DATE IN 4-29-04	SUSPENSE 5/19/04	ENGINEER Jones	LOGGED IN 4-29-04	TYPE DHC	APP NO. pSEM0412037743

ABOVE THIS LINE FOR DIVISION USE ONLY

DHC-3288

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 Wimsatt	Tammy Wimsatt	Regulatory Specialist	4/28/04
Print or Type Name	Signature	Title	Date

twimsatt@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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107A
Revised May 15, 2000

APPLICATION TYPE
___Single Well
___Establish Pre-Approved Pools
EXISTING WELLBORE
___ Yes _X__No

BURLINGTON RESOURCES OIL & GAS COMPANY LP — PO BOX 4289, FARMINGTON, NM 87499
Operator — Address

HAMNER FEDERAL — 1M — G-35-29N-10W — SAN JUAN
Lease — Well No. — Unit Letter-Section-Township-Range — County

OGRID No. 14538 Property Code 33275 API No. 30-045-32059 Lease Type: X Federal X 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	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 – 686 psi From Nye Federal 1M offset (see attachment)	Original – 706 psi From Nye Federal 1M offset (see attachment)	Original – 747 psi From Nye Federal 1M offset (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1252 From Nye Federal 1M offset	BTU 1252 From Nye Federal 1M offset	BTU 1252 From Nye Federal 1M 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: Rates:	Date: Rates:	Date: 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__ X___
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? 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 [signature] TITLE Engineer DATE 04/26/03
tlw
TYPE OR PRINT NAME Cory J. McKee TELEPHONE NO. (505) 326-9700

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

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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 API Number	2 Pool Code	3 Pool Name
30-045-32059	72319/71599/82329	Blanco Mesaverde/Basin Dakota/Otero Chacra

4 Property Code	5 Property Name	6 Well Number
33275	HAMNER FEDERAL	1M

7 OGRID No.	8 Operator Name	9 Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY, LP	5601

10 Surface Location

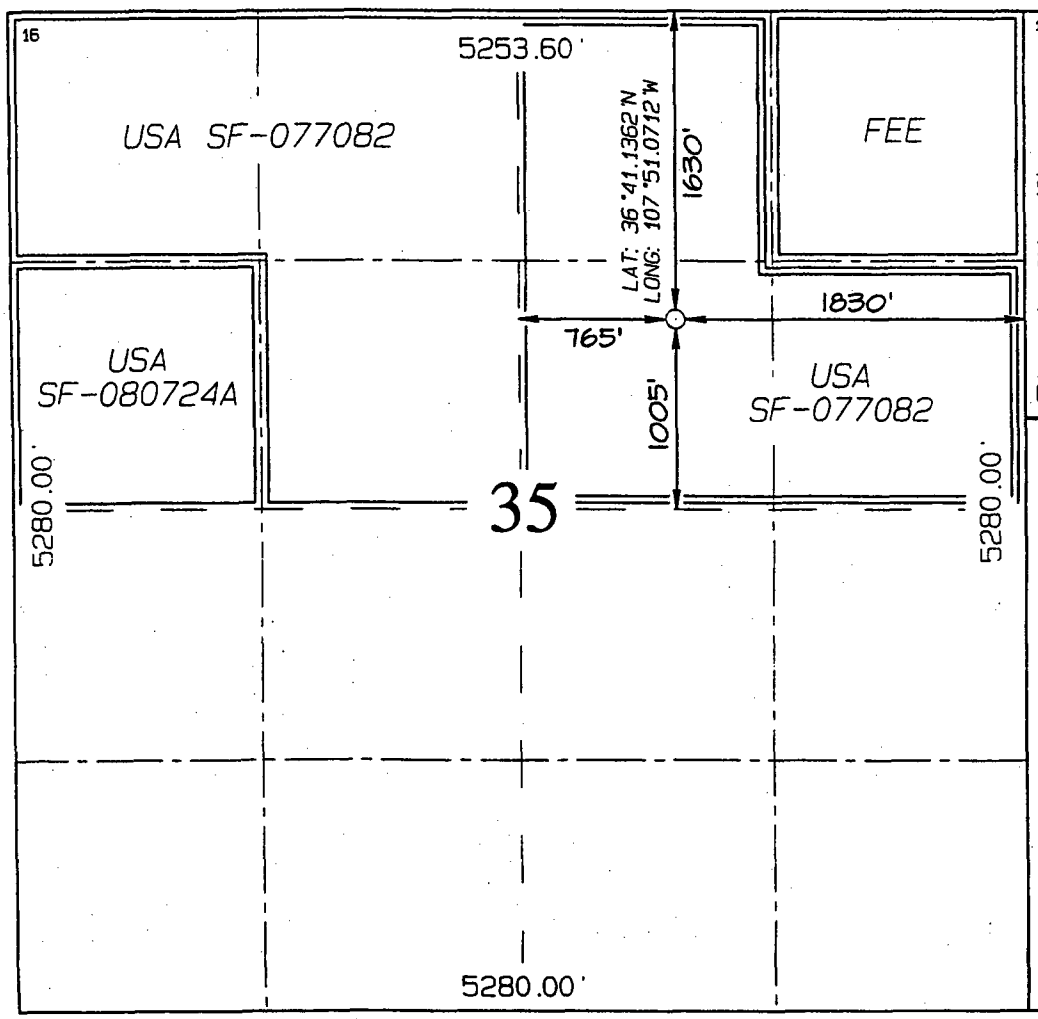
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	35	29N	10W		1630	NORTH	1830	EAST	SAN JUAN

