,960 881,572 (492,612 FYT \$4,246,742 \$2,093,320 FYT (\$217,290 \$88,811 (\$128,472 FYT \$2,093,320 (\$8,204,252
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Field Compressor Charges (Charges Billed (\$) Funded by the Refiners (provides for booster compression servic) Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses) Net-Total (Funded by the Refiners for compression costs.) Enrichment Unit Charges (Charges Billed (\$) Reservor Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Didal of thems provided by BLM	· ·	Gross Volume 46,738 131,838 (85,100)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0 Month \$56,843	Helium FYTD 388,960 881,572 (492,612 FYT \$4,246,742 \$2,093,320 FYT (\$217,290 \$88,811 (\$128,472 FYT \$2,093,320 (\$8,204,252 \$3,213,444
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Fueld Compressor Charges (Charges Billed (\$) Fueld Refiners, LP, by Agreement #GDA010003 (reimburses Net-Total (Funded by the Refiners for compression costs.) Enrichment Unit Charges (Charges Billed (\$) Reservor Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001	BLM for fuel, labor, su	Gross Volume 46,738 131,838 (85,100)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Helium FYTD 388,960 881,572 (492,612 (492,612 FYT \$4,246,742 \$2,093,322 FYT (\$217,290 \$88,812 (\$128,479 \$2,093,322 (\$128,479 \$2,093,322 (\$128,479 \$2,093,322 (\$128,479 \$2,093,322 (\$128,479 \$2,093,322 (\$128,479 \$2,093,322 (\$128,479 \$2,093,322 (\$128,479 \$2,093,322 \$3,213,444 (\$4,990,800
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Field Compressor Charges (Charges Billed (\$) Funded by the Refiners (provides for booster compression servi Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses Net-Total (Funded by the Refiners for compression costs.) Enrichment Unit Charges (Charges Billed (\$) Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001 Conservation Helium - Natural Gas - Liquid \$	BLM for fuel, labor, su	Gross Volume 46,738 131,838 (85,100)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Helium FYTD 388,960 881,572 (492,612 FYT \$4,246,742 \$2,093,320 FYT (\$217,290 \$88,811 (\$128,479 \$2,093,320 FYT \$2,093,320 (\$82,04,252 \$3,213,444 (\$4,990,800 FYT
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Field Compressor Charges (Charges Billed (\$) Funded by the Refiners (provides for booster compression servi Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses Net-Total (Funded by the Refiners for compression costs.) Enrichment Unit Charges (Charges Billed (\$) Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001 Conservation Helium - Natural Gas - Liquid S Conservation Crude Helium Sales	BLM for fuel, labor, su	Gross Volume 46,738 131,838 (85,100) pplies, etc.)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Helium FYTD 388,960 881,572 (492,612 FYT \$4,246,742 \$2,093,320 FYT (\$217,290 \$88,817 (\$128,475 \$2,093,320 FYT \$2,093,320 (\$8,204,252 \$3,213,444 (\$4,990,800 FYT \$2,093,320 \$3,213,444 (\$4,990,800 FYT \$2,093,320 \$3,213,444 \$4,240,545 \$3,213,444 \$4,240,545 \$3,213,444 \$4,240,545 \$4,245,545 \$4,455,545 \$4,455,555,545 \$4,455,545,5555 \$4,455,5555,5555 \$4,455,5555
