

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR

- [D] Other: Specify \_\_\_\_\_

[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or  Does Not Apply**

- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 e-mail Address \_\_\_\_\_



**COLEMAN OIL & GAS, INC.**

**Bryan Lewis**  
e-mail: cogblewis@yahoo.com

Tuesday, May 17, 2005

Mr. Mark Fesmire  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Mr. Jim Lovato  
Bureau Of Land Management  
1235 La Plata Highway, Suite A  
Farmington, NM 87401

RECEIVED  
MAY 19 2005  
OIL CONSERVATION  
DIVISION

**RE: Application for Surface Commingling**

Dear Messrs. Fesmire and Lovato:

This is a request for approval to surface commingle the gas production from the wells listed below:

**TOWNSHIP 24 NORTH, RANGE 10 WEST, NMPM**

Juniper Com 4 #12	Section 04	SWNW
Juniper Com 5 #14	Section 05	SWSW
Juniper Com 5 #32	Section 05	SWNE
Juniper Com 6 #14	Section 06	SWSW
Juniper Com 6 #41	Section 06	NENE

Basin Fruitland Coal  
San Juan County, New Mexico

- Proposed System.** Initially, compression won't be incorporated into the production system. When compression is warranted, surface commingling will allow production through a single compressor, thereby allowing the containment of operating costs and prolonging the economic life of the wells. The wells will be commingled upstream of a CPD meter to reduce measurement costs. All wells will have an allocation meter on location. El Paso will maintain the CPD meter and the applicant, Coleman Oil & Gas, Inc. ("Coleman") will maintain the allocation meters. The gas will flow into the El Paso Natural Gas gathering system, lateral 10A2, in Lot 2 (the NWNE) of Section 05 – Twp 24N – Rge 10W (meter number 85-645-01).

**Application for Surface Commingling**

Tuesday, May 17, 2005

Page 2

2. **Location Map.** Exhibit 1 is a topographic map showing the locations of the wells subject to this Application for Surface Commingling.
3. **Well, Locations and Lease Numbers.** Exhibit 2 consists of acreage dedication plats for the subject wells. The wells and acreage dedications are tabulated below.

<u>WELL NAME</u>	<u>SECTION</u>	<u>AD</u>	<u>LEASE NAME / ID</u>
Juniper Com 4 #12	Section 04	W/2	NOG 9911-1371 NM NM-104606
Juniper Com 5 #14	Section 05	W/2	NOG 9910-1362 NOG 9910-1366
Juniper Com 5 #32	Section 05	E/2	NOG 0101-1434 NOG 9911-1370
Juniper Com 6 #14	Section 06	S/2	NOG 9910-1361 NOG 9910-1360
Juniper Com 6 #41	Section 06	N/2	NOG 0101-1425 NOG 9904-1349

Exhibit 3 is a list of the royalty, overriding royalty and working interest owners in the wells.

4. **Schematic Diagram.** Exhibits 5 through 5E are schematic diagrams of the proposed surface commingling facilities.
5. **Lease Use Gas.** Each well will have a pumping unit that uses approximately 2.0 MCFD of lease use gas and a separator that uses approximately 0.5 MCFD of lease use gas. When and if additional equipment is added to the system, such as a natural gas compressor, lease use gas to operate such equipment will be split equally between producing wells upstream of such equipment.
6. **Mechanical Integrity.** The main line portion of Applicant's system of flow lines will be 4" diameter - 0.188" wall thickness grade B X42 steel pipe with an internal yield pressure rating of 2370 psig. This main line portion and its connections will be tested to 500 psig. The trunk lines to individual wells will be 4" diameter polyethelene PE3408 SDR7 pipe with an internal yield pressure of 264 psig. These trunk lines and their connections will be tested to 200 psig. The average operating pressure of El Paso's lateral 10A2 is 100 psig; the maximum allowable operating pressure is 150 psig.
7. **Production – Gravity/BTU.** As of the date of this Application, the wells have not produced commercially. No production data is currently available. Gas Analysis reports are available for the Juniper Com 5 #14, 5 #32, 6 #14 and 6 #41 wells. A gas analysis report for the Juniper Com 4 #12 well is not currently available, however the

**Application for Surface Commingling**

Tuesday, May 17, 2005

Page 3

gas content should be very similar to the content of the gas in wells for which analysis reports are attached as Exhibit 4. None of the wells will produce liquid hydrocarbons.

8. **Allocation Formula.** Since the proposed commingling action involves Navajo Allotted leases the formulae used for allocating gas production and sales must conform to Allotted CDP guidelines. For this commingling action, Applicant will allocate the gas production and sales according to the Guidelines for Surface Commingling and / or Off-lease Sales, Storage, Usage and Measurement for Navajo Allotted Leases. Royalties will be paid on the volumes according to applicable MMS guidelines.
9. **Line Purging.** It is anticipated that line purging will occur infrequently. Any lost gas due to purging the system will be allocated equally to each of the wells.
10. **Purged Fluids.** Any fluids purged will be natural gas and condensed water vapor.
11. **Meter Calibration Schedule.** El Paso will calibrate the CPD meter at least once each quarter, more frequently with higher gas volumes. Coleman will calibrate the allocation meters semi annually.
12. **Gas Analysis Schedule.** El Paso Field Services will analyze the gas from the commingled stream at least twice a year, more frequently with higher gas volumes.
13. **Effective Date.** The Juniper Com 6 #41 well is the first well on the system to produce. It was first delivered to El Paso Field Services on March 30, 2005. It is requested that the effective date of this commingling order be as soon as possible as the Juniper Com 4 #12 well will be ready to produce in the very near future.

Sincerely,

COLEMAN OIL & GAS, INC.



