

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
P.O. Box 1980
Hobbs, NM 88241

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
NM35825 - NM 55453

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Burlington Resources Oil & Gas Company

3. Address and Telephone No.

P.O. Box 51810, Midland, TX 79710-1810 915-688-6943

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2180' FNL & 660' FWL
Sec. 8, T24S, R32E

**SUBJECT TO
LIKE APPROVAL
BY STATE**

8. Well Name and No.
Jack Tank '8' # 2
Federal

9. API Well No.
30-025-32192

10. Field and Pool, or exploratory Area
Mesa Verde Delaware
Mesa Verde Bone Spring

11. County or Parish, State
Lea NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Downhole Commingle
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Burlington Resources respectfully requests approval to downhole commingle the above referenced well. Please see attached application.

NOV 12 9 51 AM '96
RECEIVED

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Regulatory Compliance Date 11/6/96

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA Title PETROLEUM ENGINEER Date 11/29/96
Conditions of approval, if any:

DISTRICT I
P.O. Box 1860, Hobbs, NM 88240

DISTRICT II
511 South First St., Artesia, NM 88210

DISTRICT III
1000 Red Bluff Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

APPROVAL PROCESS:

Administrative Hearing

EXISTING WELLBORE

YES NO

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil & Gas Company
OGRID NO. 26485 Property Code 15100 API NO. 30-025-32192

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

Jack Tank '8' Federal # 2
Well No. Sec. 8, T24S, R32E

Lea County
Lea County

Operating Unit Lease Types: (check 1 or more)
Federal State (Landlord) 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	a.	a. 1930
	b. (Original) 2925	b.	b. 3485
6. Oil Gravity (^o 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 Date: _____ Rates: _____	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?
If not, have all working, overriding, and royalty interests been notified by certified mail?
Have all offset operators been given written notice of the proposed downhole commingling? Yes No
 Yes No
 Yes No
11. 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 No
13. 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 Donna Williams 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

State of New Mexico
 Energy, Minerals & Natural Resources Department

Form C-102
 Revised February 10, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

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

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

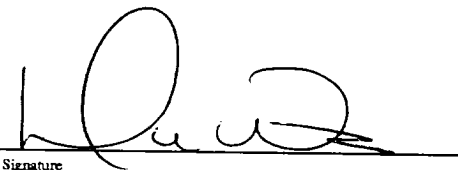
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
	8	24S	32E		2180'	North	660'	West	Lea

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.
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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>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

