

DATE IN 2/9/01	SUBMIT 3/1/01	ENGINEER DC	LOGGED IN KV	TYPE DHC	APP NO. 104340542
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



2886

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET 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

[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] INFORMATION / DATA SUBMITTED IS COMPLETE - Certification

I hereby certify that I, or personnel under my supervision, have reviewed the applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common.

I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

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

Peggy Cole

Print or Type Name

Signature

Regulatory Supervisor

Title

Date

pbradfield@br-inc.com
 e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

Single Well

Establish Pre-Approved Pools

EXISTING WELLBORE

X Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

BURLINGTON RESOURCES OIL & GAS COMPANY

PO BOX 4289, FARMINGTON, NM 87499

Operator

Address

AZTEC FEDERAL

1

J-24-30N-11W

SAN JUAN

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 14538

Property Code 6818

API No. 30-045-09319

Lease Type: X Federal

State

Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	OTERO CHACRA	BLANCO MESAVERDE	BASIN DAKOTA
Pool Code	82329	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	WILL BE SUPPLIED UPON COMPLETION	WILL BE SUPPLIED UPON COMPLETION	7033'-7252'
Method of Production (Flowing or Artificial Lift)	FLOWING	FLOWING	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)	475 PSI - CURRENT 1091 PSI - ORIGINAL (see attachment)	596 PSI - CURRENT 1017 PSI - ORIGINAL (see attachment)	934 PSI - CURRENT 2771 PSI - ORIGINAL (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1179	1257	1126
Producing, Shut-In or New Zone	New Zone	SHUT IN	SHUT IN
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: Rates:	Date: Rates:	Date: 11/30/00 Rates: 365 mcf/d
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 % % WILL BE SUPPLIED UPON COMPLETION	Oil Gas % % WILL BE SUPPLIED UPON COMPLETION

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes _____ No X _____
Yes X _____ No _____

Are all produced fluids from all commingled zones compatible with each other?

Yes X _____ No _____

Will commingling decrease the value of production?

Yes _____ No X _____

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 X _____ 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 Sean E. Corrigan

TITLE Production Engineer

DATE 02/5/01

nco

TYPE OR PRINT NAME Sean E. Corrigan

TELEPHONE NO. (505) 326-9700

Section I
PO Box 1988, Hobbs, NM 88241-1988
Section II
PO Drawer DD, Artesia, NM 88211-0719
Section III
1800 N. Brown Rd., Aztec, NM 87410
Section 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 30-045-09319		Pool Code 72319/71599/	Pool Name Blanco Mesaverde/Basin Dakota/WC:30N11W24 Chacra
Property Code 6818	Property Name Aztec Federal		Well Number 1
GRID No. 14538	Operator Name Burlington Resources Oil & Gas Company		Elevation 6170' GR

Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
J	24	30N	11W		1560	South	1850	East	San Juan

Bottom Hole Location If Different From Surface

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

Dedicated Acres CH: SE/157.8 MV/DK: E/320	Joint or Infill 8	Consolidation Code	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

16 Original plat from James P. Leese 8-3-64.	24	1560'	1850'	17 OPERATOR CERTIFICATION	
				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
				Signature <i>Peggy Cole</i> Printed Name Peggy Cole Title Regulatory Supervisor Date 2-5-01	
				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 Signature and Seal of Professional Surveyor: Certificate Number	

Aztec Federal #1
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

Chacra		Mesaverde	
<u>CH-Current</u>		<u>MV-Current</u>	
GAS GRAVITY	0.672	GAS GRAVITY	0.723
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.33	%N2	0.27
%CO2	0.53	%CO2	0.59
%H2S	0	%H2S	0
DIAMETER (IN)	2.375	DIAMETER (IN)	2.375
DEPTH (FT)	3076	DEPTH (FT)	5260
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	441	SURFACE PRESSURE (PSIA)	522
BOTTOMHOLE PRESSURE (PSIA)	475.2	BOTTOMHOLE PRESSURE (PSIA)	595.8
<u>CH-Original</u>		<u>MV-Original</u>	
GAS GRAVITY	0.672	GAS GRAVITY	0.723
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.33	%N2	0.27
%CO2	0.53	%CO2	0.59
%H2S	0	%H2S	0
DIAMETER (IN)	2.375	DIAMETER (IN)	2.375
DEPTH (FT)	3076	DEPTH (FT)	5260
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1005	SURFACE PRESSURE (PSIA)	884
BOTTOMHOLE PRESSURE (PSIA)	1090.8	BOTTOMHOLE PRESSURE (PSIA)	1016.8

