

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 May 15, 2000

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

BURLINGTON RESOURCES OIL & GAS COMPANY PO BOX 4289, FARMINGTON, NM 87499

Operator Ross Federal Address B-23-30N-11W San Juan

Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 14538 Property Code 25005 API No. 30-045-31252 Lease Type: 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	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 - 1016 psi From Congress #10 offset (see attachment)	Original - 798 psi From Hampton #4M offset (see attachment)	Original - 832 psi From Hampton #4M offset (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1164 From Congress #10 offset	BTU 1206 From Hampton #4M offset	BTU 1206 From Hampton #4M 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.)	WILL BE SUPPLIED UPON COMPLETION	WILL BE SUPPLIED UPON COMPLETION	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 Leonard Biemer TITLE Reservoir Engineer DATE 1/9/2003
tlw
TYPE OR PRINT NAME Leonard Biemer TELEPHONE NO. (505) 326-9700

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State of New Mexico

Form C-102

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-45-31252	Pool Name OTERO CHACRA (GAS)	Pool Code 82329
Property Code 25005	Property Name ROSS FEDERAL	Well No. 001R
OGRID No. 14538	Operator Name Burlington Resources Oil and Gas Company LP	Elevation 5990

Surface And Bottom Hole Location

UL or Lot B	Section 23	Township 30N	Range 11W	Lot Idn	Feet From 1000	N/S Line N	Feet From 1940	E/W Line E	County San Juan
Dedicated Acres 158.86		Joint or Infill		Consolidation Code		Order No.			

OPERATOR CERTIFICATION

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

Electronically Signed By: Peggy Cole

Title: Manager

Date: 10/28/2002

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.

Electronically Signed By: Jason C. Edwards

Date of Survey: 10/7/2002

Certificate Number: 15269

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State of New Mexico
Energy, Minerals and Natural Resources

Form C-102

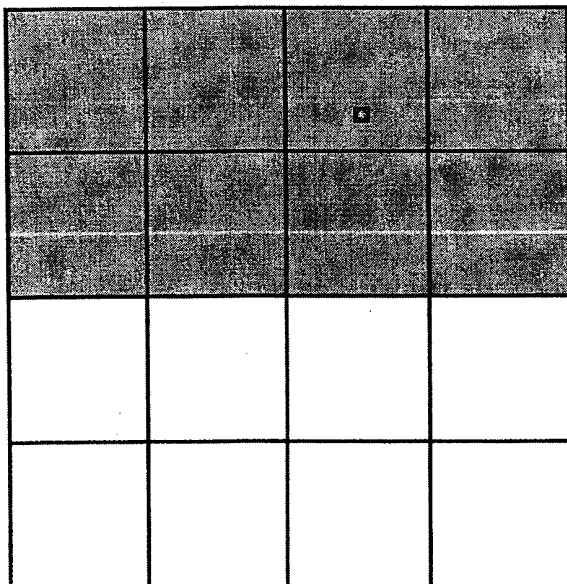
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-45-31252	Pool Name BLANCO-MESAVERDE (PRORATED GAS)	Pool Code 72319
Property Code 25005	Property Name ROSS FEDERAL	Well No. 001R
OGRID No. 14538	Operator Name Burlington Resources Oil and Gas Company LP	Elevation 5990

Surface And Bottom Hole Location

UL or Lot B	Section 23	Township 30N	Range 11W	Lot Idn	Feet From 1000	N/S Line N	Feet From 1940	E/W Line E	County San Juan
Dedicated Acres 318.63		Joint or Infill		Consolidation Code		Order No.			



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Title: Manager

Date: 10/28/2002

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Form C-102

Oil Conservation Division

1220 S. St Francis Dr.

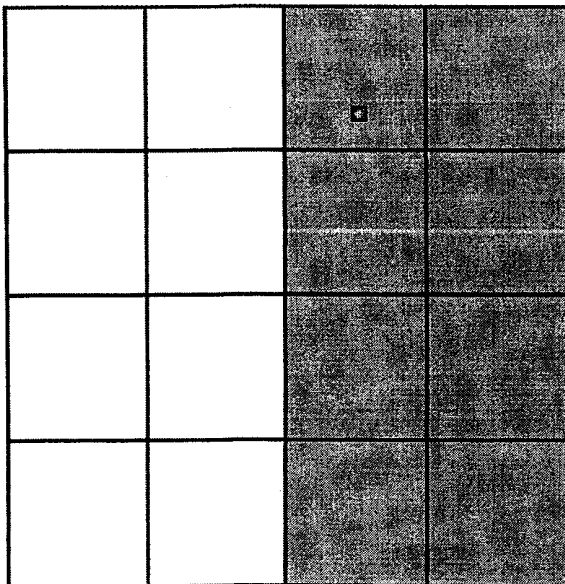
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-45-31252	Pool Name BASIN DAKOTA (PRORATED GAS)	Pool Code 71599
Property Code 25005	Property Name ROSS FEDERAL	Well No. 001R
OGRID No. 14538	Operator Name Burlington Resources Oil and Gas Company LP	Elevation 5990

Surface And Bottom Hole Location

UL or Lot B	Section 23	Township 30N	Range 11W	Lot Idn	Feet From 1000	N/S Line N	Feet From 1940	E/W Line E	County San Juan
Dedicated Acres 317.2		Joint or Infill		Consolidation Code		Order No.			

