

Texaco Exploration and Production Inc

RECE VED 3300 N Butler Farmington NM 87401 35 月戸 2日 月川 8952 April 11, 1995

ON CONSERVATION DIVISION

5.17.95

1133

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT **OIL CONSERVATION DIVISION** 2040 South Pacheco Santa Fe, New Mexico 87504

Attention: David Catanach

Application for exception to NMOCD Rule 303-A: Downhole Commingle of RE: Lydia Rentz No. 7, 800' FNL & 1820' FWL, Unit C, Sec. 20-T25N-R3W, NMPM, Rio Arriba County, New Mexico

Dear Mr. Catanach:

Texaco Exploration and Production Inc. respectfully requests administrative approval to downhole commingle the Blanco Mesaverde gas pool and the West Lindrith Gallup-Dakota oil pool within the referenced well. Approval of this application will require an exception to Rule 303-A. Please accept the attached information in your consideration of this matter. All offset operators were notified of this request by certified mail (copy of return receipt cards attached).

The subject well is currently dual completed in the referenced pools (see attached "current completion" wellbore diagram - attachment VII-A). The Gallup-Dakota is produces 6 BOPD, < 1 BWPD and 59 MCFD with plunger lift under a packer through a 2-3/8" tubing string. The Mesaverde interval has not produced since 1991. A separate string of 2-3/8" tubing is set in the Mesaverde. We plan to restore production in the Mesaverde interval by perforating additional pay and refracturing. We then propose to downhole commingle the two pools (see attached "proposed completion" wellbore diagram - attachment VII-B). If we continue to plunger lift the well, removal of the packer will provide greater annular storage capacity with greater energy for removal of liquids. If rod pumping becomes necessary, removal of the packer means the lower zone gas will not have to travel through the pump causing poor efficiency and gas locking. Production from both pools will be enhanced with either lift method.

Downhole commingling will not result in reservoir damage, waste of reserves or violation of correlative rights. If you have any questions concerning this matter please contact Mr. Mark R. Reinhold at (505) 325-4397, ext. 19. Your attention to this matter is greatly appreciated.

Sincerely.

acked Hindi ITAT

Ted A. Tipton **Operating Unit Manager** 

MRR/s Attachments cc: NMOCD-Aztec file

# **LIST OF ATTACHMENTS**

`

•

t ,

٢.

<u>Attachment</u>	<b>Description</b>
I	C-102, Well location and acreage dedication plat - Blanco Mesaverde
П	C-102, Well location and acreage dedication plat - West Lindrith Gallup-Dakota
III	Offset Operators map
IV	C-115, Operator's Monthly Report (W. Lindrith Gallup-Dakota)
V-A	Decline Curve - Lydia Rentz #7 Gallup-Dakota
V-B	Decline Curve - Lydia Rentz #7 Mesaverde
VI	Northwest New Mexico Package Leakage Test - Lydia Rentz #7
VII-A	Wellbore Diagram - Current Completion
VII-B	Wellbore Diagram - Proposed Completion

۰.

#### <u>Application for Exception to Rule 303-Segregation of Production From Pools</u> <u>Requirements Continued.</u>

(7) A description of the fluid characteristics of each zone showing that the fluids will not be incompatible in the well-bore.

The fluids have no abnormal components that would prohibit commingling, or promote the creation of emulsions or scale. The major components of the produced waters are sodium, chlorides and bicarbonates. Several offsets are commingled in the proposed zones and no production problems have occurred.

(8) A computation showing that the value of the commingled production will not be less than the sum of the individual streams.

Current Gallup/Dal	<u>cota Prod</u> .	Anticipated Mesave	rde Prod.
Oil, BOPD	6	Oil, BOPD	1
Gas, MCFD	59	Gas, MCFD	235
Water, BWPD	1	Water, BWPD	1

The combined production from the Gallup/Dakota and Mesaverde formations will be approximately 294 MCFD, 7 BOPD, and 2 BWPD.