Aztec Federal #1
 Bottom Hole Pressures
 Flowing and Static BHP
 Cullender and Smith Method
 Version 1.0 3/13/94

Dakota	
<u>DK-Current</u>	
GAS GRAVITY	0.666
COND. OR MISC. (C/M)	C
%N2	0.34
%CO2	2.2
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	7075
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	780
BOTTOMHOLE PRESSURE (PSIA)	934.1
<u>DK-Original</u>	
GAS GRAVITY	0.666
COND. OR MISC. (C/M)	C
%N2	0.34
%CO2	2.2
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	7075
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	2260
BOTTOMHOLE PRESSURE (PSIA)	2771.4

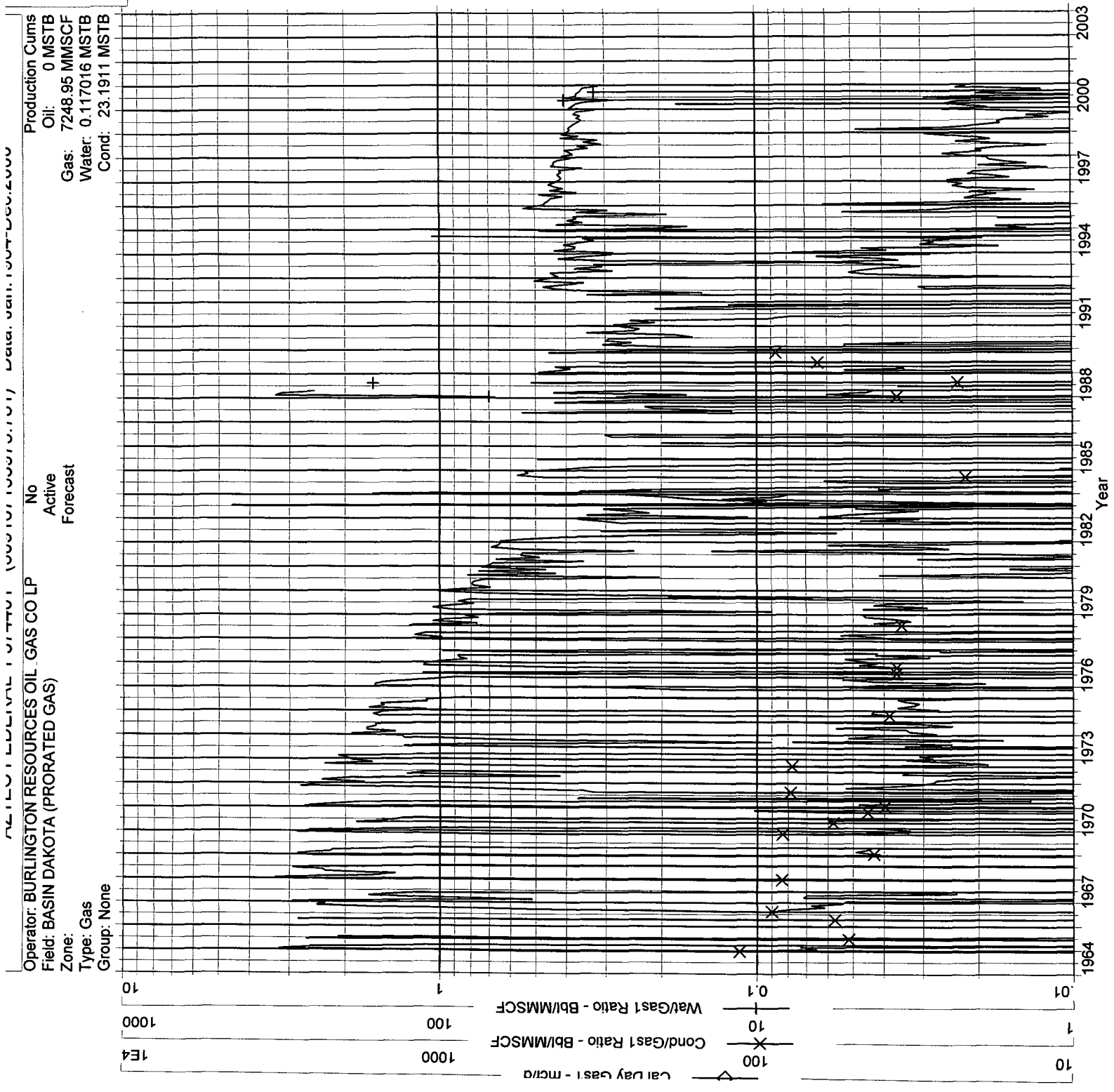
	<u>Well Name</u>	<u>Date</u>	<u>PSI</u>
CH	ALBRIGHT 2J 3215601	1979 9 23	1,005
CH	ALBRIGHT 2J 3215601	1981 9 15	417
CH	ALBRIGHT 2J 3215601	1983 8 24	441




