

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

2005 JAN 7 AM 10 12

[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	<u>Tammy Jones</u> Signature	Regulatory Specialist Title	1/6/2005 Date
		tjones3@br-inc.com e-mail Address	

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

District II  
1301 W. Grand Avenue, Artesia, NM 88210

**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

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**APPLICATION FOR DOWNHOLE COMMINGLING**

DHC-3391

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

FEDERAL A 1M Unit G, Sec. 27, T30N, R11W San Juan  
Lease Well No. Unit Letter-Section-Township-Range 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	<del>WINDY</del> 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? 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 1/5/05

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

E-MAIL ADDRESS cmckee2@br-inc.com

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

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

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

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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

<sup>10</sup> Surface Location

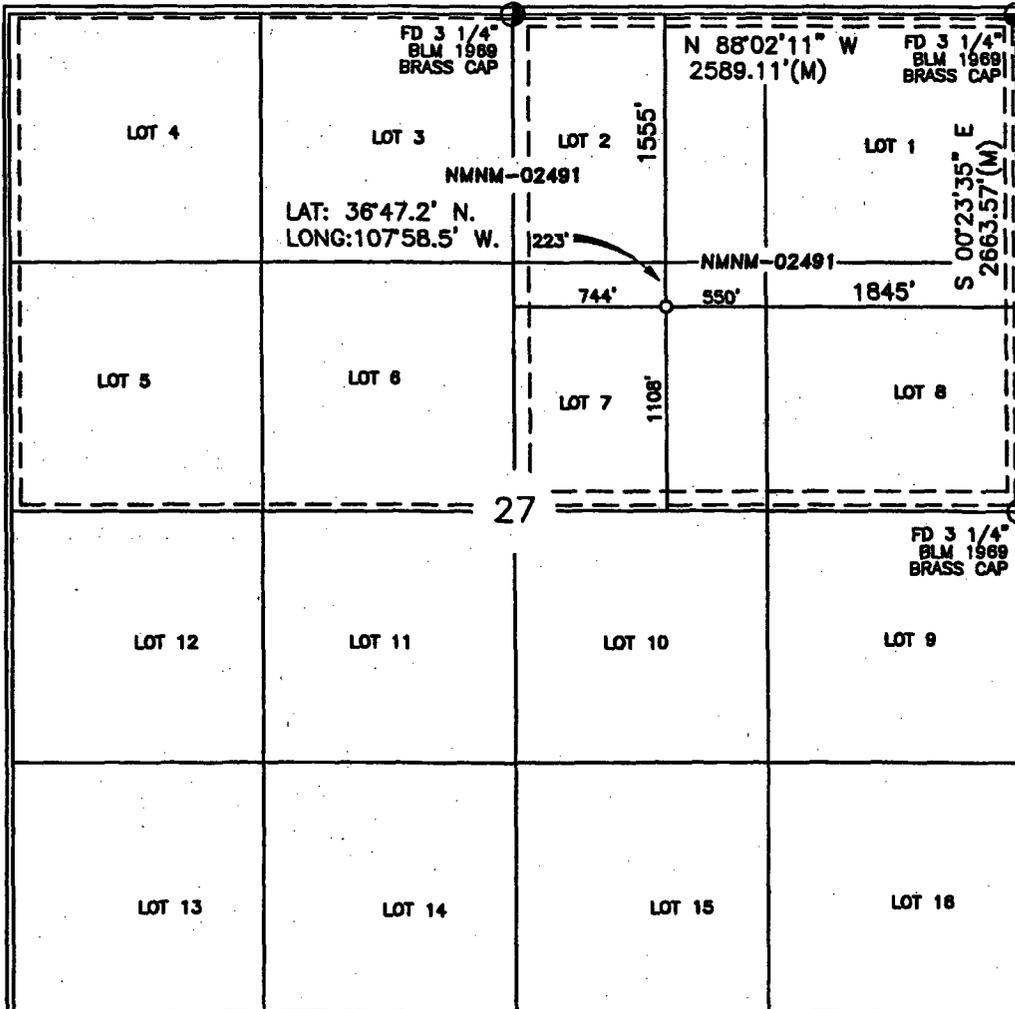
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	27	30-N	11-W		1555	NORTH	1845	EAST	SAN JUAN

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres Cha-NE/158.62 MV/DK-N/317.76	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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



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

11-9-04  
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.

