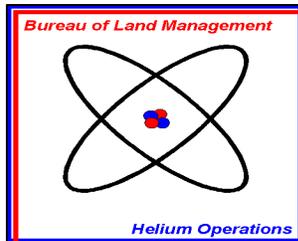


Bureau of Land Management

Amarillo Field Office
Helium Operations



Statistical Report
for
October - 2002



Distribution:

Fluid Minerals Group Manager, Washington Office
New Mexico State Director
Associate State Director
Petroleum Engineer
Field Manager, Amarillo Field Office
Division Chiefs (3)
Team Leaders
-Federal Leased Lands
-Gas Analysis
-Resources Evaluation
-Natural Gas Engineering

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Amarillo, Texas

Issued: February 4, 2003

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Approved for distribution: Nelson R. Bullard /s/

Date: 11/27/2002

Table 1 - Summary of Helium Operations

October - 2002

In Kind Sales	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges Billed (\$)**
Total month	0	0	0	0	0	0	0	0	\$0
Total FYTD	0	0	0	0	0	0	0	0	\$0
Total CYTD	87,362	3,605	0	18,955	16,641	22,255	148,819	146,514	\$7,547,030

In Kind Transfers	Month	FYTD	CYTD	Cumulative
Transferred	50,965	50,965	194,043	976,297
Volume outstanding	30,789			

Purchased Helium	Helium-Gas Mixture	Month Helium Percent	Month Helium	Month Low Purity Helium	FYTD	Month Below 50% Helium	FYTD	FYTD	CYTD Contained Helium	Cumulative
Total purchased										32,176,145
Purchased helium produced / transferred			50,965					50,965	194,043	2,961,637
Balance of purchased helium in storage										29,214,508
Private Plant Activity										
Accepted in storage system	75,290	68.09%	51,266	1,399	1,399	(147)	(147)	51,266	491,803	7,209,442
Redelivered from storage system	(241,796)	67.77%	(163,875)	0	0	0	0	(163,875)	(1,666,278)	(9,819,930)
Total apparent crude produced^	228,413	72.66%	165,956					165,956	1,339,308	NA
Total apparent crude refined^	(344,807)	69.98%	(241,293)					(241,293)	(2,181,622)	NA

Storage Contract Activity	Metered Gas					Transferred Gas		Stored Helium	Charges Billed Dollars**	
	Gross Gas	Helium	Helium	Helium	Cumulative	Month	Cumulative	EOM	Month	FYTD
	Month	FYTD	CYTD							
Crude Acquired	75,001	51,119	51,119	489,719	24,584,340	132,671	24,853,201			
Crude Disposed	241,796	163,875	163,875	1,666,158	21,645,559	81,706	23,876,635			
Grade-A Rdlvrd	0	0	0	0	1,427,554	0	0			
Net/Balance	(166,795)	(112,756)	(112,756)	(1,176,439)	1,511,227	50,965	976,566	1,793,947	\$360,000	\$360,000

Bush Dome Reservoir Operations	Month		Fiscal Year		Since Start of Conservation Program		Since Field Discovery	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
Conservation gases from all sources								
In underground storage, beg. of period	43,146,344	31,097,065	43,146,344	31,097,065	490,620	490,620	0	0
Net Activity	(149,154)	(109,488)	(149,154)	(109,488)	42,506,570	30,496,957	42,997,190	30,987,577
Total in underground storage	42,997,190	30,987,577	42,997,190	30,987,577	42,997,190	30,987,577	42,997,190	30,987,577

Native Gas	Month	Fiscal Year	Since Start of Conservation Program	Since Field Discovery
Total in place, beg. of period	208,721,080	208,721,080	265,724,755	318,727,000
Net Activity	(14,306)			
Total in place, end of month	208,706,774			

Native Gas plus Conservation Gases	Month	Fiscal Year	Since Start of Conservation Program	Since Field Discovery
Total gases in place, beg. of period	251,867,424	251,867,424	266,215,375	318,727,000
Net Activity	(163,460)	(163,460)	(14,511,411)	(67,023,036)
Total gases in place, end of month	251,703,964	251,703,964	251,703,964	251,703,964

