

12/3/05

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

PWTS 0602031742

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**

DHC-3621

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

EAST 103 Unit K, Sec. 014, 031N, 012W SAN JUAN  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No: 14538 Property Code 18517 API No. 30045278500000 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	<del>UNDES. FLO. AVE. ST.</del> GLADES FRUITLAND SAND		FRUITLAND COAL ✓
Pool Code	77410 ✓		71629 ✓
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2310-2510' Estimated		2516-2767' 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: DEC 2005 Rates: 50 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 87410  
 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 19680

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number <i>30-045-27850</i>	2. Pool Code 77410	3. Pool Name GLADES FRUITLAND SAND (GAS)
4. Property Code 18517	5. Property Name EAST	
6. Well No. 103	7. OGRID No. 14538	
8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		9. Elevation 6296

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	14	31N	12W		1340	S	1490	W	SAN JUAN

**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 139.28		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**

	<p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>E-Signed By:                  Title:                  Date:</p>
	<p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: Neale C Edwards                  Date of Survey: 8/8/1989                  Certificate Number: 6857</p>

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

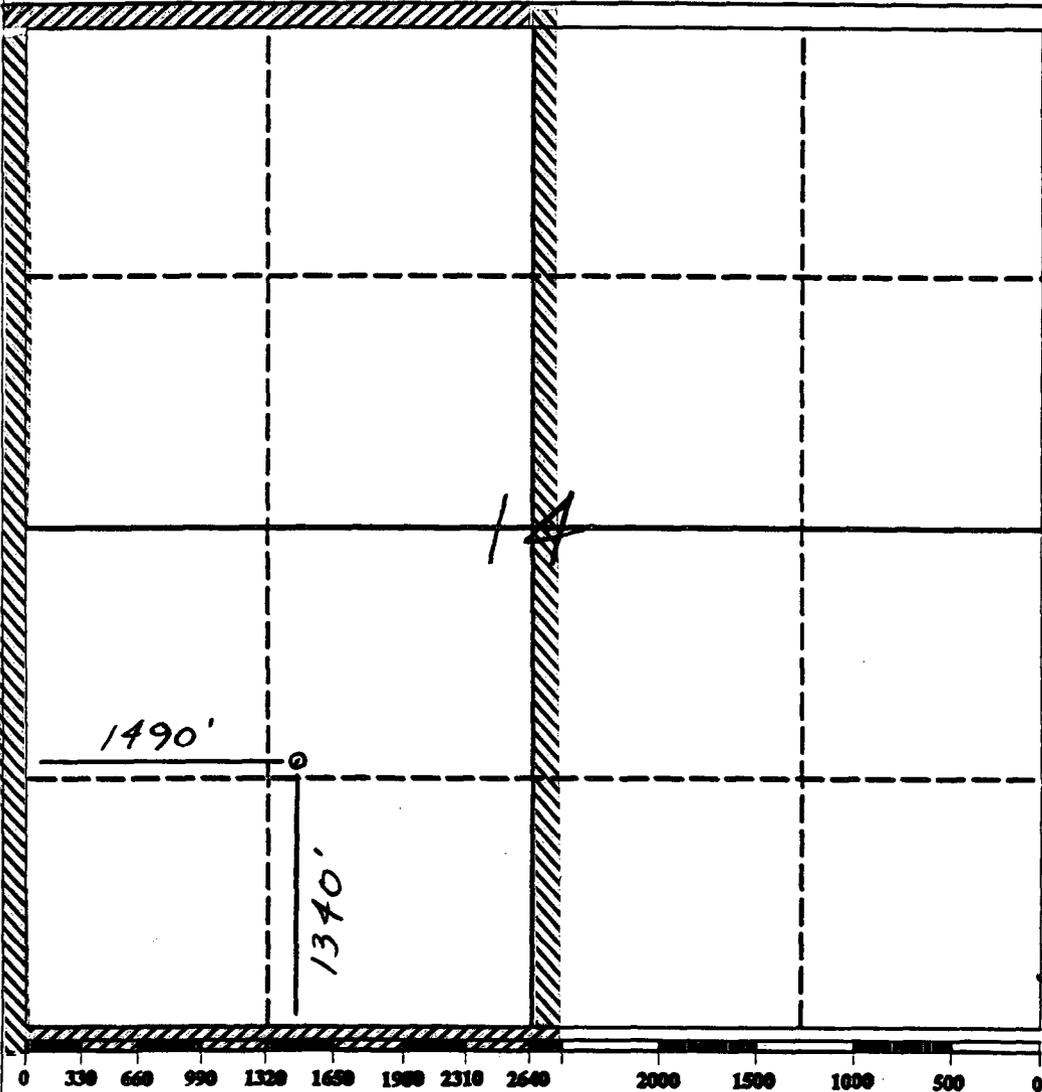
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator <b>Southland Royalty Company</b>		Lease <b>East (SF-077652)</b>		Well No. <b>103</b>	
Unit Letter <b>K</b>	Section <b>14</b>	Township <b>31 North</b>	Range <b>12 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1340</b> feet from the <b>South</b> line and <b>1490</b> feet from the <b>West</b> line					
Ground level Elev. <b>6296'</b>	Producing Formation <b>Fruitland Coal</b>		Pool <b>Basin</b>	Dedicated Acreage: <b>280.06</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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  
**Peggy Bradfield**