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Field Compressor Charges (Charges Billed (\$) Funded by the Refiners (provides for booster compression servi Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses Net-Total (Funded by the Refiners for compression costs.) Enrichment Unit Charges (Charges Billed (\$) Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001 Conservation Helium - Natural Gas - Liquid S Conservation Crude Helium Sales In Kind Sales	BLM for fuel, labor, su	Gross Volume 46,738 131,838 (85,100) pplies, etc.)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Helium FYTD 388,960 881,572 (492,612 FYT \$4,246,742 \$2,093,320 FYT (\$217,290 \$88,811 (\$128,479 FYT \$2,093,320 (\$8,204,250 \$3,213,440 (\$4,990,800 FYT \$2,093,320 (\$8,204,250 \$3,213,440 (\$4,990,800 FYT \$2,093,320 \$3,213,440 \$4,240,740 \$4,240,740 \$3,213,440 \$4,240,740 \$4,240,740 \$3,213,440 \$4,240,740 \$4,240,740 \$3,213,440 \$4,240,740 \$4,40
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F <u>Revenue / Charges</u> Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Field Compressor Charges (Charges Billed (\$) Funded by the Refiners (provides for booster compression servi Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses Net-Total (Funded by the Refiners for compression costs.)	BLM for fuel, labor, su	Gross Volume 46,738 131,838 (85,100) pplies, etc.)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Helium FYTD 388,960 881,572 (492,612 FYT \$4,246,742 \$2,093,320 FYT (\$217,290 \$88,811 (\$128,479 FYT \$2,093,320 (\$8,204,250 \$3,213,440 (\$4,990,800 FYT \$2,093,320 (\$8,204,250 \$3,213,440 (\$4,990,800 FYT \$2,093,320 \$3,213,440 \$4,240,740 \$4,240,740 \$3,213,440 \$4,240,740 \$4,240,740 \$3,213,440 \$4,240,740 \$4,240,740 \$3,213,440 \$4,240,740 \$4,40
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Field Compressor Charges (Charges Billed (\$) Funded by the Refiners (provides for booster compression servi Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses Net-Total (Funded by the Refiners for compression costs.) Enrichment Unit Charges (Charges Billed (\$) Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001 Conservation Helium - Natural Gas - Liquid S Conservation Crude Helium Sales In Kind Sales Natural Gas & Liquid Sales	BLM for fuel, labor, su	Gross Volume 46,738 131,838 (85,100) pplies, etc.)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Helium FYTD 388,960 881,572 (492,612 FYT \$4,246,743 \$2,093,326 FYT (\$217,296 \$88,817 (\$128,475 \$2,093,326 (\$8,204,255 \$3,213,446 (\$4,990,806 FYT \$2,093,326 \$3,213,446 (\$4,990,806 FYT \$0 \$7,893,382 \$3,127,136
Private Company Helium Storage Contracts Contact Activity Crude Acquired (Mcf*) Crude Disposed (Mcf*) Net Balance (Mcf*) Balance of Stored Helium End Of Month (Mcf*) * Volumes in Mcf at 14.65 psia & 60°F Revenue / Charges Helium Storage Contracts (Charges Billed (\$) Storage Fees Billed (\$) Reservoir Management Fees Billed (\$) Field Compressor Charges (Charges Billed (\$) Funded by the Refiners (provides for booster compression servi Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses Net-Total (Funded by the Refiners for compression costs.) Enrichment Unit Charges (Charges Billed (\$) Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001 Conservation Helium - Natural Gas - Liquid S Conservation Crude Helium Sales In Kind Sales	BLM for fuel, labor, su	Gross Volume 46,738 131,838 (85,100) pplies, etc.)	Net Helium 30,625 95,242 (64,617)	65.52% 72.24% 72.24% Month \$564,825 \$56,843 Month \$0 <u>\$0</u> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Helium FYTD 388,960 881,572

