	199 SUSPENSE 7/26/99 ENGINEER DC LOGGED KN TYPE	DHC
	ABOVE THIS LINE FOR DIVISION USE ONLY	
	NEW MEXICO OIL CONVERVATION DIVISION	403
	- Engineering Bureau -	
	ADMINISTRATIVE APPLICATION COVERSHEET	
Applicatio	THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS Acronyms:	3
	[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS-Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]	
	[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response	归
[1]	[A] Location - Spacing Unit - Directional Drilling [A] NSL NSL NSP DD SD	99 9 - E
	Check One Only for [B] or [C] [B] Commingling - Storage - Measurement ☑ DHC □ CTB □ PLC □ PC □ OLS □ OLM	
	[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery	
[2]	NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does N [A] Working, Royalty or Overriding Royalty Interest Owners	ot Apply
	[B] Offset Operators, Leaseholders or Surface Owner	
	[C]	
	[D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office	
	[E]	or,
	[F]	
[3]	INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understa I hereby certify that I, or personnel under my supervision, have read and complied with all appli Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached appli for administrative approval is accurate and complete to the best of my knowledge and where ap verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.	cable lication oplicable, s are

155 A 1

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Note: Statement must be completed by an individual with supervisory capacity.

Doug O'Neil	atter	Region Production Manager	6/30/99
Print or Type Name	Signature	Title	Date

2000 Post Oak Boulevard / Suite 100 / Houston, Texas 77056-4400



(713) 296-6000

June 30, 1999

Attn: David Catanach State of New Mexico – Oil Conservation Division 2040 S. Pacheco Santa Fe, New Mexico 87505

Re: Application to Downhole Commingle Rinewalt No. 3 Drinkard Pool (19190) and Wantz Abo Pool (62700) Lea County, New Mexico

Apache Corporation would like to request administrative approval to downhole commingle the referenced pools in the Rinewalt # 3 well.

To support this request we submit the following:

- 1) New Mexico OCD Form C-107A
- 2) New Mexico OCD Form C-102 for Drinkard Pool
- 3) New Mexico OCD Form C-102 for Wantz ABO Pool
- 4) Production Curve for Rinewalt # 3 in the Drinkard Pool
- 5) Production Curve for Rinewalt # 3 in the Wantz Abo Pool prior to being TA'd in 11/72 as well as current production curves for Brunson B # 1 & R L Brunson # 2 in the Wantz ABO Pool
- 6) Explanation of method for determining Allocation formula

- 7) Copy of letter sent (by Certified Mail) to Offset operators within one-half mile of Rinewalt # 3
- 8) Map of location with one-half mile radius marked
- 9) Well Bore Diagrams of current completion and proposed completion

If you have any questions or require additional information regarding this application, please contact me at 713-296-6338. Thank you.

Sincerely,

APACHE CORPORATION 20 Jual 10

Debra J. Anderson Sr. Engineering Technician

Attachments

cc: New Mexico Oil Conservation Division
 District I
 1625 N. French Drive
 Hobbs, New Mexico 88240

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Apache Corporation Rinewalt 3 nil Letter F Section 4 Township 22S Range 37E NMPM Lea 1980 feet from the North lies and 1980 feet from the West line 1980 feet from the North lies and Drinkard (19190) 40 1. Outlies the screage dedicated to the well, cullice each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the lastered of all owners been consolidated by communitization, unlization, forced-pooling, or otherwise) 1 Yes No If sarwer is "yes" type of consolidation If sarwer is "yes" type of consolidation If sarwer is "yes" type of consolidation 1 If answer is "yes" type of consolidation If sarwer is "yes" type of ownership is a dedicated to the well, have been assolidated. (Use reverse aide of the form the indicated track as been approved by the Division If sarwer is "yes" the the sarwer is "yes" type of ownership is sarwer is "yes" the the sarwer is "yes" the sarwer is "yes" the sarwer is "yes" the sarwer is "yes" the sar		Well No.	We				1+	Rinewa		Lease				on	mati	orno	~ C	\na ah	ator
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Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico Energy, Minerals and Natural Resources Department

