

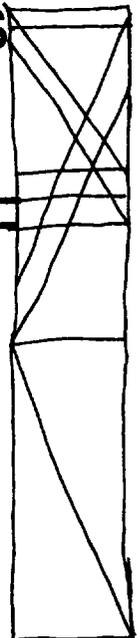
Rhodes B Federal #7 EUR Determination

Production Decline Curve Analysis

Rhodes A #3 and #4 Analogies

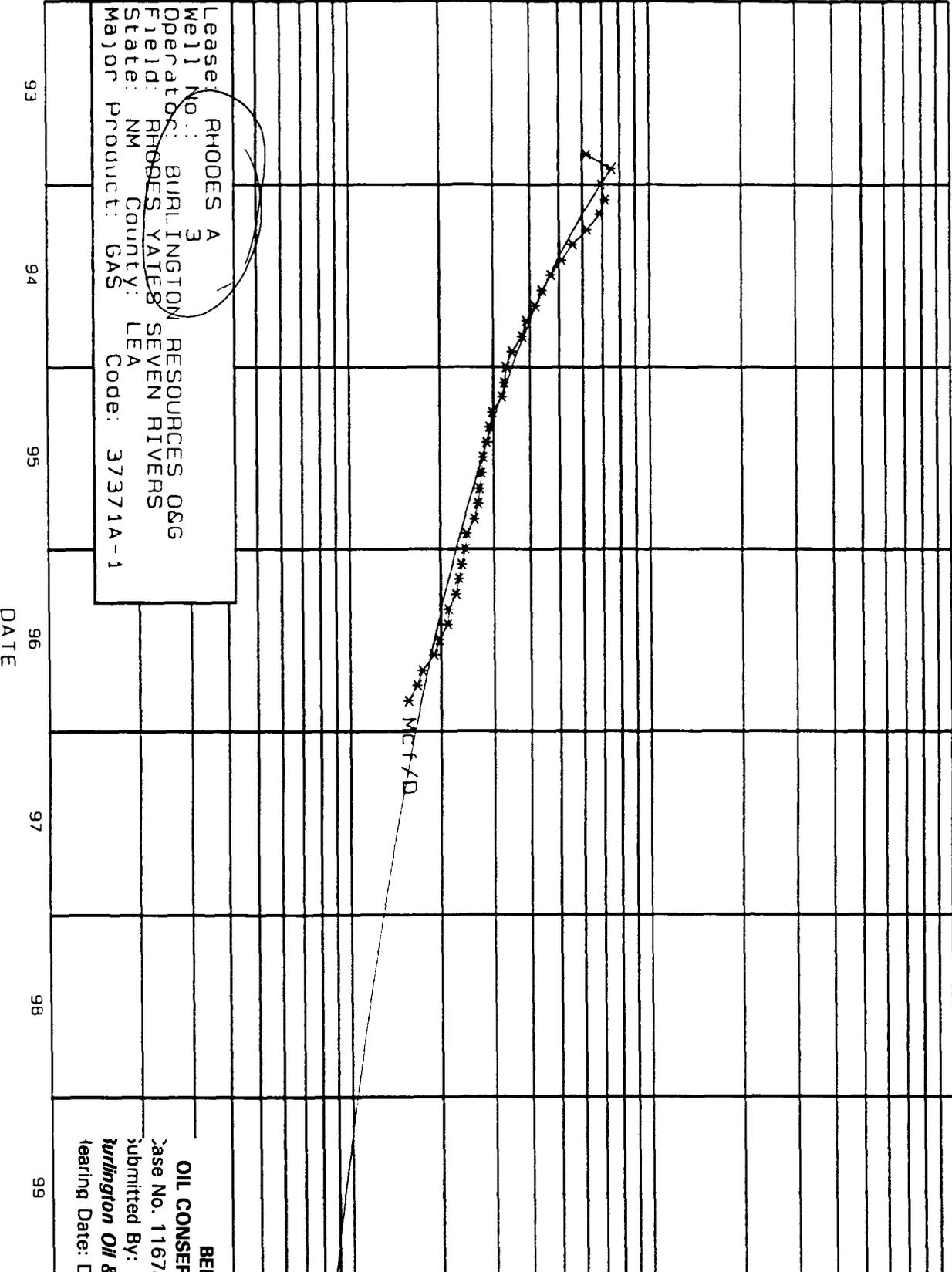
EUR

585 MMCF



10000 1000 100C MCF/D 100C 10C

Lease: RHODES A
 Well No.: 3
 Operator: BURLINGTON RESOURCES O&G
 Field: RHODES YATES SEVEN RIVERS
 State: NM County: LEA
 Major Product: GAS Code: 37371A-1