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

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
Cha: NE/160 MV/DK: N/320			

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 Wimsatt
Signature

Tammy Wimsatt
Printed Name

Regulatory Specialist
Title

4-28-04
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

Date of Survey: APRIL 25, 2003

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269

Hamer Federal #1M
(Nye Federal #1M offset)
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method

Version 1.0 1/14/98

Chacra

CH-Current

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)	60
BOTTOMHOLE TEMPERATURE (DEG F)	0
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!

CH-Original

GAS GRAVITY	0.72
COND. OR MISC. (C/M)	C
%N2	0.003
%CO2	0.006
%H2S	0
DIAMETER (IN)	4.5
DEPTH (FT)	3277
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	108.4
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	625
BOTTOMHOLE PRESSURE (PSIA)	685.7

Mesaverde

MV-Current

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)	60
BOTTOMHOLE TEMPERATURE (DEG F)	0
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!

MV-Original

GAS GRAVITY	0.72
COND. OR MISC. (C/M)	C
%N2	0.003
%CO2	0.006
%H2S	0
DIAMETER (IN)	4.5
DEPTH (FT)	4398
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	125
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	625
BOTTOMHOLE PRESSURE (PSIA)	706.1

Hamer Federal #1M
(Nye Federal #1M offset)
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method

Version 1.0 1/14/98

Dakota

DK-Current

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)	60
BOTTOMHOLE TEMPERATURE (DEG F)	0
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!

Current

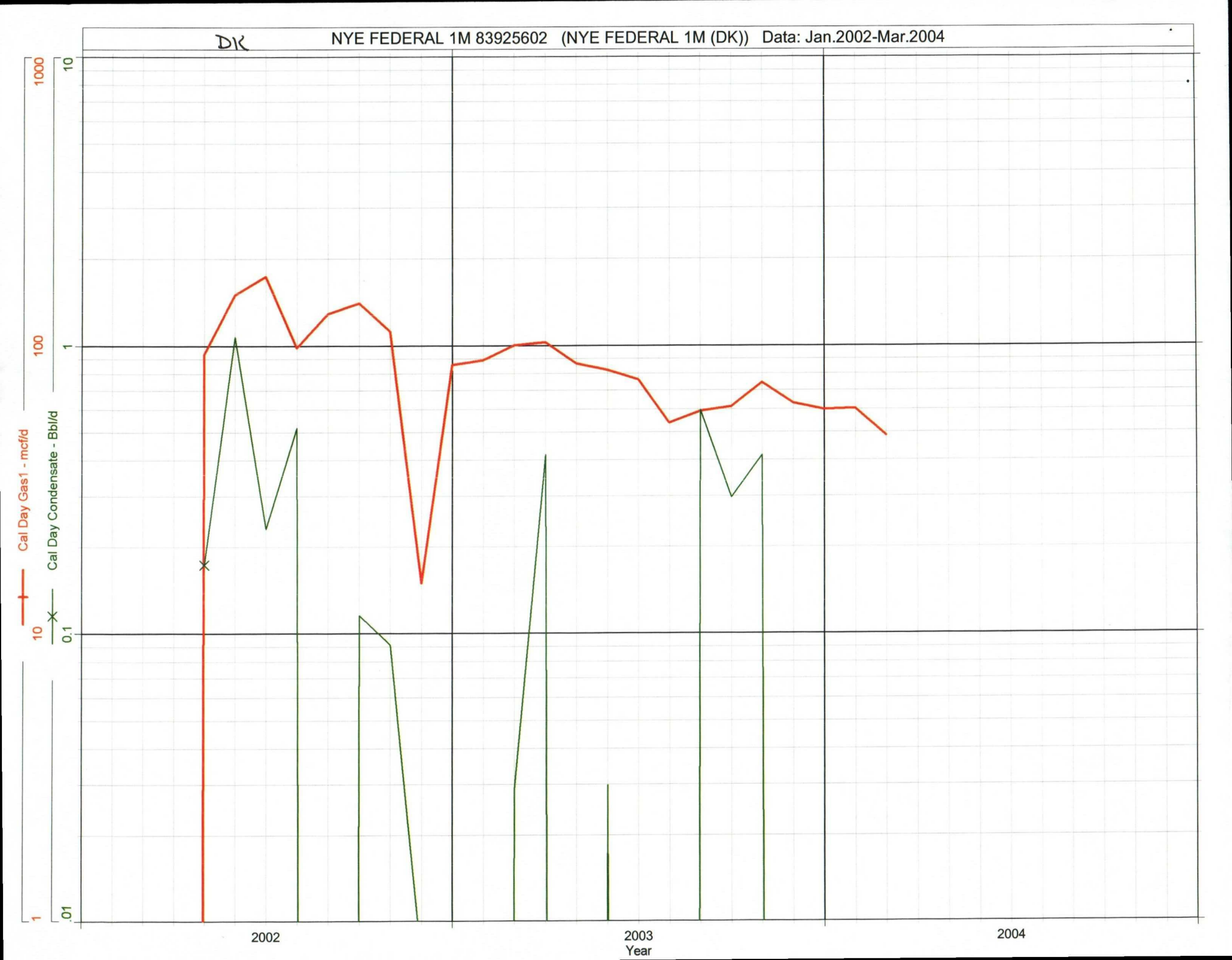
GAS GRAVITY	0
COND. OR MISC. (C/M)	C
%N2	0.00
%CO2	0
%H2S	0
DIAMETER (IN)	0
DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	0
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!

