

12/30/05  
District I  
1625 N. French Drive, Hobbs, NM 88240

District II  
1301 W. Grand Avenue, Artesia, NM 88210

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

PWVS 060203 153

Form C-107A  
Revised June 10, 2003

Oil Conservation Division

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil & Gas Company LP P.O.Box 4289 Farmington, NM 87499  
Operator Address

RICHARDSON 101 Unit H, Sec. 010, 031N, 012W SAN JUAN  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No: 14538 Property Code 7422 API No. 30045272950000 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE UNDES GLADES	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	FRUITLAND SAND		FRUITLAND COAL
Pool Code	77410 ✓		71629
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2225-2425' Estimated		2426-2572' Estimated
Method of Production (Flowing or Artificial Lift)	NEW ZONE		FLOWING
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	N/A – 150% Rule		N/A – 150% Rule
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1000		BTU 1000
Producing, Shut-In or New Zone	NEW ZONE		PRODUCING
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: N/A Rates: see attachment	Date: Rates:	Date: APRIL 2005 Rates: 5 MCFD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Will be supplied upon completion	Oil Gas % %	Oil Gas Will be supplied upon completion

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Cory McKee TITLE Engineer DATE 12/20/2005

TYPE OR PRINT NAME Cory McKee, Engineer TELEPHONE NO. (505) 326-9700

E-MAIL ADDRESS cmckee@br-inc.com

District I

1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
Permit 19698

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number <b>30-045-27295</b>	2. Pool Code <b>77410</b>	3. Pool Name <b>GLADES FRUITLAND SAND (GAS)</b>
4. Property Code <b>7422</b>	5. Property Name <b>RICHARDSON</b>	6. Well No. <b>101</b>
7. OGRID No. <b>14538</b>	8. Operator Name <b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP</b>	9. Elevation <b>6175</b>

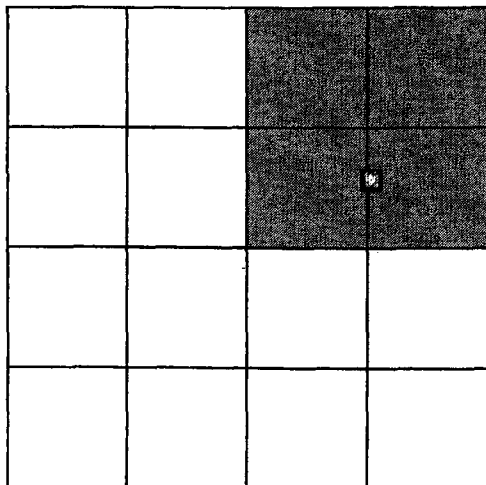
**10. Surface Location**

UL - Lot <b>H</b>	Section <b>10</b>	Township <b>31N</b>	Range <b>12W</b>	Lot Idn	Feet From <b>1870</b>	N/S Line <b>N</b>	Feet From <b>1300</b>	E/W Line <b>E</b>	County <b>SAN JUAN</b>
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres <b>160.00</b>		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**

**OPERATOR CERTIFICATION**

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

E-Signed By: *Philema Thompson*  
Title: *Regulatory Associate II*  
Date: *12/9/05*

**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.*

Surveyed By: **Neale C. Edwards**  
Date of Survey: **1/31/1989**  
Certificate Number: **6857**

to Appropriate  
Office  
Lease - 4 copies  
Lease - 3 copies

# OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

## DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Southland Royalty Company			Lease Richardson (SF-077651)		Well No. 101
Unit Letter H	Section 10	Township 31 North	Range 12 West	County NMM	San Juan
Actual Footage Location of Well: 1870 feet from the North line and 1300 feet from the East line					
Ground level Elev. 6173	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320.0 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No

