

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

611 South First St., Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd, Azusa, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-8429

APPLICATION FOR DOWNHOLE COMMINGLING

1419
OIL CONSERVATION DIVISIONForm C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

Burlington Resources Oil & Gas Company

P.O. Box 51810 Midland, Texas 79710-1810

OGRID NO. Jack Tank '8' Federal

2

Sec. 8, T24S, R32E

Lea

Well No.

Unit Cr. - Sec. - Twp. - Rge

County

OGRID NO. 26485

Property Code

15100

API NO.

30-025-32192

Spacing Unit Lease Types: (check 1 or more)

Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	Mesa Verde Delaware 96191		Mesa Verde Bone Spring 96229
2. Top and Bottom of Pay Section (Perforations)	7280' - 7298'		9652' - 9812'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current) 910 b. (Original) 2925	a. b.	a. 1930 b. b3485
6. Oil Gravity (° API) or Gas BTU Content	41.0687		41.2
7. Producing or Shut-In?	Producing		Below CIBP @ 9490' w/20' cmt
Production Marginal? (yes or no)	Yes		Yes
* If Shut-In, give 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: 3/95 Rates: 11 oil, 25 mcf, 22 water
* If Producing, give date and oil/gas/water rates of recent test (within 90 days)	Date: 10/96 Rates: 3 oil, 3 mcf, 40 water	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 30 % Gas: 20 %	Oil: % Gas: %	Oil: 70 % Gas: 80 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15. NMOCD Reference Cases for Rule 303(C) Exceptions:

ORDER NO(S).

16. 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 all offset operators.
- * Notification list of working, overriding, and royalty interests for uncommon interest cases.
- * Any additional statements, data, or documents required to support commingling.

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

SIGNATURE

TITLE

Regulatory Compliance

DATE

11/6/96

TYPE OR PRINT NAME

Donna Williams

TELEPHONE NO. (915)

688-6943

District I
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

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

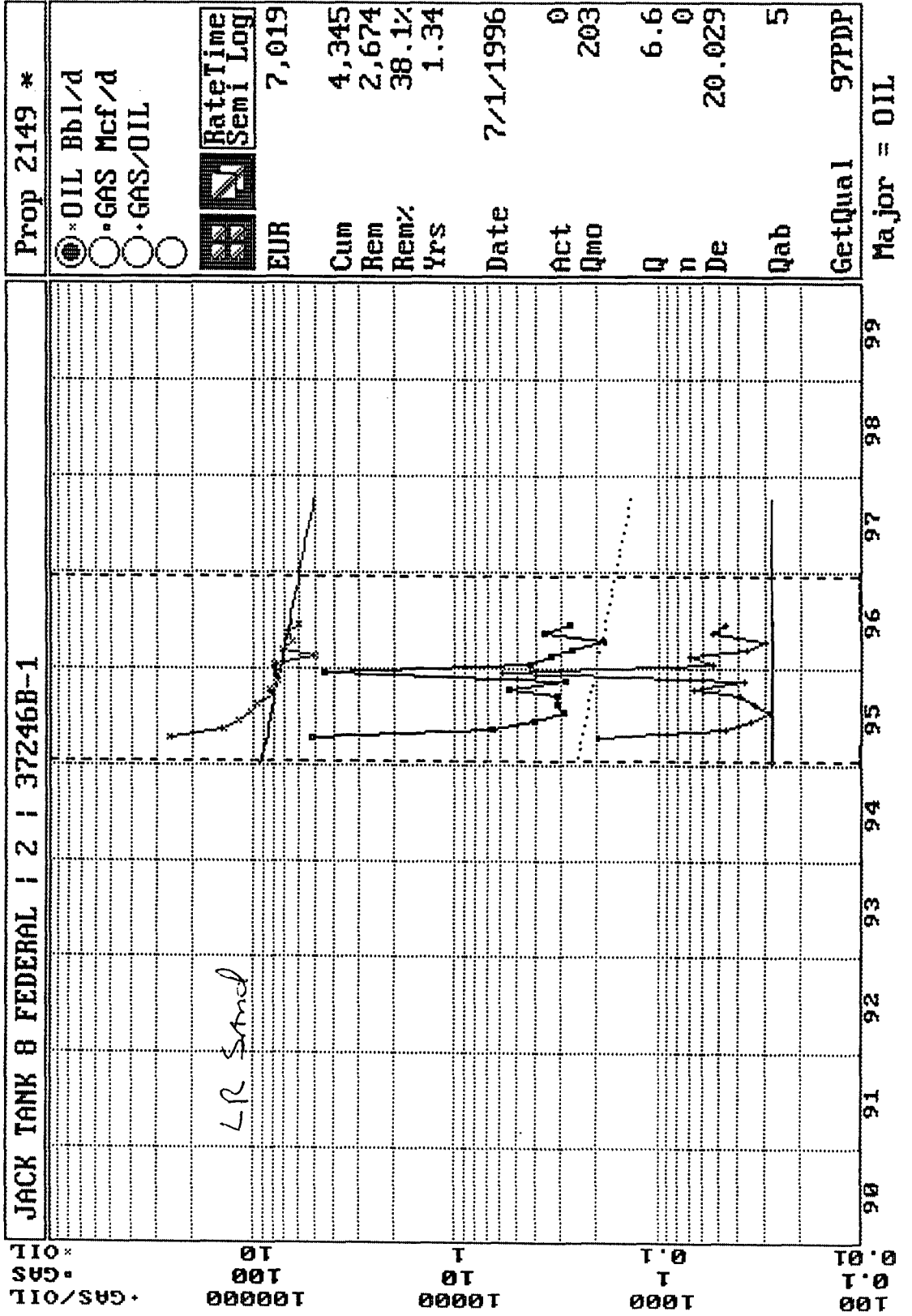
¹ API Number 30-025-32192		² Pool Code 96191		³ Pool Name Mesa Verde Delaware	
⁴ Property Code 15100		⁵ Property Name Jack Tank '8' Federal			⁶ Well Number No. 2
⁷ OGRID No. 26485		⁸ Operator Name Burlington Resources Oil & Gas Company			⁹ Elevation 3594'

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
	8	24S	32E		2180'	North	660'	West	Lea

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 40		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

**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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Donna Williams Printed Name Regulatory Compliance Title 11/6/96 Date			
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyer: Certificate Number			



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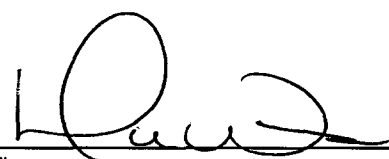
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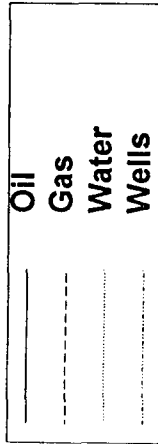
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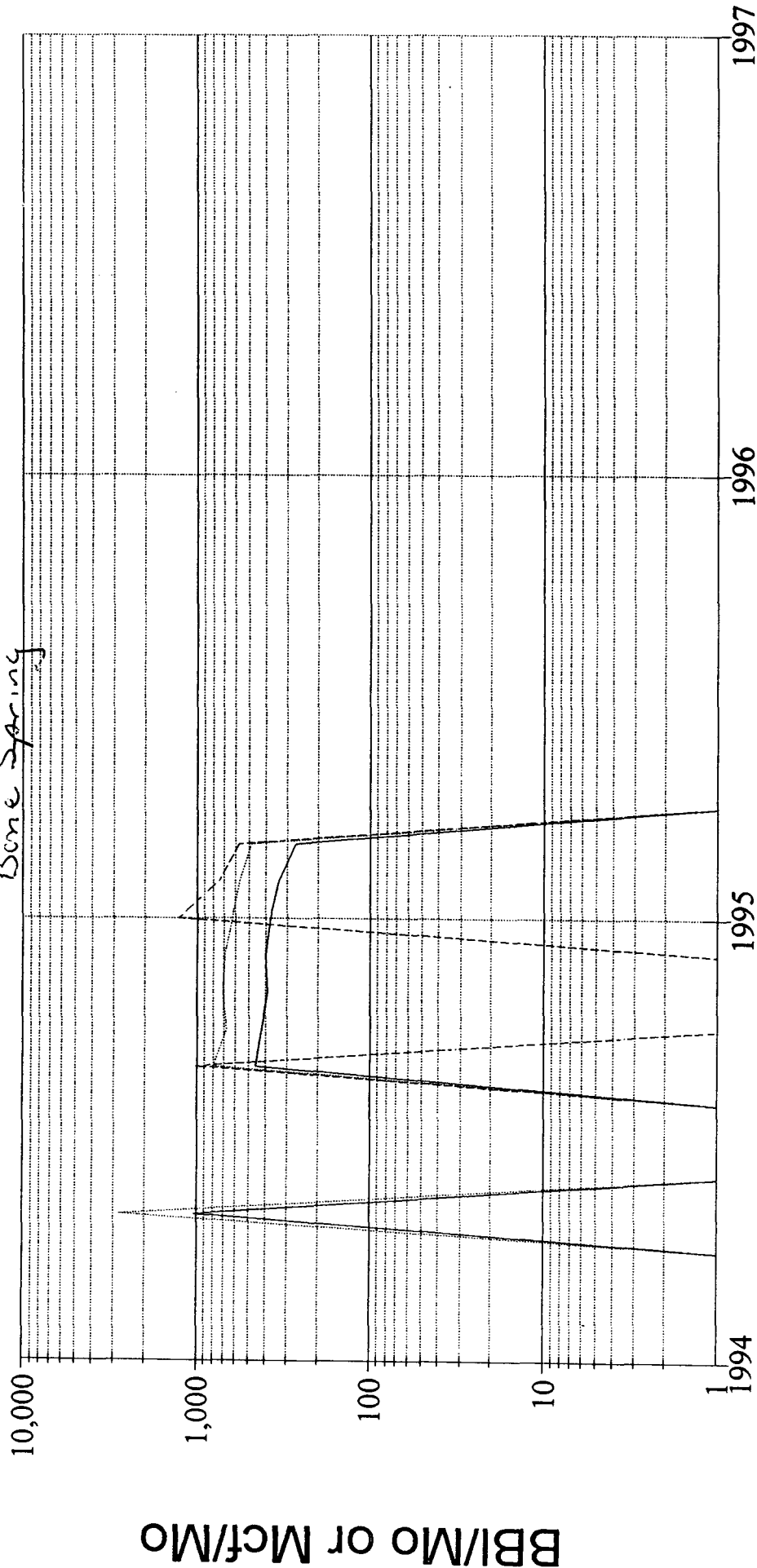
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Field: MESA VERDE
 Lease: JACK TANK 8 FEDERAL | Well #2
 Operator: MERIDIAN OIL INCORPORATED
 Production Rate vs Time
 For the Period 05/1994 to 03/1995 | API: 30025321920000