	<u>Well Name</u>	<u>Date</u>	<u>PSI</u>
MV	MURPHY COM 3 262301	1989 2 7	884
MV	MURPHY COM 3 262301	1989 10 31	790
MV	MURPHY COM 3 262301	1991 7 2	604
MV	MURPHY COM 3 262301	1991 12 16	592
MV	MURPHY COM 3 262301	1993 7 29	473
MV	MURPHY COM 3 262301	1993 7 30	522

	<u>Well Name</u>	<u>Date</u>	<u>PSI</u>
DK	AZTEC FEDERAL 1 374401	1964 10 18	2,260
DK	AZTEC FEDERAL 1 374401	1970 7 21	1,363
DK	AZTEC FEDERAL 1 374401	1971 4 9	1,362
DK	AZTEC FEDERAL 1 374401	1972 9 7	1,363
DK	AZTEC FEDERAL 1 374401	1973 5 2	1,233
DK	AZTEC FEDERAL 1 374401	1975 6 9	982
DK	AZTEC FEDERAL 1 374401	1977 6 30	925
DK	AZTEC FEDERAL 1 374401	1979 6 20	833
DK	AZTEC FEDERAL 1 374401	1981 6 8	684
DK	AZTEC FEDERAL 1 374401	1983 6 8	514
DK	AZTEC FEDERAL 1 374401	1985 6 27	395
DK	AZTEC FEDERAL 1 374401	1989 2 15	780

— Cal Day Gas1 - mcr/a
 Cum: 7248.95 MMSCF
 *— Cond/Gas1 Ratio - Bbl/MMSCF
 Cum: 23.1911 MSTB
 — Wat/Gas1 Ratio - Bbl/MMSCF
 Cum: 0.117016 MSTB

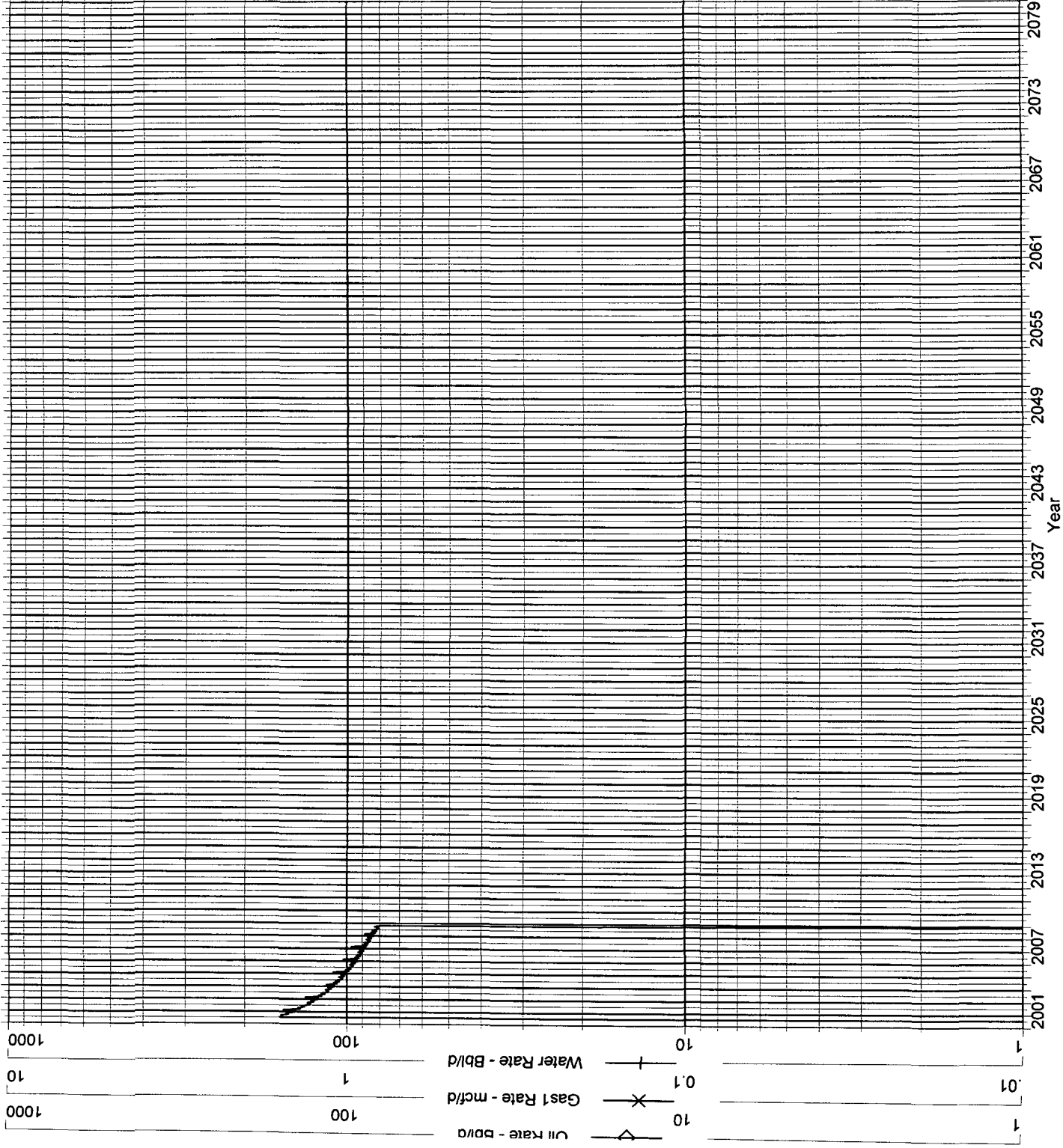
Aztec Federal #1
 Actual Production
 Dakota Formation



