

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

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

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

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

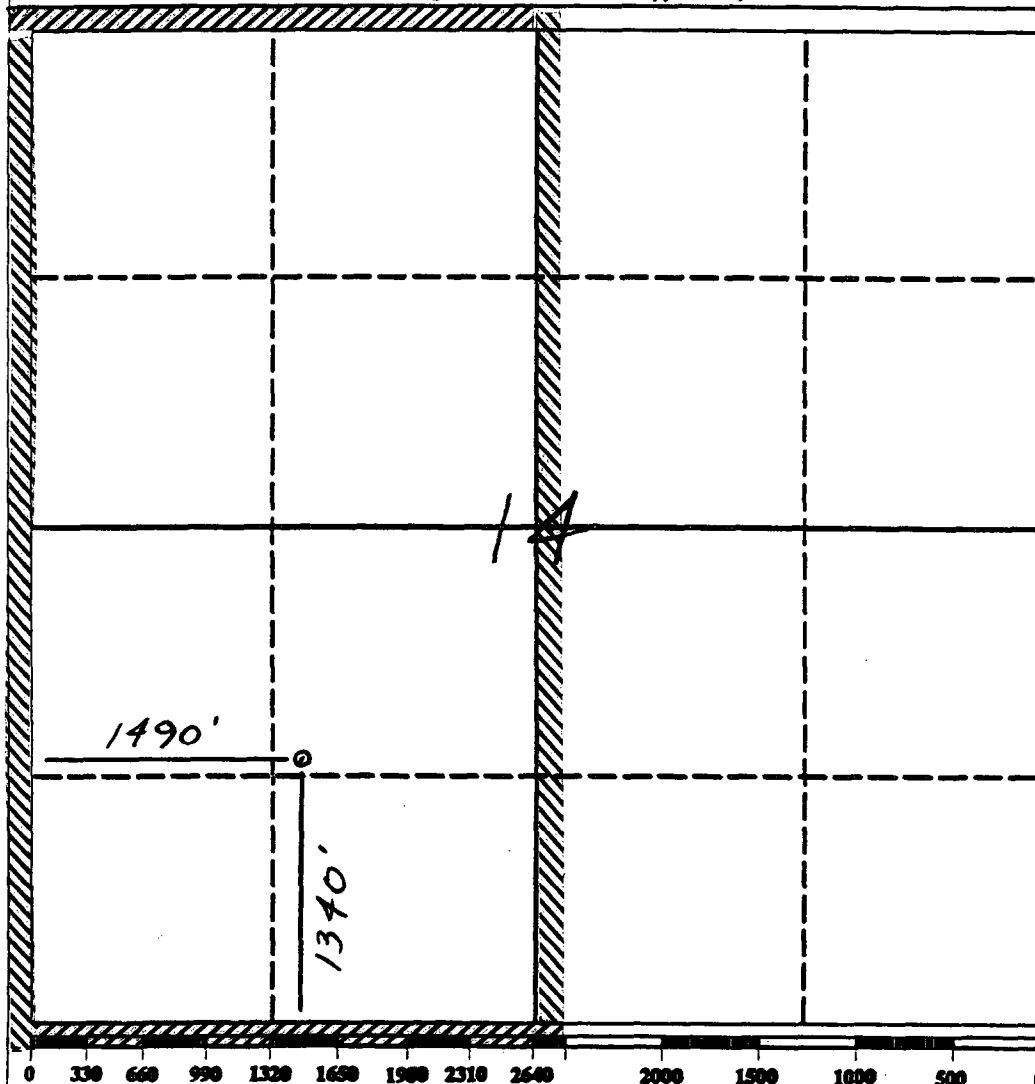
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Southland Royalty Company		Lease East (SF-077652)		Well No. 103	
Unit Letter K	Section 14	Township 31 North	Range 12 West	County NMPM San Juan	
Actual Footage Location of Well: 1340 feet from the South line and 1490 feet from the West line					
Ground level Elev. 6296'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 280.06 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
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
NEAR E. Edwards
Signature & Seal of
Professional Surveyor
6857