Helium Resources Evaluation	Month	FYTD
Revenue Collected from Federal Lease Holds	\$170,378	\$170,378
Helium Sample Collection Report	Submitted 0	Received 0 Analyzed 132
Estimated U.S. Helium Reserves	323,000,000	

Customer Comment Cards Mailed	Month	FYTD
	0	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 5 - Pipeline & Cliffside Field Operations
All Volumes in Mcf at 14.65 psia & 60°F

October - 2002

	1	2	3	4	5	6	7	8
	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)	48,936	34,255	48,936	34,255	0	0		
Measured to pipeline (2)	235,320	160,950	235,320	160,950	108,226,115	77,359,474		
Measured from pipeline (3)	241,796	163,876	241,796	163,876	42,573,295	30,402,601		
Measured into Bush Dome (4)	0	0	0	0	64,353,584	46,235,012		
Calculated inventory (1+2-3-4)	42,460	31,329	42,460	31,329	1,299,236	721,861		
End of period inventory	39,049	27,334	39,049	27,334	39,049	27,334		
Line gain or (loss)	(3,411)	(3,995)	(3,411)	(3,995)	(1,260,187)	(694,527)		
Percent gain (loss) of total measured	-0.715%	-1.230%	-0.715%	-1.230%	-0.586%	-0.451%		
Bush Dome Reservoir Operations								
Conservation gases from all sources								
In underground storage, beg. of period	43,146,344	31,097,065	43,146,344	31,097,065	490,620	490,620	0	0
Injected during period to date	0	0	0	0	64,353,855	46,234,973	64,961,755	46,842,873
Withdrawn during period to date	149,154	109,488	149,154	109,488	21,893,434	15,784,165	22,010,714	15,901,445
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,149
Total in underground storage	42,997,190	30,987,577	42,997,190	30,987,577	42,997,190	30,987,577	42,997,190	30,987,577
Native Gas								
Total in place, beg. of period	208,721,080		208,721,080		265,724,755		318,727,000	
Recoverable in place, beg. of period	199,670,080		199,670,080		256,673,755		309,676,000	
Production during period to date	14,306		14,306		57,017,981		110,020,226	
Total in place, end of month	208,706,774		208,706,774		208,706,774		208,706,774	
Recoverable in place, end of month	199,655,774		199,655,774		199,655,774		199,655,774	
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	251,867,424		251,867,424		266,215,375		318,727,000	
Total gases in place, end of month	251,703,964		251,703,964		251,703,964		251,703,964	
Change during period	(163,460)		(163,460)		(14,511,411)		(67,023,036)	
Ave. reservoir pressure, beg. of period								
	661.0		661.0		685.0		814.1	
Tuck Trigg Reservoir Operations								
Native Gas								
Total in place, beg. of period	5,204,461		5,204,461				5,890,000	
Recoverable in place, beg. of period	4,534,461		4,534,461				5,220,000	
Production during period to date	0		0				685,539	
Total in place, end of month	5,204,461		5,204,461				5,204,461	
Recoverable in place, end of month	4,534,461		4,534,461				4,534,461	
Ave. reservoir pressure, beg. of period								
	484.2		484.2				548.0	
Natural Gas Sales								
Compressor Operation								
			Totals		Cumulative			
			Month	FYTD	12/01/2000			
October - 2002	NGI Mainline Spot Gas Fuel Price	per/MMBTU	\$3.42	\$3.42	\$3.37			
	Amount of Fuel used for the month	total MMBTU	2,740.90	2,740.90	62,512.96			
	Natural Gas Purchased for Fuel	\$dollars	\$9,373.87	\$9,373.87	\$210,798.76			
	#1 Compressor	hours run	51	51	11,000			
	#2 Compressor	hours run	498	498	2,747			
	#3 Compressor	hours run	104	104	1,312			