

**Grama Ridge Morrow Unit
Lea County, New Mexico**

Plan of Operation

This is a revised Plan of Operation as required, from time to time, pursuant to Section 9 of the UNIT AGREEMENT FOR THE OPERATION OF THE GRAMA RIDGE MORROW UNIT AREA, LEA COUNTY, NEW MEXICO dated April 25, 1973, as amended (the "Unit Agreement"), for the Grama Ridge Morrow Unit (hereinafter, "Unit").

Effective December 1, 2000, Conoco Inc. acquired LG&E Natural Pipeline LLC, successor in interest to Llano, Inc. Subsequently, the name of LG&E Natural Pipeline LLC was changed to Raptor Natural Pipeline LLC (hereinafter, "Unit Operator").

This Plan of Operation constitutes the operating procedures and conditions in which the Unit Operator will continue to operate the Unit pursuant to the following:

Grama Ridge Morrow Unit:

- Unit Agreement For The Operation Of The Grama Ridge Morrow Unit Area
Lea County, New Mexico
By and between the State of New Mexico and Llano, Inc. (among others)
Effective April 25, 1973

Unit Area: Section 34, T21S, R34E - All 640 acres
 Section 3, T22S, R34E - All 647.16 acres

Unitized Formation: Morrow sands which is the same zone as the top and bottom of which were encountered at log depths of 12,722 feet and 13,208 feet in the Shell Oil Company State GRA Well No. 1.

Wells: Shell Oil Company State GRA Well No. 1 – SW1/4NW1/4 Section 3, T22S, R34E
 Shell State GRB Well No. 1 – NW1/4SW1/4 Section 34, T21S, R34E

- Amendment - Unit Agreement For The Operation Of The Grama Ridge Morrow Unit Area
Lea County, New Mexico
By and between the State of New Mexico and Llano, Inc. (among others)
Effective September 1, 1976

Unit Area: Added - Section 33, T21S, R34E - All 640 acres

Wells: Added - South Wilson Deep Unit No. 1 well – NW1/4SE1/4 Section 33, T21S, R34E

ILLEGIBLE

- Second Amendment to Unit Agreement For The Operation Of The Grama Ridge Morrow Unit Area

Lea County, New Mexico

By and Between the State of New Mexico and Raptor Natural Pipeline, LLC

Executed by Raptor on May 23, 2001 and Effective on Approval by the Commissioner

Unit Area: Clarified the legal description of the Unit Area as follows:

T-21-S, R-34-E

Section 33 – All

Section 34 – All

T-22-S, R-34-E

Section 3 – All

Section 4 – Lot 1, Lot 2, S/2 NE/4

Containing 2,089.81 acres, more or less

In addition, the following Federal agreements and lands comprise the remainder of the Unit:

- Agreement For Subsurface Storage Of Gas, Morrow Formation, Grama Ridge Unit Area

Lea County, New Mexico

By and between the United States of America and Llano, Inc.

Effective November 1, 1975

Unit Area: Section 4, T22S, R34E - All 640 acres

Unitized Formation: Vertical interval between 12,778 feet and 13,255 feet below the surface in the Morrow formation in the Federal GR-4 No. 1.

Wells: Llano Federal GR-4 No. 1 – SE1/4SE1/4NW1/4 Section 4, T22S, R34E

- Amendment - Agreement For Subsurface Storage Of Gas, Morrow Formation, Grama Ridge Unit Area

Lea County, New Mexico

By and between the United States of America and Llano, Inc.

Effective April 1, 1981

Unit Area: Added - Section 10, T22S, R34E - All 640 acres

Wells: Added – Llano Government “A” No. 1 – SE1/4NW1/4 Section 10, T22S, R34E

The New Mexico Department of Energy and Minerals. Oil Conservation Division’s Order No. R-7582, effective June 27, 1984, subsequently acknowledged this expansion by amendment.

ILLEGIBLE

Exhibit "A" and Exhibit "B" attached are a map and schedule showing United States of America, State of New Mexico and fee-owned acreage committed to the Unit along with the identity of mineral tract owners to the extent known to the Unit Operator as of January 1, 2002.

Exhibit "C" and Exhibit "D" attached are a map and schedule showing United States of America, State of New Mexico and fee-owned acreage subject to the Unit along with the identity of land surface ownership to the extent known to the Unit Operator as of January 1, 2002.

Wells - Name Changes and Usage:

Original Well Name:

Well Name Change:

Shell Oil Company State GRA Well No. 1	GRM Unit No. 1
Shell State GRB Well No. 1	GRM Unit No. 2
South Wilson Deep Unit No. 1	GRM Unit No. 3
Llano Federal GR-4 No. 1	GRM Unit No. 4
Llano Government "A" No. 1	GRM Unit No. 5

Effective March 15, 1978, at the request of the New Mexico Department of Energy and Minerals, Oil Conservation Division, Shell Oil Company State GRA Well No. 1, Shell State GRB Well No. 1, South Wilson Deep Unit No. 1, and Llano Federal GR-4 No. 1 were renamed GRM Unit No.1, GRM Unit No. 2, GRM Unit No. 3, and GRM Unit No. 4, respectively, to reflect the unit status.

Effective April 1, 1981 the amendment to the Agreement For Subsurface Storage Of Gas, Morrow Formation, Grama Ridge Unit Area, by and between the United States of America and Llano, Inc. expanded the Unit to include Section 10, T22S, R34E and the Llano Government "A" No. 1. The Llano Government "A" No. 1 was renamed GRM Unit No. 5 effective May 18, 1984. In June 1985 the GRM Unit No. 5 was withdrawn from the Unit and recompleted as a gas well in another producing interval.

The wells are used for the injection and withdrawal of gas into and out of the Unit in the following manner:

- GRM Unit No. 1: Used for injection and withdrawal.
- GRM Unit No. 2: Used for injection and withdrawal.
- GRM Unit No. 3: Used for withdrawal only.
- GRM Unit No. 4: Used for withdrawal only.

Facilities and Measurement:

Unit Operator will maintain equipment to separate the gas from the liquid hydrocarbons produced from the withdrawal of gas from the Unit wells, as stipulated in Section 11(A) of the Unit Agreement, as amended. Liquid hydrocarbons will be sold and the proceeds allocated according to the provisions of Section 11(A) of the Unit Agreement, as amended. Sales volumes will be reported every six months in accordance with the form attached hereto as Exhibit "G".

Unit Operator will maintain natural gas measuring stations properly equipped with an orifice meter and an electronic flow recorder of standard design and manufacture. The measurements of this measuring station will fix the cumulative quantity of gas injected and withdrawn from the Unit wells. Orifice meter installations will conform to the recommendations for design and installation contained in

ANSI/API 2530-AGA Report No. 3 (1985) and any supplements thereto as deemed appropriate by the Unit Operator. Unit Operator will keep the measuring equipment accurate and in repair and will test the orifice meter in service quarterly or more often if deemed necessary by Unit Operator. Samples of the injected and withdrawn gas will be obtained monthly, or more often as Unit Operator deems necessary, and tested by chromatography to determine the composition of the gas.