DATE

99

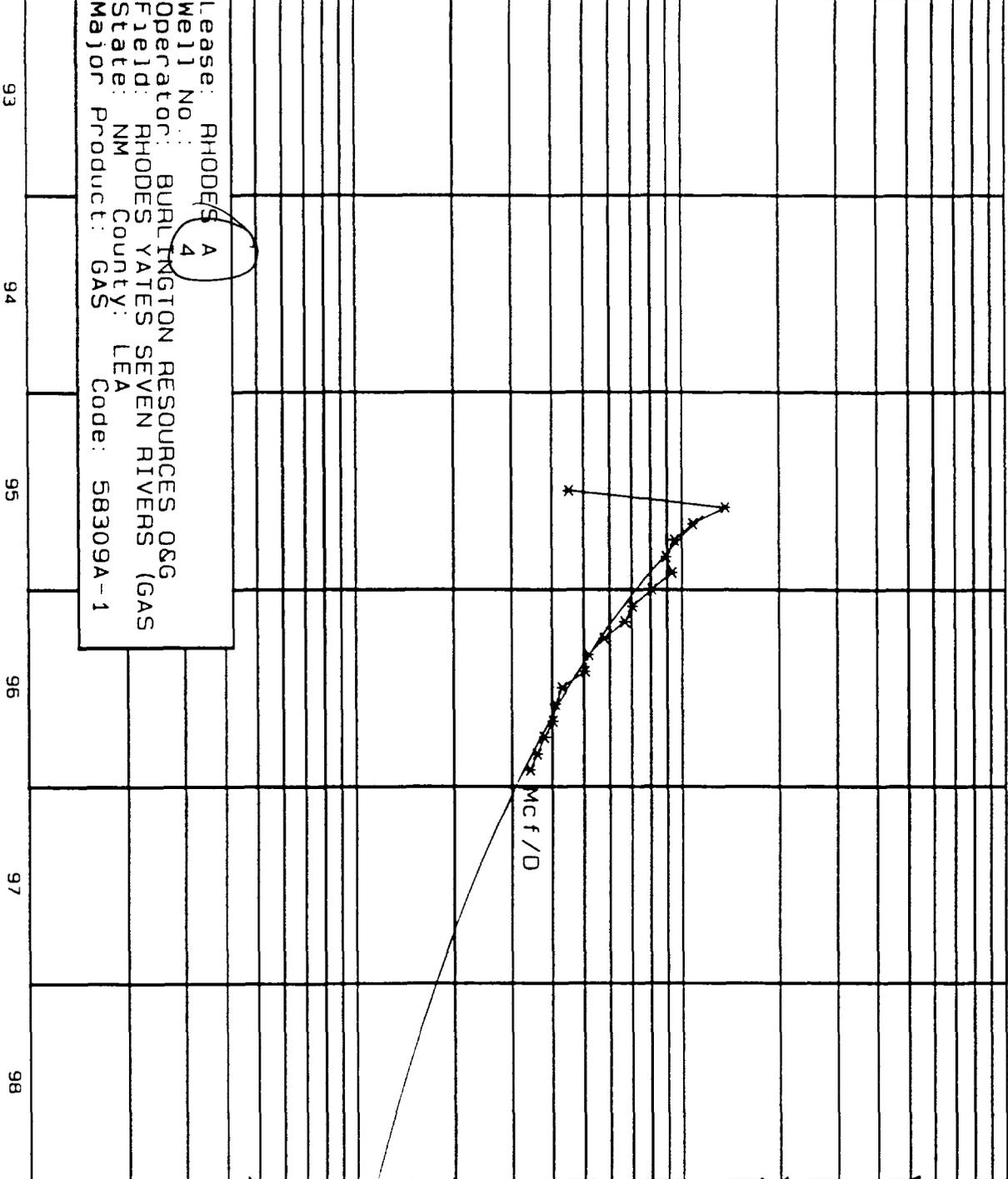
BEFORE THE
 OIL CONSERVATION DIVISION
 Case No. 11678 Exhibit No. 9
 Submitted By:
 Burlington Oil & Gas Company
 Hearing Date: December 19, 1996