Table 2 - Bush Dome Reservoir Operations

July - 2016

	1	Gross V	Vithdrawal	Net Helium	Withdrawal	Nitro	ogen	Methane	Methane	Ethar	ne plus	Other (CO2,	Ar, H2)
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
<u>TOTAL</u>		443,510	225.053.393	<u>69,091</u>	<u>42,107,526</u>	111,027	<u>55,455,312</u>	235,140	<u>114,071,929</u>	24,276	<u>11,531,393</u>	<u>3.975</u>	1,887,233
BIVINS A-3	Jul-16	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	Jul-16	30,509	11,498,055	14,696	6,832,887	7,713	2,825,603	7,108	1,624,616	766	160,967	227	53,982
BIVINS A-13	Jul-16	23,133	8,534,846	8,070	4,477,511	5,830	2,194,365	8,115	1,632,215	943	181,362	176	49,393
BIVINS A-14	Jul-16	27,276	9,602,015	8,526	5,513,873	6,812	2,434,317	10,522	1,440,944	1,171	156,136	245	56,745
BIVINS A-4	Jul-16	34,125	13,523,592	3,930	2,394,832	8,257	3,276,764	19,547	7,025,502	2,039	706,091	350	120,402
BUSH A-2	Jul-16	39,551	13,203,395	3,666	1,956,308	9,930	3,237,845	23,158	7,164,253	2,530	734,757	266	110,233
Injection	Jul-16	0	66,464,971	0	48,012,584	0	17,119,298	0	780,461	0	36	0	552,592
inj Bivins A-3	Jul-16	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-16	0	(24,402,922)	0	(17,662,775)	0	(6,484,304)	0	(142,978)	0	(71)	0	(112,794)
inj Bivins A-13	Jul-16	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-16	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-16	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Jul-16	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Jul-16	0	1,254,876	0	924,742	0	270,231	0	48,129	0	3,199	0	8,575
BIVINS A-1	Jul-16	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Jul-16	17,709	14,010,034	591	1,880,932	4,139	3,431,177	11,605	7,802,879	1,200	778,110	175	116,936
BIVINS A-5	Jul-16	18,706	16,055,241	3,529	2,047,464	4,779	3,936,366	9,259	9,023,901	996	908,556	143	138,954
BIVINS A-7	Jul-16	15,822	11,822,047	4,680	2,789,254	4,129	2,977,108	6,229	5,416,755	681	552,599	103	86,331
BIVINS A-9	Jul-16	28,413	10,447,566	681	199,313	7,288	2,570,916	18,236	6,885,839	1,970	696,211	237	95,287
BIVINS A-11	Jul-16	20,371	6,454,224	600	139,347	5,187	1,605,790	12,989	4,215,200	1,400	433,097	195	60,790
BIVINS A-15	Jul-16	30,790	9,863,174	538	431,362	7,216	2,349,539	20,539	6,344,649	2,123	635,463	374	102,160
BIVINS B-1	Jul-16	32,046	8,075,035	737	300,935	8,120	1,957,232	21,628	5,201,342	1,404	532,785	157	82,741
BIVINS B-2	Jul-16	24,386	6,704,613	463	126,344	6,199	1,680,221	15,631	4,355,257	1,660	448,399	434	94,392
BUSH A-1	Jul-16	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-16	22,132	12,147,989	7,602	2,873,061	5,631	3,004,165	7,854	5,597,643	863	566,991	183	106,129
BUSH A-4	Jul-16	18,690	8,659,044	1,724	1,581,444	4,791	2,165,944	10,911	4,400,234	1,158	449,185	106	62,236
BUSH A-5	Jul-16	31,560	16,648,116	8,525	3,831,309	8,085	4,179,199	13,331	7,734,661	1,437	787,395	182	115,552
BUSH A-8	Jul-16	17,794	4,269,896	330	78,260	4,415	1,034,368	11,545	2,819,396	1,212	284,386	293	53,486
BUSH A-9	Jul-16	0	3,860,915	0	105,037	0	930,915	0	2,537,187	0	253,463	0	34,312
BUSH A-11	Jul-16	6,294	4,557,293	128	132,872	1,513	1,090,038	4,140	2,979,487	425	302,568	88	52,328
BUSH B-1	Jul-16	4,203	3,333,967	75	62,581	993	791,085	2,793	2,227,881	301	219,785	41	32,635
FUQUA A-1	Jul-16	0	2,954,098	0	53,854	0	702,798	0	1,975,175	0	193,573	0	28,699
FUQUA A-2	Jul-16	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Jul-16	0	9,303,912	0	577,005	0	2,277,687	0	5,790,357	0	583,701	0	75,162
TT Fuel	Jul-16	900	0	1	0	38	0	734	0	126	0	1	0
field-	wide pcts			15.58%	18.71%	25.03%	24.64%	53.02%	50.69%	5.47%	5.12%	0.90%	0.84%