,

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

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Allocation Formula Explanation

Rinewalt #3

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Drinkard Pool (19190)			
	Oil	Gas	Water
5/15/99	3	75	1

Wantz Abo Pool (67200)

The Abo interval in the Rinewalt No. 3 well was abandoned in December 1972 making 2 BOPD x 65 MCFD. The well is offset to the south by two recent Abo completions: R.L. Brunson No. 2 (1 BOPD x 400 MCFD) and Brunson Argo No. 20 (20 BOPD x 110 MCFD). Both of these wells are perforated in the lower Abo which is not open in the Rinewalt No. 3. An initial rate of 5 BOPD x 100 MCFD is expected.

Rinewalt No. 3 Downhole Commingle Application Offset Operators

Arch Petroleum 802 E. Texas Eunice, New Mexico 88231 Certified Rcpt. # Z 116 148 813 Cross Timbers Operating Company 3000 N. Garfield, Suite 250 Midland, Texas 79705 Certified Rcpt. # Z 116 149 273

BEC Corporation 110 N. Marienfeld, Suite 370 Midland, Texas 79702 Certified Rcpt. # Z 116 148 814 Texaco E&P Inc. 205 E. Bender Blvd. Hobbs, New Mexico 88240 Certified Rcpt. # Z 116 149 274

Chevron USA Inc. P O Box 1150 Midland, Texas 79702 Certified Rcpt. # Z 116 148 815

Collins & Ware 303 W. Wall, Suite 2200 Midland, Texas 79701 Certified Rcpt. # Z 116 148 816 Wiser Oil Company 3504 N. West County Rd. Hobbs, New Mexico 88241 Certified Rcpt. # Z 116 149 275

Zia Energy 1234 W. Broadway Place Hobbs, New Mexico 88241 Certified Rcpt. # Z 116 149 276 DISTRICT I

7.

Gas BTU Content

Producing or Shut-In? Production Marginal? (Yes or No)

If Shut-In, give date and oil/gas/

If Producing, give date and oil/gas/

Formula - % for each zone

water rates of last production

Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data

water rates of recent test

(within 80 days) 8. Fixed Percentage Allocation

1625 N. French Drive, Hobbs, NM 88240 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 DISTRICT III 1000 Rio Brazos 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

APPLICATION FOR DOWNHOLE COMMINGLE

APPROVAL PROCESS: Administrative Hearing EXISTING WELLBORE 🗹 Yes 🗌 No

Apache Corp	oration		2000 Post Oak	2000 Post Oak Blvd., Suite 100 - Rm 365A, Houston, Texas 77056-4400							
Operator			Address								
Rinewalt		3	F / 4 / T-22S / R	-37E		Lea					
Lease		Well No.	Unit LtrSec-Tw	p-Rgn		County					
					Spacing Unit Lease Type		🗹 Fee				
OGRID NO.	000873	Property Code	23110 API No.	30-025-10036							
The following	facts are subm	itted in	Upper		Intermediate	Low	er				
support of dov	wnhole commin	gling:	Zone		Zones	Zon	ie				
1. Pool Name	e and		AD \$ 240 6000	6ar		62700	187 BOPD 6000				
Pool Cod	e		Drinkard (19190) 852 mcF			Wantz Abo (67200)	1122 MUF				
2. Top and B	ottom of Pay					1					
Section (Perforations)		6405 - 6616			6714 - 7293					
3. Type of pr	oduction										
(Oil or Ga	as)		Oil			0il					
4. Method of	Production										
	or Artificial Lift)	Artificial Lift			Artificial Lift					
Bottomhole	e Pressure		a. (Current)	a.		a.					
Oil Zones - Ar	rtifical Lift:										
Estimated Current			600			2100					
Gas & Oil - Fl	owing:										
Measured Current			b. (Original)	b.		b.					
All Gas Zones	5:		1								
Estimated or	Measured Orig	inal									
6. Oil Gravity	(°API) or										

Date:

Rates

5/15/99 Date:

Oil:

3 x 75 x 1 Rates:

40%

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.

40%

38

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?

