

DATE IN 1-7-05	SUSPENSE 1/27/05	ENGINEER Jones	LOGGED IN 1-7-05	TYPE DHC	APP NO. 3391	RECEIVED 0500750248
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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



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST 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

- [D] Other: Specify _____

[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] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

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

Tammy Jones
 Print or Type Name

Tammy Jones
 Signature

Regulatory Specialist
 Title

1/6/2005
 Date

tjones3@br-inc.com
 e-mail Address

2005 JAN 7 AM 10 12

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

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-3391

Burlington Resources Oil & Gas Company LP
Operator

P.O.Box 4289 Farmington, NM 87499
Address

FEDERAL A
Lease

1M
Well No.

Unit G, Sec. 27, T30N, R11W
Unit Letter-Section-Township-Range

San Juan
County

OGRID No: 14538 Property Code 7005 API No. 30-045-30910 Lease Type: ☒ Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	WINDY OTERO (CHACRA)	BLANCO MESAVERDE	BASIN DAKOTA
Pool Code	96884 82329	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	WILL BE SUPPLIED UPON COMPLETION	WILL BE SUPPLIED UPON COMPLETION	WILL BE SUPPLIED UPON COMPLETION
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)	Original - 857.3 psi From Ross Federal 1R offset (see attachment)	Original - 884 psi From Ross Federal 1R offset (see attachment)	Original - 936.1 psi From Ross Federal 1R offset (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1194 From Ross Federal 1R offset	BTU 1194 From Ross Federal 1R offset	BTU 1194 From Ross Federal 1R offset
Producing, Shut-In or New Zone	NEW ZONE	NEW ZONE	NEW ZONE
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:	Date: N/A Rates:	Date: N/A Rates:
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 ☒
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 1/5/05

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

E-MAIL ADDRESS cmckee2@br-inc.com

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pochee, Santa Fe, NM 87505

OIL CONSERVATION DIVISION

**2040 South Pacheco
Santa Fe, NM 87505**

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-30910	² Pool Code 82319/72319/71599	³ Pool Name Otero Chacra/Blanco Mesaverde/Basin Dakota
⁴ Property Code 7005	⁵ Property Name Federal A	⁶ Well Number 1M
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS INC.	⁹ Elevation 5961

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
G	27	30-N	11-W		1555	NORTH	1845	EAST	SAN JUAN

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
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¹² Dedicated Acres Cha-NE/158.62 MV/DK-N/317.76	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

FD 3 1/4"
BLM 1989
BRASS CAP

N 88°02'11" W
2589.11'(M)

FD 3 1/4"
BLM 1989
BRASS CAP

LOT 4

LOT 3

LOT 2

LOT 1

NMNM-02491

LAT: 36°47.2' N.
LONG: 107°58.5' W.

223'

744'

550'

1845'

NMNM-02491

1555'

1108'

LOT 5

LOT 6

LOT 7

LOT 8

27

LOT 12

LOT 11

LOT 10

LOT 9

FD 3 1/4"
BLM 1989
BRASS CAP

LOT 13

LOT 14

LOT 15

LOT 16

S 00°23'35" E
2663.57'(M)

17 OPERATOR CERTIFICATION

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

Tammy Jones
Signature

Tammy Jones

Printed Name
Regulatory Specialist

Title _____

Date 11-9-04

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.

1-75 NEW MEXICO

Date of Survey: 0804
Signature and Seal of Professional Surveyor: 0804

VERIFIED BY SURV

PROFESSIONAL

8894
Certificate Number

Federal A #1M (Ross Federal 1R offset)
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 1/14/98

