

DATE IN 1/19/01	SUSPENSE 2/8/01	ENGINEER DC	LOGGED IN PV	TYPE DHC	APP NO. 10225/295
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AMEND

ABOVE THIS LINE FOR DIVISION USE ONLY

2599

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



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

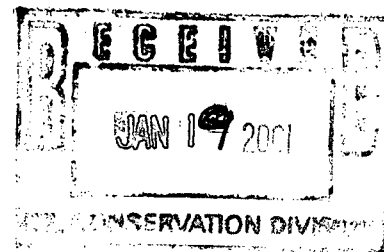
Check One Only for [B] or [C]

[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

1-18-01

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		
LAWSON SRC	2	B-31-32N-11W	SAN JUAN
Lease	Well No.	Unit Letter-Section-Township-Range	County
OGRID No. 14538	Property Code 18569	API No. 30-045-20347	Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BLANCO PICTURED CLIFFS	BLANCO MESAVERDE	BASIN DAKOTA
Pool Code	72359	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3100'-3124'	WILL BE SUPPLIED UPON COMPLETION	7590'-7710'
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)	588 PSI – CURRENT 900 PSI – ORIGINAL (see attachment)	447 PSI – CURRENT 875 PSI – ORIGINAL (see attachment)	873 PSI – CURRENT 2432 PSI – ORIGINAL (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1204	1225	1176
Producing, Shut-In or New Zone	SHUT IN	NEW ZONE	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: 11/30/00 Rates: 53 mcf/d	Date: New Zone Rates: (see attached)	Date: 11/30/00 Rates: 87 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? 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:

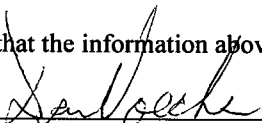
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or 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		TITLE	Production Engineer	DATE	01/18/01
nco					
TYPE OR PRINT NAME	Dan T. Voecks	TELEPHONE NO. (505)	326-9700		

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

1 AFI Number 30-045-20347		2 Pool Code 72359/72319/71599		3 Pool Name Basin Dakota Blanco Pictured Cliffs/Blanco Mesaverde/	
4 Property Code 18569		5 Property Name Lawson SRC			6 Well Number 2
7 OGRID No. 14538		8 Operator Name Burlington Resources Oil & Gas Company			9 Elevation 6466' GR

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
B	31	32N	11W		1120	North	1560	East	SJ

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 PC - 160 MV/DK-E/320	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

16 Original plat from E. V. Echohawk 9-6-68		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Peggy Cole Printed Name Regulatory Supervisor Title 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 Signature and Seal of Professional Surveyer: Certificate Number

Lawson SRC #2
 Bottom Hole Pressures
 Flowing and Static BHP
 Cullender and Smith Method
 Version 1.0 3/13/94

Mesaverde	
<u>MV-Current</u>	
GAS GRAVITY	0.712
COND. OR MISC. (C/M)	C
%N2	0.5
%CO2	1.06
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	5560
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	387
BOTTOMHOLE PRESSURE (PSIA)	446.5
<u>MV-Original</u>	
GAS GRAVITY	0.712
COND. OR MISC. (C/M)	C
%N2	0.5
%CO2	1.06
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	5560
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	751
BOTTOMHOLE PRESSURE (PSIA)	875.2

Lawson SRC #2
 Bottom Hole Pressures
 Flowing and Static BHP
 Cullender and Smith Method
 Version 1.0 3/13/94

Pictured Cliffs		Dakota	
<u>PC-Current</u>		<u>DK-Current</u>	
GAS GRAVITY	0.693	GAS GRAVITY	0.68
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.256	%N2	0.21
%CO2	0.869	%CO2	1.2
%H2S	0	%H2S	0
DIAMETER (IN)	2.875	DIAMETER (IN)	2.375
DEPTH (FT)	3296	DEPTH (FT)	7683
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)	540	SURFACE PRESSURE (PSIA)	725
BOTTOMHOLE PRESSURE (PSIA)	587.5	BOTTOMHOLE PRESSURE (PSIA)	873.1
<u>PC-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	0.693	GAS GRAVITY	0.68
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.256	%N2	0.21
%CO2	0.869	%CO2	1.2
%H2S	0	%H2S	0
DIAMETER (IN)	2.875	DIAMETER (IN)	2.375
DEPTH (FT)	3296	DEPTH (FT)	7683
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)	824	SURFACE PRESSURE (PSIA)	1975
BOTTOMHOLE PRESSURE (PSIA)	900.3	BOTTOMHOLE PRESSURE (PSIA)	2432.3