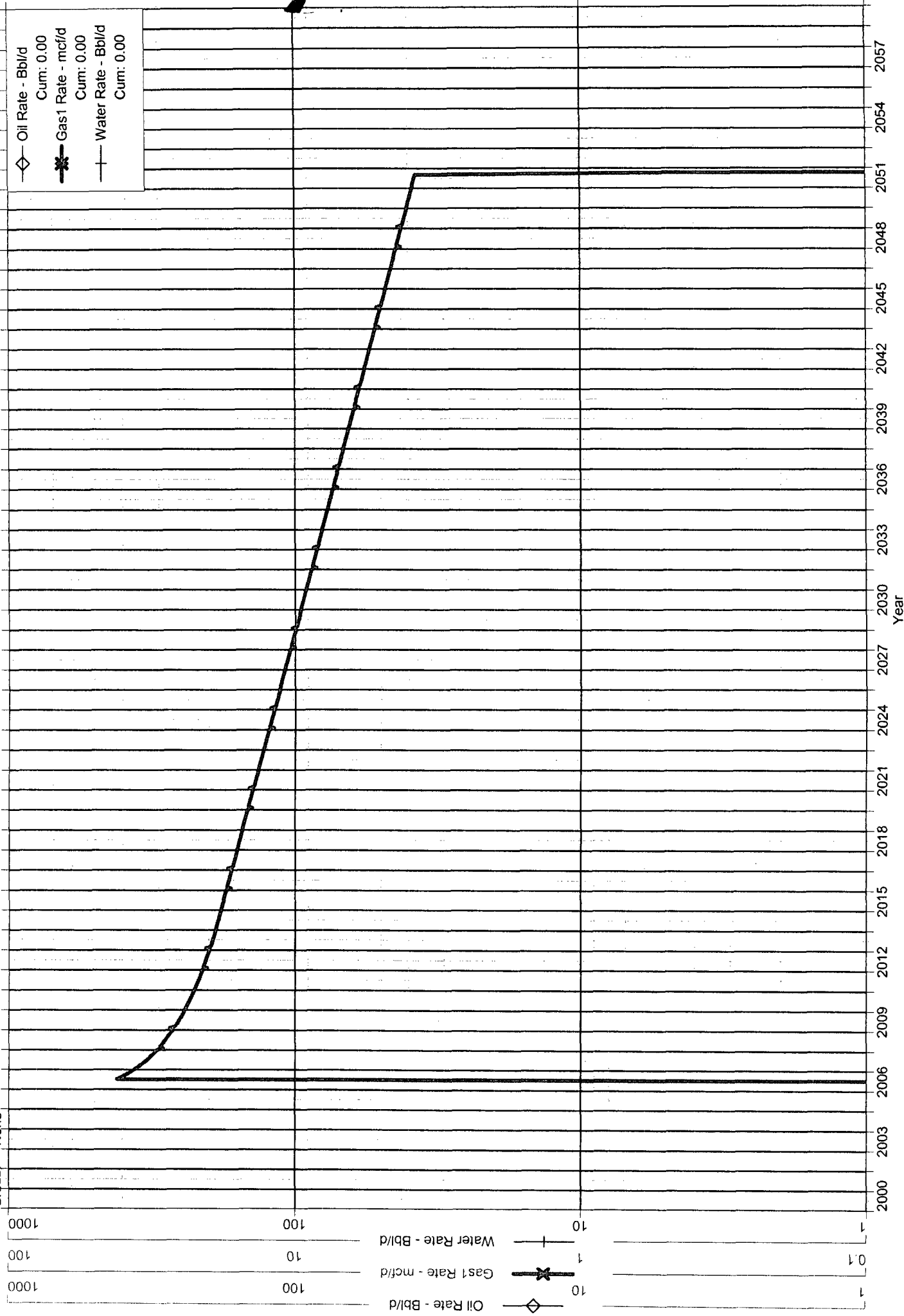
Certificate No.
6857

Operator: BURLINGTON RESOURCES OG CO LP
Field: BASIN (FRUITLAND COAL)

