

12/15/97

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II
811 S. 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
NOV 24 1997
OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 875054-6429
1773

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 P.O. Box 51810 Midland, TX 79710-1810
Operator Address

REDCHECKER 14 FEDERAL 1 P 14 T22S R32E LEA
Lease Well No. Unit Ltr. - Sec - Twp - Rge County

OGRID NO. 26485 Property Code 16212 API NO. 30-025-32764
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 Zone	Lower Zone
1. Pool Name and Pool Code	WEST RED TANK DELAWARE 51689		RED TANK BONE SPRING 51683
2. Top and Bottom of Pay Section (Perforations)	4958' - 4966' 8490' - 8518'		9830' - 9860'
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) 1200 PSI	a.	a. 2087
	b. (Original) 3480 PSI	b.	b. 3900 PSI EST.
6. Oil Gravity (°API) or Gas BTU Content)	40 DEG		40 DEG
7. Producing or Shut-In?	PROD.		TO BE COMPLETED
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: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 10-20-97 Rates: 14 BOPD, 24 BWP, 40 MCFPD	Date: Rates:	Date: TO BE COMPLETED Rates: SEE ATTACHED
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 65% Gas: 70%	Oil: % Gas: %	Oil: 35% Gas: 30%

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 in 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(D) 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 Maria L. Perez TITLE REGULATORY REP. DATE 11-19-97

TYPE OR PRINT NAME MARIA L. PEREZ TELEPHONE NO. (915) 688-6906

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State of New Mexico
 Energy, Minerals & Natural Resources Department

Form C-102
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-32764		² Pool Code 51683		³ Pool Name RED TANK BONE SPRING	
⁴ Property Code 16212		⁵ Property Name REDCHECKER 14 FEDERAL			⁶ Well Number 1
⁷ OGRID No. 26485		⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			⁹ Elevation 3742'

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
P	14	22S	32E		330'	SOUTH	990'	EAST	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

	<p>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></p> <p style="text-align: right;"><i>Maria L. Perez</i> Signature MARIA L. PEREZ Printed Name REGULATORY REPRESENTATIVE Title 11-19-97 Date</p>
	<p>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></p> <p>Date of Survey Signature and Seal of Professional Surveyer:</p>
	<p>Certificate Number</p>