<u>Well Name</u>	<u>Date</u>	<u>PSI</u>
PC HUBBARD 3 2989801	1966 6 20	824
PC HUBBARD 3 2989801	1969 5 17	632
PC HUBBARD 3 2989801	1974 7 18	614
PC HUBBARD 3 2989801	1976 7 3	560
PC HUBBARD 3 2989801	1978 6 2	445
PC HUBBARD 3 2989801	1980 8 24	579
PC HUBBARD 3 2989801	1982 8 24	587
PC HUBBARD 3 2989801	1984 4 18	593
PC HUBBARD 3 2989801	1986 2 18	580
PC HUBBARD 3 2989801	1989 5 7	528
PC HUBBARD 3 2989801	1991 5 20	553
PC HUBBARD 3 2989801	1991 7 7	565
PC HUBBARD 3 2989801	1993 7 29	540

<u>Well Name</u>	<u>Date</u>	<u>PSI</u>
MV VASALY FEDERAL 1Y 8086801	1972 4 24	751
MV VASALY FEDERAL 1Y 8086801	1972 11 18	641
MV VASALY FEDERAL 1Y 8086801	1973 8 2	500
MV VASALY FEDERAL 1Y 8086801	1974 7 18	486
MV VASALY FEDERAL 1Y 8086801	1976 7 3	449
MV VASALY FEDERAL 1Y 8086801	1978 6 2	442
MV VASALY FEDERAL 1Y 8086801	1980 9 16	488
MV VASALY FEDERAL 1Y 8086801	1982 9 7	473
MV VASALY FEDERAL 1Y 8086801	1984 8 22	466
MV VASALY FEDERAL 1Y 8086801	1986 5 20	455
MV VASALY FEDERAL 1Y 8086801	1989 11 28	432
MV VASALY FEDERAL 1Y 8086801	1991 5 14	413
MV VASALY FEDERAL 1Y 8086801	1991 5 28	425
MV VASALY FEDERAL 1Y 8086801	1993 6 29	467
MV VASALY FEDERAL 1A 8087101	1991 6 25	417
MV VASALY FEDERAL 1A 8087101	1993 6 29	387

<u>Well Name</u>	<u>Date</u>	<u>PSI</u>
DK LAWSON SRC 2 4217901	1968 10 31	1,975
DK LAWSON SRC 2 4217901	1970 3 11	940
DK LAWSON SRC 2 4217901	1971 6 2	830
DK LAWSON SRC 2 4217901	1972 6 28	725
DK LAWSON SRC 2 4217901	1973 5 31	727
DK LAWSON SRC 2 4217901	1975 4 2	604
DK LAWSON SRC 2 4217901	1977 5 25	565
DK LAWSON SRC 2 4217901	1979 8 27	654
DK LAWSON SRC 2 4217901	1981 5 12	688
DK LAWSON SRC 2 4217901	1983 11 4	786
DK LAWSON SRC 2 4217901	1985 9 4	714
DK LAWSON SRC 2 4217901	1988 10 5	700
DK LAWSON SRC 2 4217901	1990 4 9	701
DK LAWSON SRC 2 4217901	1994 4 5	725