1-7-05  
Date of Survey  
Signature  
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

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

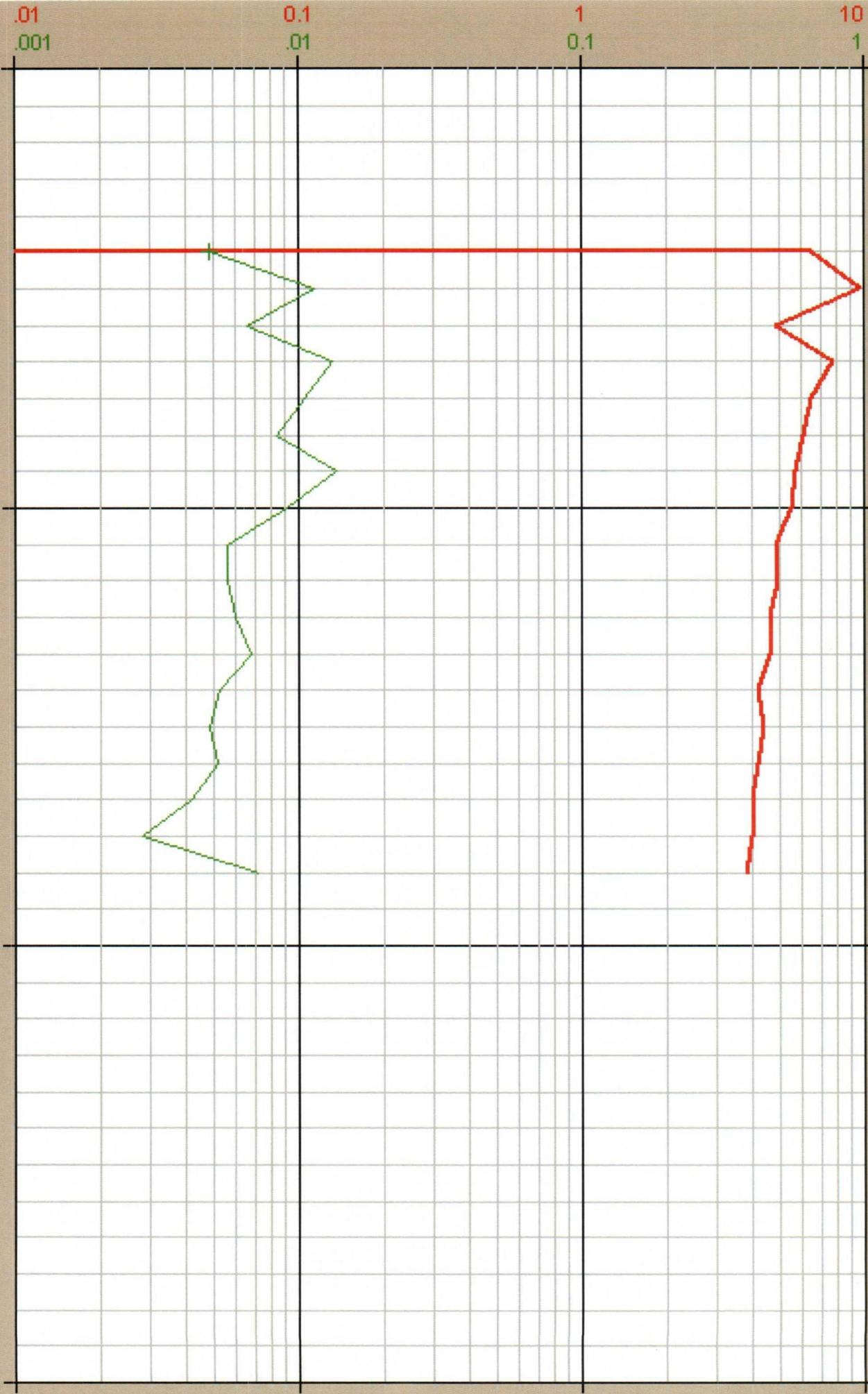
**Federal A #1M (Ross Federal 1R offset)  
 Bottom Hole Pressures  
 Flowing and Static BHP  
 Cullender and Smith Method**

Version 1.0 1/14/98

<b>Dakota</b>			
<b><u>DK-Current</u></b>		<b><u>Current</u></b>	
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!
<b><u>DK-Original</u></b>		<b><u>Original</u></b>	
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!