GAS
 (add) = 608 B MCF/M
 (sub) =
 Ref = 11/93
 Cum = 19 210 MMcf
 Rem = 780 899 MMcf
 EUR = 780 139 MMcf
 Yrs = 82 164
 O1 = 24806.5 MCF/M
 O2 = 65 816
 O3 = 836

10 100 Mcf/D 1000 10000

Lease: RHODES A
Well No.: 4
Operator: BURLINGTON RESOURCES O&G
Field: RHODES YATES SEVEN RIVERS (GAS)
State: NM County: LEA
Major Product: GAS Code: 58309A-1

DATE



GAS ———

Qd1 - (CURRENT)

Ref = 08/95

Cum = 55,746 MMcf

Rem = 889,731 MMcf

EUR = 645,177 MMcf

YFS = 11,583

Q1 = 37574.9 Mcf/M

De = 78,120

n = 590

Qd0 = 610.2 Mcf/M

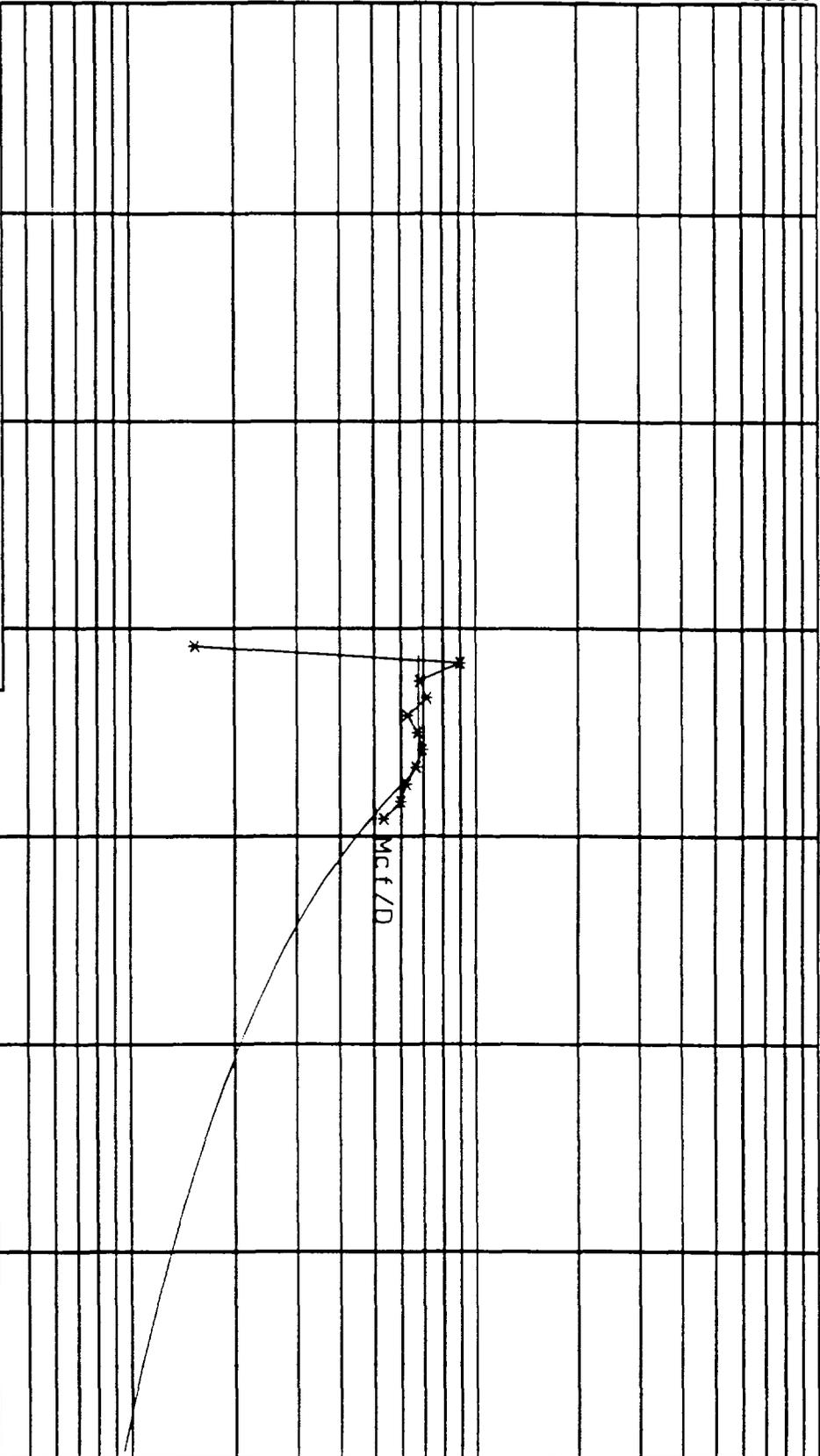
BEFORE THE
OIL CONSERVATION DIVISION
Case No. 11678 Exhibit No. **10**
Submitted By:
Burlington Oil & Gas Company
hearing Date: December 19, 1996

