

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 polyethylene 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

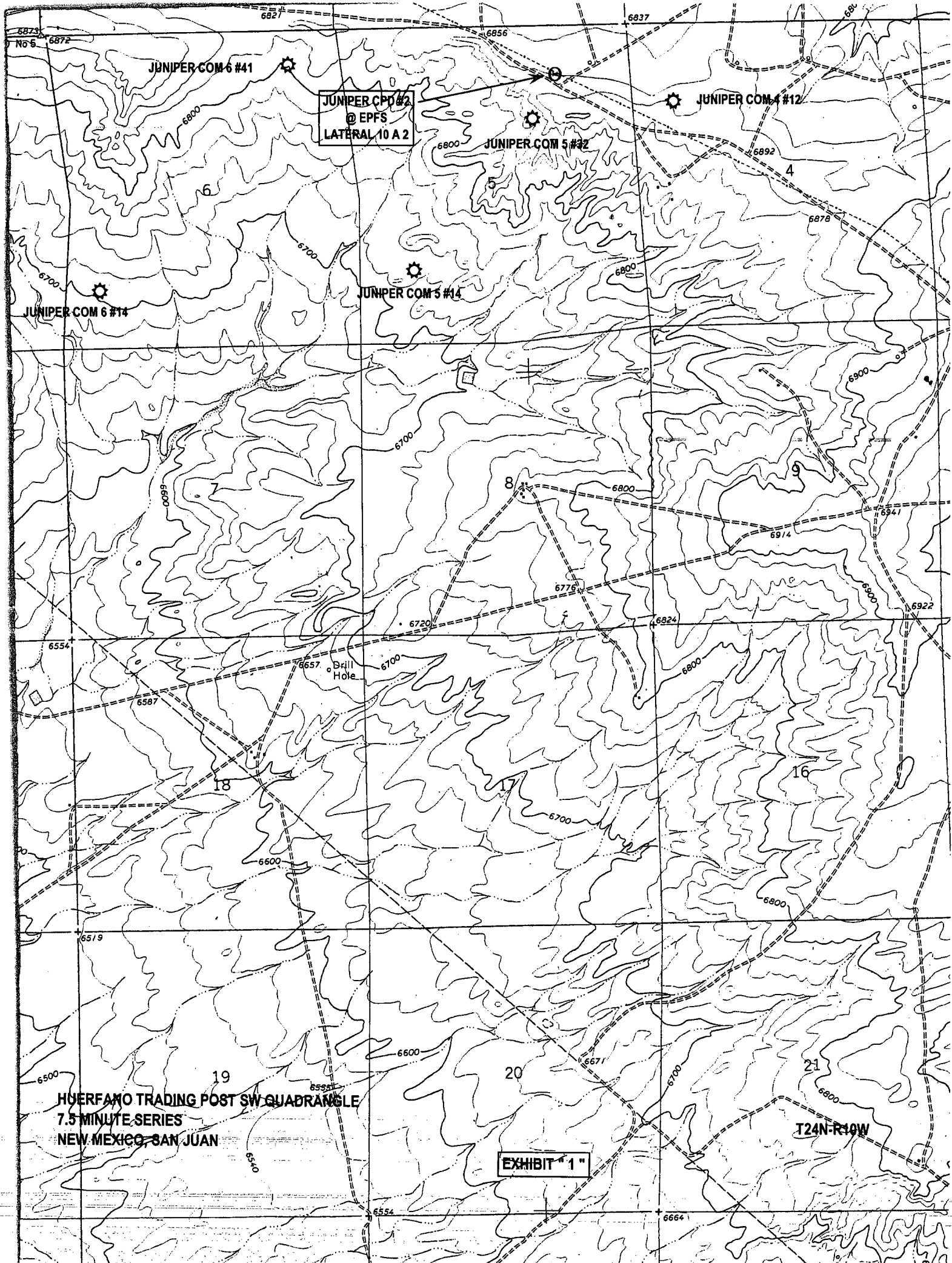
Application for Surface Commingling

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



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

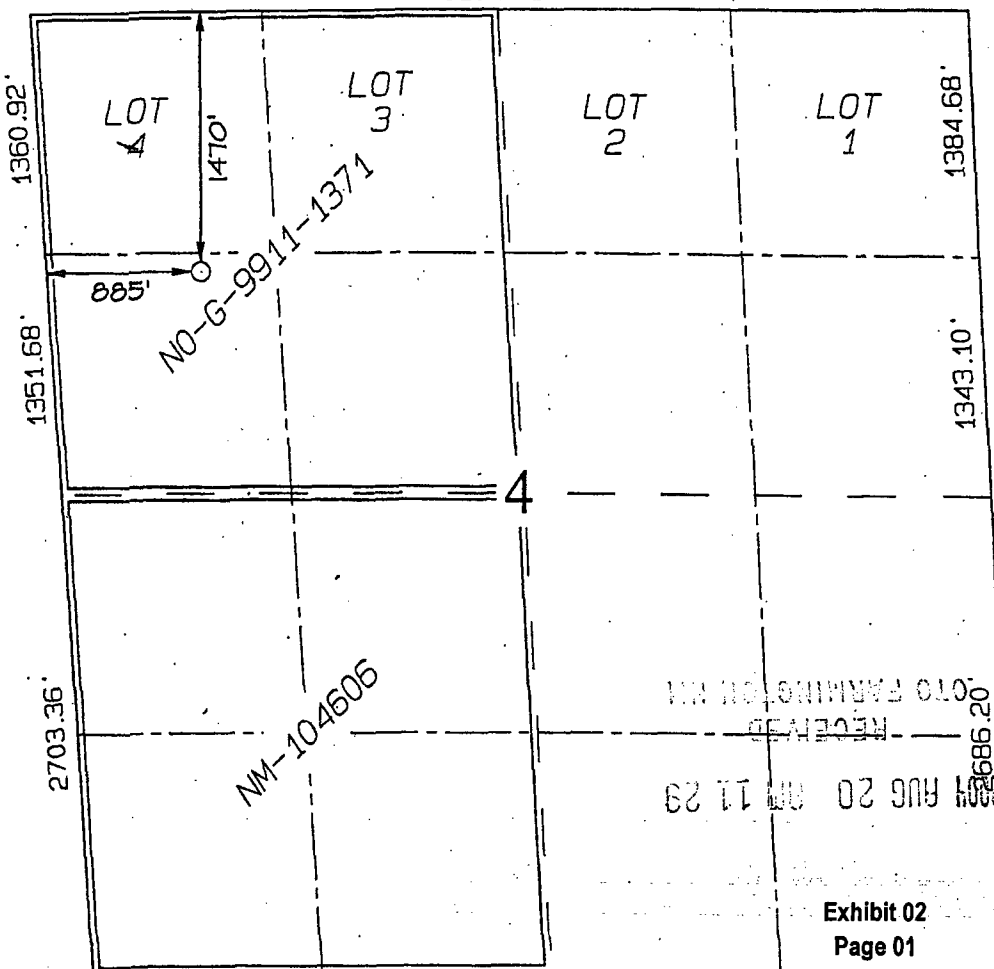
¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres 321.04 Acres - (W/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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'