If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

### OPERATOR CERTIFICATION

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

Signature

Printed Name

Peggy Bradfield

Position

Regulatory Affairs

Company

Southland Royalty Co

Date

4-10-89

### SURVEYOR CERTIFICATION

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

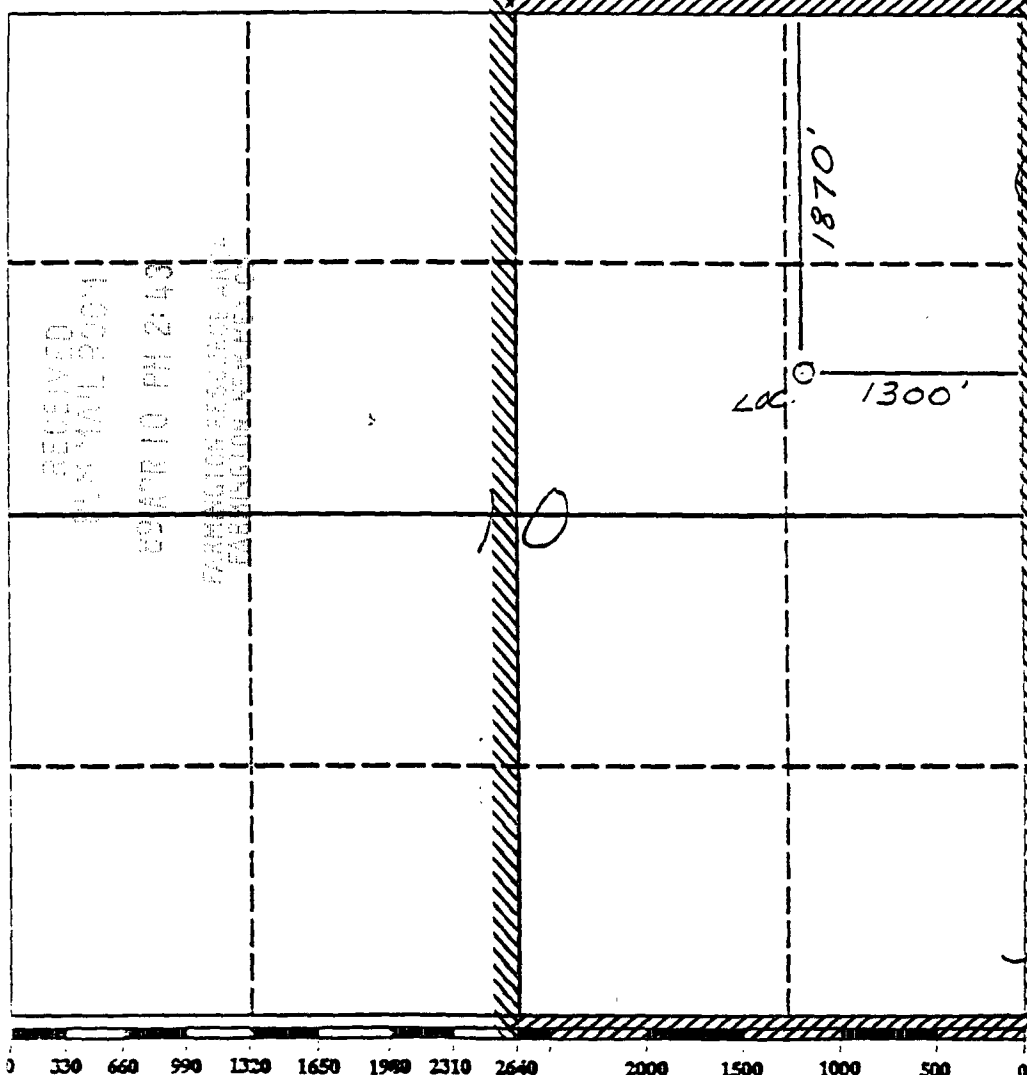