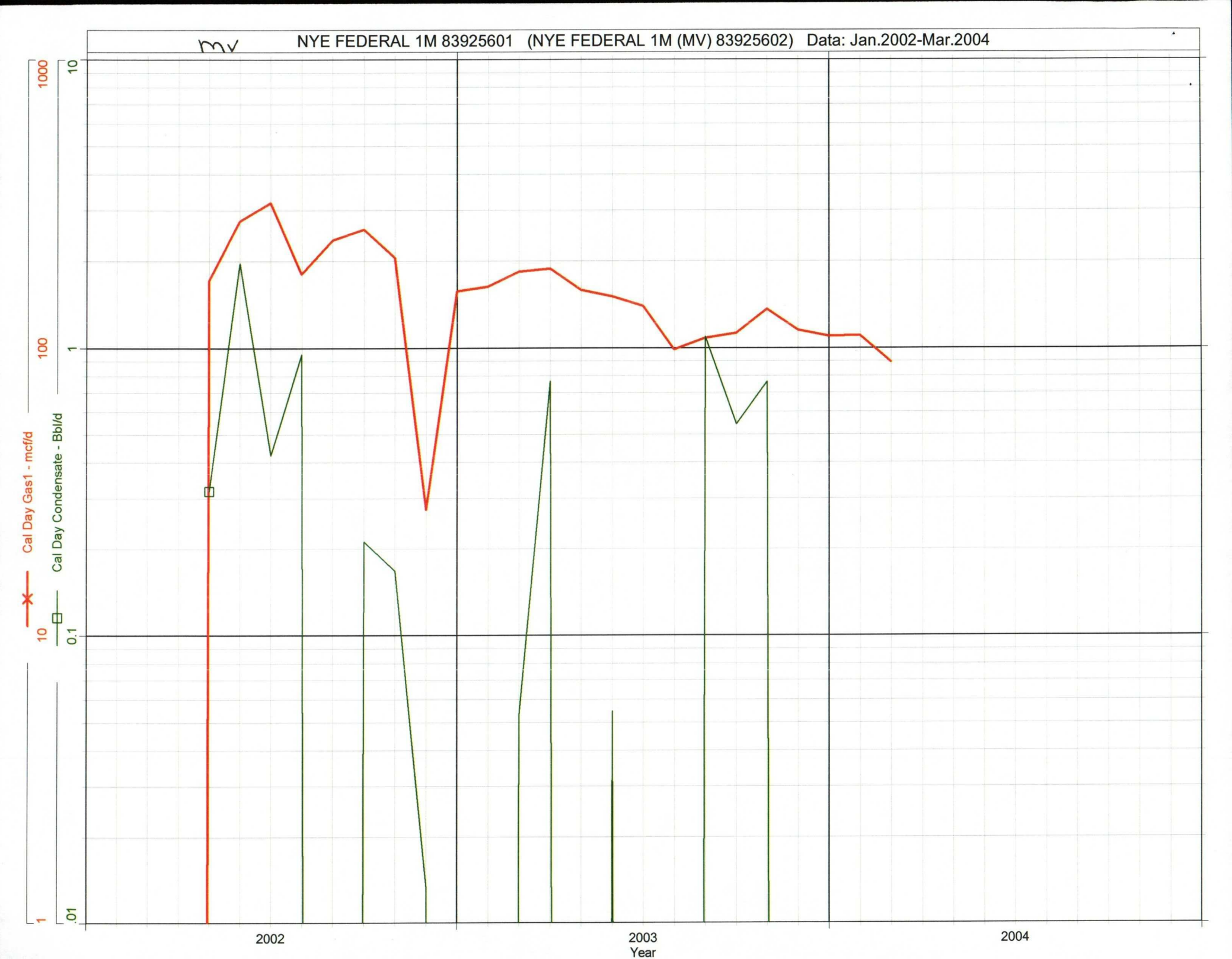
DK-Original

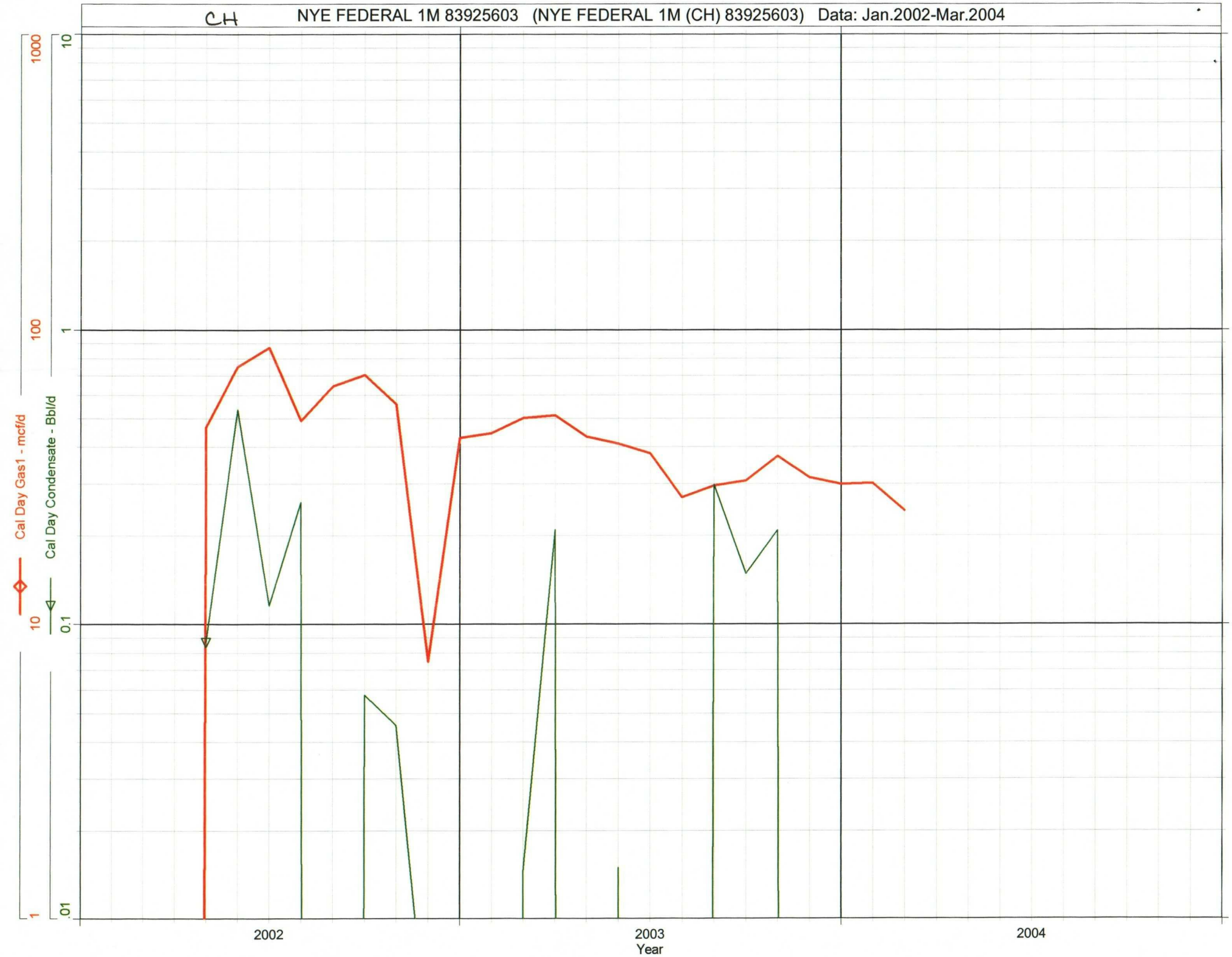
GAS GRAVITY	0.72
COND. OR MISC. (C/M)	C
%N2	0.003
%CO2	0.006
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	6654.5
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	158.3
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	625
BOTTOMHOLE PRESSURE (PSIA)	746.7