5182.98'

Exhibit 02
Page 01

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. Hanson
Signature

Michael T. Hanson
Printed Name

Engineer
Title

Aug 18, 2007
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
Certificate Number 15269

District I
PO Box 1950, 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

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☐ 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 14-5
*GRID No. 4838	*Operator Name COLEMAN OIL & GAS, INC.		*Elevation 6718'

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
M	5	24N	10W		1285	SOUTH	1050	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

¹² Dedicated Acres 332.71 Acres - (W/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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'

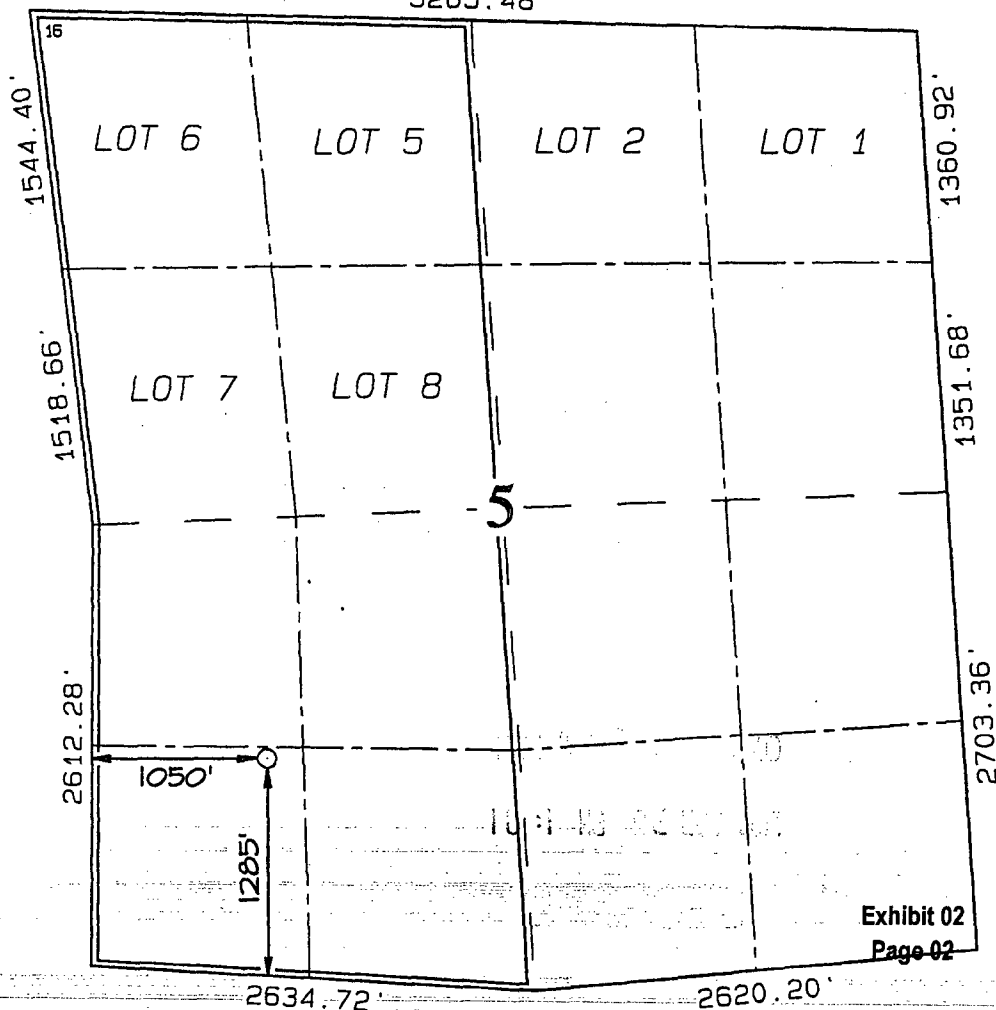


Exhibit 02
Page 02

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. Hanso
Signature

Michael T. Hanso
Printed Name

Engineer
Title

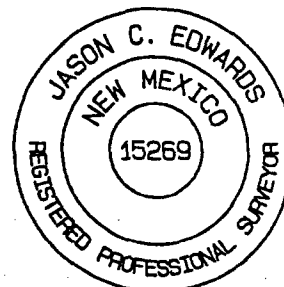
4/29/03
Date

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: 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