1-31-89

Date Surveyed

Neale C. Edwards

Signature & Seal of  
Professional Surveyor

Certificate No.  
6854



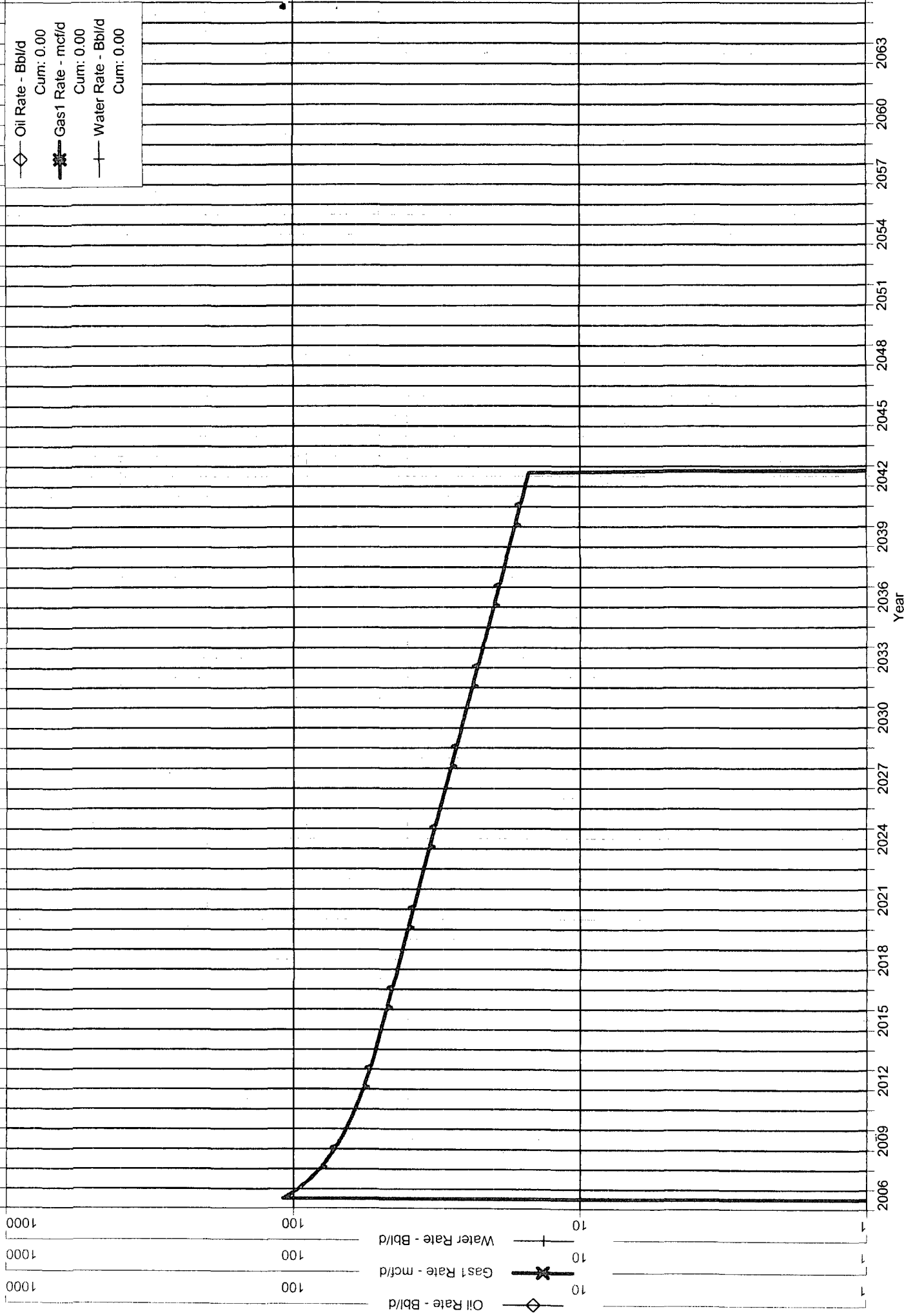
RICHARDSON 101 (FCRS)      Data: Dec.2005-Dec.2005

Operator:  
Field:  
Zone:  
Type:  
Group:

No  
Active  
Forecast

Other  
None

Production Cums  
Oil: 0    MSTB  
Gas: 0    MMSCF  
Water: 0    MSTB  
Cond: 0    MSTB