Original

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)	60
BOTTOMHOLE TEMPERATURE (DEG F)	0
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!


DK
NYE FEDERAL 1M 83925602 (NYE FEDERAL 1M (DK)) Data: Jan.2002-Mar.2004
Cal Day Gas1 - mcf/d
Cal Day Condensate - Bbl/d
1000
100
10
1
10
1
0.1
.01
2002
2003
2004
Year


mv
NYE FEDERAL 1M 83925601 (NYE FEDERAL 1M (MV) 83925602) Data: Jan.2002-Mar.2004
1000
100
10
1
10
1
0.1
.01
Cal Day Gas1 - mcf/d
Cal Day Condensate - Bbl/d
2002
2003
2004
Year


CH
NYE FEDERAL 1M 83925603 (NYE FEDERAL 1M (CH) 83925603) Data: Jan.2002-Mar.2004
1000
100
10
1
Cal Day Gas1 - mcf/d
10
1
.1
.01
Cal Day Condensate - Bbl/d
2002
2003
2004
Year

HAMNER FEDERAL 1M
CHACRA/MESAVERDE/DAKOTA

1 ALVIS JACK MCBEE
2 AMERICAN ASSURANCE 2000, LP
3 ASHLEY & SUSAN BRACKEN
4 BANK OF AMERICA
5 BANK OF AMERICA NA TRUSTEE
6 BARBARA REESE DINGES
7 BETTY T JOHNSTON/LYLE E
8 BUREAU OF LAND MANAGEMENT
9 CHARLA KATHLEEN ROCHE
10 CHASE OIL CORPORATION
11 CLAIR H BLACK &
12 CLAUDIA MARCIA LUNDELL GILMER
13 CONOCOPHILLIPS COMPANY
14 D MARTIN PHILLIPS AND LIANE M
15 D R ZACHRY JR
16 DAVID ELBERT REESE
17 DAVID HENDERSON
18 E C FIEDOREK TRUSTEE
19 ELIZABETH GOODWIN REESE
20 FHW OIL & GAS LTD
21 GARY R PETERSEN
22 GRIFFITH AND STONE ROYALTY
23 HOWARD M MCBEE ESTATE
24 HUGH BLACK
25 JAMES L FASHING
26 JAMES L IRISH III TRUSTEE
27 JANICE ROBERTSON
28 JERRY J ANDREW
29 JO ANN PETERSEN
30 JOHN L MITCHELL
31 KAVANNAGH-SHIERSHKE FAMILY TRUST
32 LINDA JEANNE LUNDELL LINDSEY
33 LUCILLE BUNCE
34 M SEAN SMITH
35 MARTHA JO WILSON
36 MARTHA LUCKETT
37 MARY ELIZABETH HOLT
38 MARY THURMAN TODD &
39 MICHAEL DWAYNE BLACK
40 MICHELE D ALEXANDER
41 NATIONSBANK
42 PEAK ENERGY RESOURCES INC
43 PURE RESOURCES LP
44 REBECCA ANN REESE WARD
45 REX BLACK
46 RICHARD ALAN BOYD
47 RICHARDSON W ROBERTSON
48 ROBERT E BEAMON III
49 ROBERT L ZORICH
50 ROBERT WALTER LUNDELL
51 ROGERS FAMILY TRUST
52 ROGERS-GIBBARD TRUST
53 ROSEMARY MORIARTY
54 SAMUEL D HAAS
55 SAN JUAN BASIN POOL LTD
56 SUSANNA B MCBEE
57 TERENCE A ROBERTSON
58 THURMAN FAMILY LLC
59 V A JOHNSTON FAMILY TRUST
60 WP TRAYLOR/JG HEARD-IND EXECS/