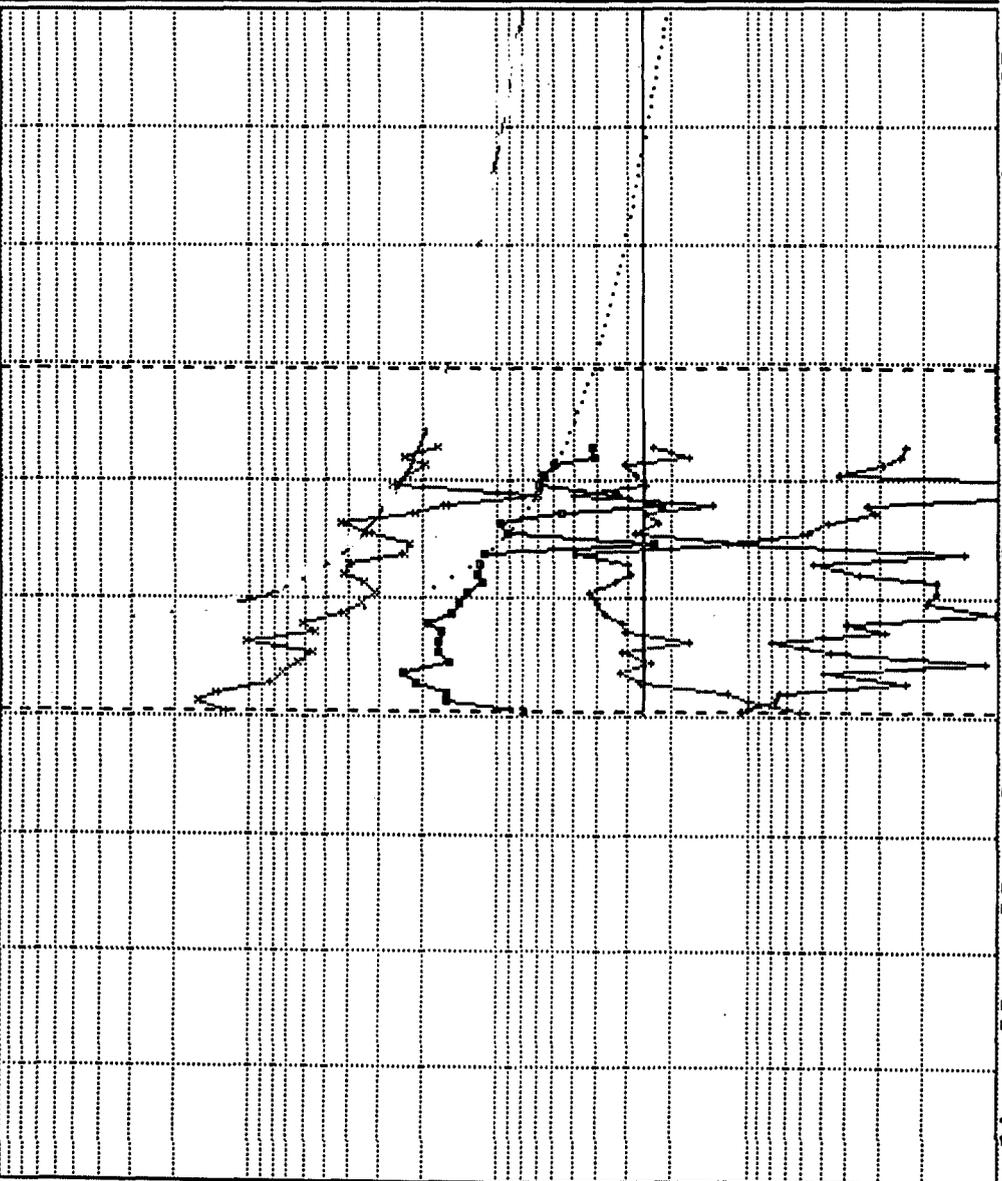
REDCHECKER 14 FEDERAL I 1 I 57431A-1

• WATER
• GAS/OIL
• GAS
• OIL

Prop 4950 *

- OIL Bbl/d
- GAS Mcf/d
- GAS/OIL
- WATER Bbls/d

RateTime
 Semi Log



EUR
Cum 47,559
Rem
Rem%
Yrs
Date 1/1/1998
Act 0
Qmo 479
Q n De
Qab
GetQual 98PDP

Major = OIL

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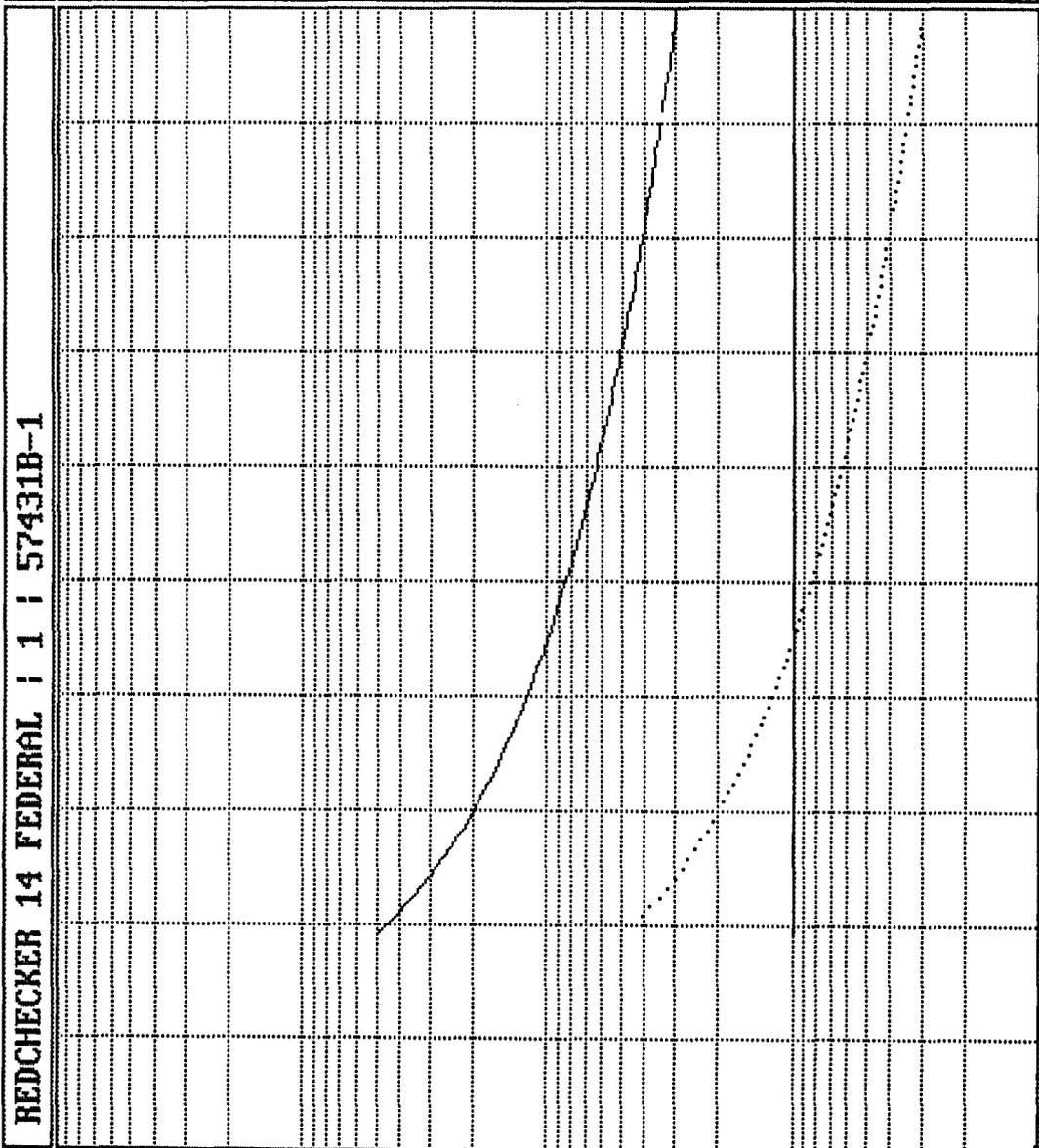
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	<p>_____ Certificate Number</p>

- WATER - 10000 1000 100 10

WATER
 GAS/OIL
 GAS
 OIL

10000
 10000
 10000
 10000
 10000
 10000
 10000
 10000

REDCHECKER 14 FEDERAL i 1 i 57431B-1



Prop 44	
<input checked="" type="checkbox"/> OIL Bbl/d	
<input type="checkbox"/> GAS Mcf/d	
<input type="checkbox"/> GAS/OIL	
<input type="checkbox"/> WATER Bbls/d	
	Rate Time Semi Log
EUR	32,813
Cum	0
Rem	32,813
Rem%	100.0%
Yrs	10.5
Date	12/1/1997
Act	0
Qmo	1,475
Q	50
n	0.75
De	70
Qab	2
GetQual	PROD

Major = OIL