Bryan Lewis  
Landman

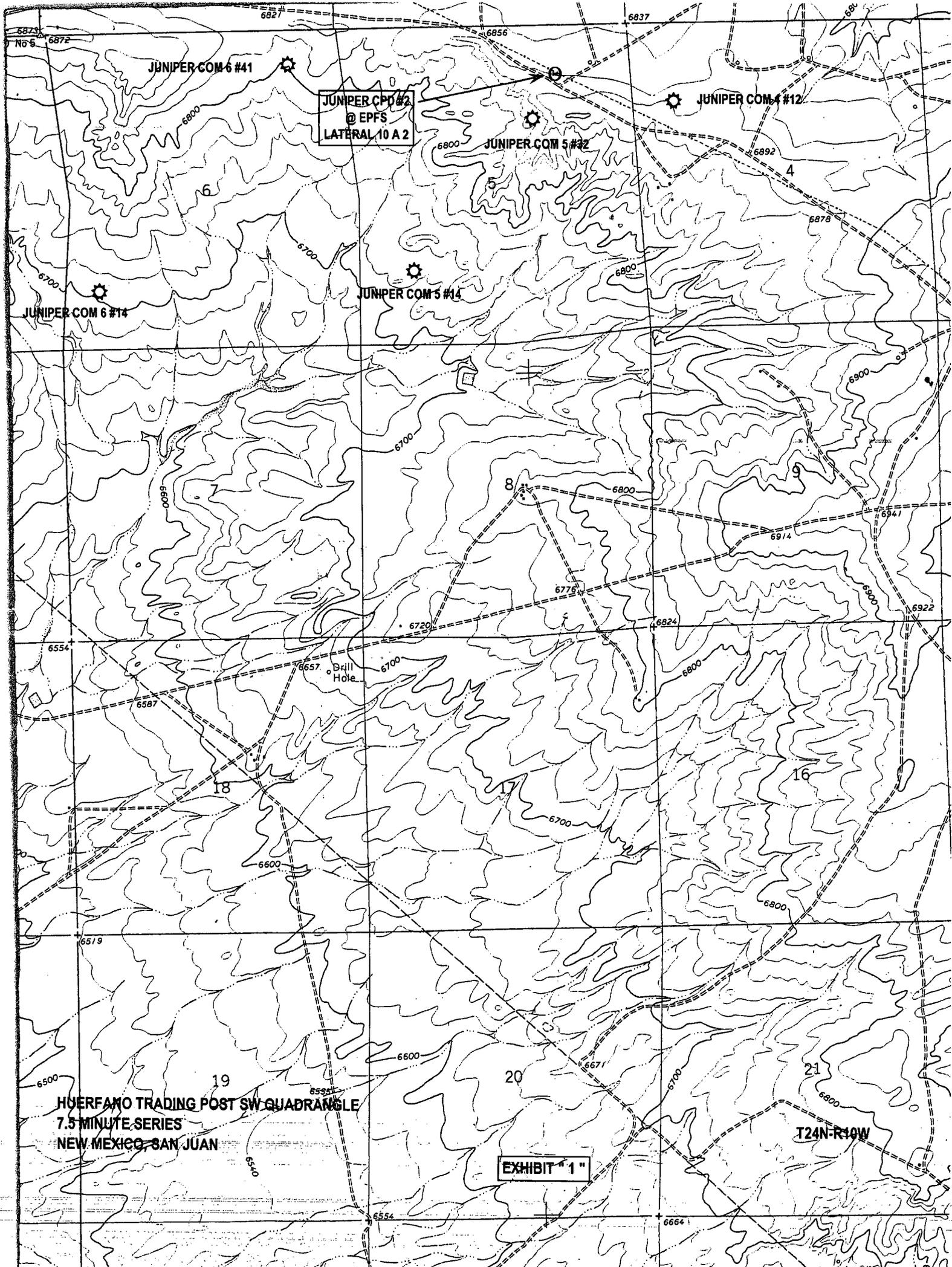
**Application for Surface Commingling**

Tuesday, May 17, 2005

Page 4

cc: *Mr. Frank Chavez, Supervisor District 3  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410*

Attachments: *Exhibit 1 Topographic maps  
Exhibit 2 Acreage dedication plats  
Exhibit 3 List of owners in leases  
Exhibit 4 Gas Analysis reports  
Exhibit 5 – 5E Schematic Diagrams*



JUNIPER COM #41

JUNIPER CPD #2  
@ EPFS  
LATERAL 10 A 2

JUNIPER COM #12

JUNIPER COM #32

JUNIPER COM #14

JUNIPER COM #14

Drill Hole

EXHIBIT 1

T24N-R10W

HUERFANO TRADING POST SW QUADRANGLE  
7.5 MINUTE SERIES  
NEW MEXICO, SAN JUAN

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code 71629	Pool Name BASIN FRUITLAND COAL
Property Code	Property Name JUNIPER COM		Well Number 12-4
GRID No. 4838	Operator Name COLEMAN OIL & GAS, INC.		Elevation 6878'

10 Surface Location

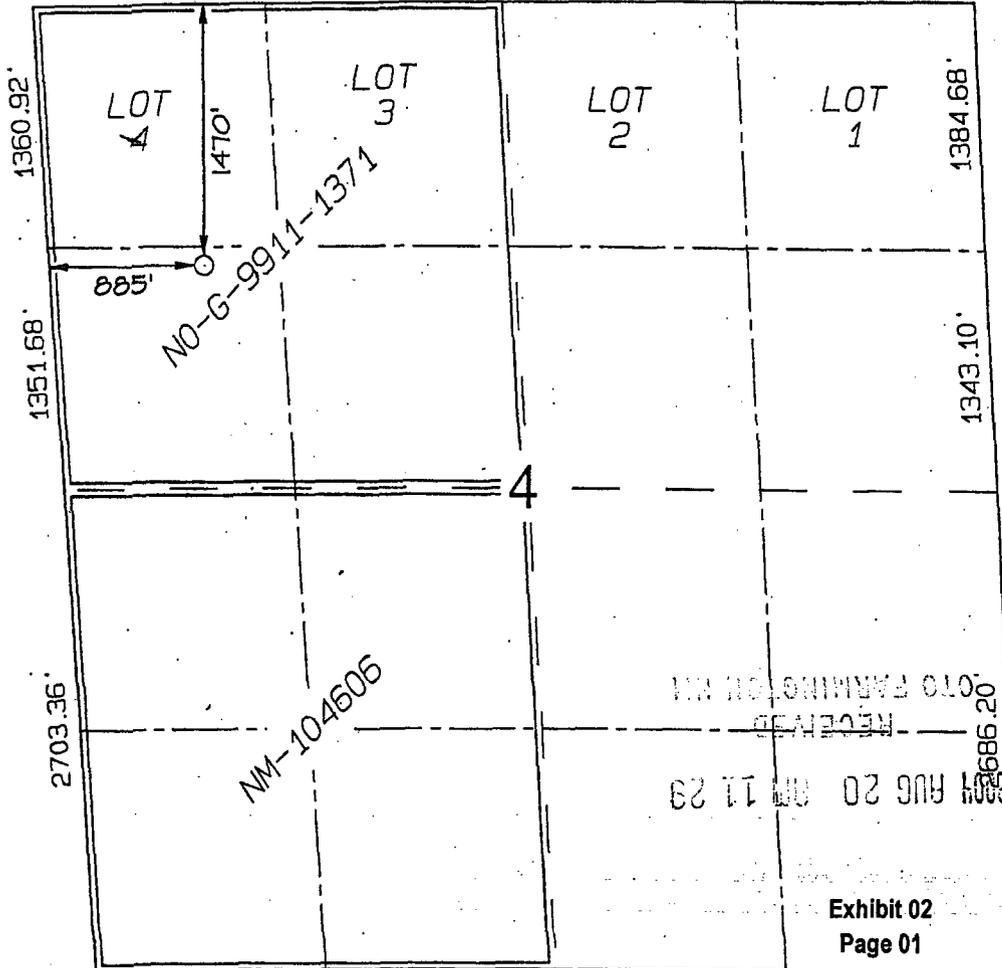
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	4	24N	10W		1470	NORTH	885	WEST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 321.04 Acres - (W/2)					Joint or Infill	Consolidation Code	Order No.		

NO. ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

5281.98'



17 OPERATOR CERTIFICATION  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Michael T. Hansor*  
Signature  
Michael T. Hansor  
Printed Name  
Engineer  
Title  
Aug 18, 2009  
Date

18 SURVEYOR CERTIFICATION  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: MAY 8, 2003  
Signature and Seal of Professional Surveyor

**JASON C. EDWARDS**  
NEW MEXICO  
REGISTERED PROFESSIONAL SURVEYOR  
15269

**JASON C. EDWARDS**  
Certificate Number 15269

District I  
PO Box 1950, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

District II  
PO Drawer 00, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

AMENDED REPORT

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code	*Property Name JUNIPER COM		*Well Number 14-5
*GRID No. 4838	*Operator Name COLEMAN OIL & GAS, INC.		*Elevation 6718'