Latest estimates of reserves and feed to HEU

Jul-16

As of EOM

Volumes in BCF

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

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 - 15	90.147	23.308	
Injection 2003 - 15	(1.394)	(1.137)	
Produced to Date 2016	2.525	0.452	
Injected to Date 2016	(0.019)	(0.014)	
Amount of Raw Gas Available to CHEU	89.305 ====>	10.646 total helium in reservoir	est z-factor
Estimated Bottom Hole Pressure	328.890		0.980

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

Table 3 - Gas Volumes & Inventory

Crude Helium Enrichment Unit Operations

		Gross W	/ithdrawal	Net Helium	Withdrawal	Niti	rogen	Met	hane	Ethar	ne plus	Other (C(D2, Ar, H2)
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
Measured Feed	Jul-16	451,058	90,098,509	71,540	22,108,216	112,792	22,593,396	237,939	40,319,623	24,755	4,301,064	4,032	776,210
Calculated Feed	Jul-16	442,610	89,830,598	69,091	22,079,732	110,989	22,522,110	234,406	40,143,535	24,150	4,309,703	3,974	775,518
Feed to Box	Jul-16	439,250	89,269,044	69,091	22,079,911	110,989	22,522,192	234,406	40,143,581	24,150	4,309,704	614	213,657
Cheu Product	Jul-16	84,417	27,824,935	63,197	21,737,109	18,822	5,347,644	1,788	546,375	51	639	558	193,169
Residue	Jul-16	195,411	40,083,607	55	2,038	5,218	991,286	172,833	35,563,722	17,303	3,525,305	2	1,256
Cold Box Vent	Jul-16	57,339	15,155,870	82	89,057	52,191	13,415,865	5,053	1,589,742	0	118	13	61,089
Flare/Boot Strap	Jul-16	57,339	5,672,118	82	49,836	52,191	4,670,867	5,053	851,911	0	93,583	13	5,923
Fuel From Cheu	Jul-16	3,752	1,226,905	2	368	97	36,109	3,026	995,127	627	195,301	0	0
Shrinkage/Loss	Jul-16	1,753	440,306	0	0	0	0	0	0	1,753	440,306	0	0
Unaccounted*	Jul-16	21,836	2,917,538	1,911	156,832	11,954	2,167,779	7,957	588,058	(0)	1,371	14	3,499

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)		
	Government	Private
Beginning inventory	5,571,832	2,791,008
net acceptances +	0	0
redeliveries	0	(64,617)
In Kind Transfers	(34,330)	34,330
Conservation Crude Sales	0	0
Gain/loss	38	
Ending Inventory	5,537,540	2,760,721
Total Helium in Reservoir	10,645,622	
Total Helium in Storage	8,298,261	
Helium in native gas	2,347,361	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	29,432	21,665	73.61%
Measured to Pipeline (Private Plants)	46,738	30,901	66.12%
Measured from Pipeline (Private Plant	131,838	95,242	72.24%
HEU Production	84,417	63,197	74.86%
Injection	0	0	00.00%
Production	0	0	
Ending Inventory	28,557	20,559	71.99%
Gain/Loss	(192)	38	

Tuck Trigg Reservoir Operations

			Since Field
Native Gas (Gross)	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