Printed Name  
**Regulatory Affairs**

Position  
**Southland Royalty Co**

Company

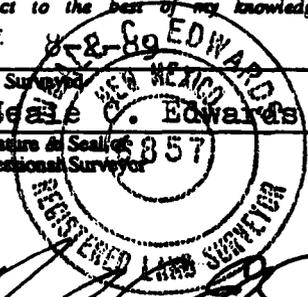
Date

**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 knowledge and belief.

Date Surveyed  
**Nov 8 1989**

Signature & Seal of Professional Surveyor  
**W. E. Edwards**

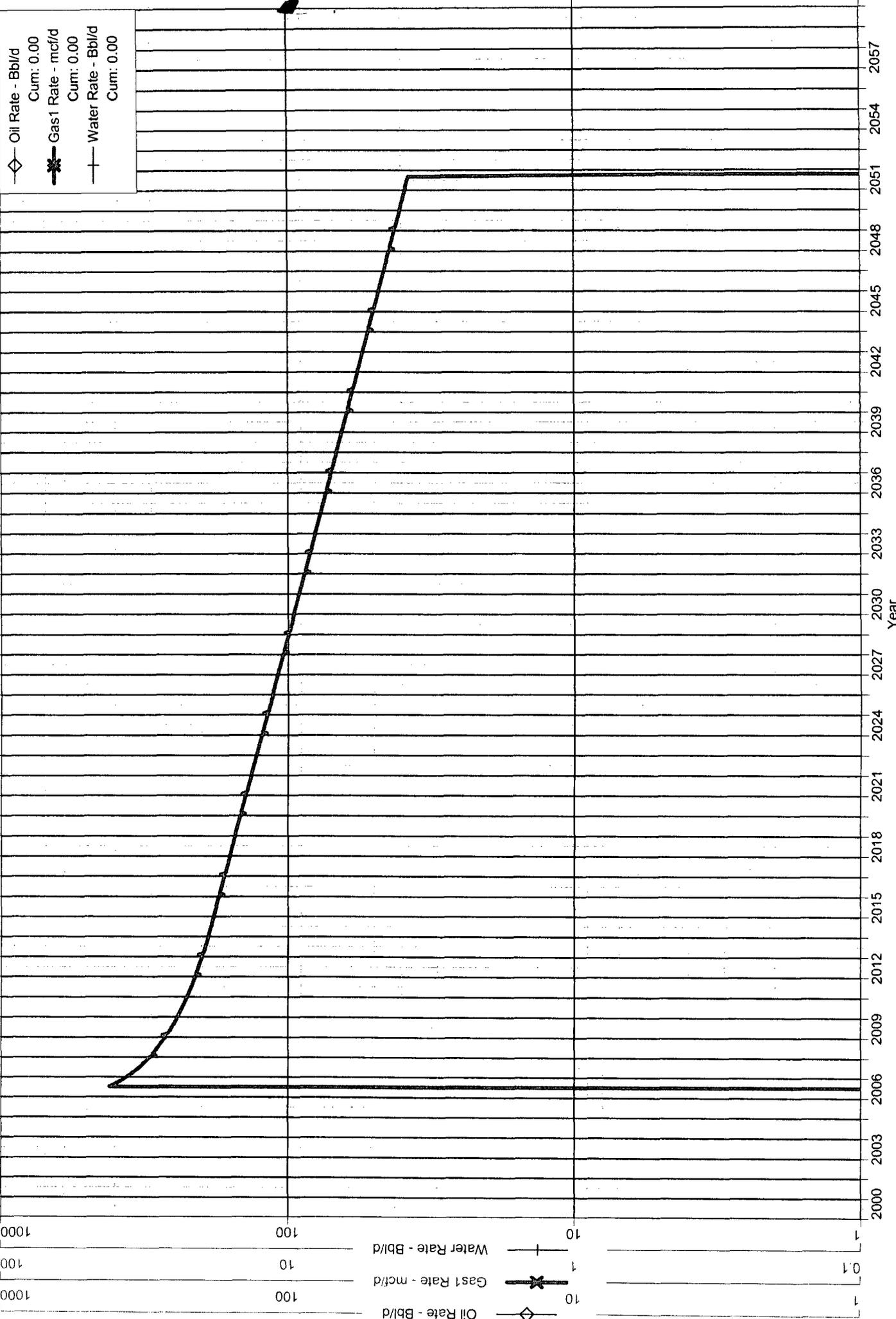


Certificate No.  
**6857**

EAST 103 477901 (301577054352.173) Data: Jul. 1990-Nov. 2005

Operator: BURLINGTON RESOURCES OG CO LP  
Field: BASIN (FRUITLAND COAL)  
Zone:  
Type: Gas  
Group: None

Production Cums  
Oil: 0 MSTB  
Gas: 265.169 MMSCF  
Water: 4.851 MSTB  
Cond: 0 MSTB



Oil Rate - Bbl/d 10 1 1000  
Gas Rate - mcf/d 10 1 1000  
Water Rate - Bbl/d 10 1 1000