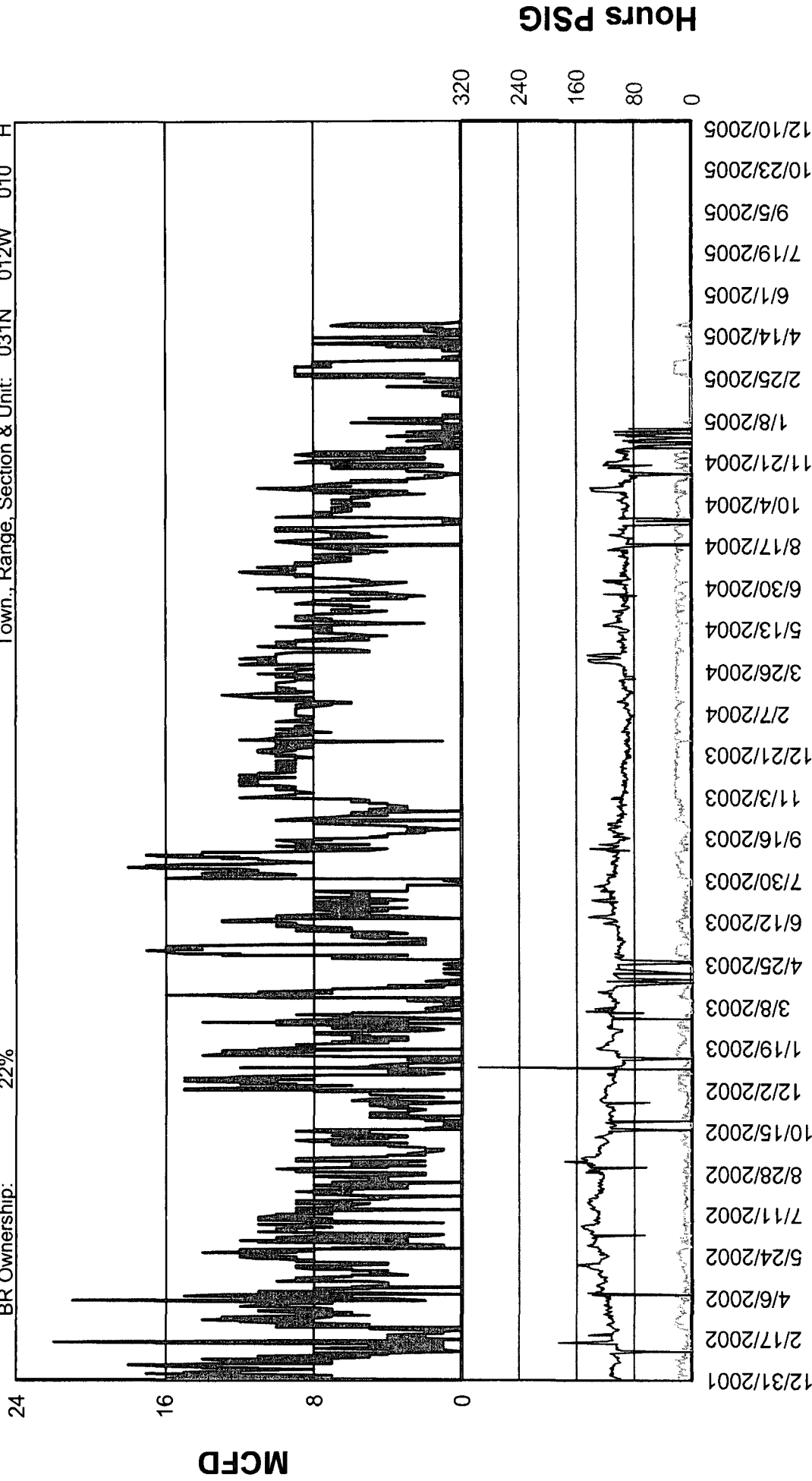
# SJD Daily Production Graph by Asset ID Showing API

Asset IDs matching ( 473001 )

**RICHARDSON 101 ( API: 3004527295 )\***

Production Manager: 4258 - DONNIE SPERRY  
Production Foreman: 42331 - DARREN RANDALL  
Lease Operator: 42344 - BRYON LOVATO  
BR Ownership: 22%