July - 2016

Table 4 - In Kind Helium Sales

July - 2016

			ales					oury	- 2010	
	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges	Billed (\$)**
				In Ki	nd Heli	um				
AirGas South West Month	t, Contract no	o. INC98-0101								(billed quarterly)
FYTD										
AirGas North Cent	ral, Contract	no. INC98-01	02							
Month										
FYTD AirGas Intermount	ain Contract	no INC98-01	03							
Month										
FYTD										
Air Liquide Helium	America, Inc	., Contract n	o. INC98-	0104						
FYTD										
Air Products, L.P.,	Contract no.	INC98-0105								
Month FYTD										
Linde Gas North A	merica. LLC.	Contract no.	INC98-01	06						
Month										
FYTD			_							
Corp Brothers, Inc Month	., Contract no	5. INC98-0107								
FYTD										
FIBA Technologies	s, Inc., Contra	act no. INC98	-0108							
Month FYTD										
General Air Service	e & Supply C	o Contract r	no. INC98	-0109						
Month		,								
FYTD		0440								
Praxair, Inc., Contr Month	act no. INC98	8-0112								
FYTD										
United States Weld	ding, Inc., Co	ntract no. INC	98-0113							
Month FYTD										
Matheson Tri-Gas,	Inc., Contrac	t no. INC98-0	0114							
Month										
FYTD		5								
GT & S, Contract n Month	I. INCOU-011	5								
FYTD			440							
Global Gases Ame	rica, Contrac	t no. INC13-0	116							
FYTD										
Total month	0	0	0	0		0	0	0		\$0
Total FYTD	0 45,271	0	0	0	0 0	0 52,763	98,034	0 96,523		\$0 \$7,893,382
Total CYTD	33,199	1	0	0	0		67,424	66,385		\$5,602,894
Cumulative	1,860,357	108,675	450	271,584	421,753		3,440,957	3,387,670		\$195,531,366
In Kind Transf	fers						Month	FYTD	CYTD	Cumulative
Transferred							34,330	118,020	93,255	3,381,562
Volume outstanding							6,183			

* 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 8	Natural Gas S	ales	-	
	Award Volume*	Outstanding*	Sales*	Charges I	Billed (\$)**
	Conservatio	n Helium			(billed quarterly)
	Air Liquid	le Helium America, I	nc.		
Month	0	0	0	\$0	
FYTD	20,000	0	50,000	\$5,230,000	
Cumulative	335,217		335,217	\$25,454,815	
Air Products, L.P.					
Month	0	0	0	\$0	
FYTD	193,875	0	318,875	\$33,038,000	
Cumulative	8,029,436		8,029,436	\$565,835,027	
Linde Gas North America, LLC					
Month	0	0	0	\$0	
FYTD	140,021	0	140,021	\$14,562,184	
Cumulative	6,030,653		6,030,653	\$404,691,853	
Keyes Helium Co., LLC					
Month	0	0	0	\$0	
FYTD	21,000	0	21,000	\$2,184,000	
Cumulative	977,113		977,113	\$66,015,798	
Matheson Tri-Gas, Inc.					
Month	0	0	0	\$0	
FYTD	68,000	0	68,000	\$7,072,000	
Cumulative	107,000		107,000	\$10,569,500	
Praxair, Inc.					
Month	0	0	0	\$0	
FYTD	183,104	0	273,104	\$28,407,816	
Cumulative	5,219,676		5,219,676	\$384,489,780	
Linde Gas, LLC discontinued 10 2008					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	200,000		200,000	\$11,035,000	
Global Gases America					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	22,967		22,967	\$2,112,565	
Airgas Merchant Gases					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	15,667		15,667	\$1,488,365	
IACX Energy					
Month	0	0	0	\$0	
FYTD	0	0	15,000	\$1,575,000	
Cumulative	15,000		15,000	\$1,575,000	
Total month	0	0	0		0
Total FYTD	626,000	0	886,000		\$0
Total CYTD	0		0		\$0
Cumulative	20,952,729		20,952,729		\$1,473,267,703
Conservation Crude Transfers		Month	FYTD	CYTD	Cumulative
Transferred		0	886,000	0	20,937,729
Volume outstanding		15,000	000,000	Ū	
volume outstanding	* Volumoo ii	,	60%E		