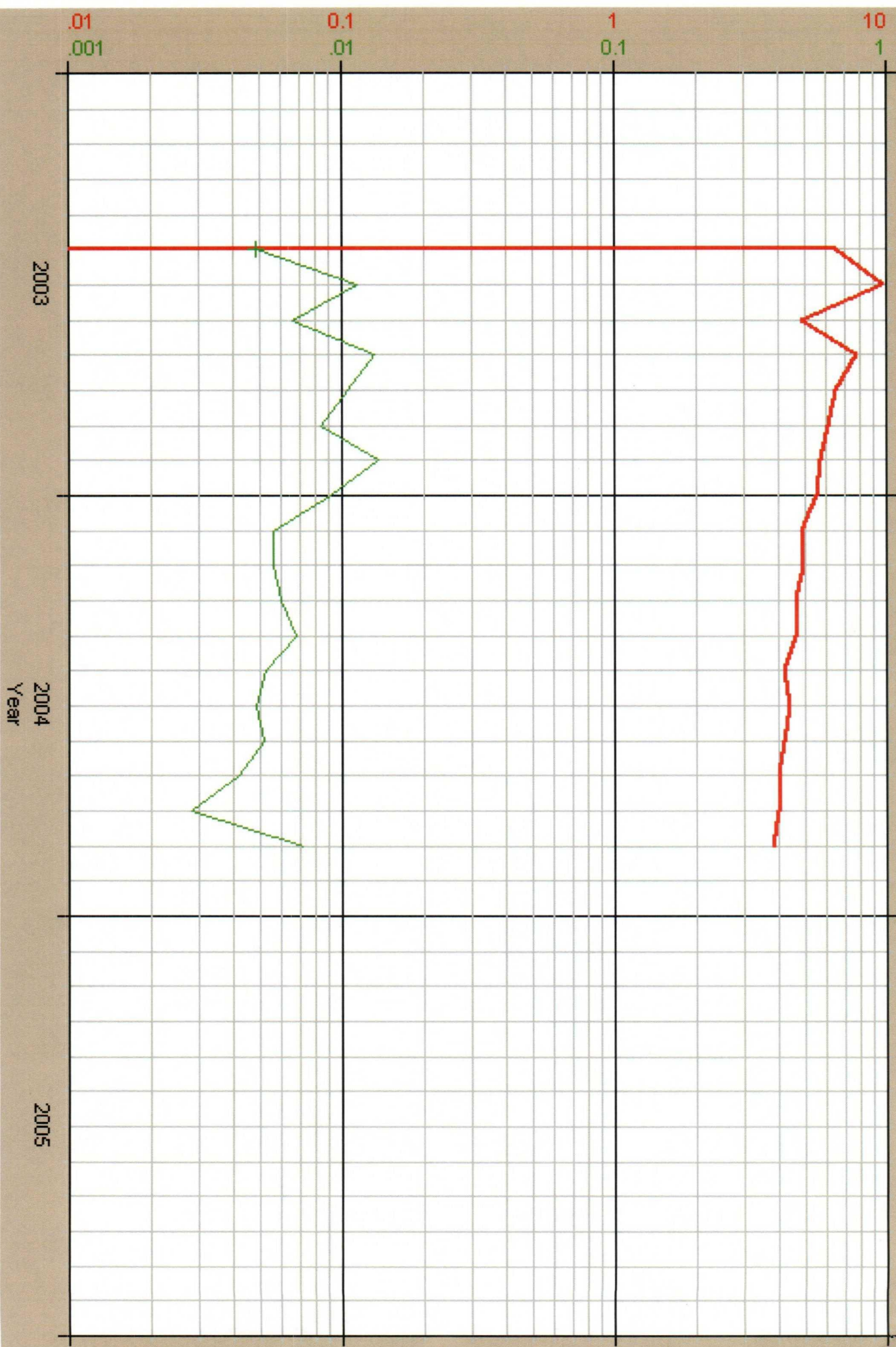
Chacra	Mesaverde
<u>CH-Current</u>	<u>MV-Current</u>
GAS GRAVITY 0 COND. OR MISC. (C/M) C %N2 0 %CO2 0 %H2S 0 DIAMETER (IN) 0 DEPTH (FT) 0 SURFACE TEMPERATURE (DEG F) 0 BOTTOMHOLE TEMPERATURE (DEG F) 0 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 0 BOTTOMHOLE PRESSURE (PSIA) #DIV/0!	GAS GRAVITY 0 COND. OR MISC. (C/M) C %N2 0.00 %CO2 0 %H2S 0 DIAMETER (IN) 0 DEPTH (FT) 0 SURFACE TEMPERATURE (DEG F) 0 BOTTOMHOLE TEMPERATURE (DEG F) 0 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 0 BOTTOMHOLE PRESSURE (PSIA) #DIV/0!
<u>CH-Original</u>	<u>MV-Original</u>
GAS GRAVITY 0.689 COND. OR MISC. (C/M) C %N2 0.0053 %CO2 0.0082 %H2S 0 DIAMETER (IN) 5.5 DEPTH (FT) 3607 SURFACE TEMPERATURE (DEG F) 60 BOTTOMHOLE TEMPERATURE (DEG F) 92 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 774 BOTTOMHOLE PRESSURE (PSIA) 857.3	GAS GRAVITY 0.689 COND. OR MISC. (C/M) C %N2 0.01 %CO2 0.0082 %H2S 0 DIAMETER (IN) 5.5 DEPTH (FT) 4751 SURFACE TEMPERATURE (DEG F) 60 BOTTOMHOLE TEMPERATURE (DEG F) 102 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 774 BOTTOMHOLE PRESSURE (PSIA) 884.0

Federal A #1M (Ross Federal 1R offset)
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 1/14/98

Dakota			
<u>DK-Current</u>		<u>Current</u>	
GAS GRAVITY	0	GAS GRAVITY	0
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0	%N2	0.00
%CO2	0	%CO2	0
%H2S	0	%H2S	0
DIAMETER (IN)	0	DIAMETER (IN)	0
DEPTH (FT)	0	DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	0	SURFACE TEMPERATURE (DEG F)	0
BOTTOMHOLE TEMPERATURE (DEG F)	0	BOTTOMHOLE TEMPERATURE (DEG F)	0
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	0	SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!	BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!
<u>DK-Original</u>		<u>Original</u>	
GAS GRAVITY	0.689	GAS GRAVITY	0
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.0053	%N2	0.00
%CO2	0.0082	%CO2	0
%H2S	0	%H2S	0
DIAMETER (IN)	2.375	DIAMETER (IN)	0
DEPTH (FT)	6962	DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	0
BOTTOMHOLE TEMPERATURE (DEG F)	122	BOTTOMHOLE TEMPERATURE (DEG F)	0
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	774	SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	936.1	BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!