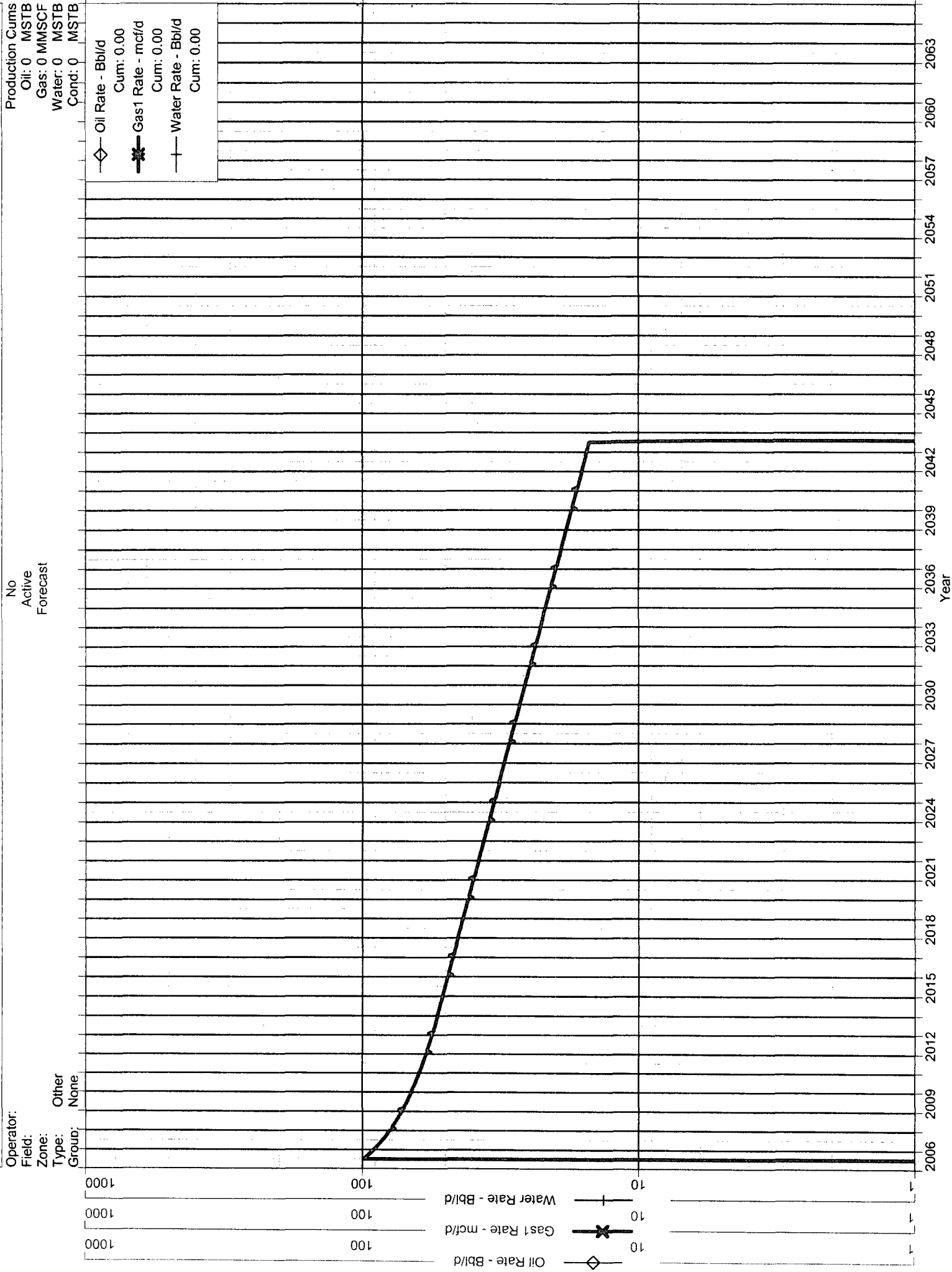
Production Cums
Oil: 0 MSTB
Gas: 265.169 MMSCF
Water: 4.851 MSTB
Cond: 0 MSTB