Lawson SRC #2 (40210771000.000) Data: 0001000-000.000

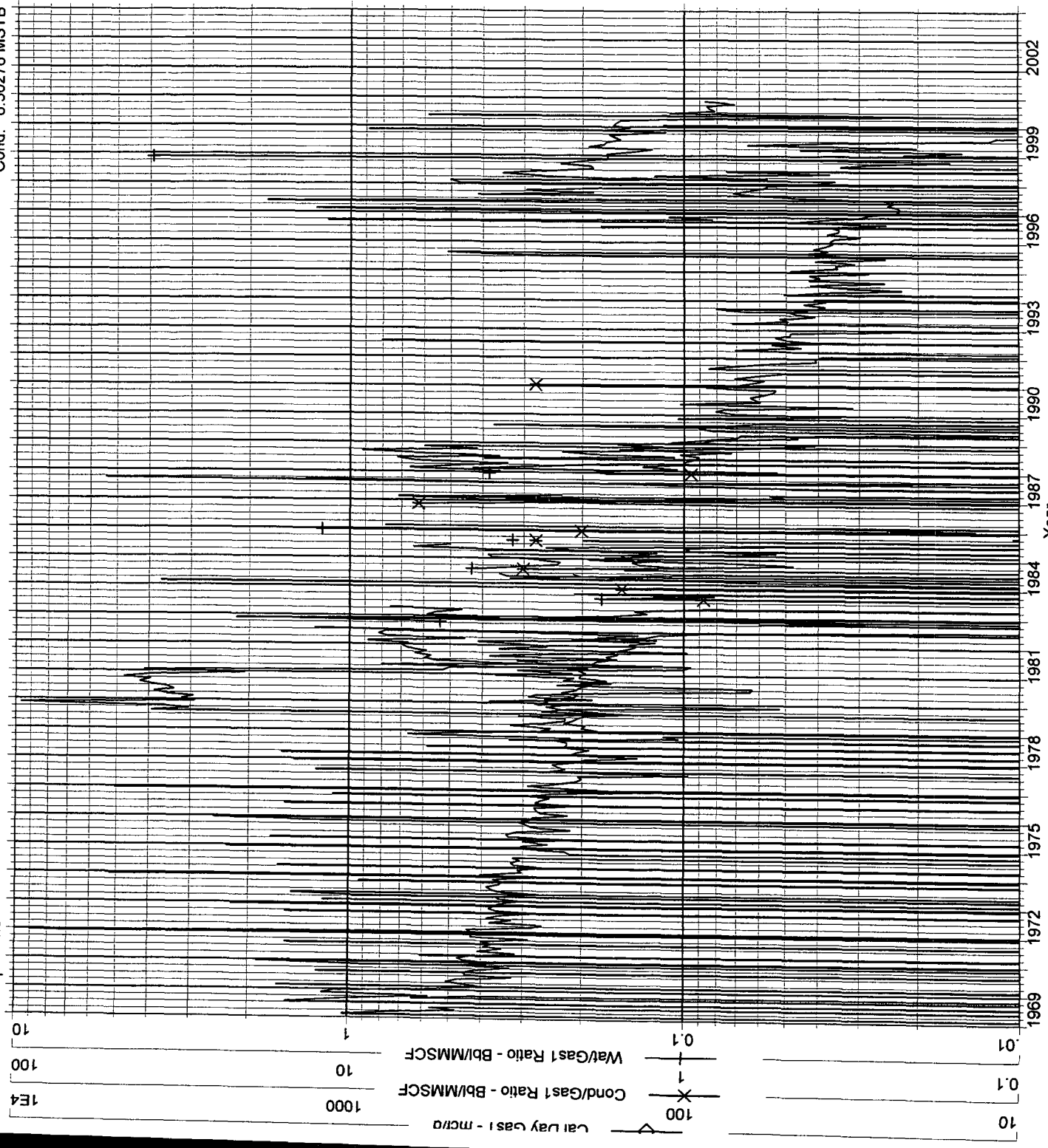
Operator: BURLINGTON RESOURCES OIL GAS CO LP
Field: BASIN DAKOTA (PRORATED GAS)
Zone:
Type: Gas
Group: None

No
Active
Forecast

Production Cums
Oil: 0 MSTB
Gas: 2069.07 MMSCF
Water: 0.557448 MSTB
Cond: 6.50276 MSTB

Cal Day Gas 1 - mcr/d
Cum: 2069.07 MMSCF
Cond/Gas 1 Ratio - Bbl/MMSCF
Cum: 6.50276 MSTB
Wat/Gas 1 Ratio - Bbl/MMSCF
Cum: 0.557448 MSTB