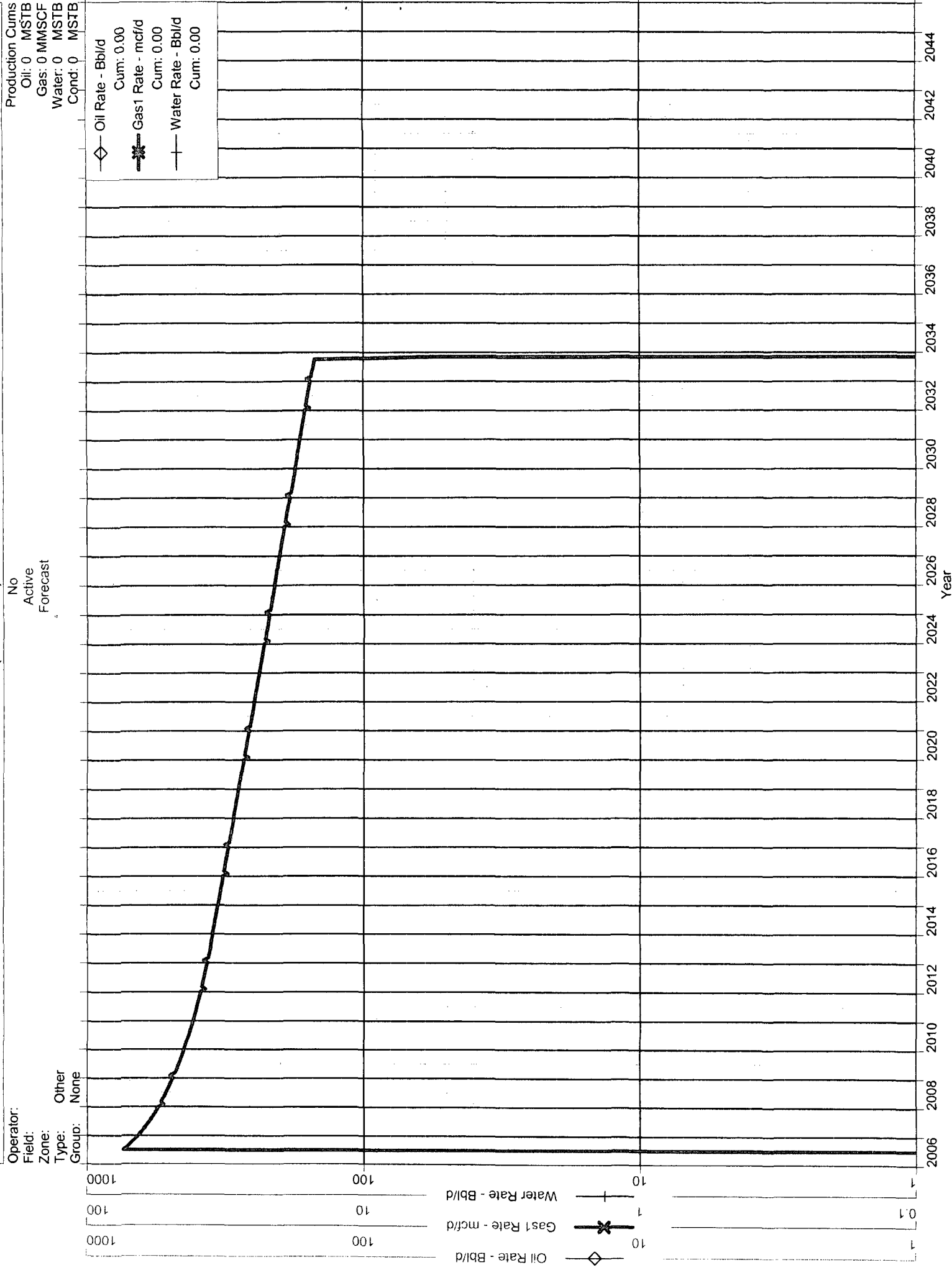
Spud Date: 5/17/1990  
Pipeline, Plant & Trunk: WFS - KUTZ LAPLATA  
Town., Range, Section & Unit: 031N 012W 010 H



MCFD — Avg Hours On — Avg Line Pressure —

\* API Graph includes Total MCFD and Average Hours On and Line Pressure for all completions.

RICHARDSON 101 (FSRCMP) Data: Dec.2005-Dec.2005



Date: 12/20/2005  
Time: 10:50 am

**Burlington Resources Oil & Gas Co.**  
**Asset Ownership Report**

Completion #: 473001

AOS001

Page: 12

Asset #:	473000	Asset Name:	RICHARDSON
Completion #:	473001	Completion Name:	RICHARDSON 101
Stage:	APPROVED	Stage Date:	3/10/2000
Record Type:	WORKING INTEREST	Operator Name:	BURLINGTON RESOURCES O&G CO LP
Well Type:	GAS WELL	Operator Number:	99902104
Formation:	FRUITLAND COAL	Division:	SAN JUAN DIVISION
Field:	BASIN (FRUITLAND COAL)	Area:	SAN JUAN AREA
Status:	PRODUCING	Basin:	SAN JUAN BASIN
Spud Date:	5/17/1990	Team:	SAN JUAN BASIN - TEAM
Status Date:	11/5/2001	Prospect:	BDC #2 (42)
Prod Reason:	PLUNGER LIFT	Property #:	002026200
Prod Method:	FLOWING	Reg Base File	0020262T (SRC)
Compltn Date:	6/16/1990	Corp Base File	20262T-SRC
Landman:	LINDA DEAN	DO Analyst:	THERESSA WRZESINSKI
API Number:	30045272950000	Group Num:	020262
Pro Code:	GAS WELL	Group Type:	FEDERAL
PI Entity:	2300430452729571629	Trunk :	LAPLATA
AFE:	K279	Plant :	WFS - KUTZ
		Pipeline :	WFS