Injection, Withdrawal, and Cumulative Volumes:

The net balance of gas volumes in storage in the Unit as of December 31, 2001 was 7,908,101 Mcf (or 10,502,849MMBtu), determined by the Unit Operator as follows:

Through provisions outlined in the Unit Agreement For The Operation Of The Grama Ridge Morrow Unit Area, Lea County, New Mexico, by and between the State of New Mexico and Llano, Inc., effective April 25, 1973, the Unit Operator paid the State in-full for royalties otherwise due on primary gas and liquid hydrocarbons left in Section 34, T21S, R34E and Section 3, T22S, R34E of the Unit. It was determined that 47,770 MCF of primary production existed at that time.

Through provisions outlined in the amendment to the Unit Agreement For The Operation Of The Grama Ridge Morrow Unit Area, Lea County, New Mexico, by and between the State of New Mexico and Llano, Inc., effective September 1, 1976, the Unit Operator paid for royalties due on primary gas and liquid hydrocarbons left in Section 33, T21S, R34E of the Unit. It was determined that 318,519 MCF of primary production existed at that time.

Through provisions outlined in the amendment to the Agreement For Subsurface Storage Of Gas, Morrow Formation, Grama Ridge Unit Area, Lea County, New Mexico, by and between the United States of America and Llano, Inc., effective April 1, 1981, the Unit Operator paid for royalties due on primary gas and liquid hydrocarbons left in Section 10, T22S, R34E and Section 3, T22S, R34E of the Unit. It was determined that 413,000 MCF of primary production existed at that time.

Beginning with the Llano, Inc., Progress Report No. 23 for the six-month period ending December 31, 1984 and accounting for monthly injections and withdrawals utilizing State of New Mexico, Energy Minerals and Natural Resources, Oil Conservation Division, Form C-131A Monthly Gas Storage Reports, the cumulative injected gas has totaled 64,869,719 MCF and cumulative withdrawn gas has totaled 57,740,907 MCF as of December 31, 2001. The net cumulative balance of gas being 7,128,812 MCF. See Exhibit "E" for supporting documentation.

Therefore, the net balance of gas in storage within the Unit as of December 31, 2001 is 47,770 MCF plus 318,519 MCF plus 413,000 MCF plus 7,128,812 MCF totaling 7,908,101 MCF.

The Unit Operator is not able to accumulate monthly chromatograph analyses documentation for the same time periods as described above, however, beginning with Conoco Inc. involvement on December 1, 2000, the Unit Operator has analyses for injected and withdrawn gas. The Unit Operator will apply the average British Thermal Units as calculated for the time period December 1, 2000 through December 31, 2001 to cumulative injection and withdrawn gas volumes, and primary production gas volumes purchased in place. Therefore, the net balance of gas in storage within the Unit as of December 31, 2001 is 10,502,849 MMBtu. See Exhibit "F" for supporting documentation.

Reporting:

All future six-month progress reports shall include both MCF and MMBtu injection, withdrawal and cumulative reporting for the Unit in accordance with the form attached hereto as Exhibit "G". Injection, withdrawal and cumulative balance volumes will also be reported monthly to the New Mexico Oil Conservation Division in accordance with NMOCD Form C-131-A (Exhibit "H", attached). British Thermal Units per MCF shall be determined utilizing monthly chromatograph analyses for gas that is injected and withdrawn.

Purpose and Continued Use of Unit:

The purpose of the Unit is to provide commercial storage of gas to third party customers. Customers will be allowed to request the injection and withdrawal of their gas pursuant to contractual agreements entered into between them and the Unit Operator. For the foreseeable life of the Unit, injection of gas into the storage facility shall proceed according to a plan of typically injecting gas April through October and withdrawing gas November through March of each year. However, typical injection and withdrawal cycles may vary depending on the requirements of the customers and their contracts associated with the storage facility. The Unit Operator will continue to operate the Unit in accordance with the terms and conditions of Unit Agreement.

Term and Termination:

This Plan of Operations shall be effective beginning January 1, 2002 and shall remain in effect for a period of time equal to the lesser of five (5) years from the date the Commissioner of Public Lands (the "Commissioner") approves the same or until conditions warrant a change in operating procedures as described in this Plan of Operations. At such time, a new plan of operation shall be submitted to the Commissioner for approval.

Upon termination or cancellation of the Unit Agreement as to all of the Unit Area, Unit Operator will remove all improvements placed on the premises and will restore the premises as provided in the Unit Agreement or the respective Oil and Gas Leases, as applicable; if the Unit Agreement or the respective Oil and Gas Leases do not provide for restoration, Unit Operator shall restore the premises, to the extent reasonably possible, to the same condition as it existed prior to placement of the improvements.

This Plan of Operation is respectfully submitted for approval effective January 1, 2002.

RAPTOR NATURAL PIPELINE LLC

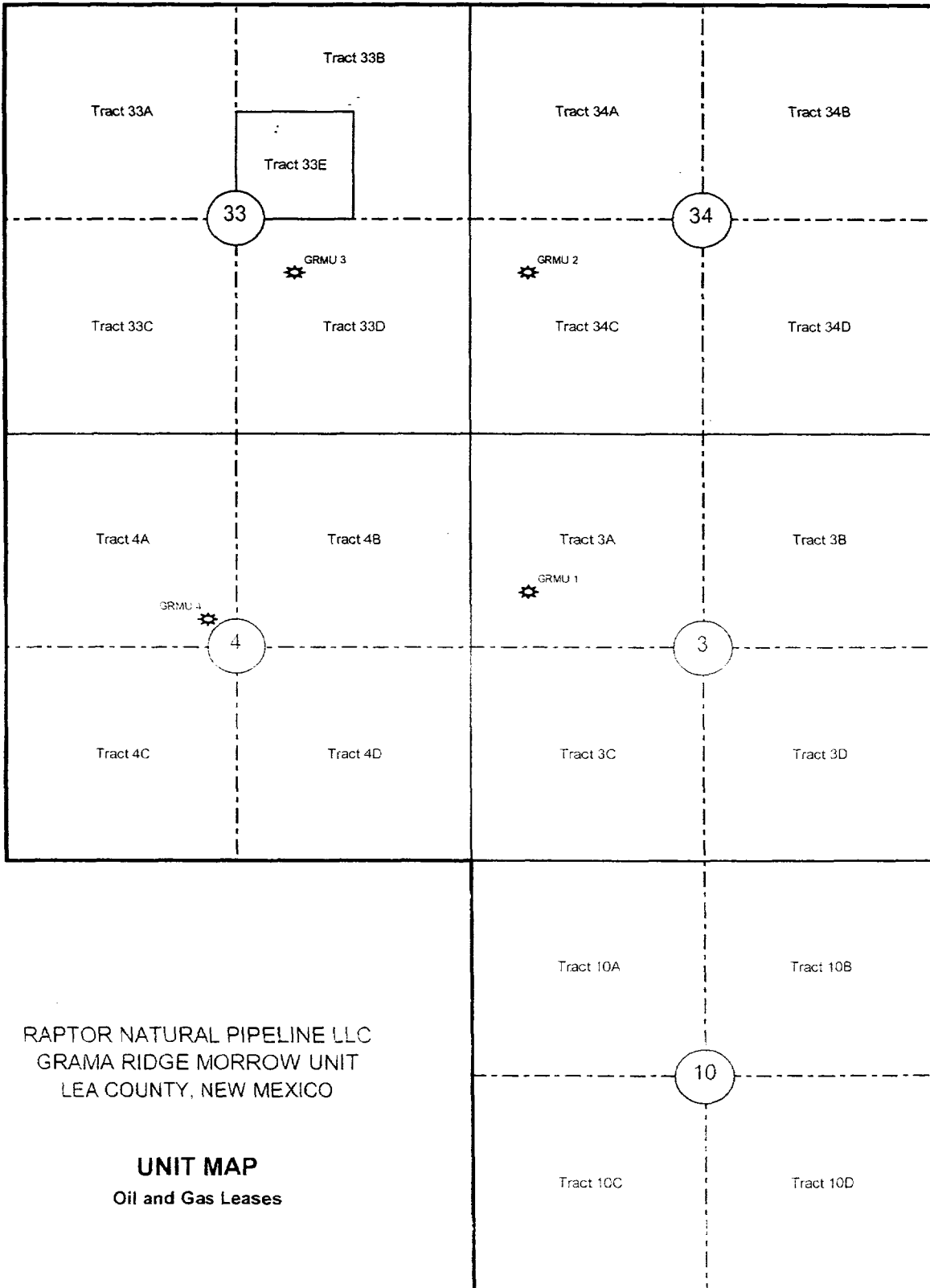
By: M. L. Johnson
M. L. Johnson, President