# (9) A formula for the allocation of production to each of the commingled zones and a description of the factors or data used in determining such formula.

Using our anticipated rates as shown in item #8 as an example, allocation will be calculated as follows:

	<u>Gas</u>	<u>Oil</u>	<u>Water</u>
Mesaverde	235/294=80%	1/7=14%	1/2=50%
Gallup/Dakota	59/294=20%	6/7=86%	1/2=50%

The actual production data obtained prior to and following the commingling process will be presented to the Aztec NMOCD District office to arrive factors for splitting the future production stream.

(10) A statement that all offset operators and, in the case of a well on federal land, the United States Bureau of Land Management, have been notified in writing of the proposed commingling.

All offset operators have been notified. Please find attached, signed return receipt cards from each operator (Attachment VIII). A BLM Sundry (Form 3160-5) has been submitted for approval.

#### Application for Exception to Rule 303-Segregation of Production From Pools

(1) Name and address of the operator:

z

Texaco Exploration and Production Inc. 3300 N. Butler, Suite 100 Farmington, NM 87401

(2) Lease name, well number, well location, name of the pools to be commingled.

Lease Name: Well Number: Well Location:	Lydia Rentz 7 800' FNL & 1820' FWL, Unit C, Sec. 20 T25N-R3W, NMPM Rio Arriba County, New Mexico
Pools to Commingle:	Blanco Mesaverde Gas Pool and West Lindrith

(3) A plat of the area showing the acreage dedicated to the well and the ownership of all offsetting leases.

Gallup Dakota Oil Pool

Attached (Attachment I, II, III)

(4) A current (within 30 days) 24-hour productivity test on Division C-116 showing the amount of oil, gas and water produced from each zone.

The C-115 for Lydia Rentz No. 7 Gallup/Dakota production is attached (attachment IV). The Mesaverde completion in the Lydia Rentz No. 7 has not produced since 1991. Additional pay in the Mesaverde will be perforated and the interval will be refractured prior to downhole commingling. Following this workover, we expect the Mesaverde to produce 235 MCFD, 1 BOPD, and 1 BWPD.

(5) A production decline curve for both zones showing that for a period of at least one year a steady rate of decline has been established for each zone for statistical purposes. (This requirement may be dispensed with in the case of a newly completed or recently completed well which has little or no production history. However, a complete resume of the well's completion history including description of treating, testing, etc., of each zone, and a prognostication of future production from each zone shall be submitted.)

Decline curves for the Gallup/Dakota and Mesaverde production from Lydia Rentz No.7 is attached (Attachments V-A, V-B, respectively).

(6) Estimated bottomhole pressure for each artificially lifted zone. A current (within 30 days) measured bottomhole pressure for each zone capable of flowing.

The Mesaverde and Gallup/Dakota bottom hole pressure is estimated based on New Mexico Packer Leakage Test dated 9/94 Lydia Rentz No.7:

Mesaverde:980 psig(Attachment VI)Gallup/Dakota:550 psig(Attachment VI)Actual Mesaverde PBH will be obtained using shut-in testing upon completion.