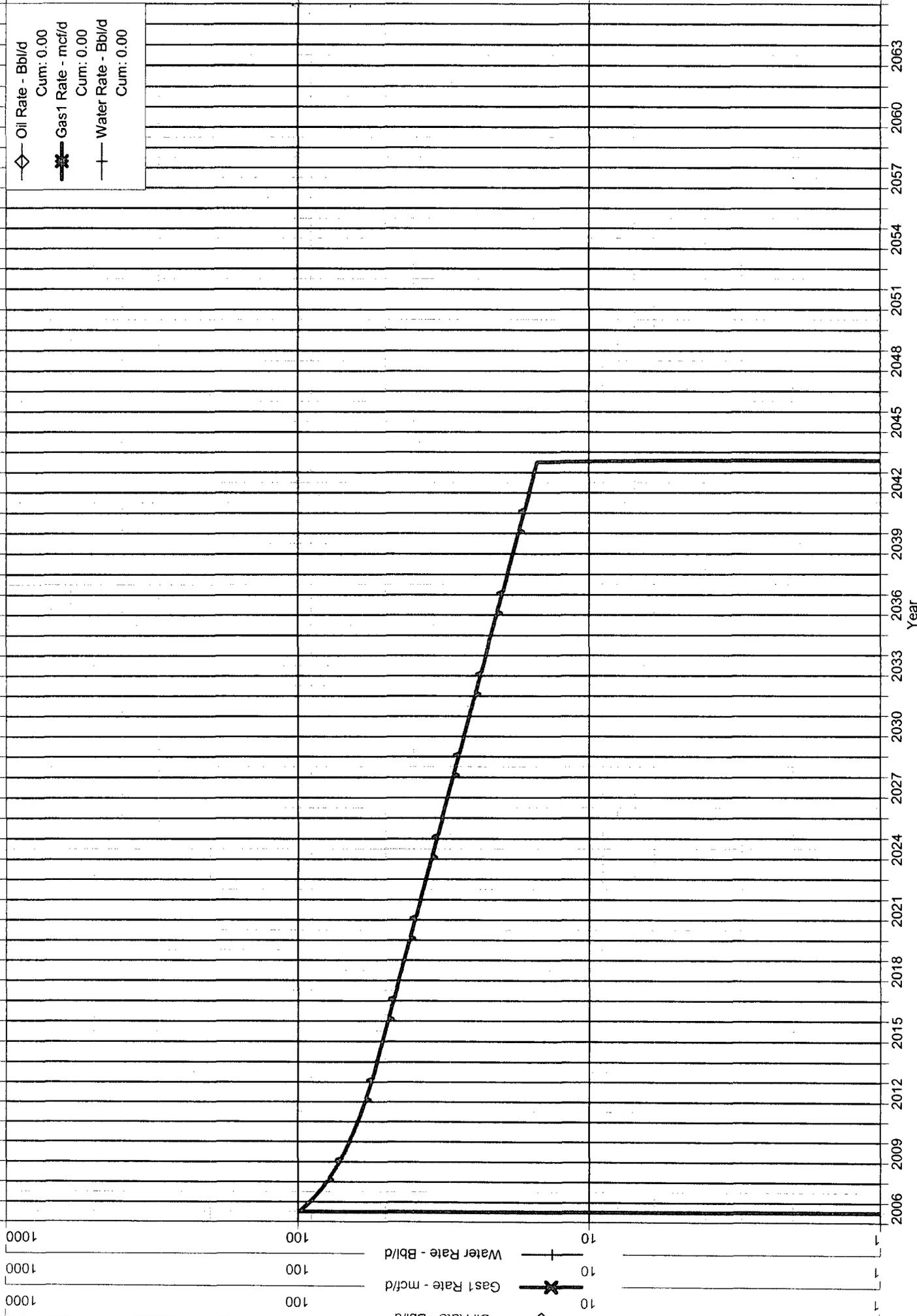
No Active Forecast

EAST 103 (FSRCMP) 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

Oil Rate - Bbl/d  
Cum: 0.00  
Gas1 Rate - mcf/d  
Cum: 0.00  
Water Rate - Bbl/d  
Cum: 0.00