Approved: Ray Powell
By: Ray Powell
Commissioner of Public Lands

Date: 8/24/02

EXHIBIT "A"
GRAMA RIDGE MORROW UNIT

R34E



RAPTOR NATURAL PIPELINE LLC
GRAMA RIDGE MORROW UNIT
LEA COUNTY, NEW MEXICO

UNIT MAP
Oil and Gas Leases

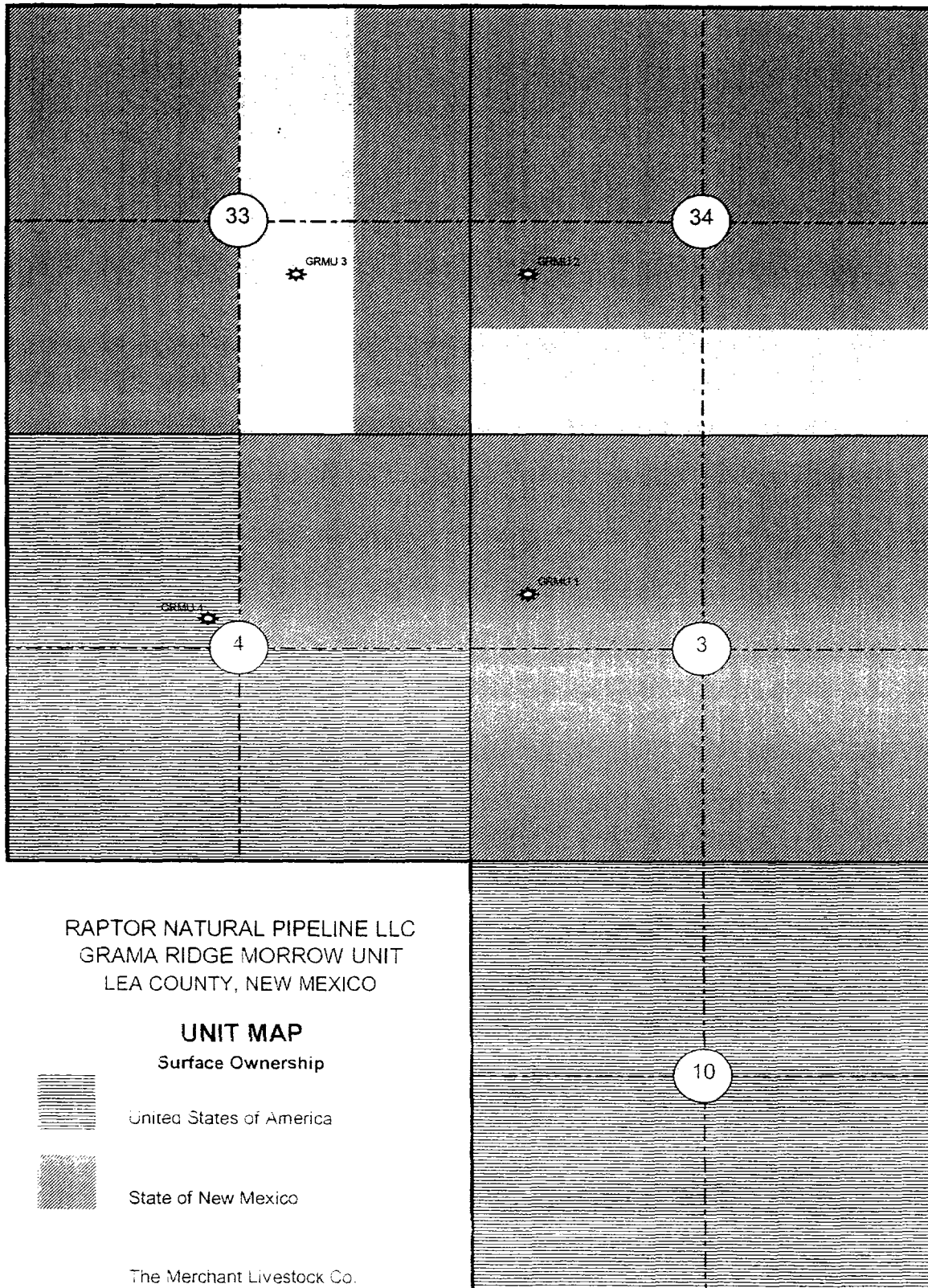
EXHIBIT "B"