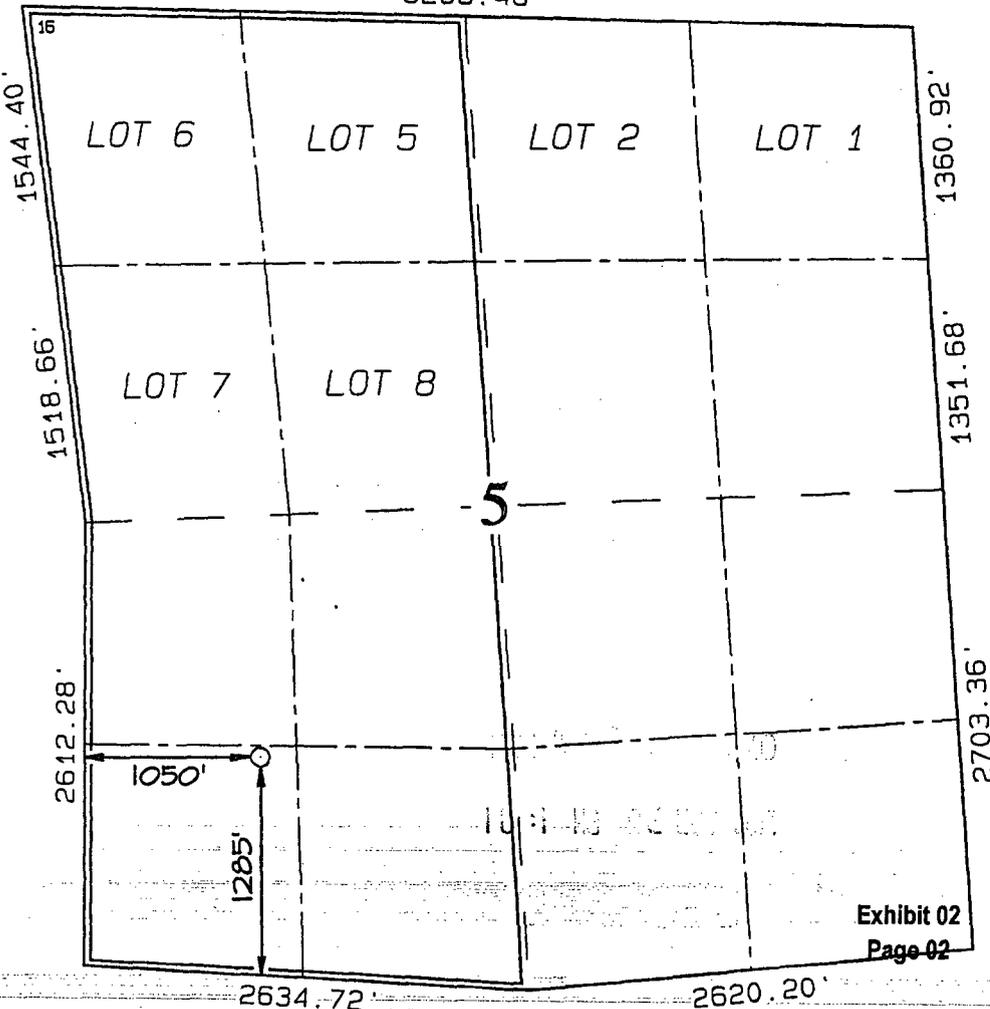
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
M	5	24N	10W		1285	SOUTH	1050	WEST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 332.71 Acres - (W/2)					<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION  
5265.48'



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Michael T. Hanso*  
Signature

Michael T. HANSO  
Printed Name

Engineer  
Title

4/29/03  
Date

---

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: JULY 15, 2002

Signature and Seal of Professional Surveyor

**JASON C. EDWARDS**  
Certificate Number 15269

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code	*Property Name JUNIPER COM		*Well Number 32-5
*GRID No. 4838	*Operator Name COLEMAN OIL & GAS, INC.		*Elevation 6847'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	5	24N	10W		1650	NORTH	1800	EAST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 320.76 Acres - (E/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION  
5265.48'

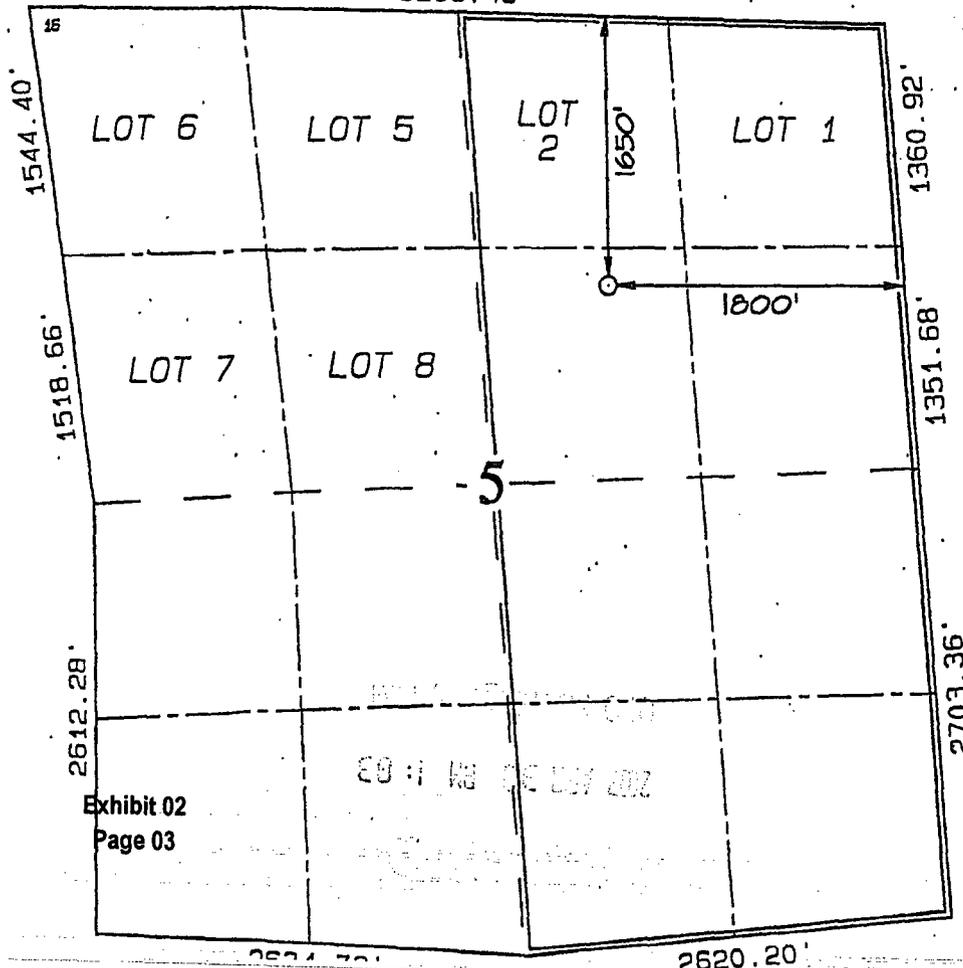


Exhibit 02  
Page 03

<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Michael F. Hanson*  
Signature  
Michael F. Hanson  
Printed Name  
Engineer  
Title  
4/29/03  
Date

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: JUNE 21, 2002

Signature and Seal of Professional Surveyor



JASON C. EDWARDS  
Certificate Number 15269

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code	*Property Name JUNIPER COM		*Well Number 14-6
*GRID No. 4838	*Operator Name COLEMAN OIL & GAS, INC.		*Elevation 6696'