**Well Completion Remarks**

01/01/1998 REGULATORY  
SUNTERRA/GAS COMPANY SALE TO WFS 7/95

**Legal Description**

<b>Surface Location:</b>	<b>State:</b>	NEW MEXICO	<b>County:</b>	SAN JUAN		
<b>Section:</b>	<b>Town:</b>	<b>Range</b>	<b>Block:</b>	<b>Unit:</b>	<b>Footage:</b>	<b>Latitude/Longitude</b>
010	031N	012W		H SE/4 NE/4	1870 FNL 1300 FEL	36.91525/-108.07771

**Bottom Hole Location:**

<b>Section:</b>	<b>Town:</b>	<b>Range</b>	<b>Block:</b>	<b>Unit:</b>	<b>Footage:</b>	<b>Latitude/Longitude</b>
						/

**Depth Remarks:**

**Dedicated Subdivision**

<b>Subdivision:</b>	E2	<b>Dedicated Acres:</b>	320.000000					
<b>State:</b>	<b>County:</b>	<b>Town:</b>	<b>Range:</b>	<b>Section:</b>	<b>Block:</b>	<b>Survey/Area:</b>	<b>Abstract:</b>	<b>Acreage:</b>
NEW MEXICO	SAN JUAN	031N	012W	010				320.000
<b>Call Description:</b> E								

**Legal Description Remarks:**

**Company Ownership Breakdown:**

<b>Owner Name:</b>	<b>Product:</b>	<b>Gross Interest:</b>	<b>Net Interest:</b>	<b>Interest Type:</b>	<b>Payout:</b>	<b>Trust Code:</b>	<b>Current Flag:</b>	<b>Block Post Flag:</b>
BURLINGTON RESO O&G CO-SJBT	ALL	75.000000	65.250000	WI	NONE		Y	
BURLINGTON RESOURCES O&G CO LP	ALL	25.000000	21.750000	WI	NONE	030	Y	

Date: 12/20/2005  
Time: 10:50 am

**Burlington Resources Oil & Gas Co.**  
**Asset Ownership Report**

Completion #: 473001

AOS001

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**Total Company Revenue Interest:**

	Total Net:	Total Gross:	Total Net w/o Trust:	Total Gross w/o Trust:
Gas:	87.000000	100.000000	21.750000	25.000000
Oil:	87.000000	100.000000	21.750000	25.000000

**Company Ownership Remarks:**

01/01/1998 OWNERSHIP

LWM: SRC'S WI SUBJECT TO THE SJBT

**DO/Unit Link:**

Payout:	Product:	DO Number:	Unit PA Number:	Expansion #:	Current Flag:
NONE	ALL	83168700			Y

**DO/Unit Link Remarks:**

**Description of Dedicated Leases:**

Type:	Agreement #:	Legacy File #:	Agreement Name:	Lease Type:	Gross Acres in Well:	Net Acres in Well:	Expiration Date:	Status:
FPD	22992100	020262T	USA SF-077651	LSE	320.00	320.00	03/01/1950	
		E/2						

**Related Agreements:**

Agreement #:	Legacy File #:	Agreement Name:	Lease Type:	Expiration Date:	Status:
24205801		SAN JUAN BASIN ROYALTY TRUST	OPERATING AGREEMENT	11/01/2199	

**Agreement Remarks:**

**Controlling Contract Information:**

Contract Number:	24205801	Preferential Right to Purchase:	N
JOA Effective Date:	11/1/1980	Expenditure Limit:	
Non-Consent Penalty:	N		
Casing Point Election:	N		
Gas Balancing Agreement:	N		
Insurance:	Y		