GRAMA RIDGE MORROW UNIT AGREEMENT

Tract No.	Description	Lease No.	Acreage	Basic Royalty	Lessee of Record	Working Interest Owner and Percentage	% Tract Participation
3C	SW¼ Sec. 3, T. 22 S., R. 34 E.	SNM B-1583	160	12.50%	Apache Corp.	Raptor Natural Pipeline LLC 100%	4.9814
3D	SE¼ Sec. 3, T. 22 S., R. 34 E.	SNM B-1583	160	12.50%	Apache Corp.	Chaparral Energy, Inc. 100%	4.9814
3B	NE¼ Sec. 3, T. 22 S., R. 34 E.	SNM E-1141	163.91	12.50%	Apache Corp.	Chaparral Energy, Inc. 100%	5.1032
3A	NW¼ Sec. 3, T. 22 S., R. 34 E.	SNM E-1141	163.25	12.50%	Apache Corp.	Raptor Natural Pipeline LLC 100%	5.0826
34C	SW¼ Sec. 34, T. 21 S., R. 34 E.	SNM E-9659	160	12.50%	Chevron USA, Inc.	Raptor Natural Pipeline LLC 100%	4.9814
34D	SE¼ Sec. 34, T. 21 S., R. 34 E.	SNM E-9659	160	12.50%	Chevron USA, Inc.	EOG Resources Inc. 100%	4.9814
34A & 34B	N½ Sec. 34, T. 21 S., R. 34 E.	SNM V-5683	320	16.67%	Great Western Drilling Co.	Great Western Drilling Co. 25% Continental Land and Fur Co. 18.75% Nearburg Exploration Co. LLC 56.25%	9.9629
33A, 33B, 33C & 33D	W¼, SE¼, NW¼, NE¼, SE¼ & NE¼ Sec. 33, T. 21 S., R. 34 E.	SNM V-5682	600	16.67%	Raptor Natural Pipeline LLC	Raptor Natural Pipeline LLC 100%	18.6804
33E	SW¼ NE¼ Sec. 33, T. 21 S., R. 34 E.	Fee	40		Wilson Oil Co. and Francis P. Bolton, dba Wyoming Oil	Raptor Natural Pipeline LLC 67.63% Gridley/Bosserman, et al (unleased) 32.37%	1.2454
4A & 4B	N½ Sec. 4, T. 22 S., R. 34 E.	US NM-038678	324.76	12.50%	Raptor Natural Pipeline LLC	Raptor Natural Pipeline LLC 100%	10.1111
4D	SE¼ Sec. 4, T. 22 S., R. 34 E.	US NM-034312-A	160	12.50%	Raptor Natural Pipeline LLC	Raptor Natural Pipeline LLC 100%	4.9814
4C	SW¼ Sec. 4, T. 22 S., R. 34 E.	US NM-0381970	160	12.50%	Raptor Natural Pipeline LLC	Raptor Natural Pipeline LLC 100%	4.9814
10A, 10C, & 10D	W¼ SE¼ Sec. 10, T. 22 S., R. 34 E.	US NM-033312	480	12.50%	EOG Resources, Inc.	EOG Resources, Inc. 100%	14.9443
10B	NE¼ Sec. 10, T. 22 S., R. 34 E.	US NM-049943	160	12.50%	EOG Resources, Inc.	EOG Resources, Inc. 100%	4.9814
		Total:	3,211.92				100.00

EXHIBIT "C"
GRAMA RIDGE MORROW UNIT

R34E



T21S

T22S

RAPTOR NATURAL PIPELINE LLC
GRAMA RIDGE MORROW UNIT
LEA COUNTY, NEW MEXICO

UNIT MAP

Surface Ownership



United States of America



State of New Mexico

The Merchant Livestock Co.

EXHIBIT "D"

GRAMA RIDGE MORROW UNIT AGREEMENT

Description	Surface Ownership	Acreage
W½, SE¼ Section 4, T. 22 S., R. 34 E.	United States of America	482.11
All Section 10, T. 22 S., R. 34 E.	United States of America	640
All Section 3, T. 22 S., R. 34 E.	State of New Mexico	647.16
NE¼ Section 4, T. 22 S., R. 34 E.	State of New Mexico	162.65
W½, E½E½ Section 33, T. 21 S., R. 34 E.	State of New Mexico	480
N½, N½S½ Section 34, T. 21 S., R. 34 E.	State of New Mexico	480
W½E½ Section 33, T. 21 S., R. 34 E.	The Merchant Livestock Company	160
S½S½ Section 34, T. 21 S., R. 34 E.	The Merchant Livestock Company	160
<u>Total</u>		3,211.92
	United States of America	1,122.11
	State of New Mexico	1,769.81
	The Merchant Livestock Company	320

Exhibit "E"

Grama Ridge Morrow Unit
Lea County, New Mexico
New Mexico Oil Conservation Division
Monthly Gas Storage Report, Form C-131-A