**OPERATOR CERTIFICATION**

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

Electronically Signed By: Peggy Cole

Title: Manager

Date: 10/28/2002

SURVEYOR CERTIFICATION

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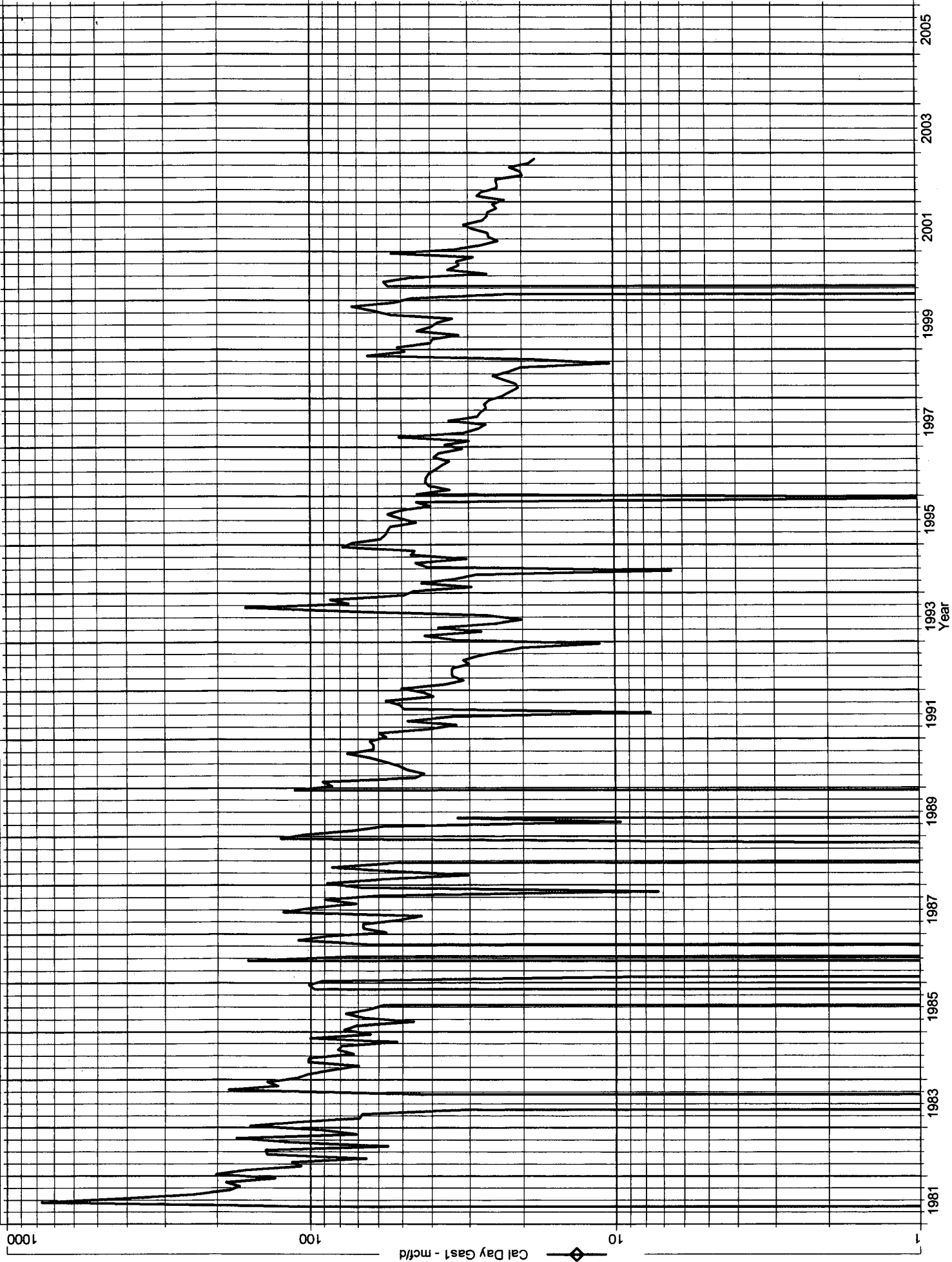
Electronically Signed By: Jason C. Edwards