**Controlling COPAS Information:**

COPAS Effective Date:	11-01-1980	COPAS Model Form:	COPAS 1977
Annual Adjustment:	Y		
Original Overhead:	A. Drilling: 2,000.00 DOLLARS	B: Producing:	190.00 DOLLARS
Current Overhead:	A. Drilling: 5,493.36 DOLLARS	B: Producing:	521.85 DOLLARS
District Expense:			
Employee Benefit Rate:	32.00		
Employee Benefit Rate to be Adjusted:	Y		

**Controlling Contract Remarks:**

**Payout Information :**

0 0 0 0 0 0 0

**Payout Remarks:**



Date: 12/20/2005  
Time: 10:50 am

**Burlington Resources Oil & Gas Co.**  
**Asset Ownership Report**

Completion #: 473001  
AOS001  
Page: 14

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**Unit Information:**

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**Unit Remarks**

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**Outside Cost Bearing Interest Owners:**

Owner Name:	Owner Number:	Interest:	Payout:	Current Flag:	Eff Date:	Block Post Flag:
BURLINGTON RESO O&G CO-SJBT	999001 71	100.000000	NONE	Y	02/23/1999	Y
<b>Total Interest :</b>		100.000000				

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**Outside Cost Bearing Interest Owners Remarks:**

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**Surface Owner/ Use Remarks:**

12/19/2005

BUREAU OF LAND MANAGEMENT, LEE BRICE, GRAZING PERMITTEE  
5021

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**Special Remarks:**

12/19/05: AFE TO RECOMPLETE TO FRUITLAND SAND INCLUDES  
\$21,900 WELLBORE COMPENSATION TO FRUITLAND COAL.  
RELEASED FROM PDT LAND AS A FTS/FTC RECOMPLETION  
COMMINGLE -PGM.

**Cross Reference Information:**

Date: 12/20/2005  
Time: 10:50 am

**Burlington Resources Oil & Gas Co.**  
**Asset Ownership Report**

Completion #: 473002  
AOS001  
Page: 24

Asset #:	473000	Asset Name:	RICHARDSON
Completion #:	473002	Completion Name:	RICHARDSON 101
Stage:	APPROVED	Stage Date:	12/19/2005
Record Type:	PROPOSED	Operator Name:	BURLINGTON RESOURCES O&G CO LP
Well Type:	GAS WELL	Operator Number:	99902104
Formation:	FRUITLAND SAND	Division:	SAN JUAN DIVISION
Field:	GLADES (FRUITLAND)	Area:	SAN JUAN AREA
Status:		Basin:	SAN JUAN BASIN
Spud Date:		Team:	SAN JUAN BASIN - TEAM
Status Date:		Prospect:	BDC #2 (42)
Prod Reason:		Property #:	002026202
Prod Method:		Reg Base File	0020262T (SRC)
Compltn Date:		Corp Base File	
Landman:	FRANK SCHILLING	DO Analyst:	
API Number:		Group Num:	020262
Pro Code:	GAS WELL	Group Type:	FEDERAL
PI Entity:		Trunk :	LAPLATA
AFE:		Plant :	WFS - KUTZ
		Pipeline :	WFS

**Well Completion Remarks**

**Legal Description**

<b>Surface Location:</b>	<b>State:</b>	NEW MEXICO	<b>County:</b>	SAN JUAN		
<b>Section:</b>	<b>Town:</b>	<b>Range</b>	<b>Block:</b>	<b>Unit:</b>	<b>Footage:</b>	<b>Latitude/Longitude</b>
010	031N	012W		H SE/4 NE/4	1870 FNL 1300 FEL	36.91525/-108.07771

**Bottom Hole Location:**

<b>Section:</b>	<b>Town:</b>	<b>Range</b>	<b>Block:</b>	<b>Unit:</b>	<b>Footage:</b>	<b>Latitude/Longitude</b>
						/

**Depth Remarks:**

**Dedicated Subdivision**

<b>Subdivision:</b>	NE4	<b>Dedicated Acres:</b>	160.000000					
<b>State:</b>	<b>County:</b>	<b>Town:</b>	<b>Range:</b>	<b>Section:</b>	<b>Block:</b>	<b>Survey/Area:</b>	<b>Abstract:</b>	<b>Acreage:</b>
NEW MEXICO	SAN JUAN	031N	012W	010				160.000
<b>Call Description:</b> NE								