<sup>10</sup> Surface Location

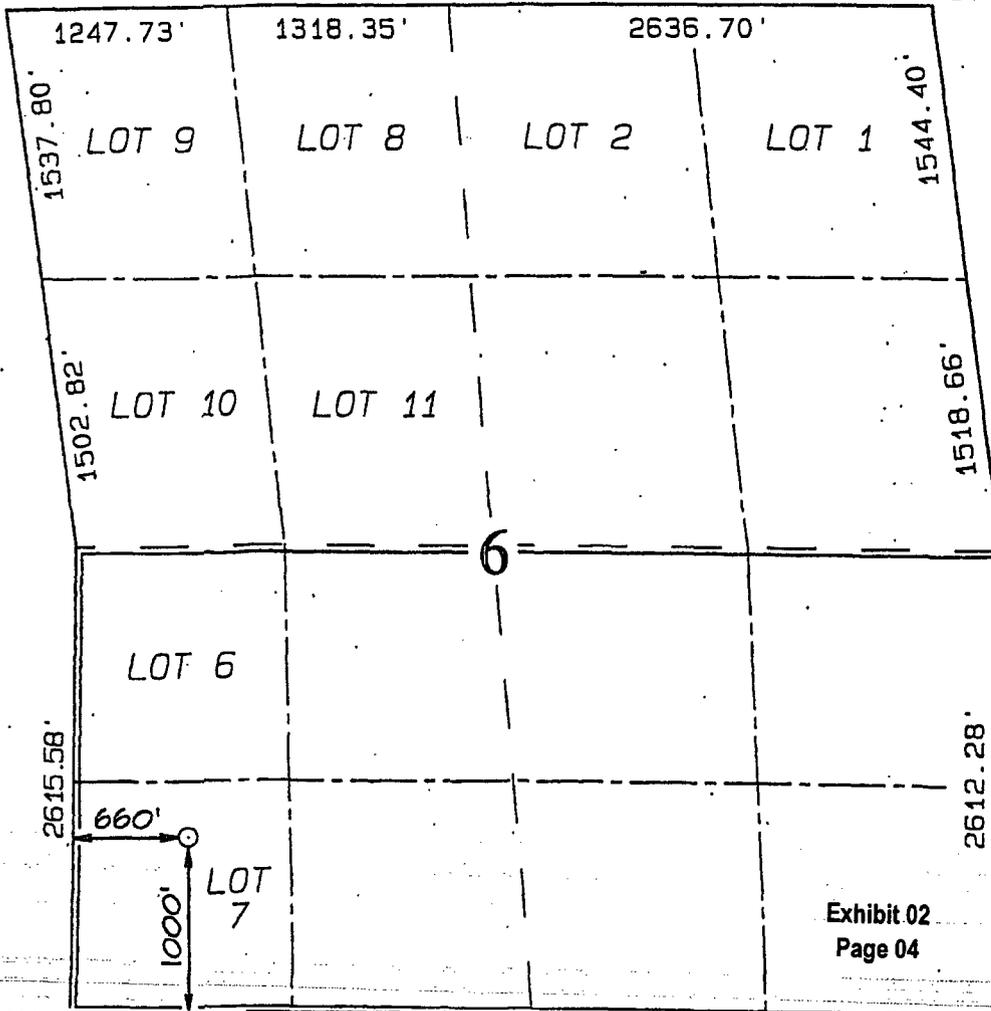
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	6	24N	10W		1000	SOUTH	660	WEST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 315.01 Acres - (S/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Michael T. Hanson*  
Signature

Michael T. Hanson  
Printed Name

Engineer  
Title

8/4/03  
Date

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

Date of Survey: JULY 2, 2002

Signature and Seal of Professional Surveyor

JASON C. EDWARDS  
Certificate Number 15269

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer 00, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code	*Property Name JUNIPER COM		*Well Number 41-6
*GRID No. 4838	*Operator Name COLEMAN OIL & GAS, INC.		*Elevation 6786'

<sup>10</sup> Surface Location

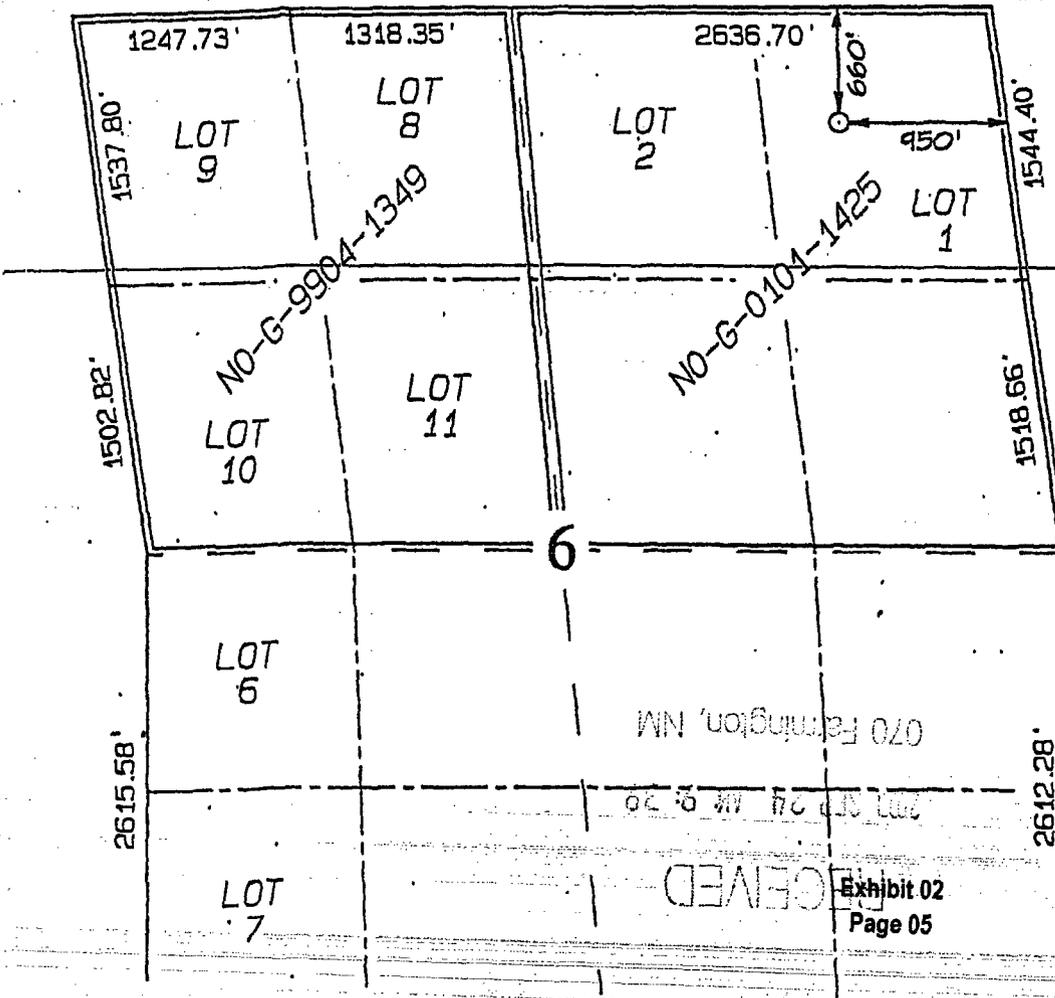
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	6	24N	10W		660	NORTH	950	EAST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 334.80 Acres - (N/2)	*Joint or Infill	*Consolidation Code	*Order No.
--	------------------	---------------------	------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Michael T. Yano*  
Signature  
*Michael T. Yano*  
Printed Name  
Engineer  
Title  
6/4/03  
Date

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: MAY 8, 2003  
Signature and Seal of Professional Surveyor



*Jason C. Edwards*  
Certificate Number 15269

Exhibit 02  
Page 05

**EXHIBIT "3"**  
**LIST OF OWNERS**

	<u>Juniper Com 4 #12</u>	<u>Juniper Com 5 #14</u>	<u>Juniper Com 5 #32</u>	<u>Juniper Com 6 #14</u>	<u>Juniper Com 6 #41</u>
	NOG 9911-1371	NOG 9910-1362	NOG 0101-1434	NOG 9910-1361	NOG 0101-1425
	NM NM 104606	NOG 9910-1366	NOG 9911-1370	NOG 9910-1360	NOG 9904-1349
<b>Royalty Owners</b>					
DOI - MMS	0.06229753	0.00000000	0.00000000	0.00000000	0.00000000
DOI - MMS for BIA	0.08362001	0.16670000	0.18338945	0.16670000	0.18276118
<b>Overriding Royalty Owners</b>					
Merrion Oil & Gas Corporation	0.00000000	0.00000000	0.00000000	0.00000000	0.00429676
<b>Working Interest Owners</b>					
Coleman Oil & Gas, Inc.	0.42704123	0.41665000	0.40830528	0.41665000	0.40647103
EOG Resources, Inc.	0.42704123	0.41665000	0.40830527	0.41665000	0.40647103
<b>Total Revenue Interests</b>	<b>1.00000000</b>	<b>1.00000000</b>	<b>1.00000000</b>	<b>1.00000000</b>	<b>1.00000000</b>