Producing

Yes

Date:

Rates:

Date:

Oil:

Rates:

🗹 Yes 🗌 No Yes No 🗸 Yes 🗌 No

Shut-In

Yes

Date:

Rates:

Date:

Oil:

Rates:

35.1

Gas:

60%

11/30/72

60%

2 x 65 x 0

11. Will cross-flow occur?	🗌 Yes 🗹 No	If yes, are fluids compatible, will the formations be undamaged, will any cros

Gas:

flow production be recovered and will the allocation formula be reliable. L No (If No, attach explanation) 🗹 Yes 🗌 No

12. Are all produced fluids from all commingled zones compatible with each other? No No ☐ Yes (If Yes attach

13. Will the value of production be decreased by commingling? If this well is on or communitized with state or federal lands, either the Commissioner of Public Lands of

14. Bureau of Land Management has been notified in writing of this application. 15. NMOCD Reference Cases for Rule 303(C) Exceptions:

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-counting that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE CONTRACTOR CONTRACTOR		Sr. Engineering Technician	DATE	6/30/99
TYPE OR PRINT NAME Debra J. Anderson	,	TELEPHONE NO.	713-296-6338	

Form C-107A New 3-12-96

(If Yes, attach e	explanation)
r the United Sta	ates
Yes No	
Order No.s	

Gas:

%

%

2000 Post Oak Boulevard / Suite 100 / Houston, Texas 77056-4400

(713) 296-6000

June 30, 1999

Offset Operators

Re: Application to Downhole Commingle Rinewalt No. 3 Drinkard Pool (49210) and Wantz Abo Pool (62700) Lea County, New Mexico

Attached please find a copy of an Application to Downhole Commingle the referenced pools in the Rinewalt # 3 that Apache Corporation has filed with the New Mexico Oil Conservation Division. If you have an objection to this application, you must notify the OCD in writing within 20 days from the date of this letter.