10 100 Mcf/C 1000 10000

Lease: RHODES B FEDERAL
 Well No.: 7
 Operator: BURLINGTON RESOURCES O&G
 Field: RHODES SEVEN RIVERS
 State: NM County: LEA
 Major Product: GAS Code: 59915A-1

DATE

93 94 95 96 97 98 99



BEFORE THE
OIL CONSERVATION DIVISION
 Case No. 11678 Exhibit No. 11
 Submitted By:
Burlington Oil & Gas Company
 Hearing Date: December 19, 1996

GAS
 Qa1=CURRENT
 Ref = 02/96
 Cum = 4.763 MMcf
 Rem = 5.2015 MMcf
 EUR = 583.978 MMcf
 YFS = 12.832
 Q1 = 20531.3 Mcf/M
 De = .000
 n = .000
 Qad = 606.7 Mcf/M

Rhodes B Federal #7 Drainage Area

EUR

585 MMCF

Reservoir Properties

Reservoir Pressure	668 psia
Average Pay	81 Feet
Average Porosity	20%
Water Saturation	22%

Drainage Area

25 Acres

Rhodes 23 Federal #1

Vertical Well Proposal

Reserve and Cost Summary

Drainage Area

25 Acres

Average Pay

100 Feet

EUR

710 MMCF

Investment

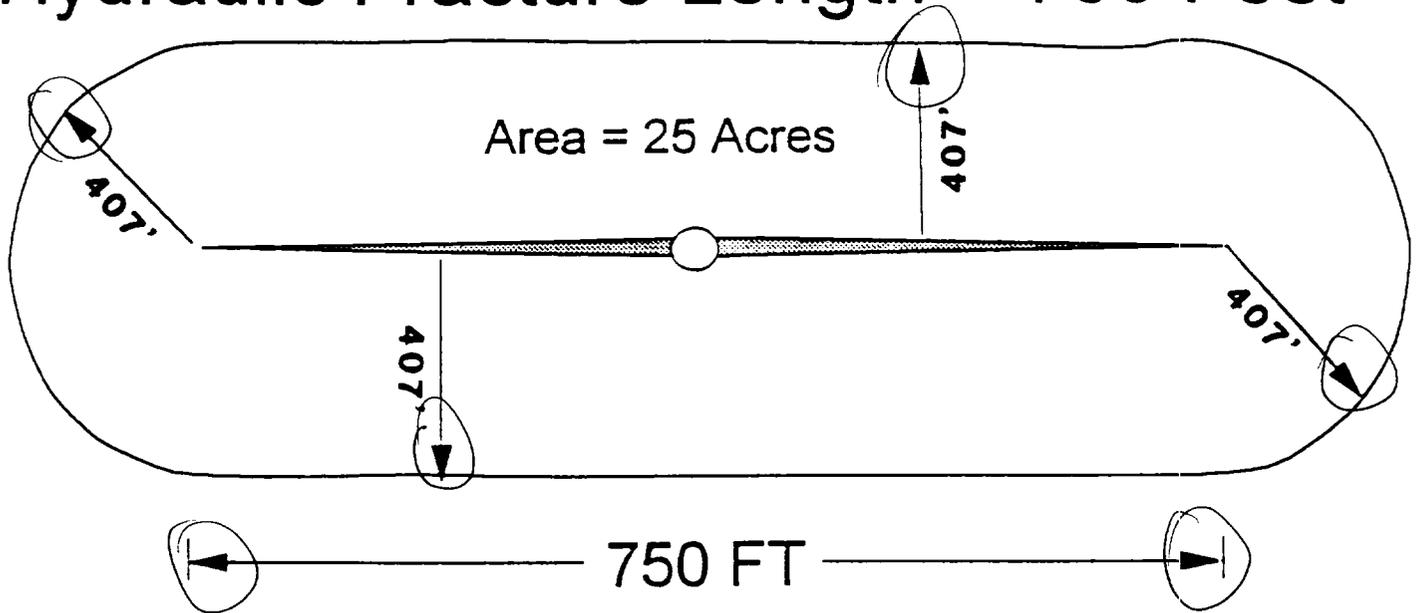
\$235M

Rhodes 23 Federal #1

Horizontal Well Drainage Area

Rhodes B Federal #7

Drainage Area 25 Acres
Hydraulic Fracture Length 750 Feet



Hydraulic Fracture Plan View

Radius of Drainage Area 407 Feet