2030 AFTON PLACE  
 FARMINGTON, N.M. 87401  
 (505) 325-6622

ANALYSIS NO. CM250020  
 CUST. NO. 18200 - 10410

**WELL/LEASE INFORMATION**

CUSTOMER NAME	COLEMAN OIL AND GAS INC.	SOURCE	WELLHEAD
WELL NAME	JUNIPER COM #14-5	PRESSURE	60 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	N
FIELD		DATE SAMPLED	5/6/2005
FORMATION		SAMPLED BY	BRUCE TAYLOR
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

COMPONENT	ANALYSIS			
	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	6.221	0.0000	0.00	0.0802
CO2	0.230	0.0000	0.00	0.0035
METHANE	93.077	0.0000	942.22	0.5156
ETHANE	0.466	0.1246	8.27	0.0048
PROPANE	0.000	0.0000	0.00	0.0000
I-BUTANE	0.001	0.0003	0.03	0.0000
N-BUTANE	0.000	0.0000	0.00	0.0000
I-PENTANE	0.004	0.0015	0.16	0.0001
N-PENTANE	0.000	0.0000	0.00	0.0000
HEXANE PLUS	0.001	0.0004	0.05	0.0000
TOTAL	100.000	0.1268	950.73	0.5843

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\* @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z) 1.0019  
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z) 952.5  
 BTU/CU.FT (WET) CORRECTED FOR (1/Z) 936.8  
 REAL SPECIFIC GRAVITY 0.5853

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650 947.4  
 DRY BTU @ 14.696 950.3  
 DRY BTU @ 14.730 952.5  
 DRY BTU @ 15.025 971.6

CYLINDER # K015  
 CYLINDER PRESSURE 66 PSIG  
 DATE RUN 5/9/2005  
 ANALYSIS RUN BY ROSEANN MUNIZ



2030 AFTON PLACE  
 FARMINGTON, N.M. 87401  
 (505) 325-6622

ANALYSIS NO. CM250022  
 CUST. NO. 18200 - 10420

**WELL/LEASE INFORMATION**

<b>CUSTOMER NAME</b>	COLEMAN OIL AND GAS INC.	<b>SOURCE</b>	WELLHEAD
<b>WELL NAME</b>	JUNIPER COM #32-5	<b>PRESSURE</b>	66 PSIG
<b>COUNTY/ STATE</b>	SAN JUAN NM	<b>SAMPLE TEMP</b>	N/A DEG.F
<b>LOCATION</b>		<b>WELL FLOWING</b>	N
<b>FIELD</b>		<b>DATE SAMPLED</b>	5/6/2005
<b>FORMATION</b>		<b>SAMPLED BY</b>	BRUCE TAYLOR
<b>CUST.STN.NO.</b>		<b>FOREMAN/ENGR.</b>	

**REMARKS**

COMPONENT	MOLE %	ANALYSIS		
		GPM**	B.T.U.*	SP.GR *
NITROGEN	7.120	0.0000	0.00	0.0689
CO2	0.021	0.0000	0.00	0.0003
METHANE	92.517	0.0000	936.55	0.5125
ETHANE	0.327	0.0874	5.80	0.0034
PROPANE	0.000	0.0000	0.00	0.0000
I-BUTANE	0.001	0.0003	0.03	0.0000
N-BUTANE	0.000	0.0000	0.00	0.0000
I-PENTANE	0.012	0.0044	0.48	0.0003
N-PENTANE	0.001	0.0004	0.04	0.0000
HEXANE PLUS	0.001	0.0004	0.05	0.0000
<b>TOTAL</b>	<b>100.000</b>	<b>0.0929</b>	<b>942.95</b>	<b>0.5855</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\* @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0018
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	944.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	929.1
REAL SPECIFIC GRAVITY	0.5865

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	939.5
DRY BTU @ 14.696	942.5
DRY BTU @ 14.730	944.7
DRY BTU @ 15.025	963.6

CYLINDER #	A038
CYLINDER PRESSURE	72 PSIG
DATE RUN	5/9/2005
ANALYSIS RUN BY	ROSEANN MUNIZ

Exhibit 04  
 Page 02



2030 AFTON PLACE  
 FARMINGTON, N.M. 87401  
 (505) 325-6622

ANALYSIS NO. CM250021  
 CUST. NO. 18200 - 10415

**WELL/LEASE INFORMATION**

CUSTOMER NAME	COLEMAN OIL AND GAS INC.	SOURCE	WELLHEAD
WELL NAME	JUNIPER COM #14-6	PRESSURE	35 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	N
FIELD		DATE SAMPLED	5/8/2005
FORMATION		SAMPLED BY	BRUCE TAYLOR
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

COMPONENT	MOLE %	ANALYSIS		
		GPM**	B.T.U.*	SP.GR *
NITROGEN	16.492	0.0000	0.00	0.1595
CO2	0.028	0.0000	0.00	0.0004
METHANE	83.144	0.0000	841.87	0.4606
ETHANE	0.332	0.0887	5.89	0.0034
PROPANE	0.000	0.0000	0.00	0.0000
I-BUTANE	0.001	0.0003	0.03	0.0000
N-BUTANE	0.000	0.0000	0.00	0.0000
I-PENTANE	0.002	0.0007	0.08	0.0000
N-PENTANE	0.000	0.0000	0.00	0.0000
HEXANE PLUS	0.001	0.0004	0.05	0.0000
<b>TOTAL</b>	<b>100.000</b>	<b>0.0902</b>	<b>847.72</b>	<b>0.6241</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\* @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z) 1.0016  
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z) 849.1  
 BTU/CU.FT (WET) CORRECTED FOR (1/Z) 835.2  
 REAL SPECIFIC GRAVITY 0.6249

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650 844.5  
 DRY BTU @ 14.696 847.1  
 DRY BTU @ 14.730 849.1  
 DRY BTU @ 15.025 866.1

CYLINDER # K013  
 CYLINDER PRESSURE 37 PSIG  
 DATE RUN 5/9/2005  
 ANALYSIS RUN BY ROSEANN MUNIZ

Exhibit 04

Page 03



2030 AFTON PLACE  
 FARMINGTON, N.M. 87401  
 (505) 325-6622

ANALYSIS NO. CM250023  
 CUST. NO. 18200 - 10425

**WELL/LEASE INFORMATION**

CUSTOMER NAME	COLEMAN OIL AND GAS INC.	SOURCE	INLET OF SEPARATOR
WELL NAME	JUNIPER COM #41-6	PRESSURE	76 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	Y
FIELD		DATE SAMPLED	5/6/2005
FORMATION		SAMPLED BY	BRUCE TAYLOR
CUST.STN.NO.		FOREMAN/ENGR.	