Lawson SRC #2
Actual Production
Dakota Formation



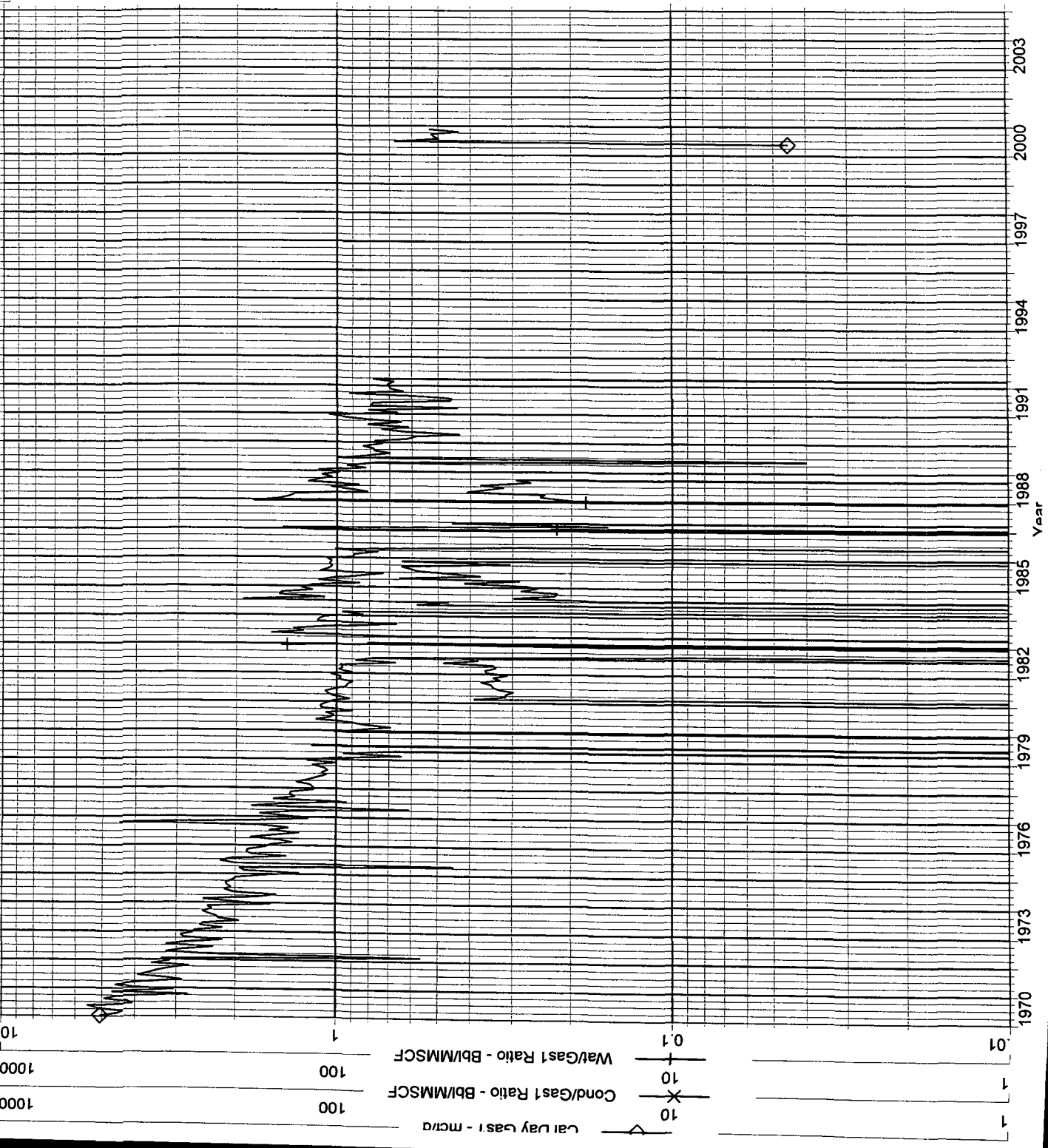
DATE: 10/10/2004

Operator: BURLINGTON RESOURCES OIL & GAS CO LP
Field: BLANCO PICTURED CLIFFS (GAS)
Zone: No Active Forecast
Type: Gas
Group: None