Rhodes 23 Federal #1

Horizontal Lateral
Radius of Drainage Area
Drainage Area

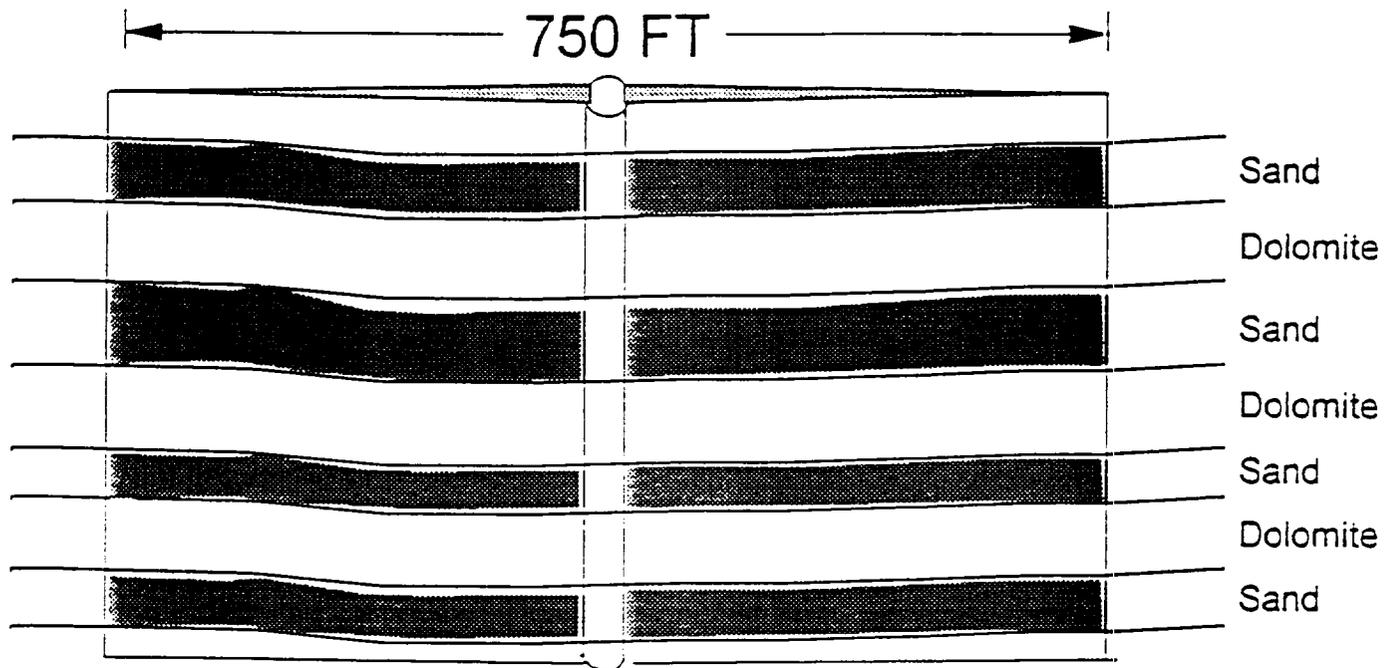
1380 Feet
407 Feet
38 Acres

Rhodes 23 Federal #1

Individual Sand Contact

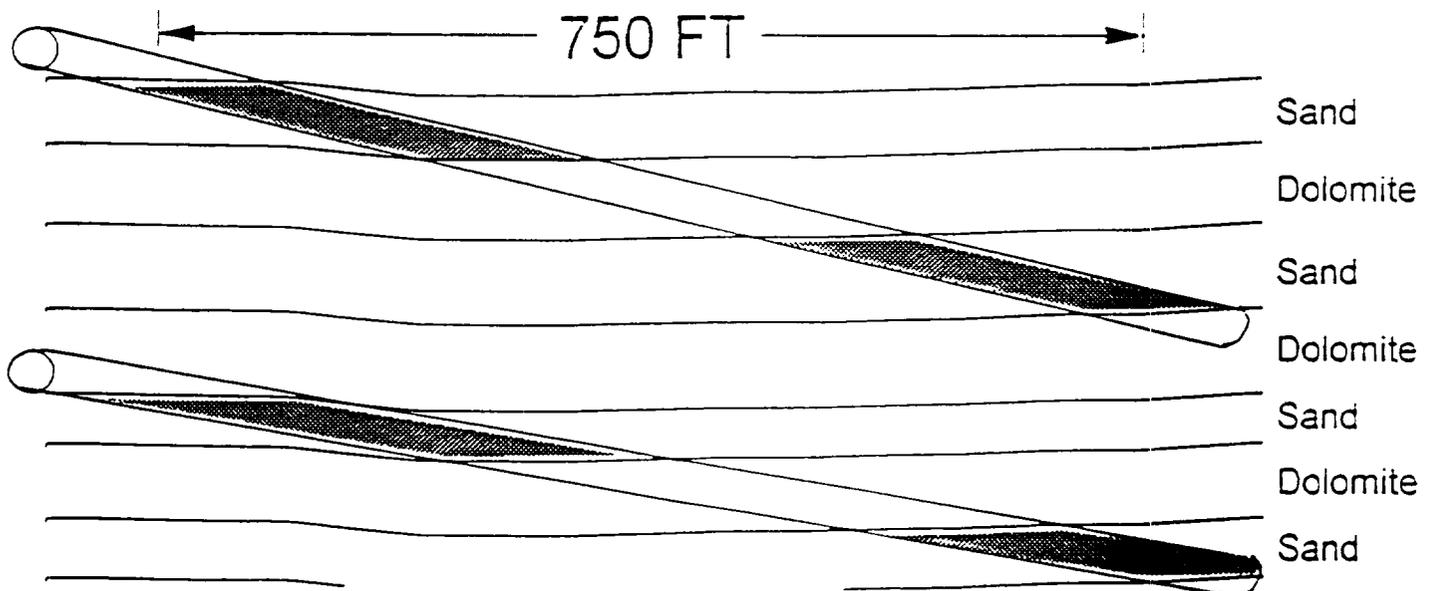
Hydraulic Fractured Wellbore

100% Vertical Contact



Horizontal Wellbore

40% Vertical Contact



Rhodes 23 Federal #1 Horizontal Well Proposal Reserve and Cost Summary

Radius of Drainage Area	407 Feet
Horizontal Lateral	1380 Feet
Average Pay	104 Feet
Individual Sand Contact	40%
EUR	450 MMCF
Investment	\$515M