Month:	GRM Unit No. 1		GRM Unit No. 2		GRM Unit No. 3	GRM Unit No. 4	Total		NET	Cumulative	Cumulative	Cumulative
	Injection MCF	Withdrawal MCF	Injection MCF	Withdrawal MCF	Withdrawal MCF	Withdrawal MCF	Injection MCF	Withdrawal MCF	MCF	Injection MCF	Withdrawal MCF	MCF
Gas in place Section 34, T21S, R34E and Section 3, T22S, R34E:							47,770		47,770	47,770	-	47,770
Gas in place Section 33, T21S, R34E:							318,519		318,519	366,289	0	366,289
Gas in place Section 10, T22S, R34E:							413,000		413,000	779,289	0	779,289
									0	779,289	0	779,289
- Progress Report No. 23, For the Six-Month Period Ending December 31, 1984 (converted from 14.65 to 15.025 PB):							16,430,708	10,477,689	5,953,019	17,209,997	10,477,689	6,732,308
									0	17,209,997	10,477,689	6,732,308
Jan-85	103,189	32,302	63,636	21,982	5,926	11,411	166,825	71,621	95,204	17,376,822	10,549,310	6,827,512
Feb-85	46,395	39,209	111,192	34,221	3,345	19,773	157,587	96,548	61,039	17,534,409	10,645,858	6,888,551
Mar-85	6,501	22,471	27,920	42,215	10,641	28,383	34,421	103,710	-69,289	17,568,830	10,749,568	6,819,262
Apr-85	0	32,756	0	53,479	13,178	39,525	0	138,938	-138,938	17,568,830	10,888,506	6,880,324
May-85	0	93,493	0	173,397	18,228	59,106	0	344,224	-344,224	17,568,830	11,232,730	6,336,100
Jun-85	332	222,404	6,305	244,877	10,160	97,274	6,637	574,715	-568,078	17,575,467	11,807,445	5,768,022
Jul-85	0	40,257	89,995	61,320	4,972	33,032	89,995	139,581	-49,586	17,665,462	11,947,026	5,718,436
Aug-85	19,501	27,856	47,348	56,671	5,826	40,146	66,849	130,499	-63,650	17,732,311	12,077,525	5,654,786
Sep-85	0	5,242	1,374	19,188	1,616	6,789	1,374	32,835	-31,461	17,733,685	12,110,360	5,623,325
Oct-85	89,637	173	70,480	5,218	1,194	5,464	160,117	12,049	148,068	17,893,802	12,122,409	5,771,393
Nov-85	55,112	1,050	41,571	6,591	1,340	7,586	96,683	16,567	80,116	17,990,485	12,138,976	5,851,509
Dec-85	7,267	9,707	40,136	22,370	3,308	8,511	47,403	43,896	3,507	18,037,888	12,182,872	5,855,016
									0	18,037,888	12,182,872	5,855,016
Jan-86	5,232	856	20,527	16,498	9,144	8,667	25,759	35,165	-9,406	18,063,647	12,218,037	5,845,610
Feb-86	8,140	0	59,840	6,977	2,967	10,051	67,980	19,995	47,985	18,131,627	12,238,032	5,893,595
Mar-86	26,805	1,154	67,365	2,156	8,014	3,737	94,170	15,061	79,109	18,225,797	12,253,093	5,972,704
Apr-86	0	92,948	0	87,284	17,941	16,659	0	214,832	-214,832	18,225,797	12,467,925	5,577,872
May-86	0	295,023	0	294,329	33,475	108,260	0	731,087	-731,087	18,225,797	13,199,012	5,026,785
Jun-86	0	266,943	0	205,168	24,273	73,654	0	570,038	-570,038	18,225,797	13,769,050	4,456,747
Jul-86	0	238,772	0	180,454	15,016	76,689	0	510,931	-510,931	18,225,797	14,279,981	3,945,816
Aug-86	0	132,924	0	108,821	7,738	40,010	0	289,493	-289,493	18,225,797	14,569,474	3,656,323
Sep-86	0	72,527	0	71,828	12,532	40,692	0	197,579	-197,579	18,225,797	14,767,053	3,458,744
Oct-86	0	16,003	0	15,294	5,085	4,767	0	41,149	-41,149	18,225,797	14,808,202	3,417,595
Nov-86	0	0	0	0	0	0	0	0	0	18,225,797	14,808,202	3,417,595
Dec-86	0	28,789	0	0	5,614	8,738	0	43,141	-43,141	18,225,797	14,851,343	3,374,454
									0	18,225,797	14,851,343	3,374,454
Jan-87	0	14,670	0	7,991	5,003	5,931	0	33,595	-33,595	18,225,797	14,884,938	3,340,859
Feb-87	0	19,961	0	50,203	10,109	12,078	0	92,351	-92,351	18,225,797	14,977,289	3,248,508
Mar-87	0	706	0	39,872	796	90	0	41,464	-41,464	18,225,797	15,018,753	3,207,044
Apr-87	0	2,323	0	0	1,880	2,501	0	6,704	-6,704	18,225,797	15,025,457	3,200,340
May-87	0	0	0	0	0	0	0	0	0	18,225,797	15,025,457	3,200,340
Jun-87	0	17,629	0	0	9,074	11,369	0	38,072	-38,072	18,225,797	15,063,529	3,162,268
Jul-87	182	0	0	0	0	0	182	0	182	18,225,979	15,063,529	3,162,450
Aug-87	185,385	0	0	0	0	0	185,385	0	185,385	18,411,364	15,063,529	3,347,835
Sep-87	20,729	0	0	0	0	0	20,729	0	20,729	18,432,093	15,063,529	3,368,564
Oct-87	42,172	0	0	0	0	0	42,172	0	42,172	18,474,265	15,063,529	3,410,736
Nov-87	15,238	33,281	0	0	18,537	25,367	15,238	76,885	-61,647	18,489,503	15,140,414	3,349,089
Dec-87	0	140,415	0	0	30,715	48,990	0	220,120	-220,120	18,489,503	15,360,534	3,128,969
									0	18,489,503	15,360,534	3,128,969
Jan-88	0	52,366	0	0	17,276	27,581	0	108,225	-108,225	18,489,503	15,468,759	3,023,744
Feb-88	0	14,949	0	0	12,257	14,238	0	27,190	-27,190	18,489,503	15,540,663	2,948,840
Mar-88	0	15,347	0	0	13,400	25,856	0	34,177	-34,177	18,489,503	15,625,040	2,864,463
Apr-88	0	337	0	0	770	869	0	1,712	-1,712	18,489,503	15,627,802	2,857,791
May-88	68,447	0	0	0	0	0	68,447	0	68,447	18,556,750	15,627,802	3,127,346
Jun-88	17,111	0	0	0	0	0	17,111	0	17,111	18,573,767	15,627,802	3,125,323
Jul-88	0	90,362	0	0	0	0	0	90,362	-90,362	18,573,767	15,718,164	3,035,563
Aug-88	0	133,428	0	0	16,946	23,997	0	183,871	-183,871	18,753,727	15,902,035	2,851,692
Sep-88	94,708	469	0	0	150	276	94,708	895	93,813	18,848,435	15,902,930	2,945,505
Oct-88	25,905	0	0	0	0	0	25,905	0	25,905	18,874,340	15,902,930	2,971,410
Nov-88	1,891	131,470	0	0	0	0	1,891	131,470	-129,579	18,876,231	16,034,400	2,841,831
Dec-88	0	175,213	0	50,924	55,361	31,511	0	313,009	-313,009	18,876,231	16,347,409	2,528,822
									0	18,876,231	16,347,409	2,528,822
Jan-89	12,460	2,385	0	45,081	6,151	2,832	12,460	56,449	-43,989	18,888,691	16,403,858	2,484,833
Feb-89	14,763	9,032	0	18,503	11,475	0	14,763	39,010	-24,247	18,903,454	16,442,668	2,460,586
Mar-89	32,020	997	23,342	1,391	99	0	55,362	2,487	52,875	18,958,816	16,445,355	2,513,461
Apr-89	95,429	0	95	0	0	0	95,524	0	95,524	19,054,340	16,445,355	2,608,985
May-89	203,321	0	155,637	0	0	0	358,958	0	358,958	19,413,298	16,445,355	2,967,943
Jun-89	152,529	0	140,019	0	0	0	292,548	0	292,548	19,705,846	16,445,355	3,260,491
Jul-89	19,421	1,965	14,786	1,019	1,743	1,625	74,207	18,682	55,525	19,790,053	16,463,437	3,316,615
Aug-89	178,392	0	132,517	0	0	0	310,909	0	310,909	20,090,962	16,463,437	3,627,525
Sep-89	2,559	0	39,153	0	0	3,041	41,712	3,041	38,671	20,132,674	16,466,478	3,666,196
Oct-89	57,158	0	12,202	0	0	0	69,360	0	69,360	20,202,034	16,466,478	3,735,556
Nov-89	9,167	111,755	0	104,986	0	0	9,187	216,741	-207,554	20,211,221	16,683,219	3,528,002
Dec-89	0	198,443	0	135,341	36,154	45,719	0	415,656	-415,656	20,211,221	17,098,875	3,112,346
									0	20,211,221	17,098,875	3,112,346
Jan-90	0	129,815	0	32,620	2,404	22,604	0	257,045	-257,045	20,211,221	17,355,918	2,855,303
Feb-90	0	179,922	0	128,940	9,357	9,028	0	321,247	-321,247	20,211,221	17,677,165	2,534,056
Mar-90	0	3,488	0	9,841	0	0	0	14,329	-14,329	20,211,221	17,691,494	2,519,727
Apr-90	90,097	0	157	0	0	0	10,254	0	10,254	20,321,755	17,691,494	2,500,681
May-90	53,573	14,978	42,500	48,028	0	0	36,178	24,972	20,378,353	17,752,700	2,625,853	
Jun-90	158,091	1,009	190,654	0	0	0	348,745	1,009	347,736	20,727,098	17,753,709	2,973,389
Jul-90	185,603	0	274,125	0	6,021	3,149	450,558	9,170	450,558	21,186,826	17,762,879	3,423,947
Aug-90	81,539	0	200,560	0	0	0	482,149	0	482,149	21,568,975	17,762,879	3,906,096
Sep-90	111,230	0	336,400	0	0	0	507,680	6,709	500,971	22,176,655	17,769,588	4,407,

