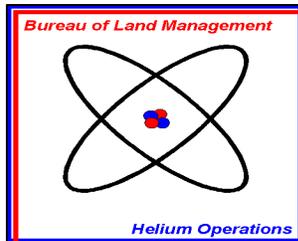


Bureau of Land Management

Amarillo Field Office
Helium Operations

Statistical Report
for
September - 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: October 25, 2002

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Approved for distribution: Nelson R. Bullard /s/

Date: 10/22/2002

Table 1 - Summary of Helium Operations

September - 2002

In Kind Sales	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges Billed (\$)**
Total month	23,732	(12,329)	0	6,277	3,014	10,576	31,270	30,789	\$1,585,809
Total FYTD	138,760	4,072	0	28,179	26,860	30,499	228,370	224,832	\$11,453,022
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	0	206,842	143,078	925,332
Volume outstanding	81,754			

Purchased Helium	Helium-Gas Mixture	Month Helium Percent	Helium	Month Low Purity Helium	FYTD	Month Below 50% Helium	FYTD	FYTD	CYTD	Cumulative
Purchased helium produced / transferred			0					206,842	143,078	2,910,672
Balance of purchased helium in storage										29,265,473
Private Plant Activity										
Accepted in storage system	66,012	69.03%	45,570	1,693	11,682	(253)	(2,286)	622,297	440,537	7,158,176
Redelivered from storage system	(263,238)	68.27%	(179,724)	0	0	57	216	(2,022,752)	(1,502,403)	(9,656,055)
Total apparent crude produced^	188,763	71.91%	135,745					1,582,206	1,173,352	NA
Total apparent crude refined^	(336,832)	69.64%	(234,566)					(2,593,567)	(1,940,329)	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	65,345	45,317	620,011	438,600	24,533,221	38,970	24,720,530			
Crude Disposed	263,155	179,667	2,022,536	1,502,283	21,481,684	38,970	23,794,929			
Grade-A Rdlvrd	0	0	0	0	1,427,554	0	0			
Net/Balance	(197,810)	(134,350)	(1,402,525)	(1,063,683)	1,623,983	0	925,601	1,855,738	\$296,973	\$3,041,880

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	43,325,914	31,228,739	45,066,384	32,502,687	490,620	490,620	0	0
Net Activity	(179,570)	(131,674)	(1,920,040)	(1,405,622)	42,655,724	30,606,445	43,146,344	31,097,065
Total in underground storage	43,146,344	31,097,065	43,146,344	31,097,065	43,146,344	31,097,065	43,146,344	31,097,065

Native Gas								
Total in place, beg. of period	208,738,007		208,866,427		265,724,755		318,727,000	
Net Activity	(16,927)							
Total in place, end of month	208,721,080							

Native Gas plus Conservation Gases								
Total gases in place, beg. of period	252,063,921		253,932,811		266,215,375		318,727,000	
Net Activity	(196,497)		(2,065,387)		(14,347,951)		(66,859,576)	
Total gases in place, end of month	251,867,424		251,867,424		251,867,424		251,867,424	

Helium Resources Evaluation			
Revenue Collected from Federal Lease Holds		Month	FYTD
		\$366,432	\$4,875,312
Helium Sample Collection Report	Submitted	0	Received
			2
Estimated U.S. Helium Reserves	323,000,000	Analyzed	102

Customer Comment Cards Mailed			
	Month	0	FYTD
			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

September - 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)	47,364	33,155	39,161	27,413	0	0		
Measured to pipeline (2)	258,539	177,476	2,930,816	2,029,697	107,990,795	77,198,524		
Measured from pipeline (3)	263,238	179,725	2,940,665	2,022,764	42,331,499	30,238,725		
Measured into Bush Dome (4)	0	0	0	0	64,353,584	46,235,012		
Calculated inventory (1+2-3-4)	42,665	30,906	29,312	34,346	1,305,712	724,787		
End of period inventory	48,936	34,255	48,936	34,255	48,936	34,255		
Line gain or (loss)	6,271	3,349	19,624	(91)	(1,256,776)	(690,532)		
Percent gain (loss) of total measured	1.202%	0.938%	0.334%	-0.002%	-0.585%	-0.449%		
Bush Dome Reservoir Operations								
Conservation gases from all sources								
In underground storage, beg. of period	43,325,914	31,228,739	45,066,384	32,502,687	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	179,570	131,674	1,920,040	1,405,622	21,744,280	15,674,677	21,861,560	15,791,957
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,149
Total in underground storage	43,146,344	31,097,065	43,146,344	31,097,065	43,146,344	31,097,065	43,146,344	31,097,065
Native Gas								
Total in place, beg. of period	208,738,007		208,866,427		265,724,755		318,727,000	
Recoverable in place, beg. of period	199,687,007		199,815,427		256,673,755		309,676,000	
Production during period to date	16,927		145,347		57,003,675		110,005,920	
Total in place, end of month	208,721,080		208,721,080		208,721,080		208,721,080	
Recoverable in place, end of month	199,670,080		199,670,080		199,670,080		199,670,080	
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	252,063,921		253,932,811		266,215,375		318,727,000	
Total gases in place, end of month	251,867,424		251,867,424		251,867,424		251,867,424	
Change during period	(196,497)		(2,065,387)		(14,347,951)		(66,859,576)	
Ave. reservoir pressure, beg. of period								
	661.6		666.3		685.0		814.1	
Tuck Trigg Reservoir Operations								
Native Gas								
Total in place, beg. of period	5,204,461		5,206,471				5,890,000	
Recoverable in place, beg. of period	4,534,461		4,536,471				5,220,000	
Production during period to date	0		2,010				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		484.4				548.0	
Natural Gas Sales								
Compressor Operation								
			Totals		Revenue \$		Cumulative	
			Month	FYTD	Month	FYTD	12/01/2000	
September - 2002 NGI Mainline Spot Gas Fuel Price	per/MMBTU		\$3.03	----	----	----	----	
Amount of Fuel used for the month	total MMBTU		3,138.86	33,858.24	----	----	59,772.06	
Natural Gas Purchased for Fuel	\$dollars		----	----	\$9,510.75	\$89,683.82	\$201,424.89	
#1 Compressor	hours run		421	4,959	----	----	10,949	
#2 Compressor	hours run		139	2,249	----	----	2,249	
#3 Compressor	hours run		102	1,208	----	----	1,208	