OIL CONSERVATION DIVISION

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Santa Fe, NM 87504-2088

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☐ 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
*OGRID No. 4838	*Operator Name COLEMAN OIL & GAS, INC.		*Elevation 6847'

¹⁰ Surface Location

UL or lot no. G	Section 5	Township 24N	Range 10W	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 1800	East/West line EAST	County SAN JUAN
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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
¹² Dedicated Acres 320.76 Acres - (E/2)					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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'

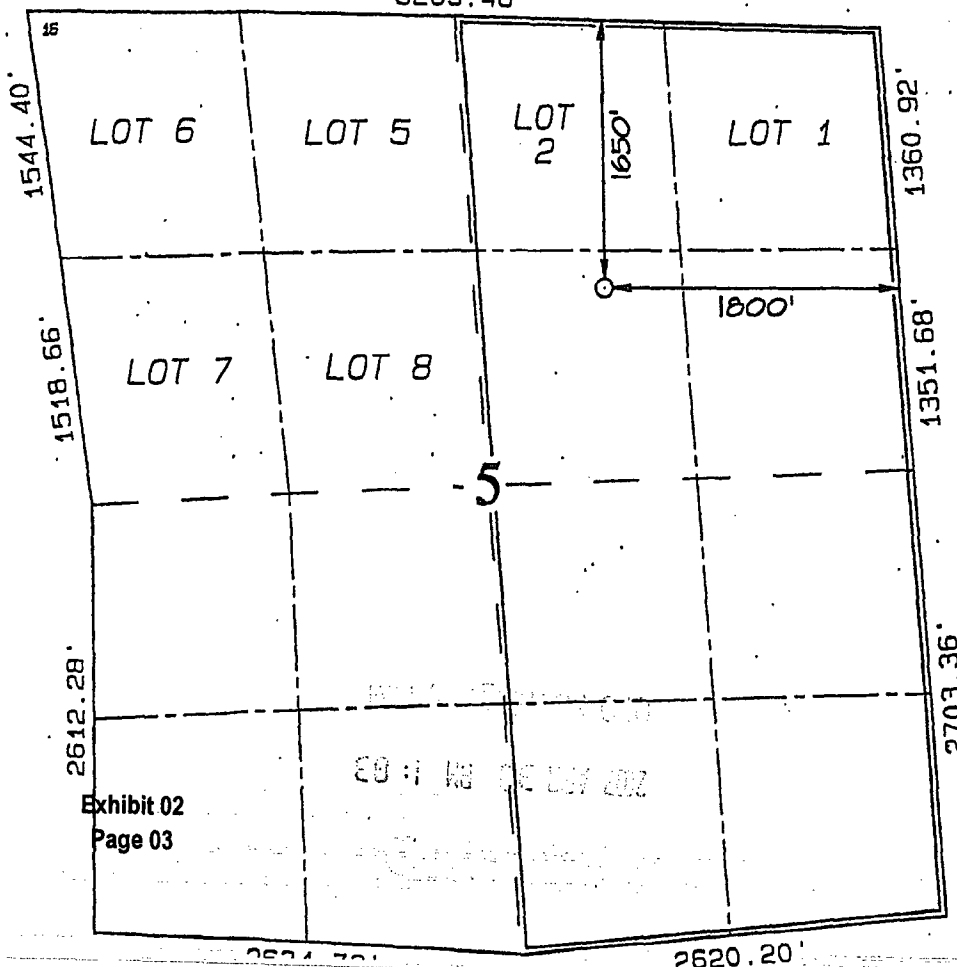


Exhibit 02
Page 03

¹⁷ 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

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: 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
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☐ 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'

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
M	6	24N	10W		1000	SOUTH	660	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
¹² Dedicated Acres 315.01 Acres - (S/2)					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
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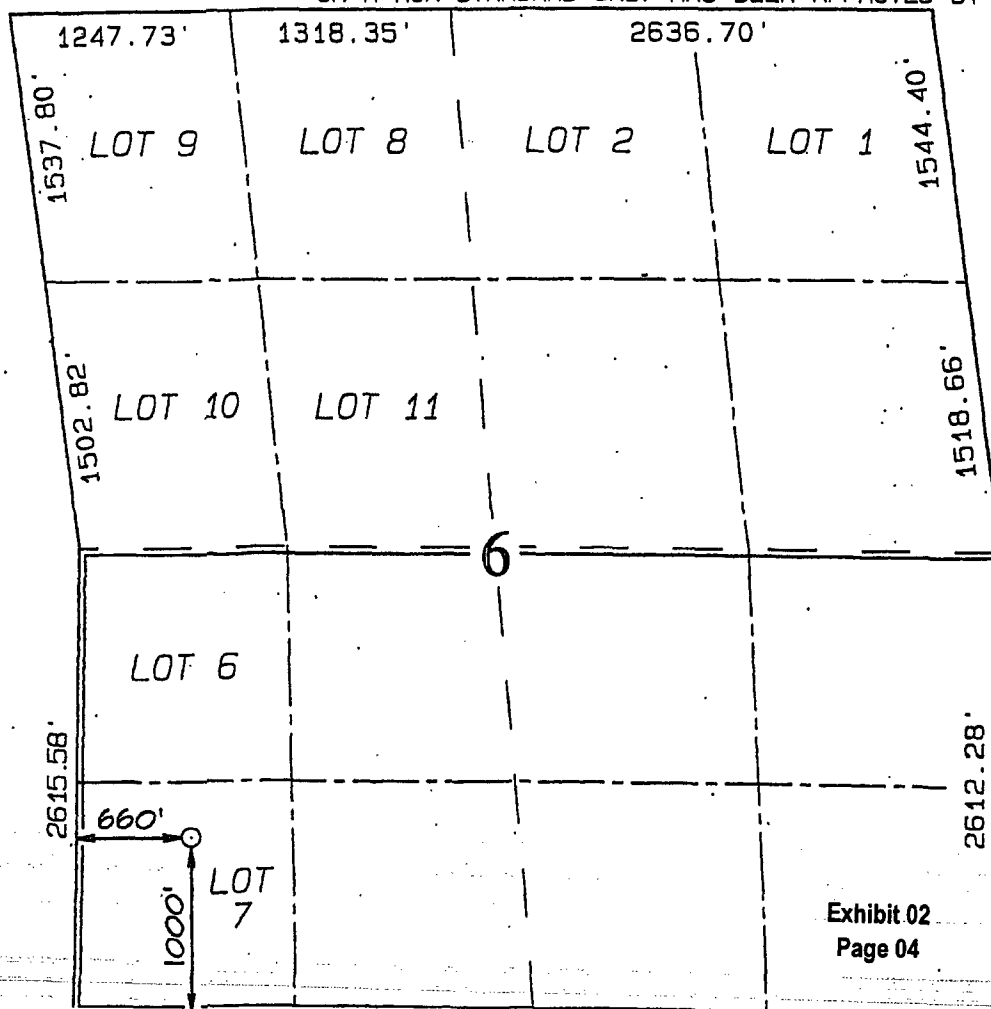


Exhibit 02
Page 04

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. Hanson
Signature

Michael T. Hanson
Printed Name

Engineer
Title

8/4/03
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: 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

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☐ 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'

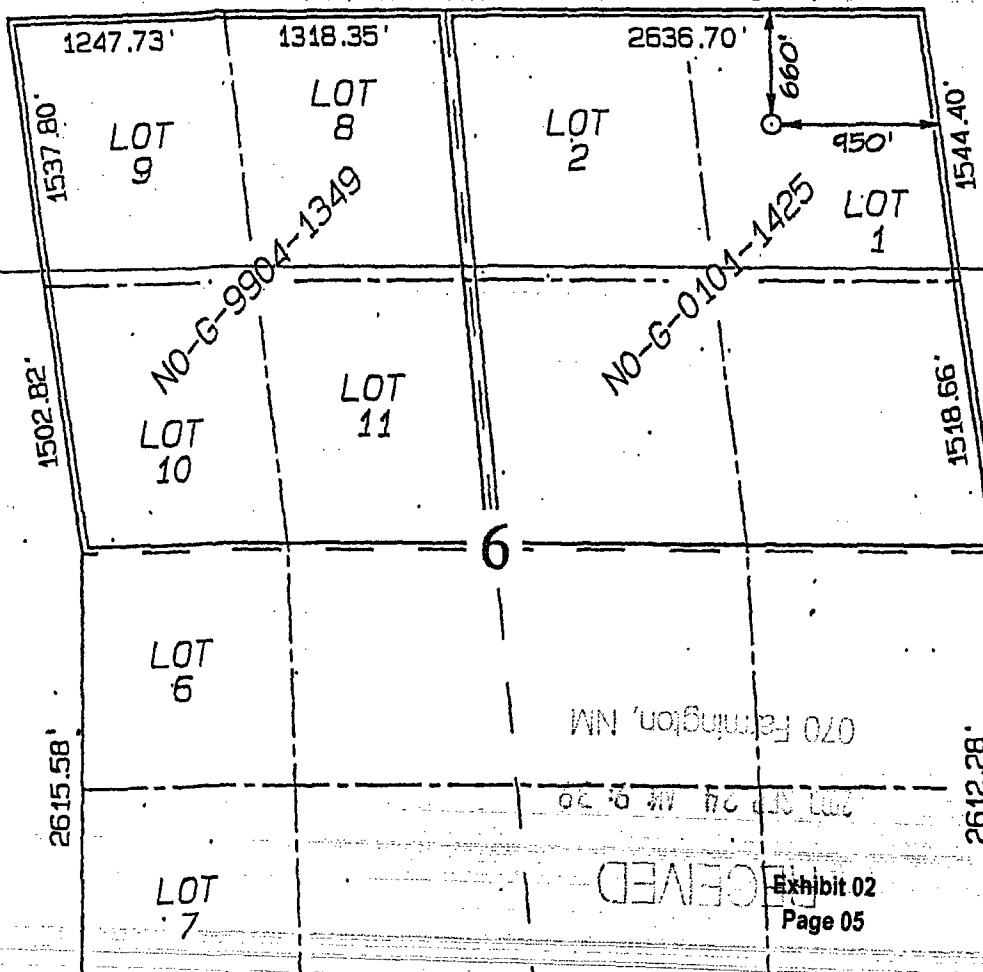
¹⁰ Surface Location

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



¹⁷ OPERATOR CERTIFICATION

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

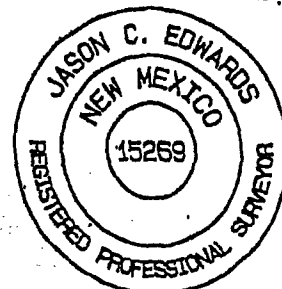
Michael T. Yano
Signature
Michael T. Yano
Printed Name
Engineer
Title
8/4/03
Date

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
Certificate Number 15269

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
Royalty Owners					
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
Overriding Royalty Owners					
Merrion Oil & Gas Corporation	0.00000000	0.00000000	0.00000000	0.00000000	0.00429676
Working Interest Owners					
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
Total Revenue Interests	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000



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	MOLE %	ANALYSIS		
		GPM**	B.T.U.*	SP.GR *
NITROGEN	6.221	0.0000	0.00	0.0602
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

Exhibit 04
Page 01



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

ANALYSIS NO. CM250022
CUST. NO. 18200 - 10420

WELL/LEASE INFORMATION

CUSTOMER NAME	COLEMAN OIL AND GAS INC.	SOURCE	WELLHEAD
WELL NAME	JUNIPER COM #32-5	PRESSURE	66 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	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
TOTAL	100.000	0.0929	942.95	0.5855

* @ 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	ANALYSIS			
	MOLE %	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
TOTAL	100.000	0.0902	847.72	0.6241

* @ 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

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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
TOTAL	100.000	0.0940	930.14	0.5957

* @ 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

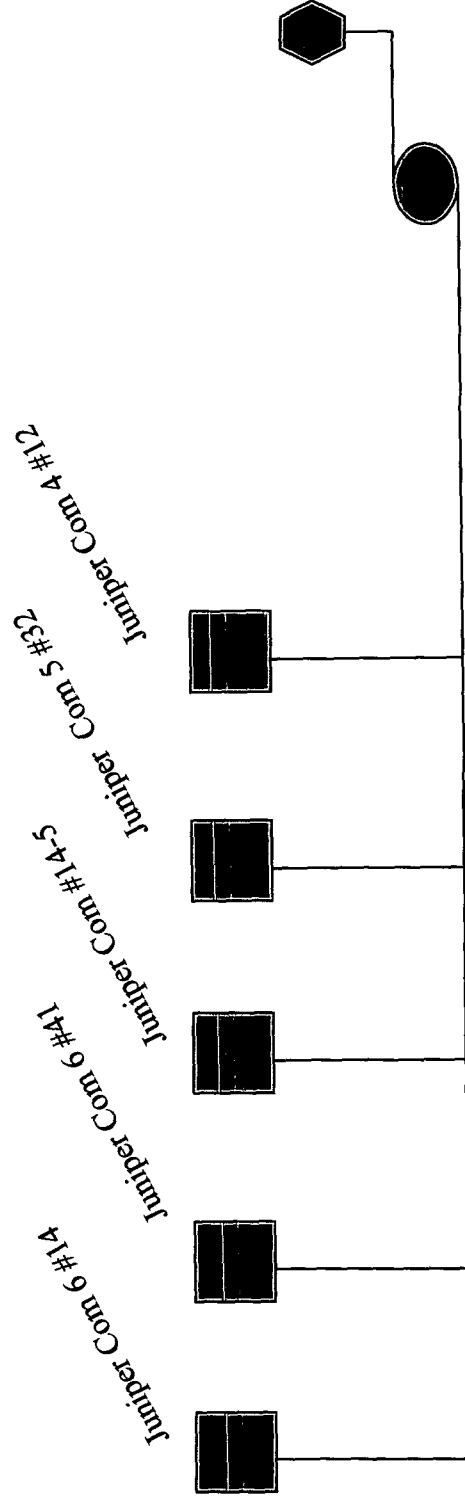
DRY BTU @ 14.650	926.8
DRY BTU @ 14.696	929.7
DRY BTU @ 14.730	931.8
DRY BTU @ 15.025	950.5

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



Fuel Usage: 0 MCF/d

Compressor, None at this time

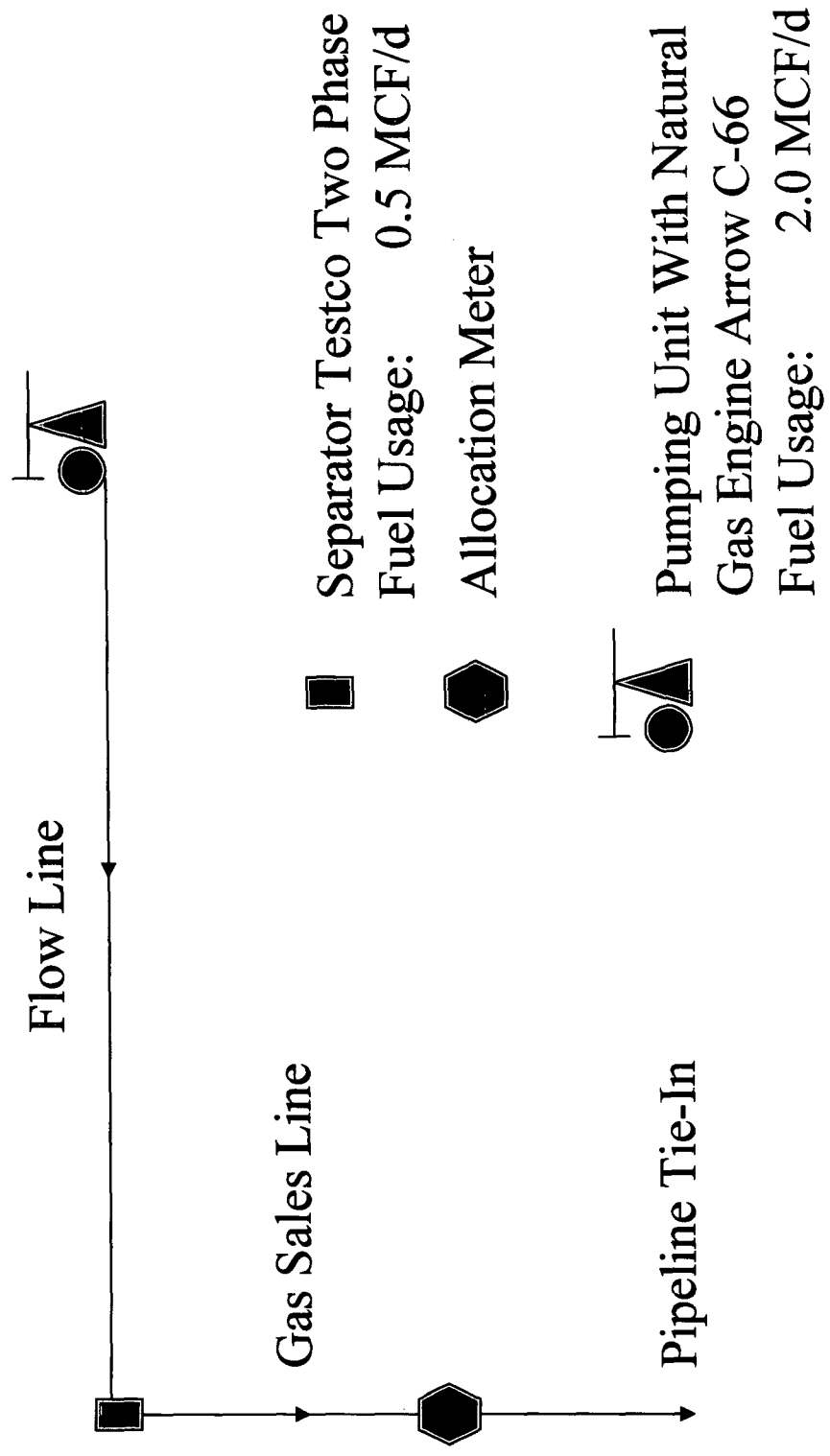
El Paso Juniper CPD #2 Meter

Location Pad

5/4/2005

Exhibit 5

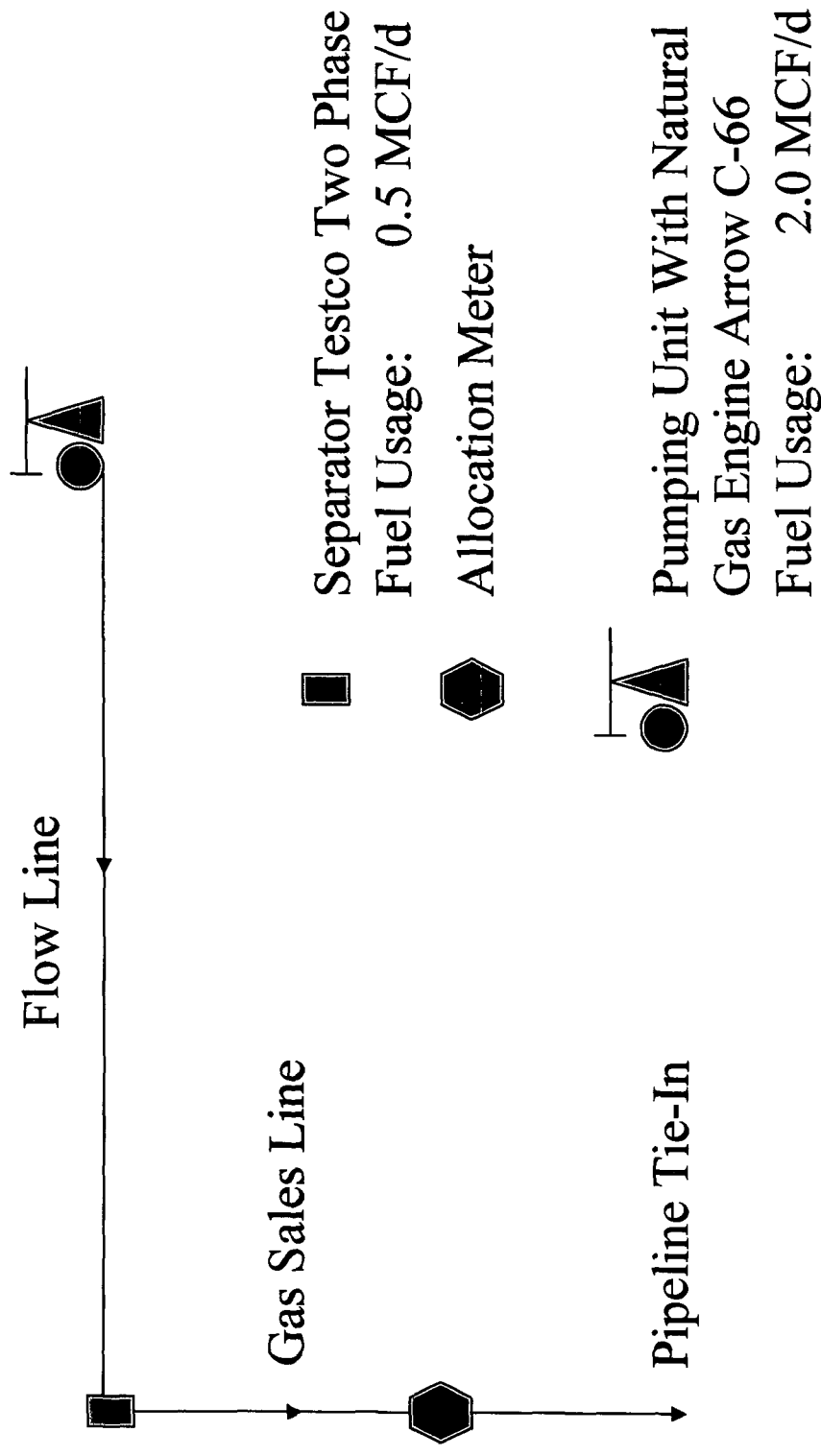
Juniper Com 4 #12 Surface Facility



5/4/2005

Exhibit 5A

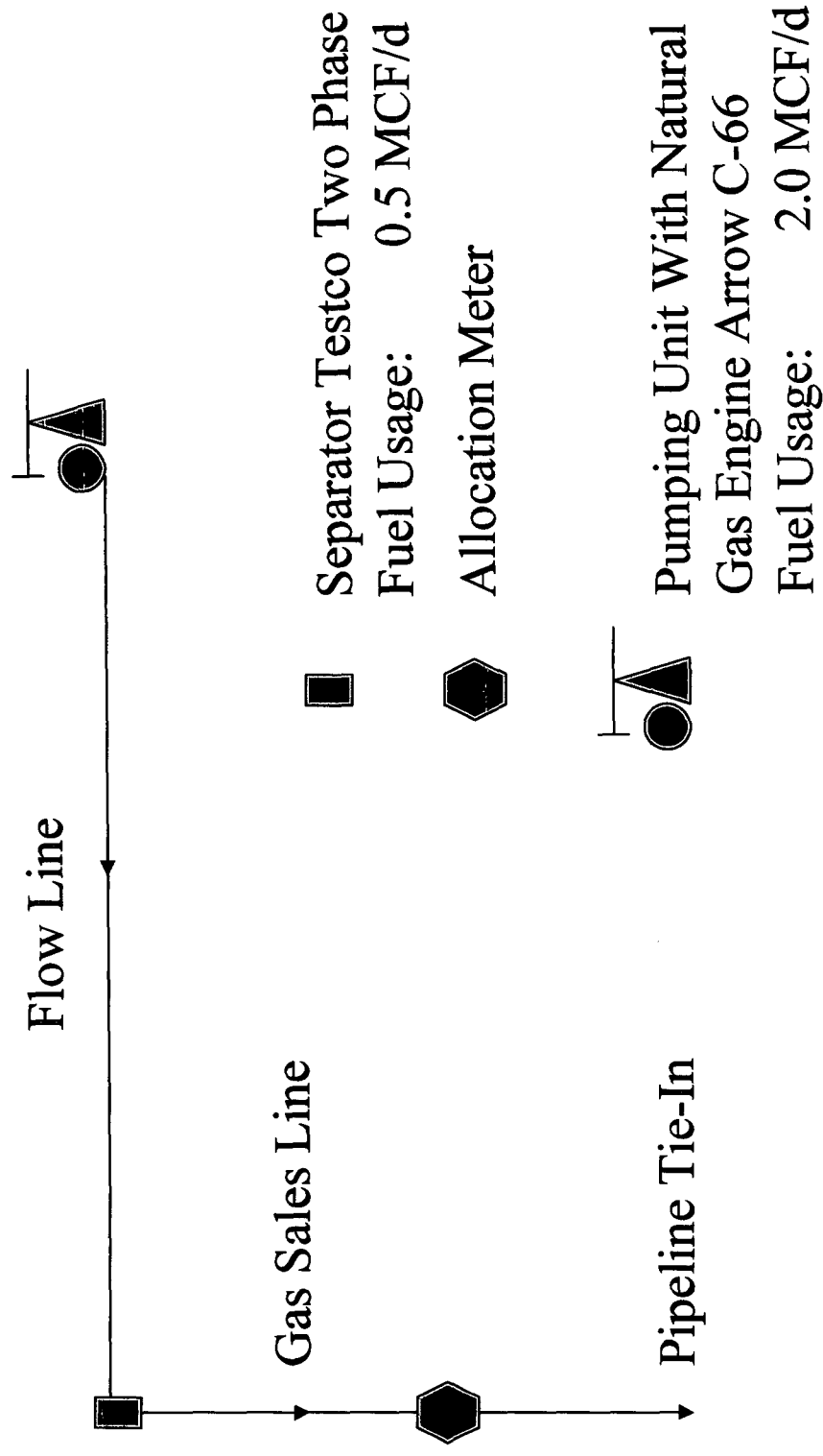
Juniper Com 5 #32 Surface Facility



5/4/2005

Exhibit 5B

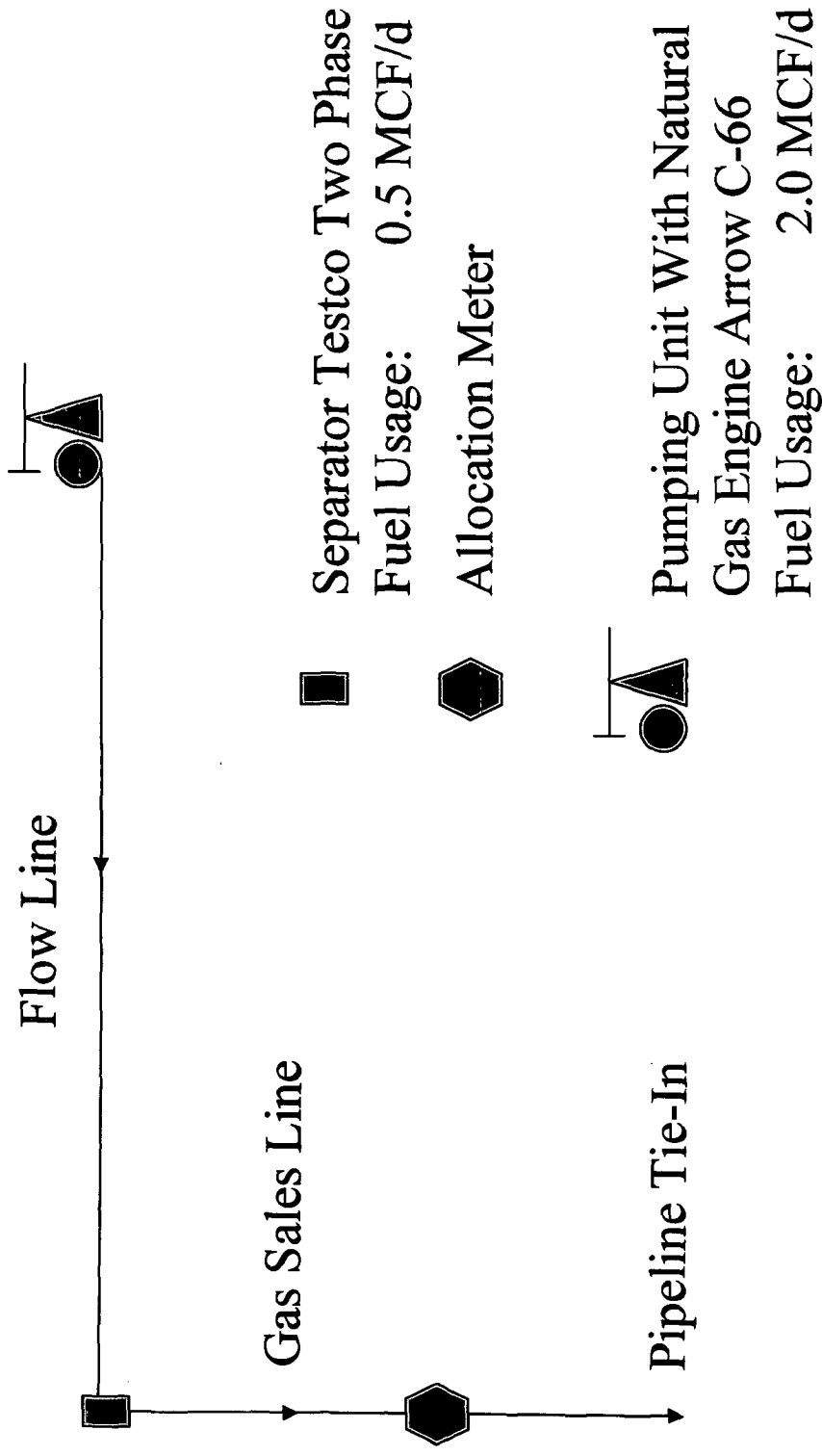