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas/Liquid Sales

	itatalai eao/Eigala ealeo								
	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	Avg Btu Value	Charges E	Silled (\$)**			
El Paso Natural Gas		Provides Measured F	irm/Interruptible Tran	sportation Services		(billed monthly)			
Month	192,939		212,122	1,099	(\$27,997)				
FYTD	1,495,922		1,648,381	1,102	(\$279,970)				
Cumulative	39,453,906		43,291,240	1,097	(\$4,528,385)				
Minerals Managem	ent Service	No Longer Provides	Natural Gas Marketin	g Services					
Cumulative					(\$179,913)				
<u>Tenaska</u>		Purchaser -	Natural Gas		\$\$/Unit				
Month			206,971	\$2.567025	\$531,300				
FYTD			1,644,192	\$1.946855	\$3,201,003				
Cumulative			42,961,405	\$4.609421	\$197,200,658				
Sandstone		Purchaser - Natural	Gas Liquids						
Month		59,036	6,363	\$4.426645	\$28,167				
FYTD		441,446	47,359	\$4.351902	\$206,102				
Cumulative		11,905,745	1,267,034	\$11.722885	\$14,853,294				
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$\$ Per Unit	(\$\$/Dth)	Total (\$\$)			
Total month	192,939	59,036	213,334	\$2.491255		\$531,469			
Total FYTD	1,495,922	441,446	1,691,551	\$1.848679		\$3,127,135			
Total CYTD	1,112,494	308,700	1,231,984	\$1.866838		\$2,299,914			
Cumulative	39,453,906	11,905,745	44,228,439	\$4.706750		\$207,345,653			

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

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$1,569,942	\$15,360,572
Natural Gas Royalties (1)	\$0	\$0
Natural Gas Rentals	\$0	\$0
Other	<u>\$50,161</u>	<u>\$414,304</u>
Revenue Collected from Federal Lease Holds	\$1,569,223	\$15,412,259

*Totals do not sum

Helium Analysis and Evaulation	Month	FYTD
Number of Sample Request Letters Sent	0	0
Number of Samples Received	0	0
Number of Samples Analyzed	0	2
Total Number of Samples Analyzed For Resources Division	0	3
Total Number of Other Samples Analyzed (2)	12	98

U. S. Helium Production

Domestic	FY Volume		CY Volume
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
2015 Helium Sold	4,559,100		4,644,278
			700 000 000
Estimated Helium Resources as of 12/31/2006(Mcf)	732,000,000		

		FY-2015	CY-2015
U.S. Helium Exports	(3)	2,423,915	2,334,648

(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 All Volumes in Mcf at 14.65 psia & 60°F

July - 2016

All Volumes in Mcf at 14.65 psia & 60°F												
			Metere	ed Gas			Transferre	ed Gas	Stored	Charges	Billed	
(Gross Gas Helium % Helium Helium		Helium		Helium		(\$)**					
		Month		FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD	
Total All Contrac	ts*											
Crude Acquired	46,738	65.5%	30,625	388,960	288,977	31,833,188	76,047	54,994,859				
Crude Disposed	131,838	72.2%	95,242	881,572	691,750	51,270,627	41,717	30,207,956		\$564,825	Storage Fees	
Grade-A Rdlvrd	0		0	0	0	1,478,718				<u>\$56,843</u>	RMF Fees	
Net/Balance	(85,100)		(64,617)	(492,612)	(402,773)	(20,916,157)	34,330	24,786,903	2,760,721	621667.54	\$6,340,073	
Total Prior Contr	acts (TERM	INATED)										
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, LL	.C, Contra	ct no. 324	9						1		
Crude Acquired												
Crude Disposed												
Net/Balance												
Praxair, Inc., Cor	ntract no. 32	51										
Crude Acquired		•										
Crude Disposed												
Net/Balance												
Air Products, L.P	Contract	2256										
	, contract i	10. 3230										
Crude Acquired												
Crude Disposed												
Net/Balance		207										
IACX Energy, Co	ntract no. 32	297										
Crude Acquired												
Crude Disposed												
Net/Balance												
Pioneer Natural I	Resources L	JSA, Inc, C	ontract n	0. 3286								
Crude Acquired												
Crude Disposed												
Net/Balance												
Keyes Helium Co	o., LLC, Con	tract no. 3	287									
Crude Acquired												
Crude Disposed												
Net/Balance												
Air Liquide Heliu	ım America,	Inc., Conti	ract no. 32	284								
Crude Acquired												
Crude Disposed												
Net/Balance												
Matheson Tri-Ga	s, Inc., Cont	ract no. 32	288									
Crude Acquired												
Crude Disposed												
Net/Balance												
Airgas Merchant	Gases, Con	tract no. 3	290									
Crude Acquired												
Crude Disposed												
Net/Balance												
Global Gases An	nerica, Cont	ract no. 32	93									
Crude Acquired												
Crude Disposed												
Net/Balance												
Linn Operating, I	Inc., Contrac	ct no. 3296										
Crude Acquired												
Crude Disposed												
Net/Balance												