# SJD Daily Production Graph by Asset ID Showing API

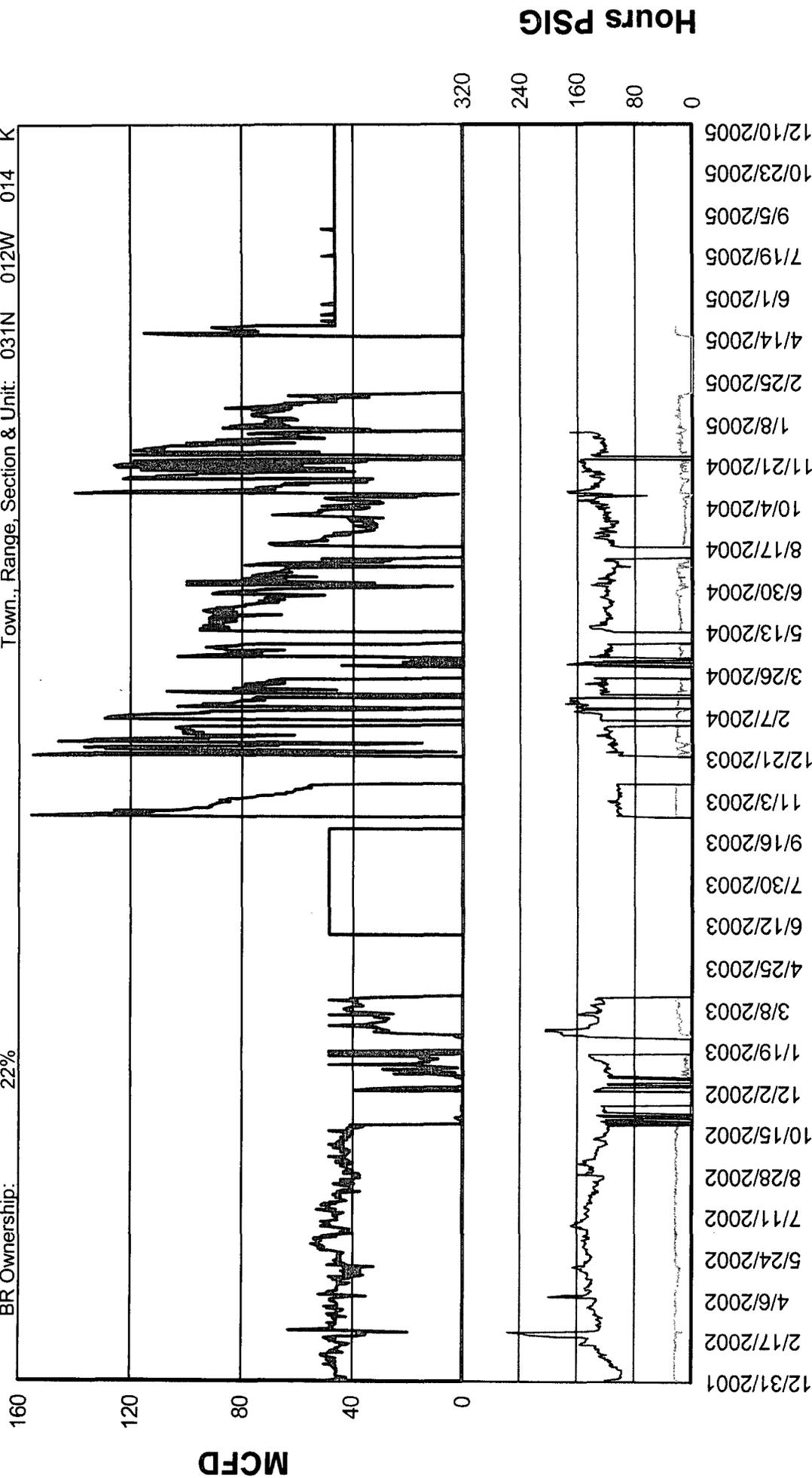
Internal Use Only

Asset IDs matching ( 477901 )

## EAST 103 ( API: 3004527850 )\*

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

Spud Date: 6/9/1990  
 Pipeline, Plant & Trunk: WFS - KUTZ LAPLATA  
 Town., Range, Section & Unit: 031N 012W 014 K



MCFD — Avg Hours On — Avg Line Pressure —

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

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

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

Completion #: 477901  
AOS001  
Page: 18

Asset #:	477900	Asset Name:	EAST
Completion #:	477901	Completion Name:	EAST 103
Stage:	APPROVED	Stage Date:	2/11/2000
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:	6/9/1990	Team:	SAN JUAN BASIN - TEAM
Status Date:	3/31/2001	Prospect:	BDC #2 (42)
Prod Reason:	PLUNGER LIFT	Property #:	002026100
Prod Method:	FLOWING	Reg Base File	020261T
Compltn Date:	6/21/1990	Corp Base File	020261T
Landman:	LINDA DEAN	DO Analyst:	THERESSA WRZESINSKI
API Number:	30045278500000	Group Num:	020261
Pro Code:	GAS WELL	Group Type:	FEDERAL
PI Entity:	2300430452785071629	Trunk :	LAPLATA
AFE:	J029	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>
014	031N	012W		K NE/4 SW/4	1340 FSL 1490 FWL	36.89547/-108.06983

**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>	W2	<b>Dedicated Acres:</b>	280.060000					
<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	014				280.060
<b>Call Description:</b> W								

**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 #: 477901  
AOS001  
Page: 19

**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	83045000			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	22992000	020261T	USA SF-077652	LSE	280.06	280.06	04/01/1950	
		Region: W/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: 24198404      Preferential Right to Purchase: N  
JOA Effective Date: 4/1/1998      Expenditure Limit: 25,000.00 DOLLARS  
Non-Consent Penalty: Y 100/300/300  
Casing Point Election: N  
Gas Balancing Agreement: Y  
Insurance: Y