No
Active
Forecast

Type: Gas
Group: None



EAST 103 (FSRCMP) Data: Dec.2005-Dec.2005





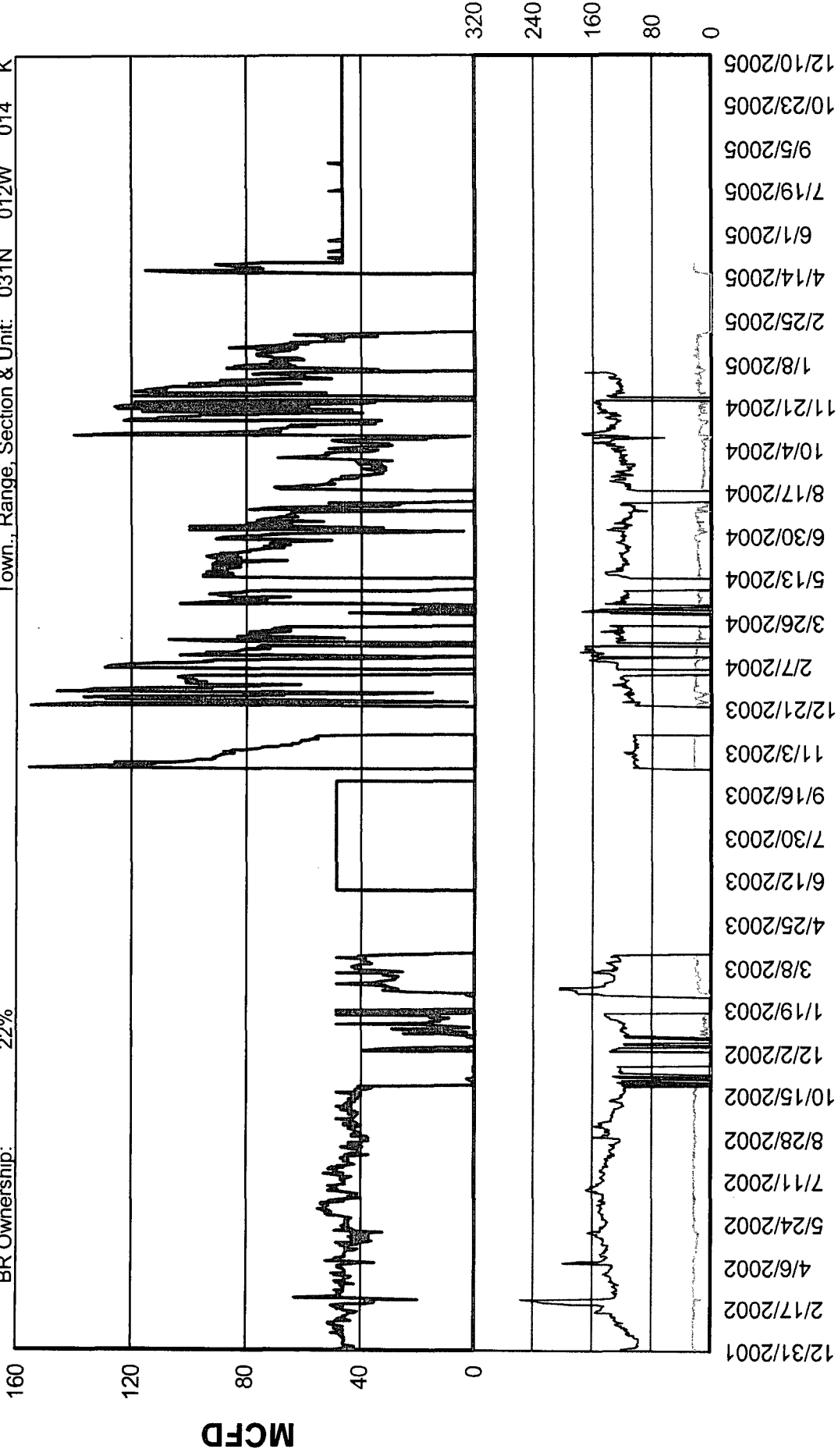
SJD Daily Production Graph by Asset ID Showing API

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

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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

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:	W2	Dedicated Acres:	280.060000					
State:	County:	Town:	Range:	Section:	Block:	Survey/Area:	Abstract:	Acreage:
NEW MEXICO	SAN JUAN	031N	012W	014				280.060
Call Description: W								

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 #: 477901

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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	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	
		Relinquish 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

Payout Remarks:

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

Burlington Resources Oil & Gas Co.
Asset Ownership Report

Completion #: 477901
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Unit Information:

Unit Remarks

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
Total Interest :		100.000000				

Outside Cost Bearing Interest Owners Remarks:

Surface Owner/ Use Remarks:

12/15/2005

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

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
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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:

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
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Unit Information:

Unit Remarks

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
Total Interest :		100.000000				

Outside Cost Bearing Interest Owners Remarks:

Surface Owner/ Use Remarks:

12/15/2005

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

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.

Cross Reference Information: