

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

811 South First St., Artesia, NM 88210-2835

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco Santa Fe, New Mexico 87505-6429

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A New 3-12-96

APPROVAL PROCESS :

Administrative Hearing

EXISTING WELLBORE

YES NO

Burlington Resources Oil & Gas Company

PO Box 4289, Farmington, NM 87499

Operator

Address

San Juan 27-5 Unit

115M

23-27N-05W

Rio Arriba

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 7454 API NO. 30-039-not assigned Federal State (and/or) Fee

Table with 4 columns: The following facts are submitted in support of downhole commingling, Upper Zone, Intermediate Zone, Lower Zone. Rows include Pool Name, Pay Section, Type of production, Method of Production, Bottomhole Pressure, Oil Gravity, Producing or Shut-In, Production Marginal, and Allocation Formula.

RECEIVED JUN 8 1998 OIL CON. DIV. DIST. 3

- 9. If allocation formula is based upon something other than current or past production...
10. Are all working, overriding, and royalty interests identical in all commingled zones?
11. Will cross-flow occur?
12. Are all produced fluids from all commingled zones compatible with each other?
13. Will the value of production be decreased by commingling?
14. If this well is on, or communitized with, state or federal lands...
15. NMOCD Reference Cases for Rule 303(D) Exceptions...
16. ATTACHMENTS:

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

SIGNATURE Sean Woolverton TITLE: Reservoir Engineer DATE: 06-08-98

TYPE OR PRINT NAME Sean Woolverton TELEPHONE NO. (505) 326-9700

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101
Revised February 21, 1991
Instructions on back
Submit to Appropriate District Office:
State Lease - 4 Copies
Fee Lease - 3 Copies

District II
PO Drawer 30, Artesia, NM 88211-0719

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

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039		*Pool Code 71599/72319		*Pool Name Basin Dakota / Blanco Mesaverde	
*Property Code 7454		*Property Name SAN JUAN 27-5 UNIT			*Well Number 115M
*GRID No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			*Elevation 6534'

¹⁰ Surface Location

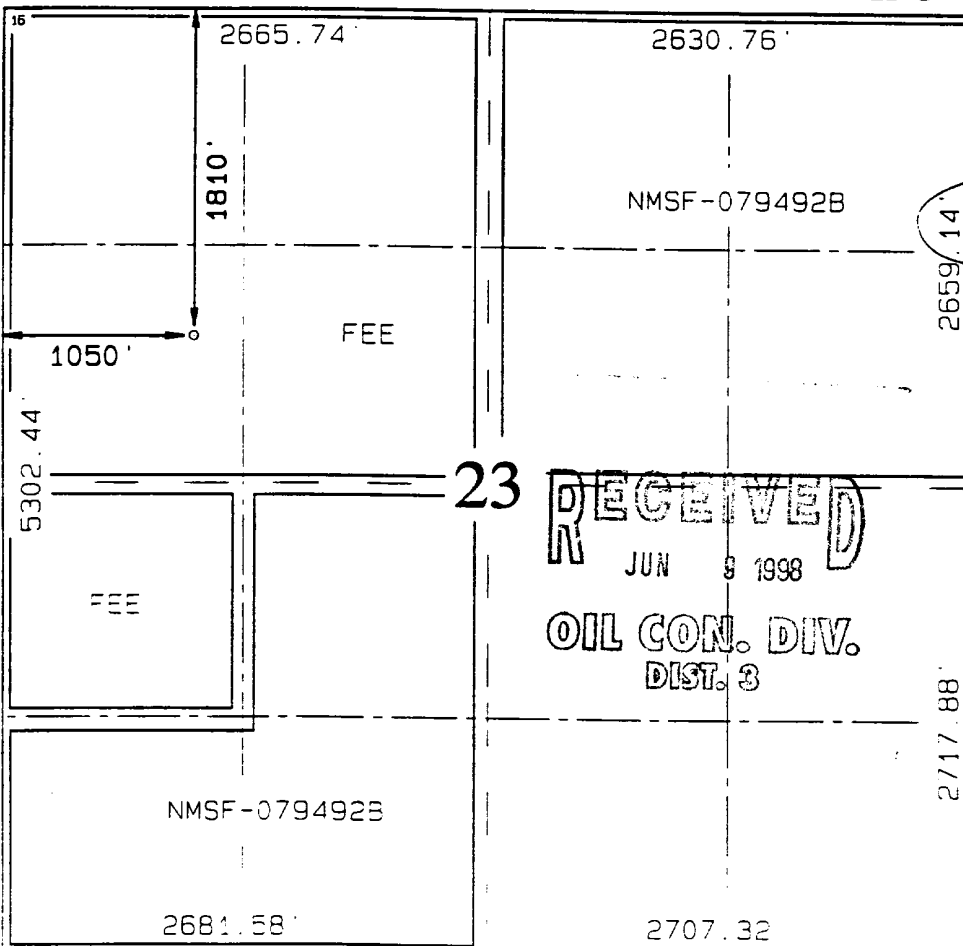
UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
E	23	27N	5W		1810	NORTH	1050	WEST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres N/320 - DK W/320 - MV	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



¹⁷ OPERATOR CERTIFICATION

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

Peggy Bradfield
Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
April 8, 1998
Date

¹⁸ SURVEYOR CERTIFICATION

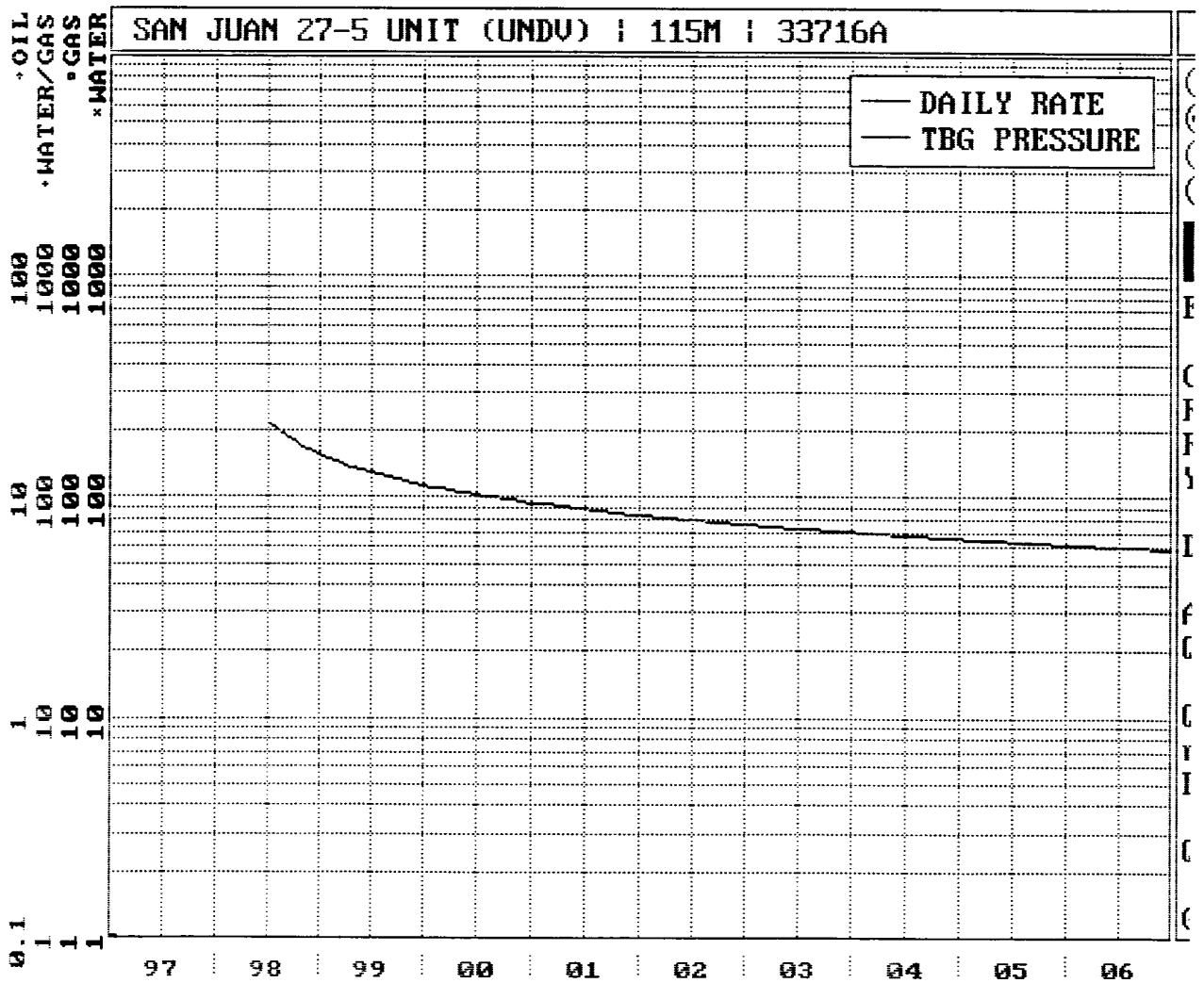
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

MARCH 15, 1998
Date of Survey
Signature and Seal of **NEALE C. EDWARDS**
6857
6857
Certificate Number

San Juan 27-5 Unit #115M

Expected Production Curve

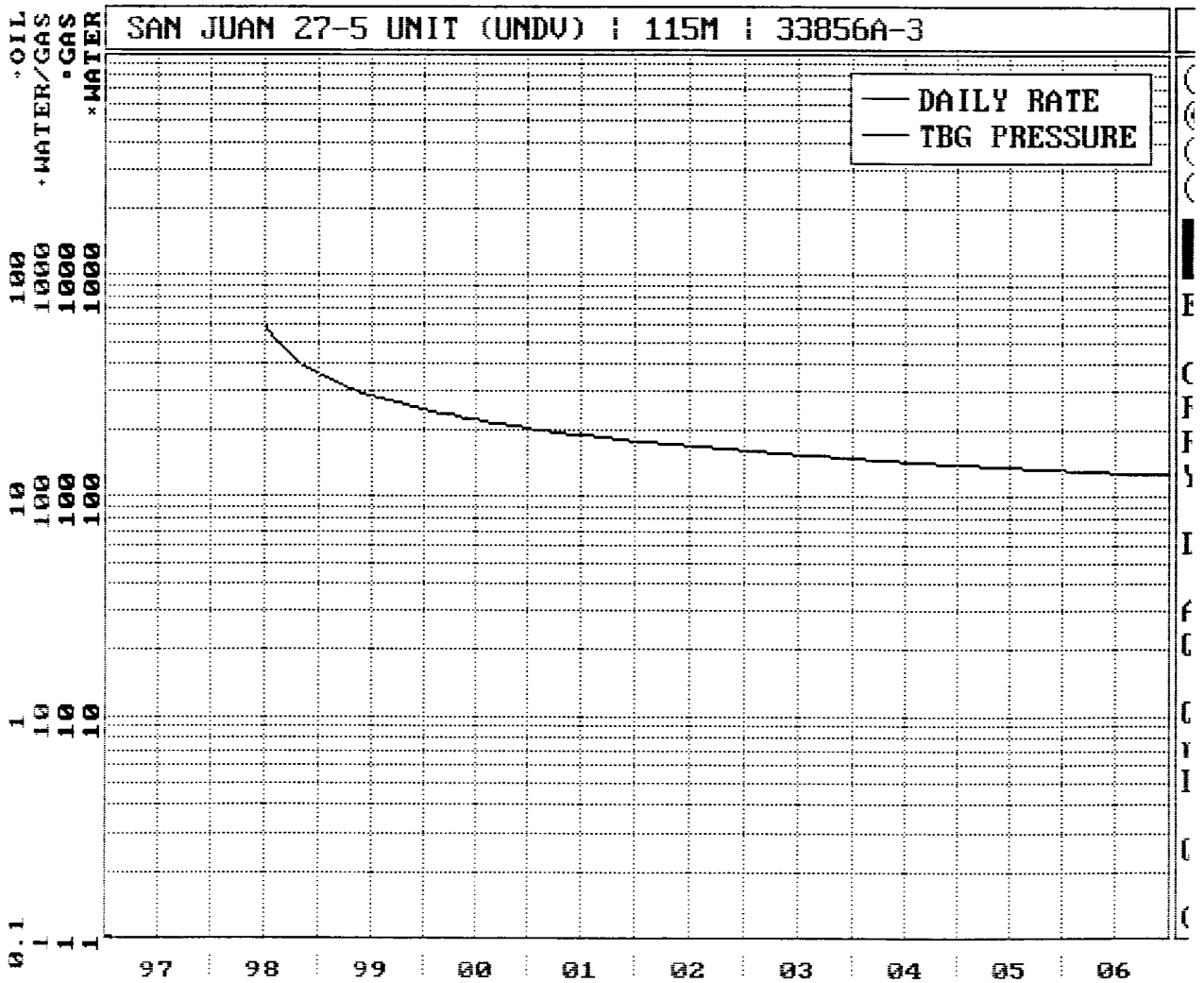
Blanco Mesaverde



San Juan 27-5 Unit #115M

Expected Production Curve

Basin Dakota



San Juan 27-5 Unit #115M

Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

Mesaverde	Dakota																																																
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San Juan 27-5 # 115m
Dakota Offset

--DATE-- M SIWHP
:Psi:

07/31/69	2684.0	-original
11/05/69	1616.0	
10/07/70	1891.0	
07/22/71	1033.0	
06/06/72	906.0	
07/19/73	928.0	
05/22/75	924.0	
07/06/77	867.0	
05/01/79	871.0	
05/04/81	816.0	
09/13/83	961.0	
06/04/85	877.0	
06/28/88	998.0	
04/22/90	793.0	
05/28/92	813.0	-current

Page No.: 1
Print Time: Thu Jan 29 15:47:00 1998
Property ID: 3824
Property Name: SAN JUAN 27-5 UNIT | 16 | 49640A-1
Table Name: K:\ARIES\RR98PDP\TEST.DBF

San Juan 27-5 # 115m
Mesa Verde Offset

--DATE-- M SIWHP
:Psi:

11/07/56	1121.0	- original
11/30/56	1120.0	
07/30/57	806.0	
11/06/58	670.0	
09/22/59	697.0	
05/29/60	711.0	
09/13/61	682.0	
08/06/62	744.0	
07/16/63	758.0	
09/28/64	782.0	
10/25/65	743.0	
04/19/66	782.0	
11/24/67	692.0	
05/02/68	571.0	
08/28/70	566.0	
04/08/71	539.0	
08/09/72	519.0	
12/01/81	600.0	
10/20/86	534.0	
09/08/89	620.0	
07/28/91	644.0	
07/30/91	632.0	- current

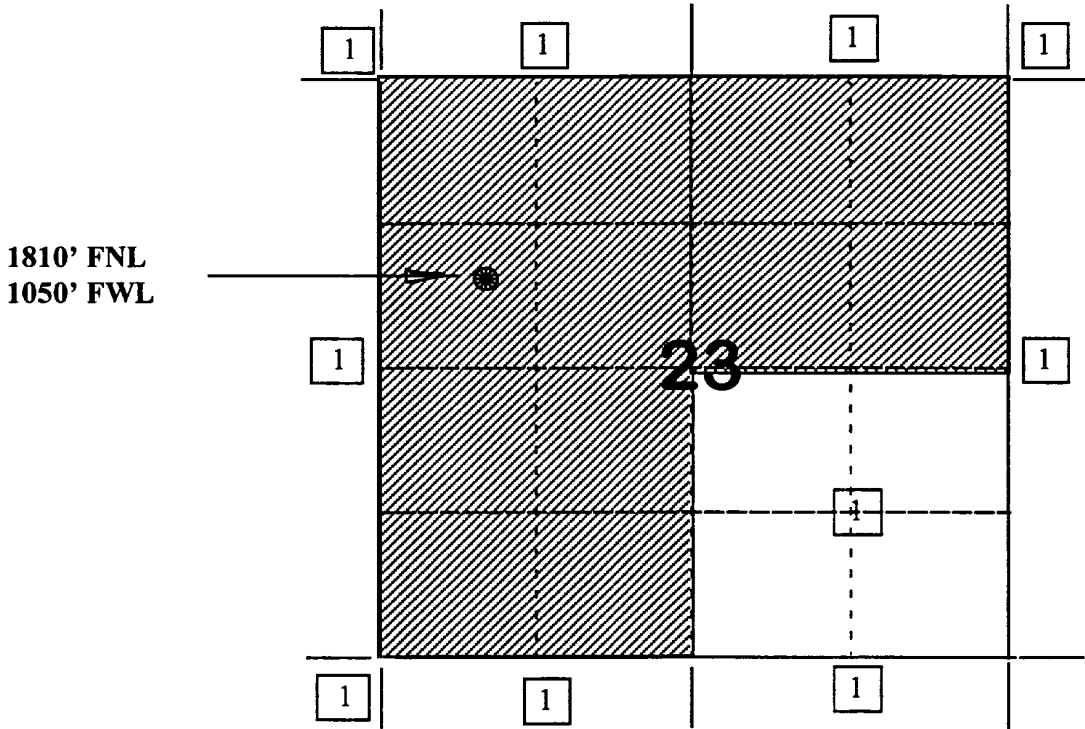
BURLINGTON RESOURCES OIL AND GAS COMPANY

San Juan 27-5 Unit #115M

OFFSET OPERATOR/OWNER PLAT

Mesaverde (W/2) / Dakota (N/2) Formations Commingle Well

Township 27 North, Range 5 West



1) Burlington Resources