Government H	elium				
Remaining Crude	Acquired beginning of the month	5,571,832			
Crude Disposed:	In Kind Sales transferred for the month	(34,330)			
	Conservation Crude Sales/Reserve Sell Down transferred (mont	0			
	Gains and Loses for the month	<u>38</u>			
Net/Balance of Pu	Net/Balance of Purchased Helium Remaining for Sale 5,537,5-				

*Includes In Kind and Conservation Crude transfers from Government storage

Table 8 - Compression & CHEU (Charges & Operations)

July - 2016

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$2.57	\$1.88	\$4.90
Fuel used * (now includes field compression well head)	total MMBTU	5,087	65,919	1,695,208
Field Compression Fuel Cost *	\$dollars	\$0	\$4,049	\$658,447
CHEU Compression Fuel Cost *	\$dollars	\$5,651	\$71,922	\$4,276,081
CHEU Process Fuel Cost *	\$dollars	\$7,422	\$48,246	\$2,855,671
Rental compressor(s) fuel consumed (well head)	\$dollars	\$0	\$0	\$207,234
Rental Compressor(s) helium in fuel (Mcf x \$\$)	\$dollars	\$0	\$0	\$315,893
Rental compressor(s) helium in fuel (Mcf)	Mcf	0	0	3645
#1 Compressor run time *	hours	263	5,715	101,034
#2 Compressor run time *	hours	434	4,760	64,524
#3 Compressor run time *	hours	36	1,101	59,081

* Field/CHEU Compressor Operations based on Jul 16 activity

Ch

Field Compressor Charges Charges Billed (\$)*			(\$)*
Linde Gas North America, LLC, Contract no. 3249			
Praxair, Inc., Contract no. 3251			
Air Products, L.P., Contract no. 3256			
Keyes Helium Co., LLC, Contract no. 3287			
SubTotal - Cliffside Refiners, LP (provides booster compression services)	\$0	(\$217,296)	(\$11,422,651)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	<u>\$0</u>	<u>\$88,817</u>	<u>\$2,880,795</u>
Net Total - Cliffside Refiners, LP	\$0	(\$128,479)	(\$8,541,856)

* BLM provided fuel cost is based on Jun 16 fuel consumed

*Rounded to nearest dollar

Crude Helium Enrichment Unit (CHEU)	Month		FY	Cumulative	
CHEU Runtime	Runtime Hrs	Percent	Runtime Hrs	Percent	Runtime Hrs
Processing feed gas	675	90.7%	6,744	92.1%	111,108
Producing residue gas	514	69.0%	5,708	78.0%	108,426
Producing helium product	459	61.7%	5,412	73.9%	104,977
Producing natural gas liquids	510	68.5%	5,575	76.2%	103,933

	Charges Billed (\$)*		
CHEU Charges	Month	FYTD	Cummulative
Reservior Management Fees (RMF)	\$56,843	\$2,093,328	\$31,598,530
Total operating costs	<u>(\$836,452)</u>	<u>(\$8,204,255)</u>	<u>(\$135,428,761)</u>
Labor	\$130,284	\$1,302,844	\$14,078,047
Compressor fuel cost Jun 16	\$0	\$72,011	\$4,307,195
HEU fuel cost Jun 16	\$0	\$39,380	\$2,879,467
Electrical power cost Jun 16	\$135,753	\$1,099,876	\$20,450,980
Other	<u>\$71,333</u>	<u>\$699,337</u>	<u>\$12,916,593</u>
Sub Total - Items provided by BLM	\$337,371	\$3,213,448	\$57,841,637
Total - Cliffside Refiners, LP, GDA030001	(\$499,081)	(\$4,990,806)	(\$77,587,124)

*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Jul 16	2,720	22,878	533,612
Cheu Pure Water Usage (gallons) Jul 16	324	9,434	294,357
Electricity Metered (Kwh) consumed Jun 16	2,507,492	23,410,147	120,108,018