JACK TANK 8 FEDERAL 1 2 1 37246B-1

• GAS/OIL
• GAS
• OIL

Prop 2149 *

- OIL Bbl/d
- GAS Mcf/d
- GAS/OIL

Rate Time
Semi Log

EUR 7,019
Cum 4,345
Rem 2,674
Rem% 38.1%
Yrs 1.34

Date 7/1/1996

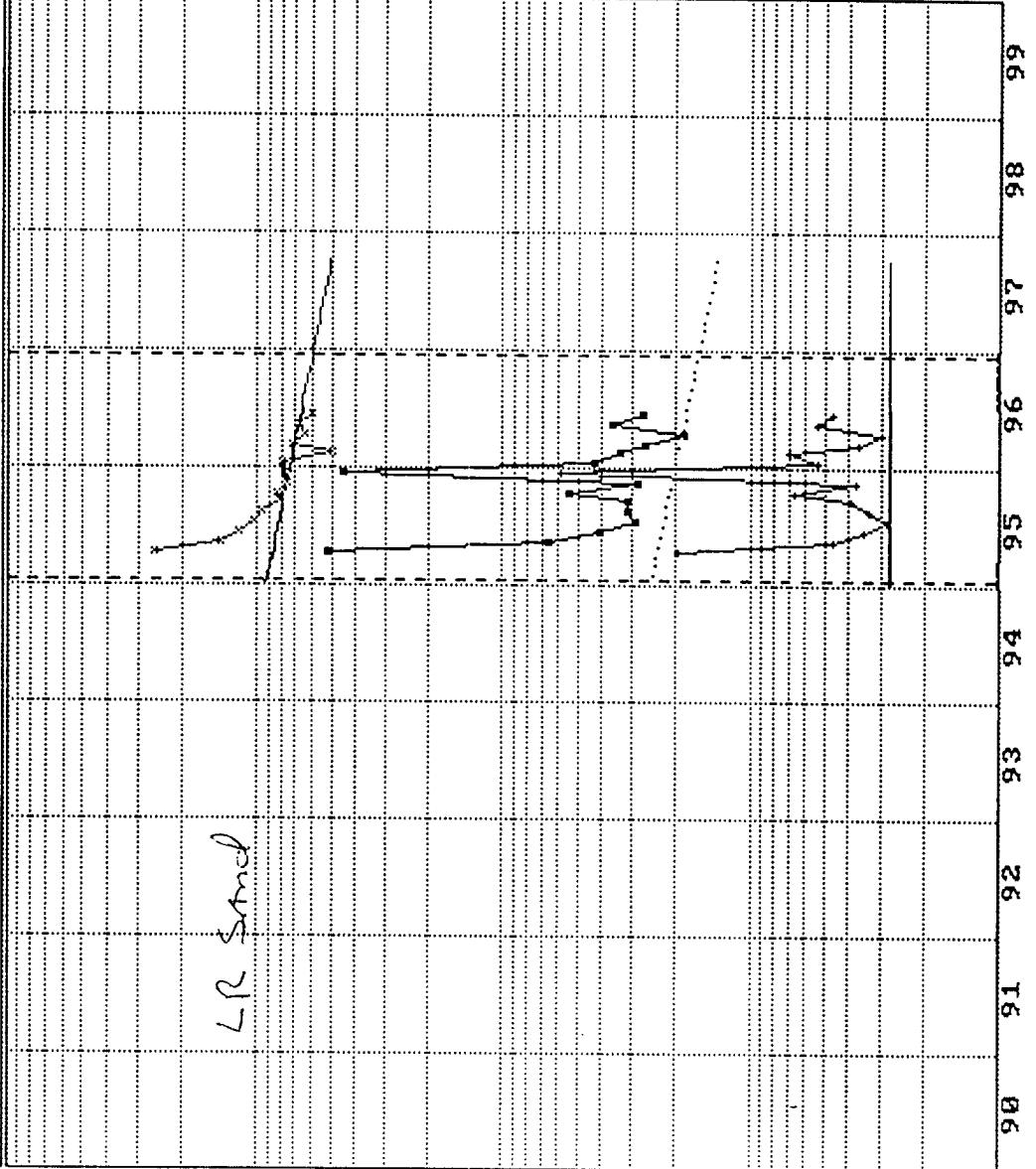
Act 0
Qmo 203

Q 6.6
n 0
De 20.029

Qab 5

GetQual 97PDP

Major = OIL



LR Stand

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State of New Mexico
 E. y, Minerals & Natural Resources Department

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

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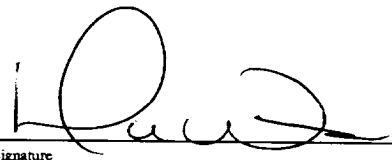
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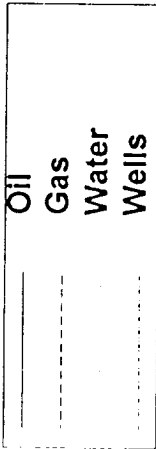
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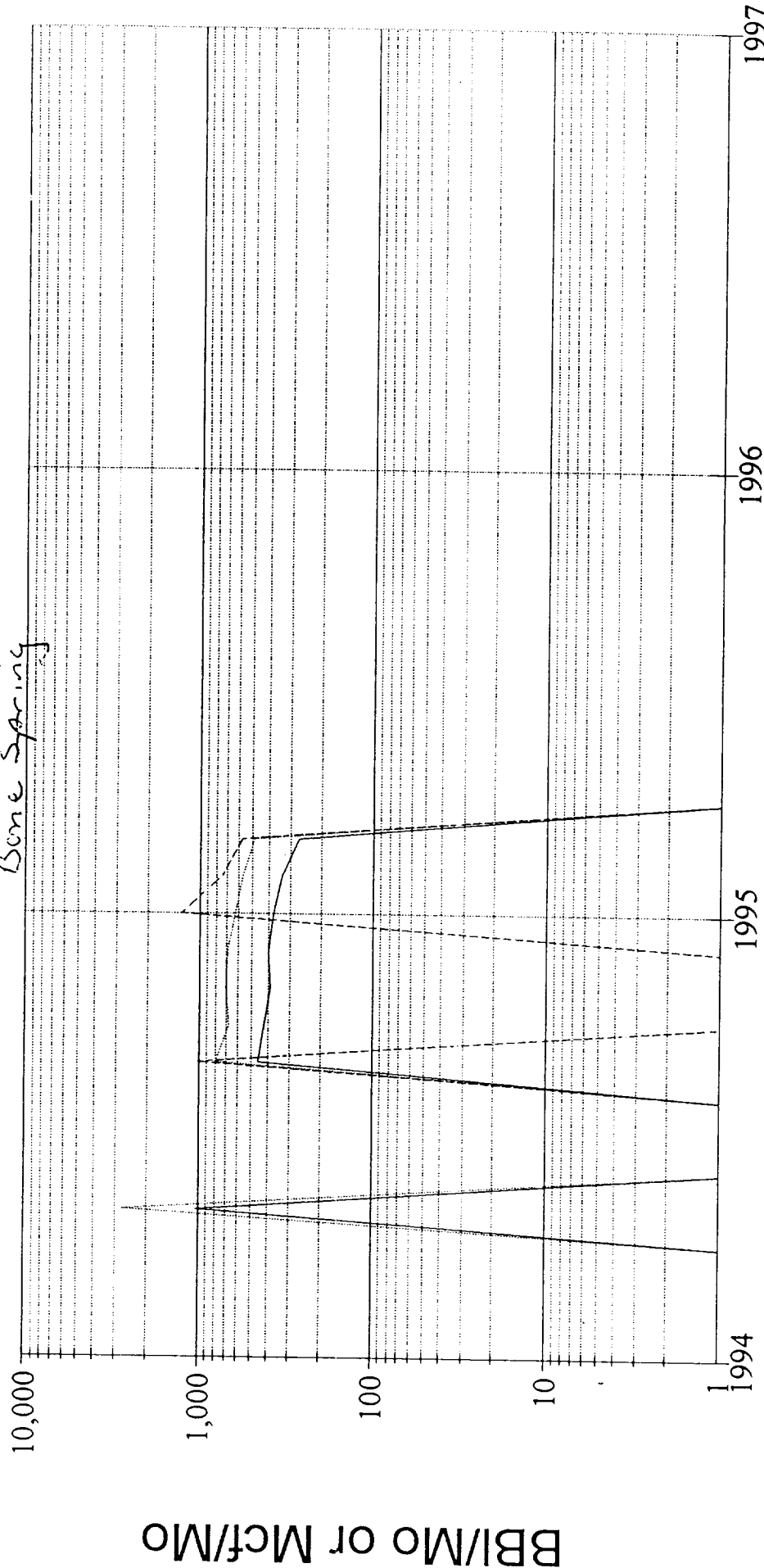
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					Certificate Number



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