 Oil Rate - bbl/d Cum: 0
 Gas1 Rate - mcf/d Cum: 0
 Water Rate - Bbl/d Cum: 0

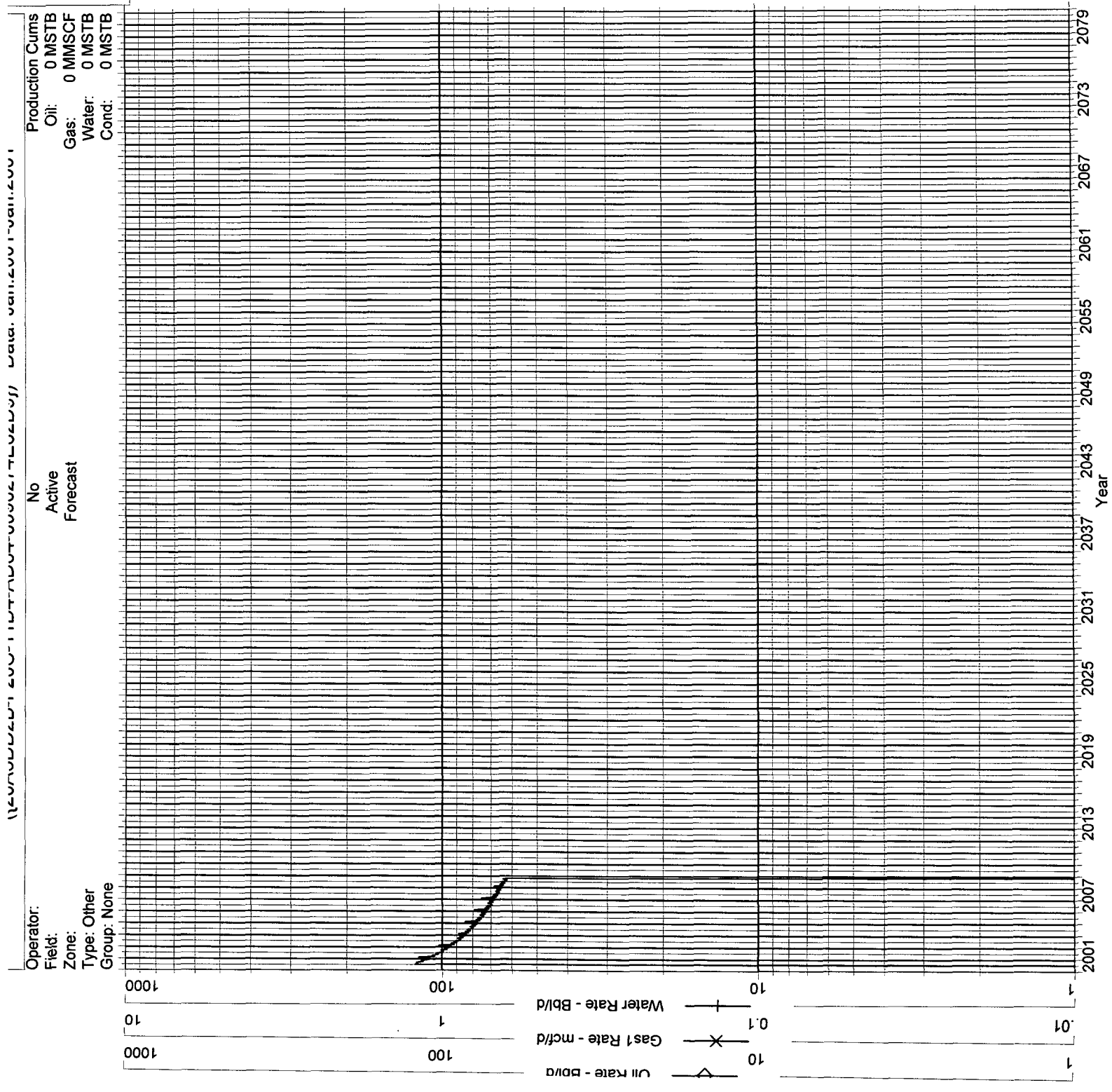
Operator:	No	Production Cums
Field:	Active	Oil: 0 MSTB
Zone:	Forecast	Gas: 0 MMSCF
Type: Other		Water: 0 MSTB
Group: None		Cond: 0 MSTB