Date of Survey: 10/7/2002

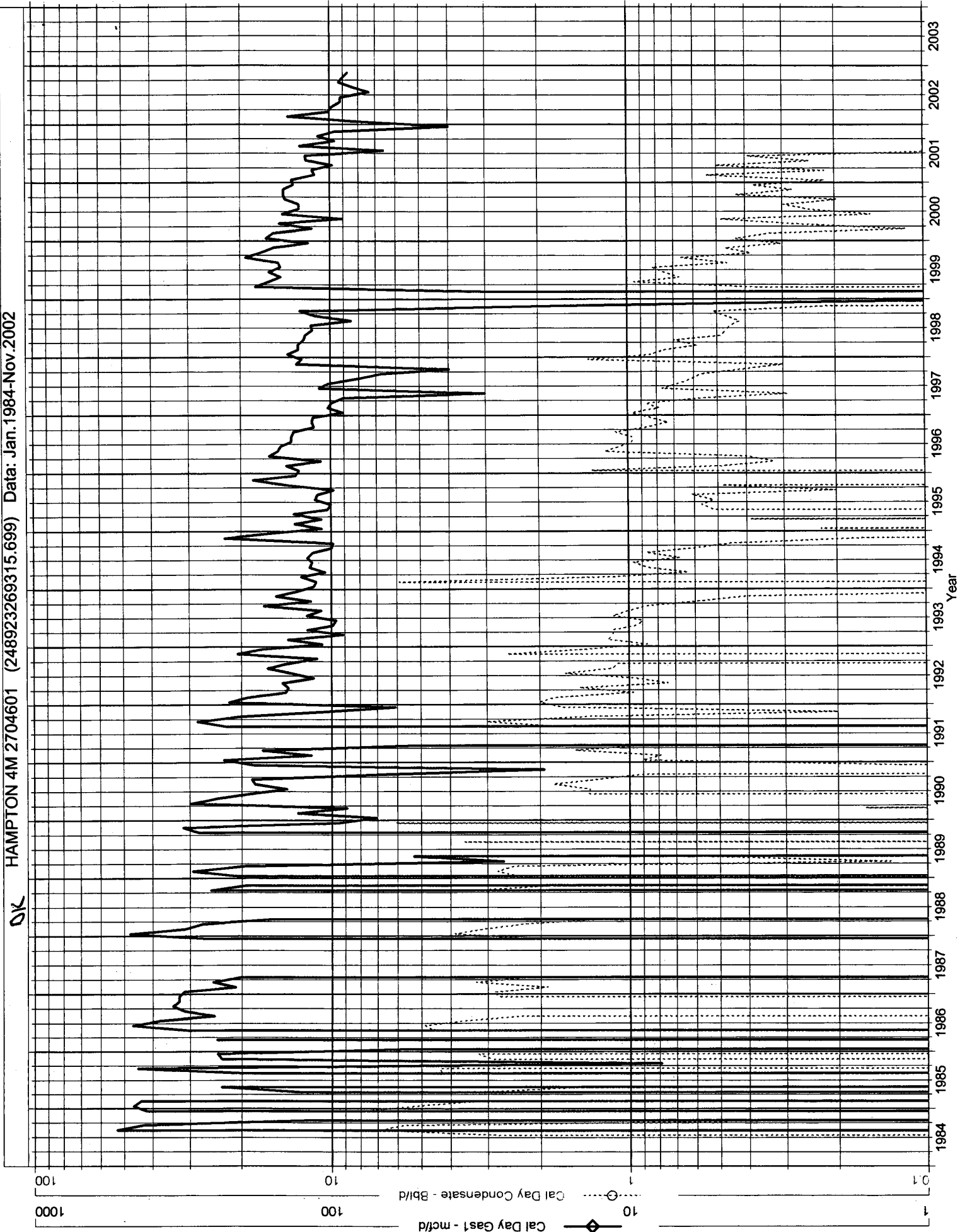
Certificate Number: 15269

Ross Federal #1R
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	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>CH-Original</u>		<u>MV-Original</u>	
GAS GRAVITY	0.662	GAS GRAVITY	0.697
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.007	%N2	0.00
%CO2	0.002	%CO2	0.01088
%H2S	0	%H2S	0
DIAMETER (IN)	2.875	DIAMETER (IN)	5.5
DEPTH (FT)	2890	DEPTH (FT)	5005.5
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	93	BOTTOMHOLE TEMPERATURE (DEG F)	103
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	938	SURFACE PRESSURE (PSIA)	694
BOTTOMHOLE PRESSURE (PSIA)	1016.2	BOTTOMHOLE PRESSURE (PSIA)	797.9



OK HAMPTON 4M 2704601 (248923269315.699) Data: Jan.1984-Nov.2002



mV

1000
100
10
1
0.1

Cal Day Gas1 - mcf/d
Cal Day Condensate - Bbl/d

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