Aug-91	339,998	0	374,752	0	0	0	714,750	0	714,750	25,872,161	20,438,066	5,434,095
Sep-91	393,880	0	432,634	0	0	0	826,514	0	826,514	26,698,675	20,438,066	6,260,609
Oct-91	329,898	0	316,627	0	0	0	646,525	0	646,525	27,345,200	20,438,066	6,907,134
Nov-91	0	325,168	0	373,504	15,893	44,219	0	758,784	-758,784	27,345,200	21,196,850	6,148,350
Dec-91	0	362,311	0	478,867	15,111	72,548	0	928,837	-928,837	27,345,200	22,125,687	5,219,513
Jan-92	0	393,443	0	538,359	13,503	68,065	0	1,013,370	-1,013,370	27,345,200	23,139,057	4,206,143
Feb-92	67	261,122	0	357,597	12,644	37,594	67	668,957	-668,890	27,345,267	23,808,014	3,537,253
Mar-92	0	175,765	0	234,869	8,193	31,922	0	450,749	-450,749	27,345,267	24,258,763	3,086,504
Apr-92	11,035	172,647	109,742	38,380	772	3,731	120,777	215,530	-94,753	27,468,044	24,474,293	2,991,751
May-92	336,006	14,877	206,754	0	0	0	542,760	14,877	527,883	28,006,804	24,489,170	3,519,634
Jun-92	387,015	0	358,969	0	0	0	745,984	0	745,984	28,754,788	24,489,170	4,285,618
Jul-92	367,466	0	321,837	0	0	0	689,303	0	689,303	29,444,091	24,489,170	4,954,921
Aug-92	384,532	0	368,161	0	0	0	752,693	0	752,693	30,196,784	24,489,170	5,707,614
Sep-92	341,320	0	226,291	0	0	0	567,611	0	567,611	30,764,395	24,489,170	6,275,225
Oct-92	32,061	259,360	82,795	41,077	0	0	114,856	300,437	-185,581	30,879,251	24,789,607	6,089,644
Nov-92	489	408,479	0	468,602	21,729	90,567	489	989,377	-988,888	30,879,740	25,778,984	5,100,756
Dec-92	0	357,123	0	488,654	7,659	72,668	0	926,104	-926,104	30,879,740	26,705,088	4,174,652
Jan-93	0	314,012	0	468,165	11,687	55,153	0	849,017	-849,017	30,879,740	27,554,105	3,325,635
Feb-93	0	271,105	0	311,000	29,595	44,477	0	656,177	-656,177	30,879,740	28,210,282	2,669,458
Mar-93	0	259,271	0	203,447	12,961	40,075	0	515,754	-515,754	30,879,740	28,726,036	2,153,704
Apr-93	0	196,808	0	42,940	9,456	32,240	0	281,444	-281,444	30,879,740	29,007,480	1,872,260
May-93	424,878	277	429,794	0	0	0	854,672	277	854,395	31,734,412	29,007,757	2,726,655
Jun-93	496,780	0	506,449	0	0	0	1,003,229	0	1,003,229	32,737,641	29,007,757	3,729,884
Jul-93	476,231	0	325,025	0	0	0	801,256	0	801,256	33,538,897	29,007,757	4,531,140
Aug-93	260,872	125,438	256,560	107,115	0	0	517,432	232,553	284,879	34,056,329	29,240,310	4,816,019
Sep-93	488,297	0	257,159	0	0	0	745,456	0	745,456	34,801,785	29,240,310	5,561,475
Oct-93	144,746	65,010	152,536	32,641	0	0	297,282	97,651	199,631	35,096,067	29,337,961	5,761,106
Nov-93	0	387,196	0	499,889	21,462	30,338	0	938,885	-938,885	35,096,067	30,276,846	4,822,221
Dec-93	8,881	205,512	9,932	342,855	4,939	64,394	18,813	617,700	-588,887	35,117,880	30,894,546	4,223,334
Jan-94	0	272,101	0	465,579	8,155	70,292	0	814,127	-814,127	35,117,880	31,708,673	3,409,207
Feb-94	0	231,675	0	264,678	7,872	51,666	0	555,891	-555,891	35,117,880	32,264,564	2,853,316
Mar-94	0	163,120	0	100,361	11,135	36,161	0	310,777	-310,777	35,117,880	32,575,341	2,542,539
Apr-94	103,607	53,500	1,557	5,071	0	0	105,164	59,571	45,593	35,223,044	32,634,912	2,588,132
May-94	459,982	0	346,946	0	0	0	806,928	0	806,928	36,029,972	32,634,912	3,395,060
Jun-94	370,783	4,310	340,209	0	0	0	710,992	-4,310	706,682	36,740,964	32,639,222	4,011,742
Jul-94	278,895	0	113,070	0	0	0	391,965	0	391,965	37,132,929	32,639,222	4,493,707
Aug-94	106,072	0	118,624	0	0	0	224,696	0	224,696	37,357,625	32,639,222	4,718,403
Sep-94	542,198	0	539,629	0	0	0	1,081,827	0	1,081,827	38,439,452	32,639,222	5,800,230
Oct-94	486,455	0	468,757	0	0	0	955,212	0	955,212	39,394,664	32,639,222	6,755,442
Nov-94	28,167	270,491	38,000	167,210	3,892	19,290	66,167	460,883	-394,716	39,460,831	33,100,105	6,360,726
Dec-94	0	446,676	0	767,248	12,636	100,607	0	1,330,167	-1,330,167	39,460,831	34,430,272	5,030,559
Jan-95	0	244,626	27,302	318,742	5,295	28,999	27,302	597,662	-570,360	39,460,831	34,430,272	5,030,559
Feb-95	101,663	210,325	17,427	225,287	9,589	63,618	119,090	508,819	-389,729	39,460,831	34,430,272	5,030,559
Mar-95	364,808	118,740	318,775	40,373	9,836	16,861	683,583	185,810	497,773	40,290,806	35,722,563	4,568,243
Apr-95	193,050	17,170	177,790	0	0	3,571	370,840	20,741	350,099	40,661,646	35,743,304	4,918,342
May-95	363,844	0	379,017	0	0	0	762,861	0	762,861	41,424,507	35,743,304	5,681,203
Jun-95	415,253	0	402,900	0	0	0	818,153	0	818,153	42,242,660	35,743,304	6,499,356
Jul-95	352,364	0	281,301	0	0	0	633,665	0	633,665	42,876,325	35,743,304	7,133,021
Aug-95	342,003	0	258,678	0	0	0	600,681	0	600,681	43,477,006	35,743,304	7,733,702
Sep-95	32,981	161,535	20,913	232,584	12,033	68,285	53,894	474,437	-420,543	43,530,900	36,217,741	7,313,159
Oct-95	4,174	311,406	16,844	100,541	0	47,736	21,018	459,683	-438,665	43,551,918	36,677,424	6,874,494
Nov-95	0	398,780	0	396,825	9,224	106,716	0	911,545	-911,545	43,551,918	37,588,969	5,962,949
Dec-95	7,377	302,371	18,194	375,526	15,787	64,286	24,071	757,970	-733,899	43,575,989	38,346,939	5,229,050
Jan-96	0	267,308	0	488,411	11,319	68,416	0	926,484	-926,484	43,575,989	39,273,423	4,302,566
Feb-96	0	303,126	0	319,615	12,592	55,665	0	700,498	-700,498	43,575,989	39,973,921	3,602,963
Mar-96	0	322,259	0	262,452	9,780	39,248	0	643,774	-643,774	43,575,989	40,617,695	2,868,294
Apr-96	0	116,116	0	116,116	0	0	0	0	0	43,575,989	40,617,695	2,868,294
May-96	27,499	3,430	167,114	0	0	0	435,263	11,323	423,940	44,073,820	40,617,695	3,351,950
Jun-96	14,011	19,158	10,118	0	0	0	38,378	19,158	19,220	44,073,820	40,617,695	3,351,950
Jul-96	0	3,117	0	0	0	0	42,609	0	42,609	44,114,399	40,617,695	3,351,950
Aug-96	26,630	0	113,199	0	0	0	149,832	0	149,832	44,364,440	40,617,695	3,351,950
Sep-96	445,453	0	468,392	0	0	0	914,435	0	914,435	45,278,575	40,617,695	4,251,224
Oct-96	196,805	30,412	239,862	37,131	0	0	426,667	67,543	359,124	45,705,542	40,617,695	4,610,348
Nov-96	0	394,633	12,438	474,949	15,674	0	12,438	885,258	-872,820	45,717,980	41,980,452	3,737,528
Dec-96	30,677	265,547	48,735	281,630	3,223	79,412	0	565,400	-475,988	45,797,392	42,535,852	3,261,540
Jan-97	0	273,303	0	231,475	7,926	0	0	512,704	-512,704	45,797,392	43,048,556	2,748,836
Feb-97	0	225,723	2,968	140,078	10,941	0	2,968	376,742	-373,774	45,800,360	43,425,298	2,375,062
Mar-97	0	203,396	0	36,791	3,794	0	0	243,981	-243,981	45,800,360	43,669,279	2,131,081
Apr-97	3,593	36,596	76,200	0	0	0	79,793	36,596	-43,197	45,880,153	43,705,875	2,174,278
May-97	0	22,186	162,956	0	0	0	162,956	22,186	140,770	46,043,109	43,728,061	2,315,048
Jun-97	0	0	336,887	0	0	0	336,887	0	336,887	46,379,996	43,728,061	2,651,935
Jul-97	-6,771	1,165	77,684	0	0	0	223,955	1,165	114,180	46,602,651	43,737,826	2,365,123
Aug-97	428,438	0	157,135	0	0	0	166,273	0	166,273	47,390,224	43,737,826	3,352,368
Sep-97	154,935	0	318,732	0	0	0	673,667	0	673,667	48,063,891	43,737,826	4,326,065
Oct-97	143,610	57,905	153,973	26,949	268	0	297,583	34,922	212,661	48,361,474	43,822,748	4,538,726
Nov-97	11,468	247,107	23,159	316,792	3,555	0	34,527	570,454	-535,927	48,396,001	44,393,202	4,002,799
Dec-97	0	152,137	0	438,001	2,419	0	0	632,857	-632,857	48,396,001	45,326,059	3,369,942
Jan-98	140,321	7,495	0	109,035	0	0	140,321	116,730	24,191	48,536,922	45,326,059	3,369,942
Feb-98	578,668	0	3,708	0	0	0	682,374	0	682,374	49,219,295	45,326,059	4,076,607
Mar-98	61,610	36,563	52,068	112,795	0	0	113,876	209,358	-95,482	49,339,172	45,362,147	3,981,325
Apr-98	478,756	4,341	0	0	0	0	82,418	15,173	67,245	49,315,585	45,362,147	4,136,283
May-98	-433,079	0	420,159	0	0	0	755,435	0	755,435	50,071,120	45,362,147	5,126,688
Jun-98	247,582	3,220	199,859	0	0	0	447,441	3,220	438,221	50,318,464	45,362,147	5,562,919
Jul-98	303,518	3,250	167,194	0	0	0	570,912	3,250	567,662	51,539,376	45,362,147	6,190,581
Aug-98	710,382	0	1,879	0	0	0	714,261	0	714,261	52,303,637	45,362,147	6,844,942
Sep-98	144,651	162,691	104,06	0	0	0	251,978	255,797	-4,819	52,555,616	45,362,147	7,336