Bone Spring



Time

Reported Oil Production = 3,688 Bbls
 Reported Gas Production = 3,614 Mcf
 Reported Water Production = 7,337 Bbls

BURLINGTON RESOURCES OIL & GAS COMPANY
APPLICATION FOR ADMINISTRATIVE APPROVAL
DOWNHOLE COMMINGLING
JACK TANK '8' FEDERAL WELL NO. 2
LEA COUNTY, NEW MEXICO

Exxon Company, U.S.A.
Box 1600
Midland, Texas 79702

Santa Fe Energy Resources, Inc.
550 W. Texas Ave., Ste. 1330
Midland, Texas 79701

Yates Petroleum Corporation
105 S. 4th
Artesia, New Mexico 88210

Sonat Exploration Company
4 Greenway Plaza
Houston, Texas 77046

Oryx Energy Company
Box 2880
Dallas, Texas 75221-2880

Chevron USA Production Company
Box 1150
Midland, Texas 79702

Louis Dreyfus Natural Gas Corp.
14000 Quail Springs Parkway, Ste. 600
Oklahoma City, Oklahoma 73134-2600

Burlington Resources Oil & Gas Company
P.O. Box 51810
Midland, Texas 79710-1810

Bureau of Land Management
620 E. Greene Street
Carlsbad, New Mexico 88220