Aztec Federal #1
Expected Production
Mesaverde Formation

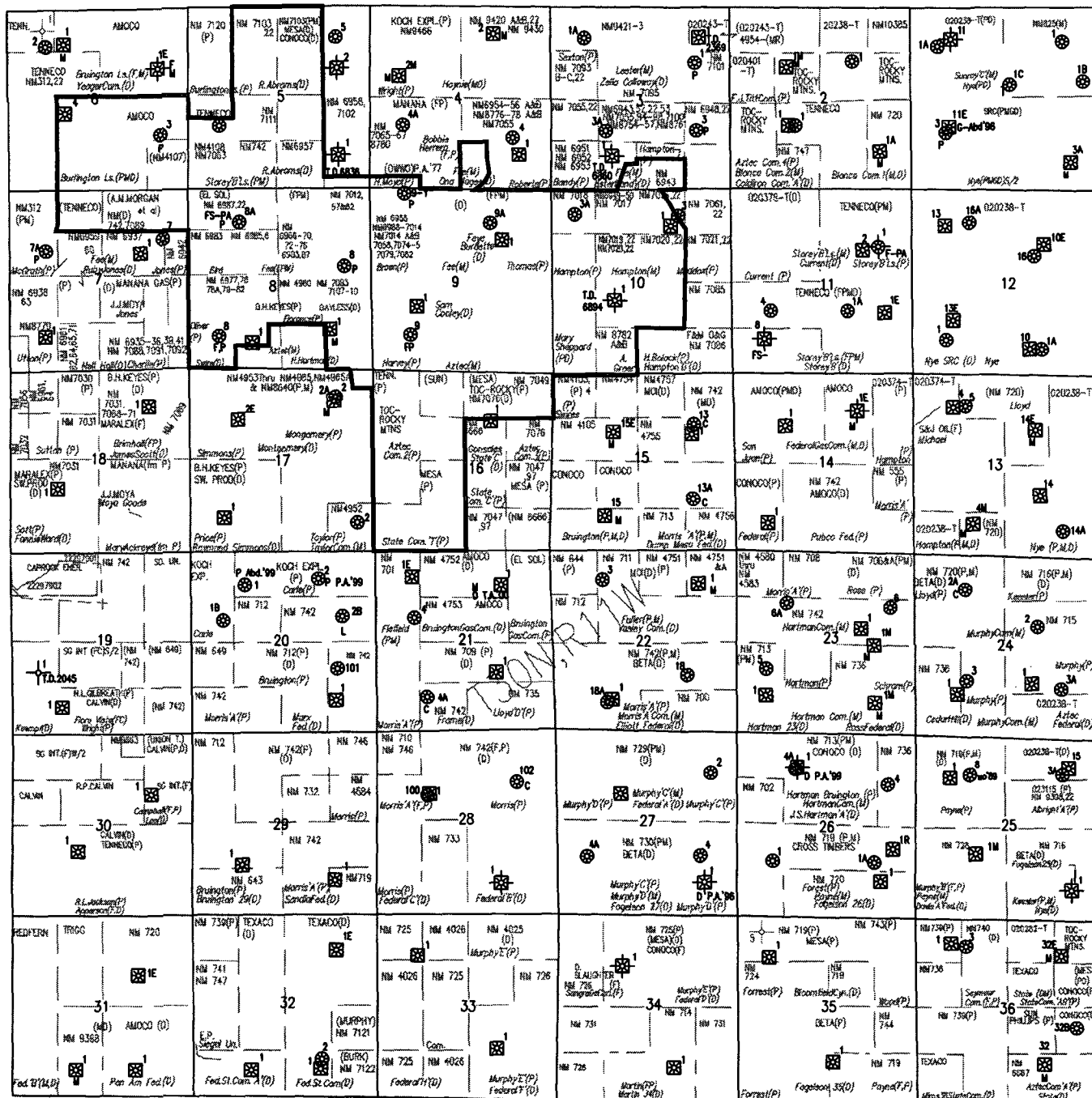


◇ Oil Rate - Bbl/d Cum: 0
 ✱ Gas1 Rate - mcf/d Cum: 0
 + Water Rate - Bbl/d Cum: 0

Aztec Federal #1
 Expected Production
 Chacra Formation



Chacra / Mesaverde / Dakota



Date: 01/24/2001
Time: 9:30 am

Burlington Resources Oil & Gas Co.
Asset Ownership Report

AOS001

Page: 1

Asset #:	374400	Asset Name:	AZTEC FEDERAL
Completion #:	374401	Completion Name:	AZTEC FEDERAL 1
Stage:	CONVERTED-APPROVED	Stage Date:	06/12/1995
Record Type:	WORKING INTEREST	Operator Name:	BURLINGTON RESOURCES OIL & GAS CO LP
Well Type:	GAS WELL	Operator Number:	99902104
Formation:	DAKOTA	Division:	SAN JUAN DIVISION
Field:	BASIN DAKOTA (PRORATED GAS)	Area:	SAN JUAN AREA
Status:	PRODUCING	Basin:	SAN JUAN BASIN
Status Date:	07/15/1999	Team:	SAN JUAN BASIN - TEAM
Prod Reason:	INTERMITTER	Prospect:	SAN JUAN BASIN (MOI)(42)
Prod Method:	FLOWING	Property #:	002325500
Compltn Date:	10/18/1964	Reg Base File	NM 715
Landman:		Corp Base File	0023255T
		DO Analyst:	

Legal Description

Surface Location:	State:	NEW MEXICO	County:	SAN JUAN		
Section:	Town:	Range	Block:	Unit:	Footage:	Latitude/Longitude
024	030N	011W		J NW/4 SE/4	1560 FSL 1850 FEL	36.7/ -107.9