**REMARKS**

**ANALYSIS**

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	7.438	0.0000	0.00	0.0719
CO2	0.955	0.0000	0.00	0.0145
METHANE	91.258	0.0000	923.80	0.5055
ETHANE	0.342	0.0914	6.07	0.0036
PROPANE	0.000	0.0000	0.00	0.0000
I-BUTANE	0.001	0.0003	0.03	0.0000
N-BUTANE	0.001	0.0003	0.03	0.0000
I-PENTANE	0.003	0.0011	0.12	0.0001
N-PENTANE	0.001	0.0004	0.04	0.0000
HEXANE PLUS	0.001	0.0004	0.05	0.0000
<b>TOTAL</b>	<b>100.000</b>	<b>0.0940</b>	<b>930.14</b>	<b>0.5957</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\* @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0018
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	931.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	916.5
REAL SPECIFIC GRAVITY	0.5967

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

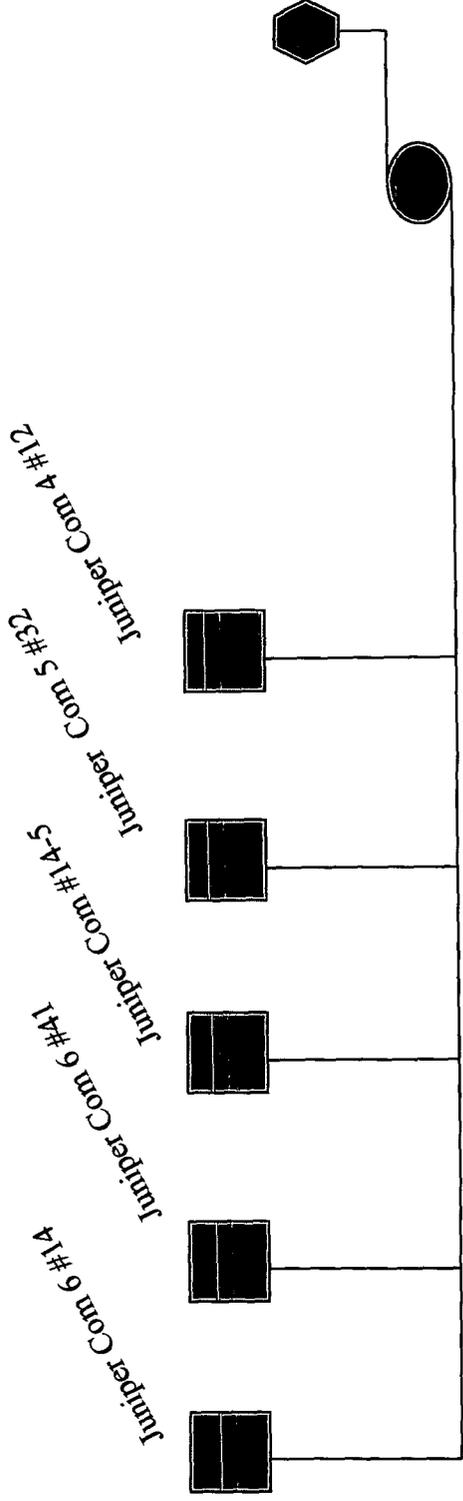
DRY BTU @ 14.650	926.8
DRY BTU @ 14.696	929.7
DRY BTU @ 14.730	931.8
DRY BTU @ 15.025	950.5