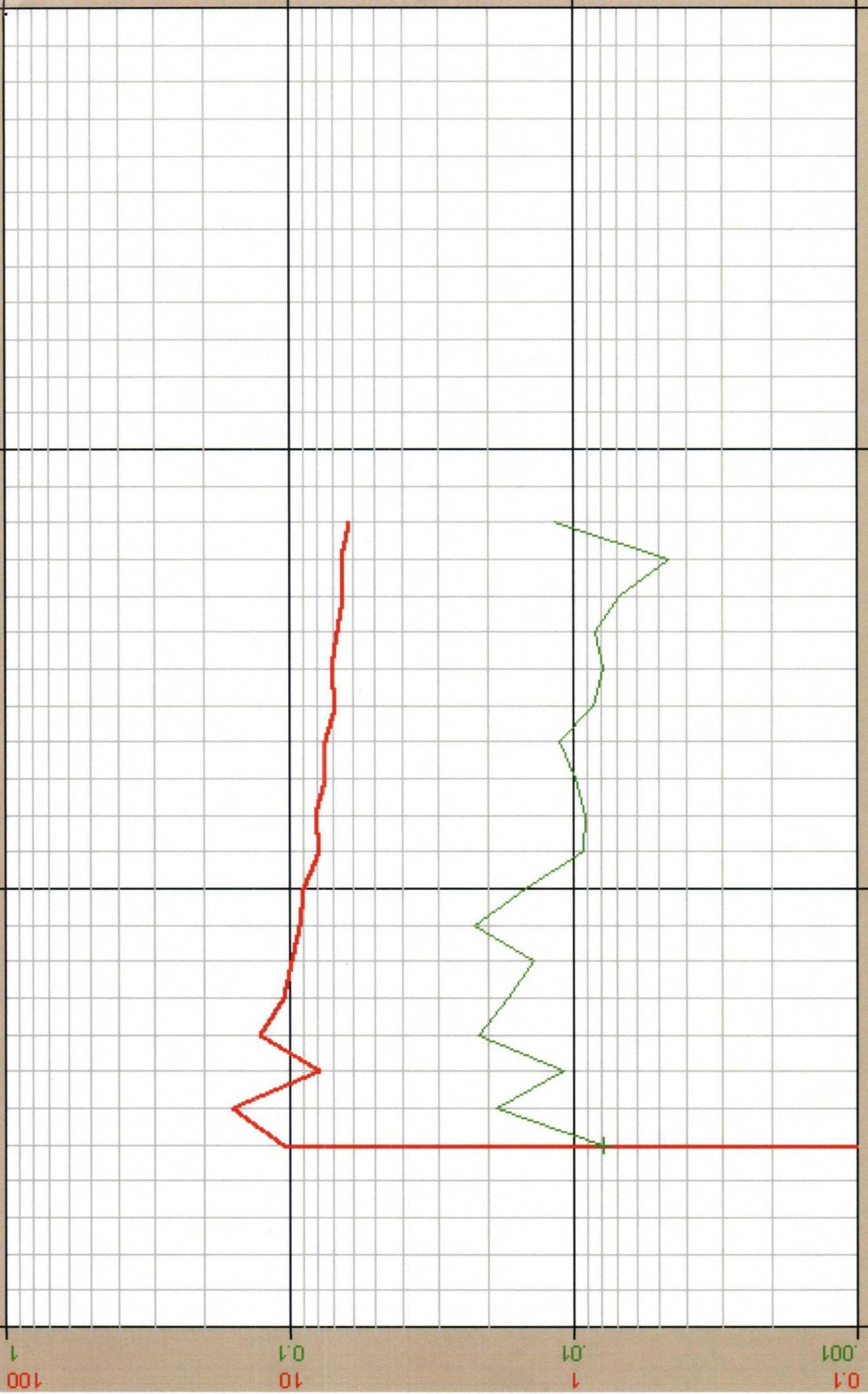
Dakota

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



2003  
2004  
2005  
Year

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



2005