**Controlling COPAS Information:**

COPAS Effective Date: 11-01-1980      COPAS Model Form: COPAS 1984  
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 0

**Payout Remarks:**

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

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

Completion #: 477901

AOS001

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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	N
<b>Total Interest :</b>		100.000000				

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**Outside Cost Bearing Interest Owners Remarks:**

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**Surface Owner/ Use Remarks:**

12/15/2005

BUREAU OF LAND MANAGEMENT, EUGENE A. HARPER, GRAZING  
PERMITTEE #5019

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**Special Remarks:**

7/03: REL'D TO REPAIR TUBING & INSTALL SURFACE FAC'LS.  
D3P. 12/15/05: AFE TO RECOMPLETE TO FRUITLAND SAND  
INCLUDES \$23,400 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 #: 477902  
AOS001  
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Asset #:	477900	Asset Name:	EAST
Completion #:	477902	Completion Name:	EAST 103
Stage:	APPROVED	Stage Date:	12/15/2005
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 #:	002026110
Prod Method:		Reg Base File	020261T
Compltn Date:		Corp Base File	
Landman:	FRANK SCHILLING	DO Analyst:	
API Number:	3004527850000	Group Num:	020261
Pro Code:	GAS WELL	Group Type:	FEDERAL
PI Entity:		Trunk :	LAPLATA
AFE:		Plant :	WFS - KUTZ
		Pipeline :	WFS

Well Completion Remarks

Legal Description

Surface Location: State: NEW MEXICO County: SAN JUAN  
Section: Town: Range Block: Unit: Footage: Latitude/Longitude  
014 031N 012W K NE/4 SW/4 1340 FSL 1490 FWL 36.89547/-108.06983

Bottom Hole Location:

Section: Town: Range Block: Unit: Footage: Latitude/Longitude  
/

Depth Remarks:

Dedicated Subdivision

Subdivision: SW4 Dedicated Acres: 139.280000  
State: County: Town: Range: Section: Block: Survey/Area: Abstract: Acreage:  
NEW MEXICO SAN JUAN 031N 012W 014 139.280

Lot Description: LOT(S) 8 (NESW), 9 (NWSW), 10 (SWSW), 11 (SESW)  
Lot Acres: 33.61, 32.64, 36.03, 37

Legal Description Remarks:

Company Ownership Breakdown:

Owner Name:	Product:	Gross Interest:	Net Interest:	Interest Type:	Payout:	Trust Code:	Current Flag:	Block Post Flag:
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 #: 477902  
AOS001  
Page: 16

**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	22992000	020261T	USA SF-077652	LSE	139.28	139.28	04/01/1950	
		RETURN SW/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: 24198404      Preferential Right to Purchase: N  
JOA Effective Date: 4/1/1998      Expenditure Limit: 25,000.00 DOLLARS  
Non-Consent Penalty: Y 100/300/300  
Casing Point Election: N  
Gas Balancing Agreement: Y  
Insurance: Y

**Controlling COPAS Information:**

COPAS Effective Date: 11-01-1980      COPAS Model Form: COPAS 1984  
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 #: 477902  
AOS001  
Page: 17

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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	N
<b>Total Interest :</b>		100.000000				

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**Outside Cost Bearing Interest Owners Remarks:**

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**Surface Owner/ Use Remarks:**

12/15/2005  
BUREAU OF LAND MANAGEMENT, EUGENE A. HARPER, GRAZING  
PERMITTEE #5019

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**Special Remarks:**

FRUITLAND COAL RESTIM, FRUITLAND SAND RECOMPLETE.  
11/17/05: IM LAND RELEASE TO PDT FOR FURTHER  
HANDLING.JEJ. 12/15/05: AFE TO RECOMPLETE TO FRUITLAND  
SAND INCLUDES \$23,400 WELLBORE COMPENSATION TO FRUITLAND  
COAL. RELEASED FROM PDT LAND AS A FTS/FTC RECOMPLETION  
COMMINGLE -PGM.

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**Cross Reference Information:**