Bottom Hole Location:

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

Subdivision:	E2	Dedicated Acres:	320.000000					
State:	County:	Town:	Range:	Section:	Block:	Survey/Area:	Abstract:	Acreage:
NEW MEXICO	SAN JUAN	030N	011W	024				320.000
Call Description:	E							

Exception Description:**Legal Description Remarks:****Company Ownership Breakdown:**

Owner Name:	Product:	Gross Interest:	Net Interest:	Interest Type:	Payout:	Trust Code:	Current Flag:
BURLINGTON RESO O&G CO-SJBT	ALL	18.750000	16.312500	WI	NONE		Y
BURLINGTON RESOURCES OIL & GAS CO LP ALL		28.125000	21.093750	WI	NONE		Y
BURLINGTON RESOURCES OIL & GAS CO LP ALL		6.250000	5.437500	WI	NONE	030	Y
BURLINGTON RESOURCES OIL & GAS CO LP ALL		0.000000	0.033306	ORI	NONE		Y

Total Company Revenue Interest:

	Total Net:	Total Gross:	Total Net w/o Trust:	Total Gross w/o Trust:
Gas:	42.877056	53.125000	26.564556	34.375000
Oil:	42.877056	53.125000	26.564556	34.375000

Date: 01/24/2001
Time: 9:30 am

Burlington Resources Oil & Gas Co.
Asset Ownership Report

AOS001

Page: 2

Company Ownership Remarks:

01/01/1998

LWM: OUT OF SRC MINERAL/ORRI LEASE FILE NO 3263 THIS IS A
"BETA" WELL. SRC'S WI AND ORRI SUBJECT TO THE SAN JUAN
BASIN TRUST.