Rhodes 23 Federal #1

Horizontal Well

Opposition Summary

- Reserve Development Waste

- Investment Waste

- Vertically Discontinuous Sands Make Horizontal Development Inappropriate

- Increased Mechanical Risk

- Wellbore Unstable Using Openhole Completion Methodology

- Artificial Lift Efficiency Reduced

KELLAHIN AND KELLAHIN
ATTORNEYS AT LAW
EL PATIO BUILDING
117 NORTH GUADALUPE
POST OFFICE Box 2265
SANTA FE, NEW MEXICO 87504-2265

TELEPHONE (505) 982-4285
TELEFAX (505) 982-2047

W. THOMAS KELLAHIN*

*NEW MEXICO BOARD OF LEGAL SPECIALIZATION
RECOGNIZED SPECIALIST IN THE AREA OF
NATURAL RESOURCES-OIL AND GAS LAW

JASON KELLAHIN (RETIRED (1991))

November 27, 1996

TO:

**ALL INTERESTED PARTIES ENTITLED TO NOTICE
OF THE HEARING OF THE FOLLOWING NEW MEXICO
OIL CONSERVATION DIVISION CASE:**

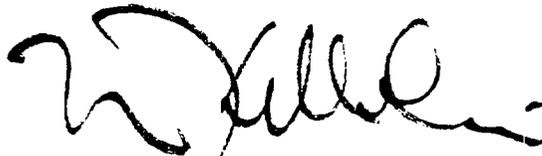
*Re: Application of Burlington Resources Oil & Gas Company
for Compulsory Pooling,
Lea County, New Mexico*

On behalf of Burlington Resources Oil & Gas Company (formerly Meridian Oil Inc.), please find enclosed our application for compulsory pooling for its proposed Rhodes "23" Federal Com Well No. 1 to be located in the SW/4 of Section 23, T26S, R37E, NMPM, which has been set for hearing on the New Mexico Oil Conservation Division Examiner's docket now scheduled for December 19, 1996. The hearing will be held at the Division hearing room located at 2040 S. Pacheco, Santa Fe, New Mexico.

As an interest owner who may be affected by this application, we are notifying you of your right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the application. Failure to appear at the hearing may preclude you from any involvement in this case at a later date.

Pursuant to the Division's Memorandum 2-90, you are further notified that if you desire to appear in this case, then you are requested to file a Pre-Hearing Statement with the Division not later than 4:00 PM on Friday, December 13, 1996, with a copy delivered to the undersigned. Please direct any questions to Leslyn Swierc (915) 688-6800.

Very truly yours,



W. Thomas Kellahin

cc: Burlington Resources Oil & Gas Company
Attn: Leslyn Swierc

P 502 236 517

US Postal Service
Receipt for Certified Mail

No Insurance Coverage Provided

Ruth Sutton
2826 Moss
Midland, Texas 79705

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800 April 1995

P 502 236 520

US Postal Service
Receipt for Certified Mail

No Insurance Coverage Provided

Do not use for International Mail (See reverse)

Larry Nermyr
1C-57
Box 4106
Sidney, Montana 59270

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800 April 1995

Is your **RETURN ADDRESS** completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:
exaco Exploration &
Production Inc.
P.O. Box 3109
Midland, Texas 79702
Attn: Ron Lanning

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)
X [Signature]

4a. Article Number
P 502 236 516

4b. Service Type
 Registered Certified
 Express Mail Insured
 Return Receipt for Merchandise COD

7. Date of Delivery
DEC 02 1996

8. Addressee's Address (Only if requested and fee is paid)

I also wish to receive the following services (for an extra fee):
1. Addressee's Address
2. Restricted Delivery
Consult postmaster for fee.

Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your **RETURN ADDRESS** completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:
James E. Burr
3803 Wedgewood Court
Midland, Texas 79707

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)
X [Signature]

4a. Article Number
P 502 236 518

4b. Service Type
 Registered Certified
 Express Mail Insured
 Return Receipt for Merchandise COD

7. Date of Delivery
DEC 22 1996

8. Addressee's Address (Only if requested and fee is paid)

I also wish to receive the following services (for an extra fee):
1. Addressee's Address
2. Restricted Delivery
Consult postmaster for fee.

Domestic Return Receipt

Thank you for using Return Receipt Service.

PS Form 3811, December 1994

Domestic Return Receipt