Juniper Com 5 #14 Surface Facility



5/4/2005

Exhibit 5C

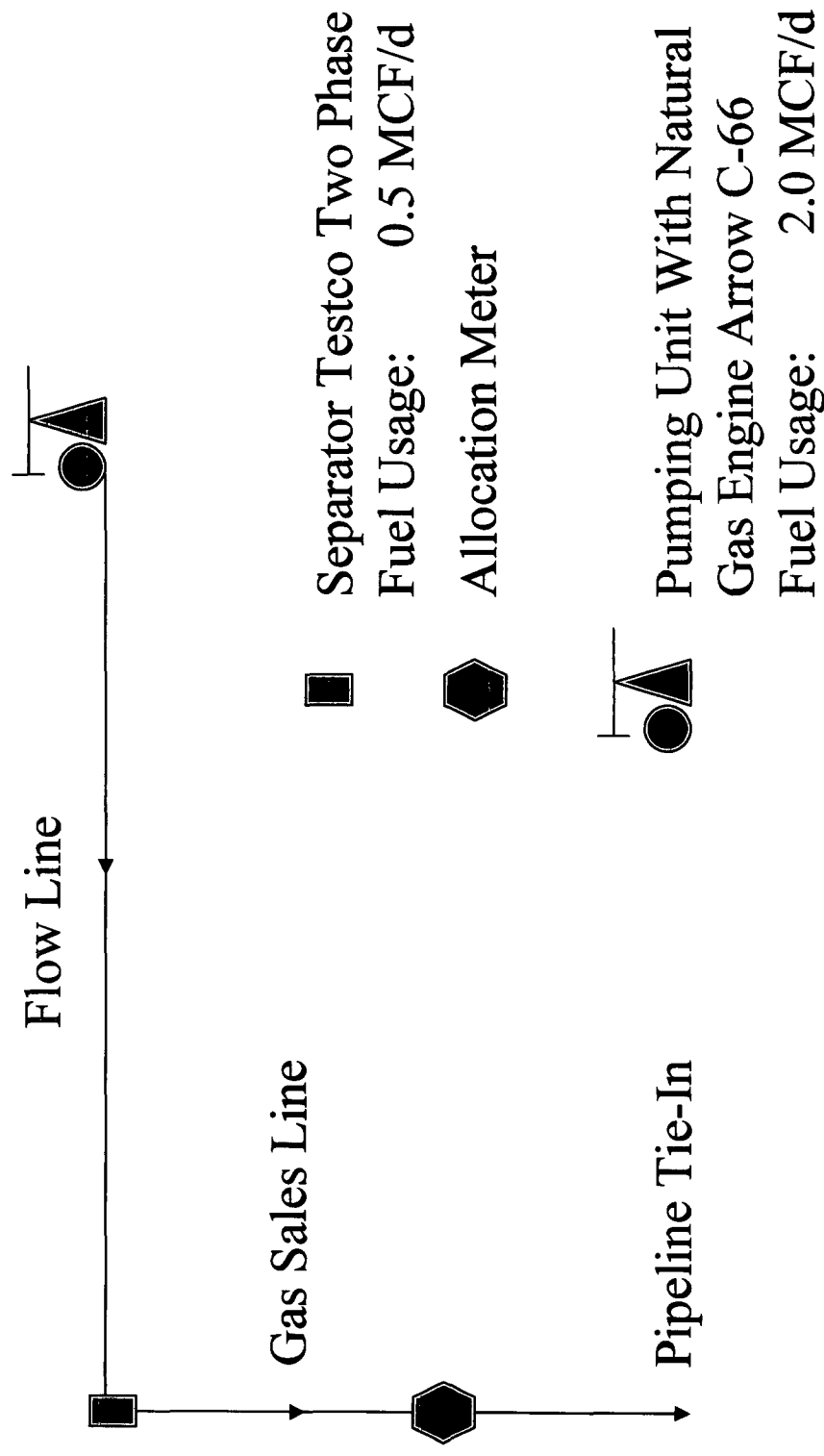
Juniper Com 6 #41 Surface Facility



5/4/2005

Exhibit 5D

Juniper Com 6 #14 Surface Facility



5/4/2005

Exhibit 5E