DO/Unit Link:

Payout:	Product:	DO Number:	Unit PA Number:	Expansion #:	Current Flag:
NONE	ALL	81689700			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	003263T	003263T	USA SF-078198	LSE			07/01/53	1
FPD	22044700	NM 715 300	USA SF-078171	LSE	157.39	157.39	02/01/53	
		30N, 11W, SEC. 24: LOTS (),						
FPD	22044800	NM 716 300	USA SF-078174-A	LSE	78.84	78.84	02/01/53	
		30N, 11W, SEC. 24: N/2NE/4 SAN JUAN CO., NM						
FPD	22989800	020238T	USA SF-078198	LSE	80.00	80.00	03/01/98	
		30N, 11W, SEC. 24: S.2SE/4, SAN JUAN CO., NM (003263T)						

Related Agreements:

Agreement #:	Legacy File #:	Agreement Name:	Lease Type:	Expiration Date:	Status:
25066400		DALAL FAHD AL-SOURGI	ACQUISITION	01/01/99	
0232551T	0232551T	SW-196	COMMUNITIZATION AGREEMENT	07/16/99	
24741300		355 COMPRESSION AGREEMENT	FACILITIES AGREEMENT	11/15/99	
25363500		EL PASO NATURAL GAS COMPANY	GAS GATHERING AGREEMENT	02/15/99	
60791100	60791100	BETA DEVELOPMENT	OPERATING AGREEMENT	09/11/99	
60800600	60800600	INTERNATIONAL OIL COPR.	OPERATING AGREEMENT	06/11/99	
0233870T	0233870T	U.S. GEOLOGICAL SUR	OTHER	03/17/99	

Controlling Contract Information:

Contract Number: 60800600	Preferential Right to Purchase: Y
JOA Effective Date: 06/11/1959	Expenditure Limit: 5,000.00 DOLLARS
Non-Consent Penalty: Y 100/200/200	

Controlling COPAS Information:

COPAS Effective Date: 06-11-1959	COPAS Model Form: PASOT 1955 2
Annual Adjustment: Y	
Original Overhead: A. Drilling: 300.00	B: Producing: \$75-1ST 5;ET DOLLARS
District Expense:	
Employee Benefit Rate: 20.00	

Date: 01/24/2001
Time: 9:30 am

Burlington Resources Oil & Gas Co.
Asset Ownership Report

AOS001

Page: 3

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	25.000000	NONE	Y	12/15/1998
BURLINGTON RESOURCES OIL & GA	999021	01	28.125000	NONE	Y	12/15/1998
CONOCO INC	031008	41	46.875000	NONE	Y	12/15/1998

Surface Owner/ Use Remarks:

01/01/1998

SURFACE OWNER AND INSTRUCTIONS FOR SURFACE USE:

NONE

Special Remarks:

SPECIAL REMARKS:

SCHEDULED FOR CASING REPAIR IN MID-JULY, 1995. PARTNERS
HAVE BOTH GIVEN THEIR CONCURRENCE TO THE PROPOSED
OPERATION.

**Aztec Federal #1 Well
Mesaverde & Dakota Interest Owners**

ANDREW JEFFREY SILVER TRUST

BUREAU OF LAND MANAGEMENT

CLETUS ODEAN WILLIAMS

CONOCO INC

CROSS TIMBERS OIL COMPANY

EDWARD H FORGOTSON

EVELYN B SILVER

FORGOTSON FAMILY PTSHP

GLADYS M SCHRAM ESTATE

HANSON MCBRIDE PETROLEUM CO

HENRY SAMANIEGO

JAMES M FORGOTSON III

JAMES M FORGOTSON JR

JEAN KESSLER ESTATE

LAURA Z ALBRIGHT TRUSTEE

LEA R DANIEL

LOUIS DREYFUS NATURAL GAS CORP

MARATHON OIL COMPANY

PATRICIA MERLE SILVER TRUST