**Legal Description Remarks:**

**Company Ownership Breakdown:**

<b>Owner Name:</b>	<b>Product:</b>	<b>Gross Interest:</b>	<b>Net Interest:</b>	<b>Interest Type:</b>	<b>Payout:</b>	<b>Trust Code:</b>	<b>Current Flag:</b>	<b>Block Post Flag:</b>
BURLINGTON RESO O&G CO-SJBT	ALL	75.000000	65.250000	WI	NONE		Y	
BURLINGTON RESOURCES O&G CO LP	ALL	25.000000	21.750000	WI	NONE	030	Y	

Date: 12/20/2005  
Time: 10:50 am

**Burlington Resources Oil & Gas Co.**  
**Asset Ownership Report**

Completion #: 473002  
AOS001  
Page: 25

**Total Company Revenue Interest:**

	Total Net:	Total Gross:	Total Net w/o Trust:	Total Gross w/o Trust:
Gas:	87.000000	100.000000	21.750000	25.000000
Oil:	87.000000	100.000000	21.750000	25.000000

**Company Ownership Remarks:**

**DO/Unit Link:**

Payout:	Product:	DO Number:	Unit PA Number:	Expansion #:	Current Flag:
NONE	ALL				Y

**DO/Unit Link Remarks:**

**Description of Dedicated Leases:**

Type:	Agreement #:	Legacy File #:	Agreement Name:	Lease Type:	Gross Acres in Well:	Net Acres in Well:	Expiration Date:	Status:
FPD	22992100	020262T	USA SF-077651	LSE	160.00	160.00	03/01/1950	
		Block NE/4						

**Related Agreements:**

Agreement #:	Legacy File #:	Agreement Name:	Lease Type:	Expiration Date:	Status:
24205801		SAN JUAN BASIN ROYALTY TRUST	OPERATING AGREEMENT	11/01/2199	

**Agreement Remarks:**

**Controlling Contract Information:**

Contract Number:	24205801	Preferential Right to Purchase:	N
JOA Effective Date:	11/1/1980	Expenditure Limit:	
Non-Consent Penalty:	N		
Casing Point Election:	N		
Gas Balancing Agreement:	N		
Insurance:	Y		

**Controlling COPAS Information:**

COPAS Effective Date:	11-01-1980	COPAS Model Form:	COPAS 1977
Annual Adjustment:	Y		
Original Overhead:	A. Drilling: 2,000.00 DOLLARS	B: Producing:	190.00 DOLLARS
Current Overhead:	A. Drilling: 5,493.36 DOLLARS	B: Producing:	521.85 DOLLARS
District Expense:			
Employee Benefit Rate:	32.00		
Employee Benefit Rate to be Adjusted:	Y		

**Controlling Contract Remarks:**

**Payout Information :**

0 0 0 0 0 0 0

**Payout Remarks:**

Date: 12/20/2005  
Time: 10:50 am

**Burlington Resources Oil & Gas Co.**  
**Asset Ownership Report**

Completion #: 473002

AOS001

Page: 26

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**Unit Information:**

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**Unit Remarks**

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**Outside Cost Bearing Interest Owners:**

Owner Name:	Owner Number:	Interest:	Payout:	Current Flag:	Eff Date:	Block Post Flag:
BURLINGTON RESO O&G CO-SJBT	999001 71	100.000000	NONE	Y	02/23/1999	Y
<b>Total Interest :</b>		100.000000				

---

**Outside Cost Bearing Interest Owners Remarks:**

---

**Surface Owner/ Use Remarks:**

12/19/2005

BUREAU OF LAND MANAGEMENT, LEE BRICE, GRAZING PERMITTEE  
5021

---

**Special Remarks:**

FRUITLAND COAL RESTIM, FRUITLAND SAND RECOMPLETE.  
11/17/05: IM LAND RELEASE TO PDT FOR FURTHER  
HANDLING.JEJ. 12/19/05: AFE TO RECOMPLETE TO FRUITLAND  
SAND INCLUDES \$21,900 WELLBORE COMPENSATION TO FRUITLAND  
COAL. RELEASED FROM PDT LAND AS A FTS/FTC RECOMPLETION  
COMMINGLE -PGM.

---

**Cross Reference Information:**