Dakota

ROSS FEDERAL 1R 84256403 (ROSS FEDERAL 1 R (LDK) 84256403) Data: Dec.2002-Nov.2004



Mesaverde ROSS FEDERAL 1R 84256402 Data: Dec.2002-Nov.2004

100

10

1

0.1

2005

2004
Year

2003



Chavira

ROSS FEDERAL 1R 84256401 Data: Dec.2002-Nov.2004

10

1

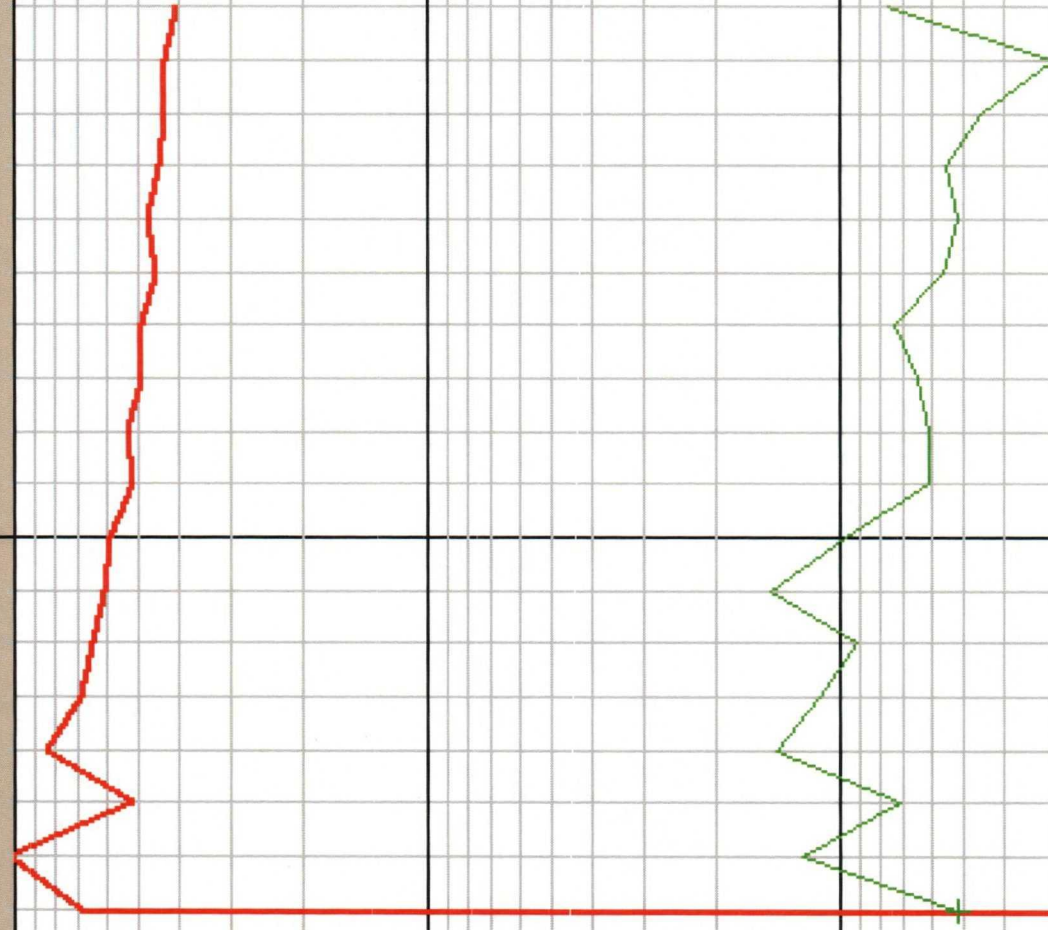
0.1

0.01

2003

2004
Year

2005



INTEREST OWNERS

Federal A 1M DHC Labels

ANDREW JEFFREY SILVER TR

BUREAU OF LAND MANAGEMENT

EDWARD H FORGOTSON

EVELYN B SILVER

FORGOTSON FAMILY PTSHP R/E

H W SMITH ESTATE

J BURTON VETETO

JAMES M FORGOTSON III

JAMES M FORGOTSON JR

JIM L SHARP

JULIE ANN ANTWEIL TRUST

MACDONALD HALBERSTADT REVOCABLE

PATRICIA MERLE SILVER TR

ROBERT E MCALISTER

ROYALTY CLEARINGHOUSE LTD

SINGER BROS

UNITED PIPE SUPPLY CO