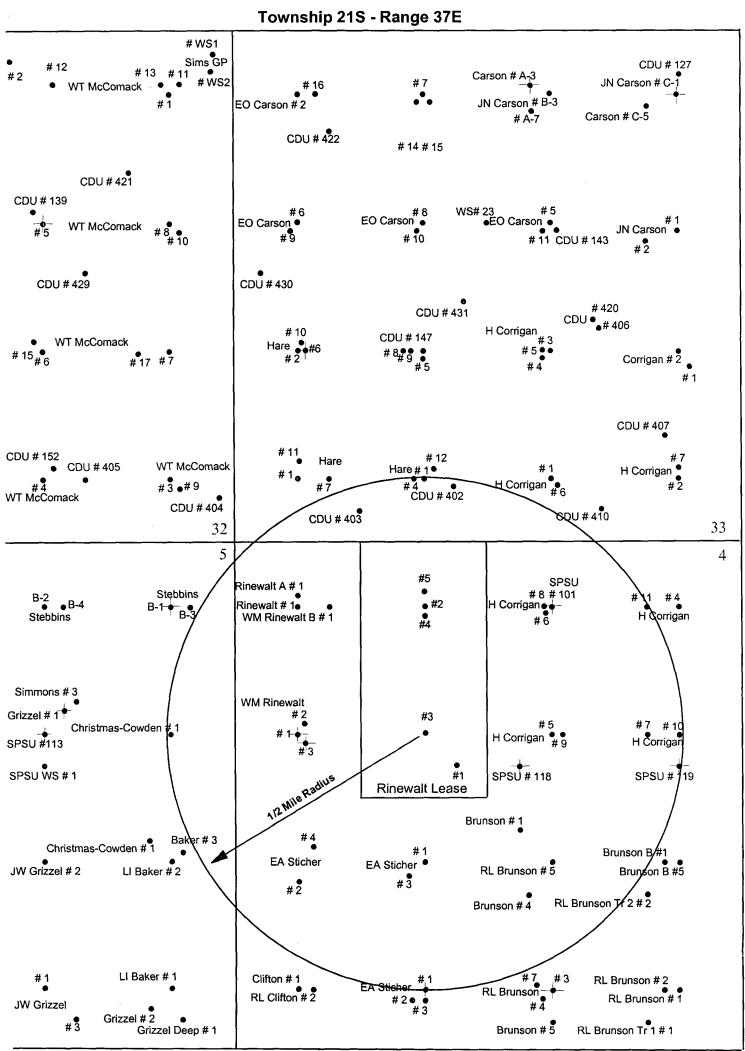
Sincerely,

APACHE CORPORATION

Debra J. Anderson Sr. Engineering Technician

Attachment

cc: New Mexico – Oil Conservation Division 2040 S. Pacheco Santa Fe, New Mexico 87505



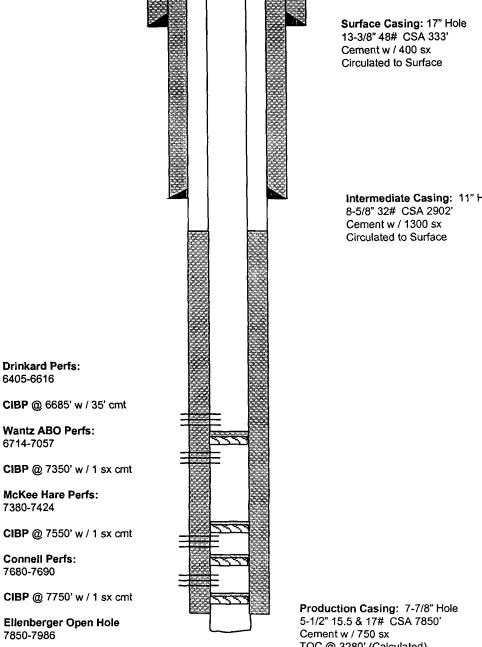
Township 22S - Range 37E

APACHE CORPORATION RINEWALT No. 3 - Downhole Commingle SEC. 4 / T-22S / R-37E LEA COUNTY, NEW MEXICO Well: Rinewalt #3

Drinkard Field:

1990' FNL,1980' FWL Location: Section 4, Township 22S, Range 37E

30-025-10036 API#:



TD @ 7986' PBTD @ 6653' TOC @ 3280' (Calculated)

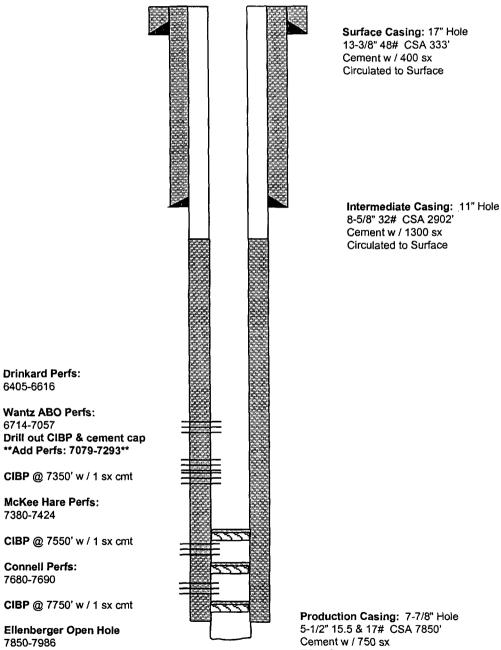
Intermediate Casing: 11" Hole

Well: Rinewalt #3

Drinkard Field:

1990' FNL,1980' FWL Location: Section 4, Township 22S, Range 37E

API#: 30-025-10036 Proposed Status: Active Oil Downhole Commingled from Drinkard & Wantz ABO Pools



TD @ 7986' PBTD @ 6653' TOC @ 3280' (Calculated)

DHC-2403



STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

GOVERNOR

7/22/99

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

RE: Proposed: MC______ DHC______ NSL_____ NSP_____ SWD_____ WFX_____ PMX

Gentlemen:

I have examined the application for the:

#2-E - 4-225.37e parho 0.10 Operator Well No. Unit

and my recommendations are as follows:

Yours very truly,

0 K

Chris Williams Supervisor, District 1

/ed