Aug-99	302,549	47,699	317,810	13,668	0	1,547	620,359	62,914	557,445	55,584,140	49,257,269	6,326,871
Sep-99	281,430	534	364,036	1,155	0	12,123	645,466	13,812	631,654	56,229,606	49,271,081	6,958,525
Oct-99	270,177	602,677	1,475	3,291	0	0	271,652	605,968	-334,316	56,501,259	49,877,049	6,624,209
Nov-99	377,341	46,524	348,471	43,064	0	36,355	725,812	125,943	599,869	57,227,071	50,002,992	7,224,078
Dec-99	66,060	178,943	51,335	162,999	0	40,024	117,395	381,966	-264,571	57,344,466	50,384,958	6,959,507
							0	0	0	57,344,466	50,384,958	6,959,507
Jan-00	0	405,638	0	591,507	0	13,003	0	1,010,148	-1,010,148	57,344,466	51,395,106	5,949,359
Feb-00	26,351	358,538	37,393	490,772	0	5,685	63,744	854,995	-791,251	57,408,210	52,250,101	5,158,108
Mar-00	46,153	201,295	0	208,712	0	11,540	46,153	421,547	-375,394	57,454,363	52,671,648	4,782,714
Apr-00	386,042	517	474,604	0	0	23,498	860,646	24,015	836,631	58,315,009	52,695,663	5,619,345
May-00	312,055	85,718	330,673	88,802	0	42,306	642,728	216,826	425,902	58,957,737	52,912,489	6,045,247
Jun-00	232,311	43,225	290,264	0	0	47,787	522,575	91,012	431,563	59,480,312	53,003,501	6,476,810
Jul-00	29,640	422,747	41,867	333,697	0	48,378	71,507	804,822	-733,315	59,551,819	53,808,323	5,743,495
Aug-00	84,138	315,770	113,226	274,655	0	39,453	197,364	629,878	-432,514	59,749,183	54,438,201	5,310,981
Sep-00	80,902	144,392	159,008	165,243	0	33,599	239,910	343,234	-103,324	59,989,093	54,781,435	5,207,657
Oct-00	147,995	26,159	179,616	37,915	0	0	327,611	64,074	263,537	60,316,704	54,845,509	5,471,194
Nov-00	171,955	158,953	130,786	125,723	0	0	302,741	284,676	18,065	60,619,445	55,130,185	5,489,259
Dec-00	115,654	190,888	63,438	287,328	0	0	179,092	478,216	-299,124	60,798,537	55,608,401	5,190,135
							0	0	0	60,798,537	55,608,401	5,190,135
Jan-01	-23	273,119	-38	288,080	8,968	22,663	-61	592,830	-592,892	60,798,475	56,201,232	4,597,244
Feb-01	27,421	186,238	-127	196,585	7,011	21,550	27,294	411,385	-384,091	60,825,769	56,612,816	4,213,153
Mar-01	352,611	8,255	486,274	8,133	1,068	371	838,885	17,827	821,058	61,664,654	56,630,443	5,034,211
Apr-01	301,215	0	443,376	0	0	0	744,591	0	744,591	62,409,245	56,630,443	5,778,802
May-01	330,282	0	459,887	0	0	0	790,169	0	790,169	63,199,415	56,630,443	6,568,971
Jun-01	145,844	110,811	240,318	63,575	0	0	386,162	174,386	211,777	63,585,577	56,804,829	6,780,748
Jul-01	103,059	119,414	146,282	129,282	197	131	249,342	249,024	318	63,834,919	57,053,853	6,781,066
Aug-01	106,010	133,447	113,811	132,799	124	0	218,821	266,370	-47,549	64,053,740	57,320,223	6,733,517
Sep-01	265,408	34,347	237,909	22,411	0	0	503,316	56,759	446,558	64,557,056	57,376,981	7,180,075
Oct-01	187,287	53,564	246,375	13,878	0	0	433,662	67,442	366,220	64,990,718	57,444,423	7,546,295
Nov-01	272,284	24,025	297,077	11,418	0	0	569,961	35,443	533,918	65,560,079	57,479,866	8,080,213
Dec-01	62,692	99,175	26,237	161,866	0	0	889,29	261,041	-172,112	65,649,008	57,740,907	7,908,101