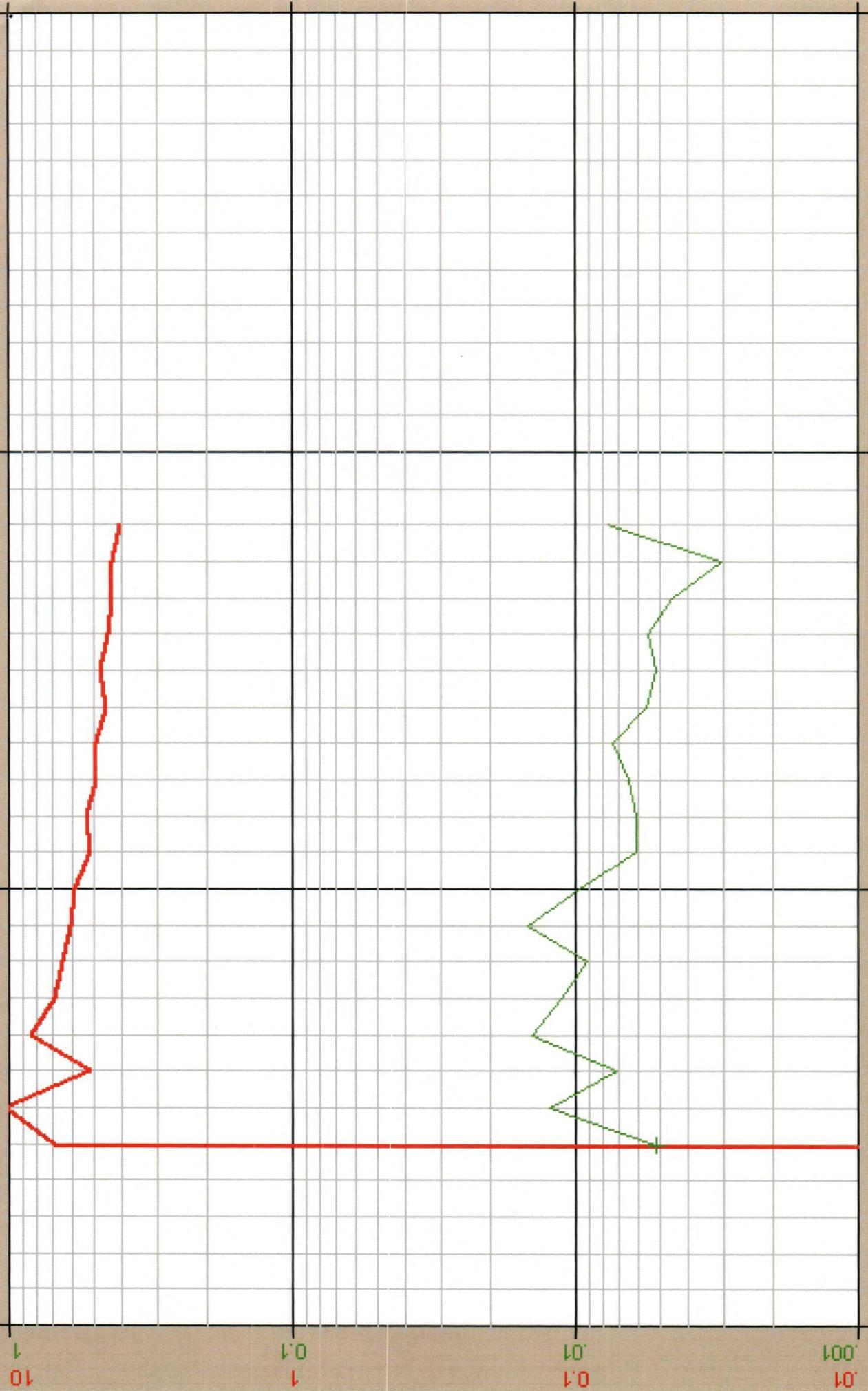
2004

Year

2003

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

Chavira



2005

2004  
Year

2003

10

1

0.1

0.01

# ***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