Production Cums
Oil: 0 MSTB
Gas: 1134.2 MMSCF
Water: 0.053 MSTB
Cond: 0 MSTB

Cal Day Gas1 - mcr/d

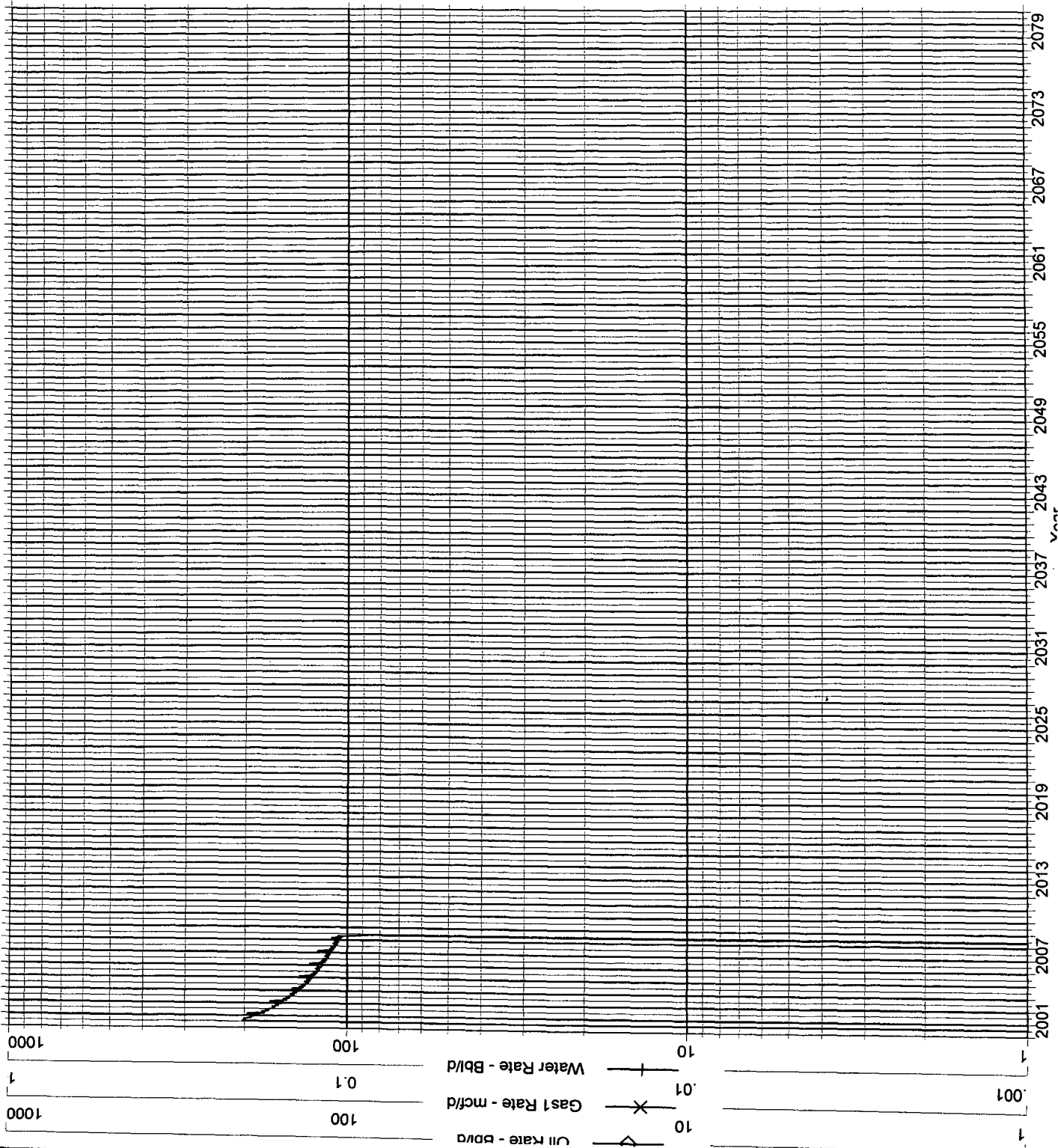
Cum: 1134.2 MMSCF
Cond/Gas1 Ratio - Bbl/MMSCF
Cum: 0 MSTB
Wat/Gas1 Ratio - Bbl/MMSCF
Cum: 0.053 MSTB



Lawson SRC #2
Actual Production
Pictured Cliffs Formation

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

Lawson SRC #2
Expected Production
Mesaverde Formation



Lawson SRC #2

Pictured Cliffs / Mesaverde / Dakota

32N - 11W - 31