CYLINDER #	K040
CYLINDER PRESSURE	85 PSIG
DATE RUN	5/9/2005
ANALYSIS RUN BY	ROSEANN MUNIZ

Exhibit 04

Page 04

# Juniper CPD #2 Surface Commingle

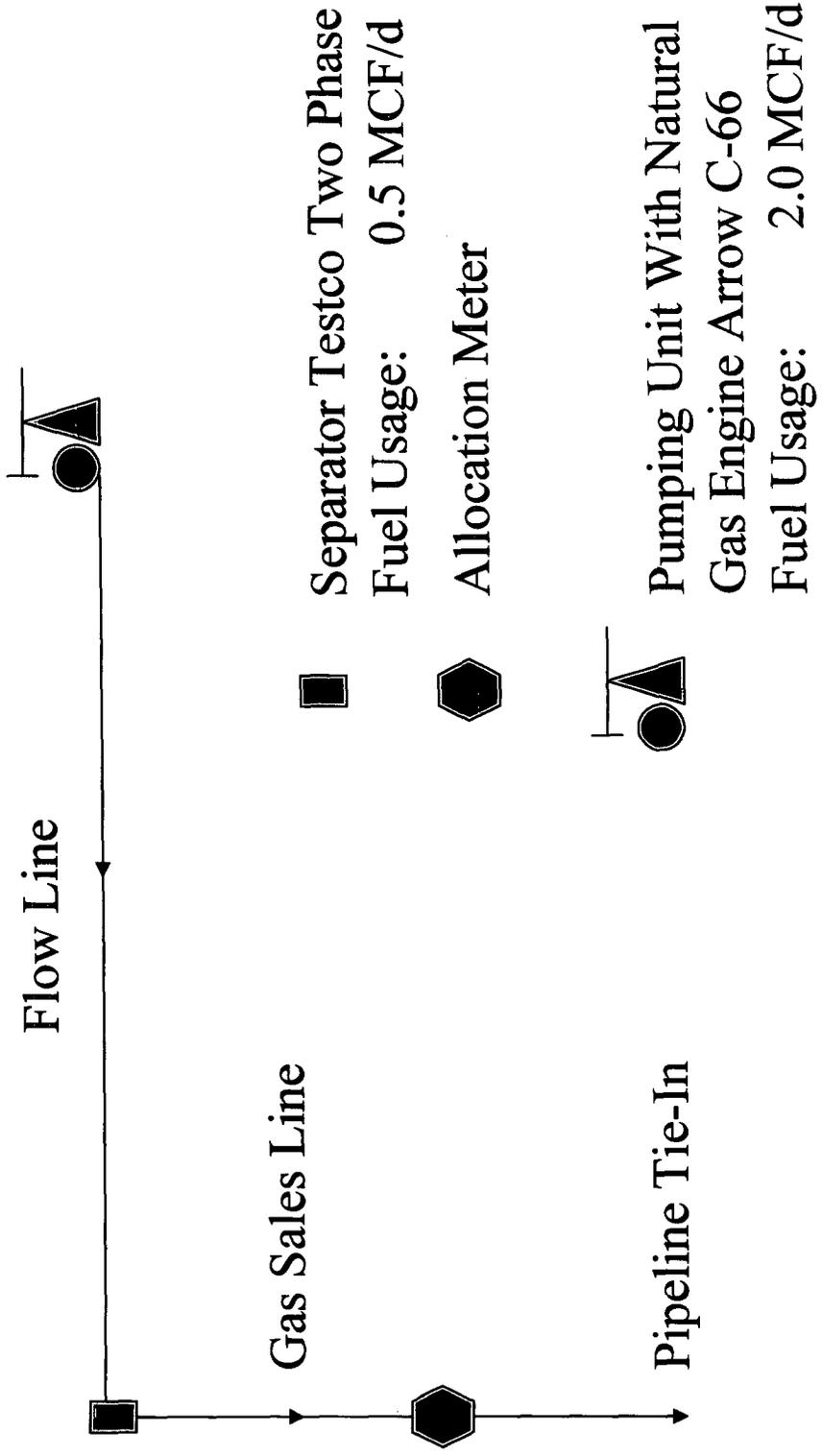


Compressor, None at this time      Fuel Usage: 0 MCF/d

El Paso Juniper CPD #2 Meter

Location Pad

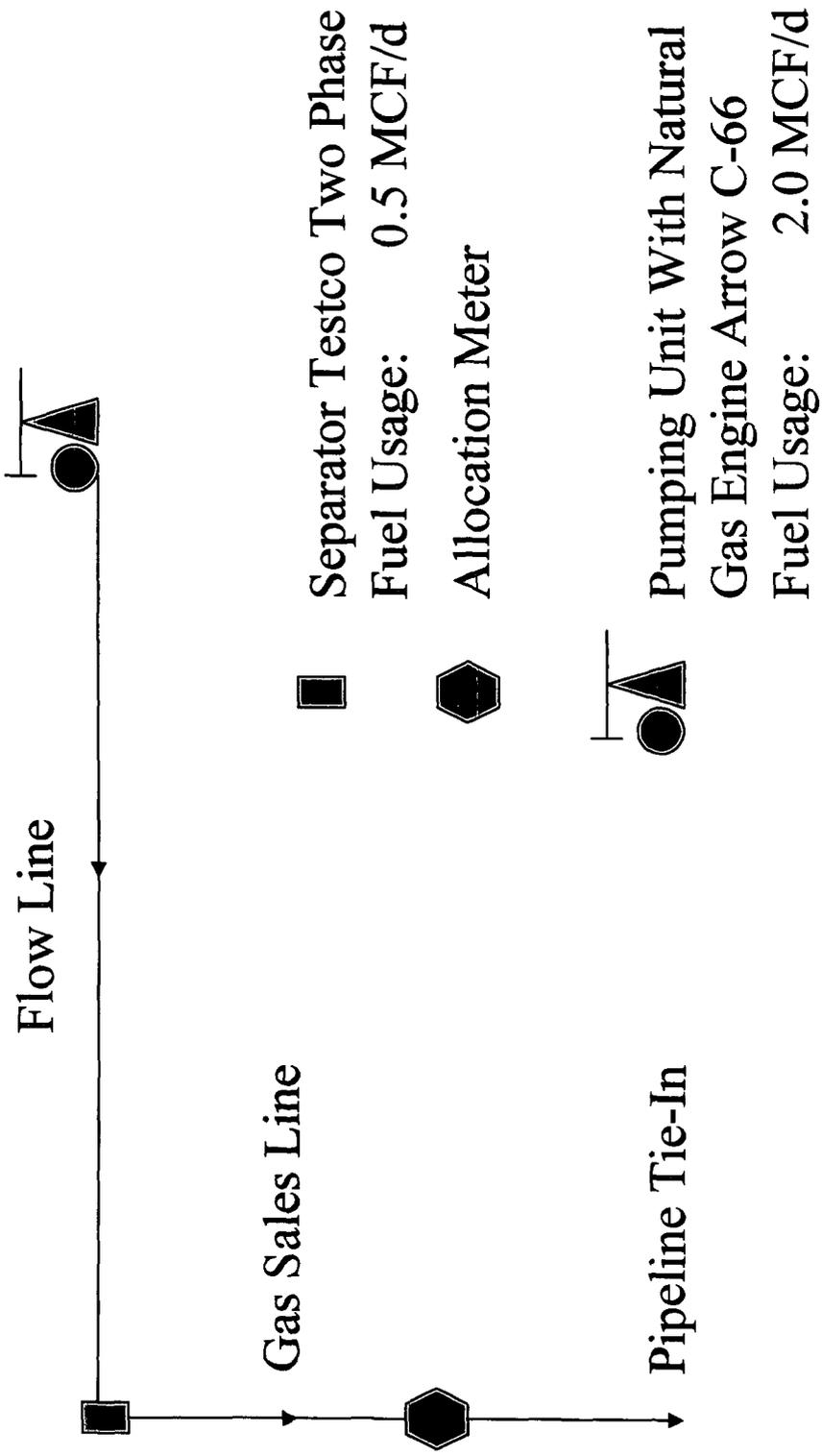
# Juniper Com 4 #12 Surface Facility



5/4/2005