EXHIBIT "F"

Injection / Withdrawal MMBTU

Replac Natural Pipeline															
Actuals 14.65 PB	Month	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Cumulative
MMBTU															
Total Injection		193,667	(64)	29,508	905,356	813,537	845,814	417,364	273,151	238,487	551,367	473,879	627,830	97,960	5,468,058
Total Withdrawal		(502,935)	(122,178)	(432,154)	(18,708)	-	-	(178,857)	(262,171)	(280,146)	(59,667)	(73,028)	(38,305)	(284,036)	(2,752,183)
MCF															
Total Injection		183,684	(63)	27,994	860,395	763,683	810,430	396,064	255,735	224,432	516,222	444,783	583,936	91,208	5,158,481
Total Withdrawal		(490,478)	(108,031)	(421,933)	(18,284)	-	-	(178,857)	(255,409)	(273,200)	(58,214)	(89,168)	(36,360)	(287,724)	(2,677,648)
MMBTU / MCF															
Injection		1.05435		1.05408	1.05249	1.06528	1.04366	1.05378	1.06810	1.06262	1.06808	1.06546	1.07517	1.07405	1.06001
Withdrawal		1.02540	1.02327	1.02422	1.02319			1.00000	1.02648	1.02542	1.02496	1.05578	1.05378	1.06093	1.02784
Weighted Average MMBTU / MCF: Full time period December 1, 2000 through December 31, 2001															
Injection		1.06001													
Withdrawal		1.02784													
Weighted Average MMBTU / MCF: Full time period December 1, 2000 through December 31, 2001															
Converted from 14.65 to 15.025 PB															
Injection		1.08715													
Withdrawal		1.05415													
Total as of Dec. 31, 2001															
Nov-00 and Prior		Dec-00 thru Dec-01		Total as of Dec. 31, 2001											
MCF		MMBTU		MCF		MMBTU		MCF		MMBTU		MCF		MMBTU	
Cumulative Injections		60,619,445		65,902,226		5,029,734		5,468,058		65,649,178		71,370,284			
Cumulative Withdrawals		55,130,185		58,115,253		2,610,818		2,752,183		57,741,004		60,867,436			
		(1)		(2)		(3)		(4)							
Net Balance - MMBTU															
as of December 31, 2001															
10,502,849															

(1) From "Exhibit E" Cumulative Volumes
(2) MCF Multiplied by Weighted Average MMBTU / MCF (15.025 PB)
(3) Replacer Natural Pipeline Actuals Converted from 14.65 to 15.025 PB
(4) Replacer Natural Pipeline Actuals

Example Report Format

RAPTOR NATURAL PIPELINE LLC
GRAMA RIDGE MORROW UNIT
LEA COUNTY, NEW MEXICO
PLAN OF OPERATION - PROGRESS REPORT
FOR THE SIX-MONTH PERIOD ENDING
June, 2001

Month:	GRM Unit No. 1		GRM Unit No. 2		GRM Unit No. 3		GRM Unit No. 4		Total	
	Injection MCF	Withdrawal MCF	Injection MCF	Withdrawal MCF	Injection MCF	Withdrawal MCF	Injection MCF	Withdrawal MCF	Injection MCF	Withdrawal MCF
Jan-01	0	0	0	0	0	0	0	0	0	0
Feb-01	0	0	0	0	0	0	0	0	0	0
Mar-01	0	0	0	0	0	0	0	0	0	0
Apr-01	0	0	0	0	0	0	0	0	0	0
May-01	0	0	0	0	0	0	0	0	0	0
Jun-01	0	0	0	0	0	0	0	0	0	0

Current Period:

0 0 0 0 0 0 0 0 0 0 0

Prior Periods: 0 0 0

Cumulative: 0 0 0

Net MCF Balance: 0

Month:	GRM Unit No. 1		GRM Unit No. 2		GRM Unit No. 3		GRM Unit No. 4		Total	
	Injection MMBTU	Withdrawal MMBTU	Injection MMBTU	Withdrawal MMBTU	Injection MMBTU	Withdrawal MMBTU	Injection MMBTU	Withdrawal MMBTU	Injection MMBTU	Withdrawal MMBTU
Jan-01	0	0	0	0	0	0	0	0	0	0
Feb-01	0	0	0	0	0	0	0	0	0	0
Mar-01	0	0	0	0	0	0	0	0	0	0
Apr-01	0	0	0	0	0	0	0	0	0	0
May-01	0	0	0	0	0	0	0	0	0	0
Jun-01	0	0	0	0	0	0	0	0	0	0

Current Period:

0 0 0 0 0 0 0 0 0 0 0

Prior Periods: 0 0 0

Cumulative: 0 0 0

Net MMBTU Balance: 0

Condensate Sales
(Barrels)

Current Period:	GRM Unit No. 1		GRM Unit No. 2		GRM Unit No. 3		GRM Unit No. 4	
	0	0	0	0	0	0	0	0

Send one copy to each:

Commissioner of Public Lands
New Mexico State Land Office
P.O. Box 1148
Santa Fe, New Mexico 87503

Bureau of Land Management
Roswell District Office
Division of Minerals Resources
2909 West Second Street
Roswell, New Mexico 88201