Exhibit 5A

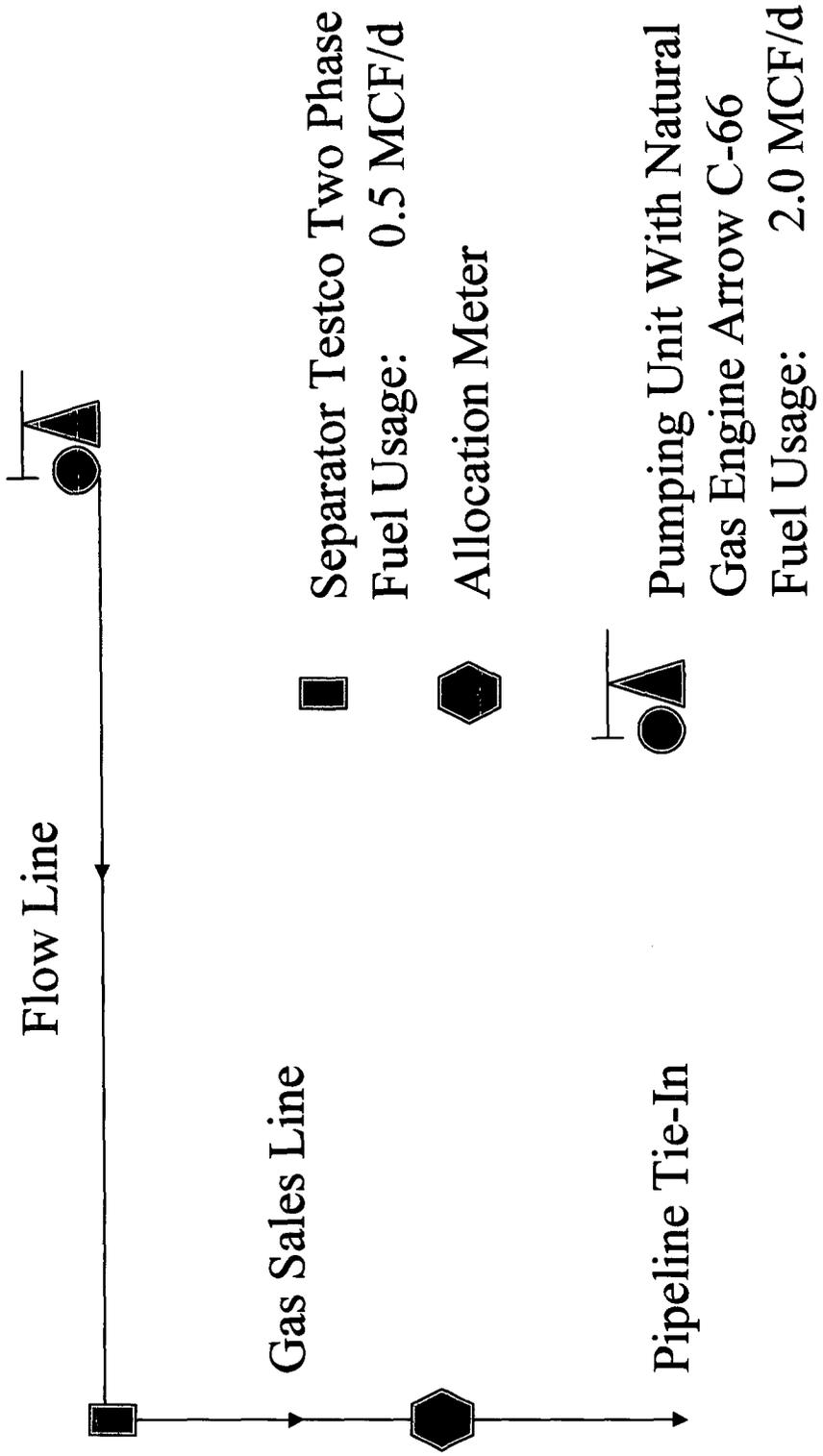
# Juniper Com 5 #32 Surface Facility



5/4/2005

Exhibit 5B

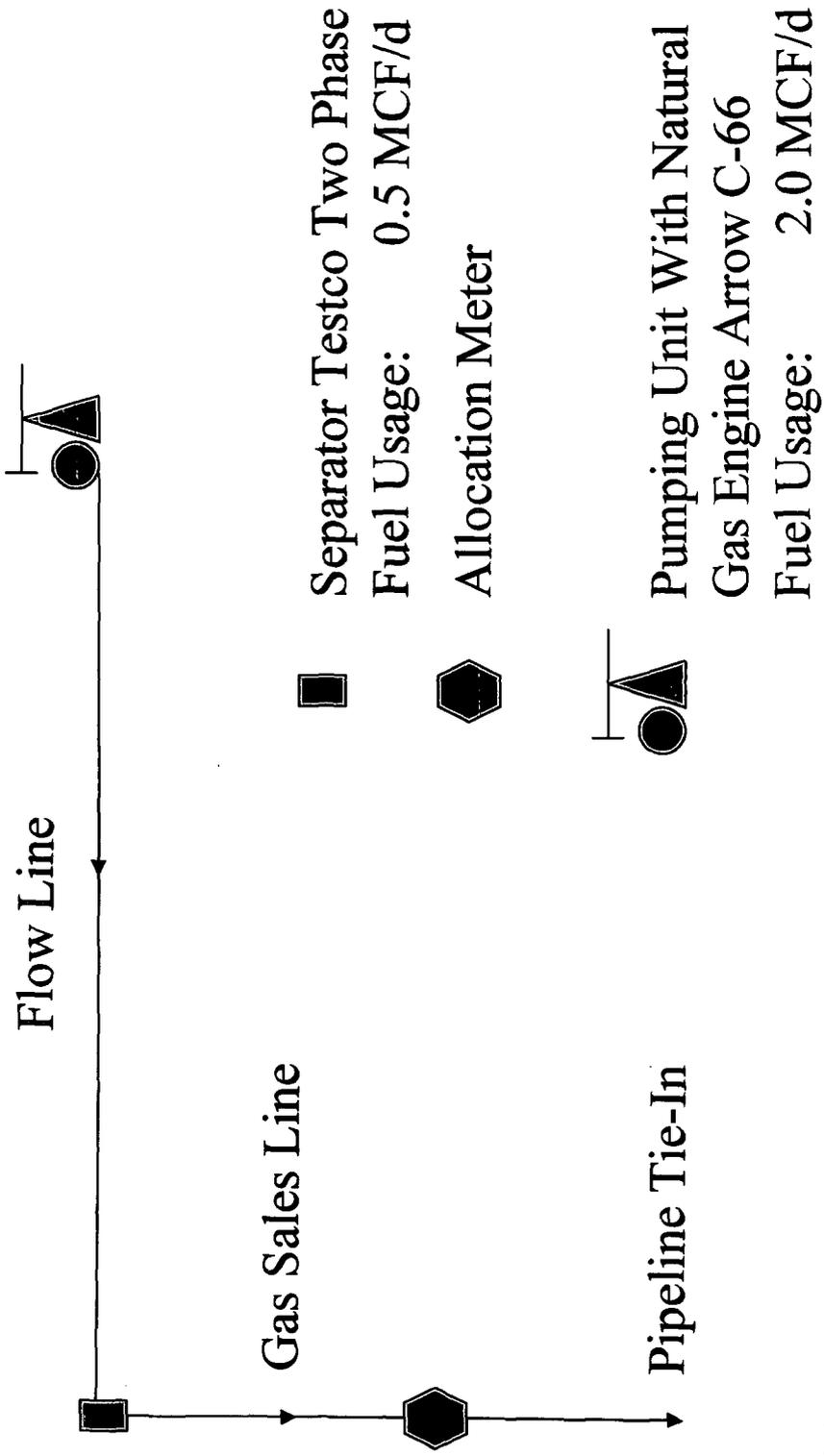
# Juniper Com 5 #14 Surface Facility



5/4/2005

Exhibit 5C

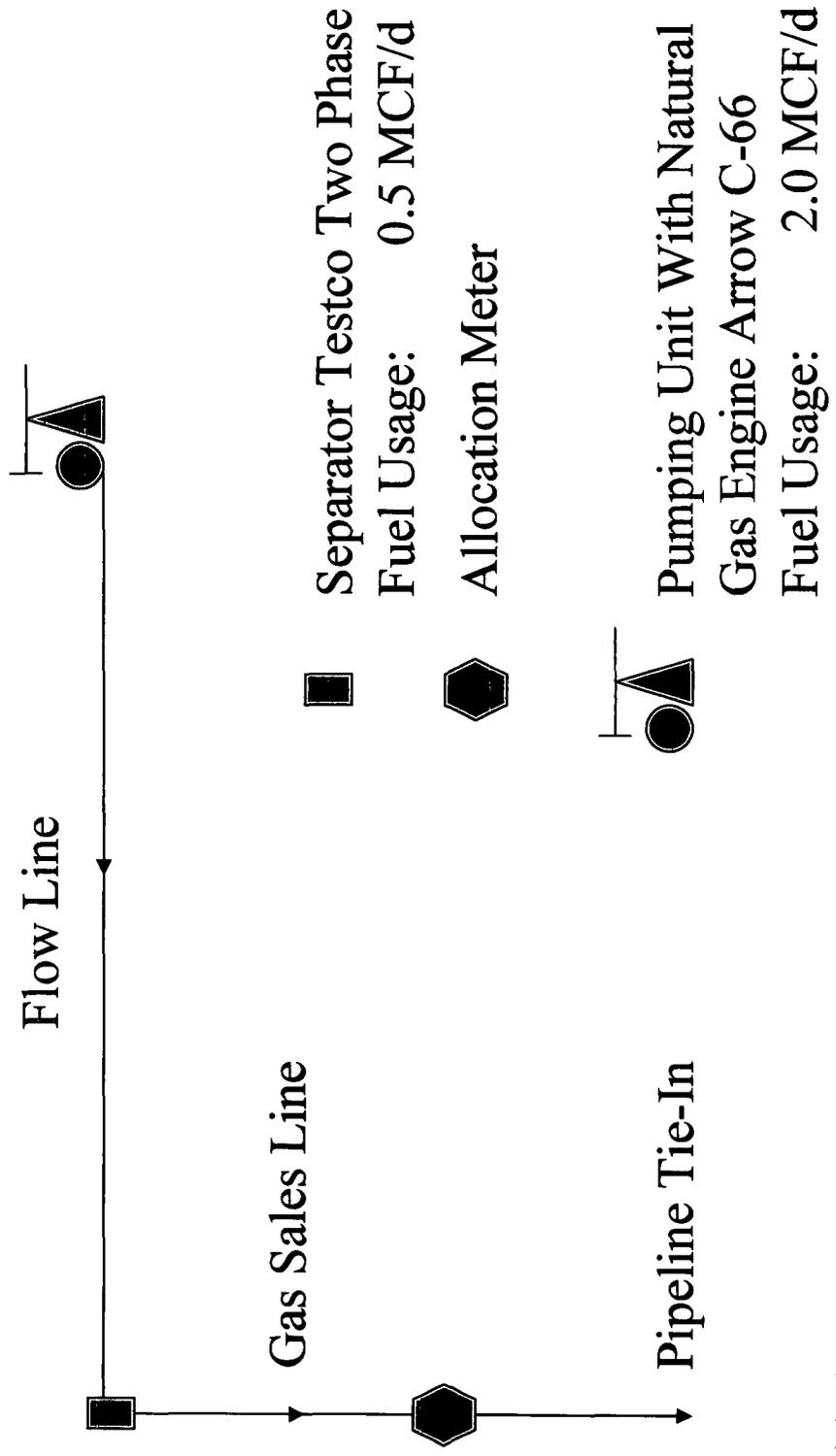
# Juniper Com 6 #41 Surface Facility



5/4/2005

Exhibit 5D

# Juniper Com 6 #14 Surface Facility



5/4/2005

Exhibit 5E