ͺ <b>Б</b>	ITAT	e òf	<i>h</i> ew	MEXICO
AGY	ANO	MIN	IRALS	UEPARTMENT

,

# OIL CONSERVATION DIVISION P. 0. 00 X 2018 LANTA FE, NEW MEXICO 87501

Form C-107 Revised 10-1-75

CHITLA RENTZ       TUDIA RENTZ       7         Interest       20       25N       3N       County       Rio Arriba         Interest Form       Proceeding       Messaveride       The messawite       North       Interest       North         1000       Test form to       Morth       Interest       North       Nort	·		All distances a	ust to from th	e cuter liounde	rles of the Section	m. AH	achunen	+ I	
Distance         Description         Description         Description         Description         Description         State A property in the second property is property in the second property in the second property is property in the second property in the second property is property in the second property in the second property is property in the second property in the second property is property in the second property in the second property is property in the second property in the second property is property is property in the second property is property in thes	perator					· · · · · · · · · · · · · · · · · · ·		Well	No.	
C       20       25N       3N       Rio Arriba         Indefectories of Weith BOO       North       Intermal 1820       test promote the Mergit       Intermal Description       Int	GETTY OIL	COMPANY		I	YDIA RENT			7		
Biology Lesting of while       North       line and       1020       free icon line       Weight       ine and icon line       Weight       Database       Dat	att Letter	Section	1 · · ·		Pange	County				
BOO         test from the more than the Measured Barrow Measured Barrow Measured Barrow Measured Barrow Dillo The Me	С	20	25N	I	3W	Rio	Arriba			
Designed Line       Products       Open in the plane of the					0		· · ·			
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline 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 interests of all owners been consolidated by communitization. Intro-pooling, etc?  Yes No If answer is "yes," type of consolidation If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or unit a non-standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  Sec.  20  CERTIFICATION				line and		feet from the	Węst	line		
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline 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 interests of all owners been consolidated by communitization. Intro-pooling, etc?  Yes No If answer is "yes," type of consolidation If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or unit a non-standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  Sec.  20  CERTIFICATION	ound Level Elev:	1		1 10 -		0 pli/87 h	dished	Dedicated Ad	reager D	
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline cach 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 interests of all owners been consolidated by communitization, intraction, force-pooling, etc?  I yes No If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  B201 Sec.  20 CERTIFICATION  CERTIFICA	7222		Gallup - Dal	tota I /	0,110	ojito a		320 11	) ACTO	
interest and royalty).         3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?         Yes       No         If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if accessary.)         No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.         18201       I hereby certify that the information contained been and complete to the base of my homeledge and belief.         18201       I hereby certify that the information contained been and complete to the base of my homeledge and belief.         18201       I hereby certify that the information contained been and complete to the base of my homeledge and belief.         18201       I hereby certify that the well location are on the later of my homeledge and belief.         18201       I hereby certify that the well location contained been and that the same are of actual corporation.         18201       I hereby certify that the well location are of actual to the the origin that the actual to the later of my homeledge and belief.         18201       I hereby certify that the well location contained to the later of my homeledge and belief.         18201       I hereby certify that the well location the later of my homeledge and belief.	1. Outline th	he acreage dedic	ated to the su	ibject well b	by colored pe	ncil or hachure	marks on	the plat bel	ow.	
dated by communitization, unitization, force-pooling, etc?         Yes       No         If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.).         No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.         Image: the state of the state of the state of the information constrained been in the state of my howledge and belief.         18201       Iteraty certify that the information constrained been is tree and complete to the best of my howledge and belief.         Image: the state of the state of the best of my howledge and belief.       Iteraty certify that the information constrained been is tree and complete to the best of my howledge and belief.         Sec.       20       Iteraty certify that the information constrained been is tree and complete to the best of my howledge and belief.         Iteraty certify that the information constrained been of the information constrained been of the state of my howledge and belief.       Iteraty certify that the well location is tree and complete to field the state of my howledge and belief.         Iteraty certify that the well factor to the been of any howledge and belief.       Iteraty certify that the well factor to the been of any howledge and belief.         Iteraty certify the tree of the been of any howledge and belief.       Iteraty certify that the well factore to the been of any howledge and belief.			s dedicated to	the well, ou	itline each ar	nd identify the	own <b>er</b> ship	thereof (bot	h as to worki	ing
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information con- sion. CERTIFICATION I hereby certify that the information con- side herein is true ond complete to the best of my knowledge and belief. None Sec. 20 Sec. Company Date and sources to the best of my knowledge and belief. I hereby certify that the information con- side herein is true ond complete to the best of my knowledge and belief. None 20 Company Date and sources of actual company Date of a grant compa				-		well, have the	interests (	of all owner	s been conso	əli-
this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis- aion. CERTIFICATION I hereby certify that the information con- tained herein is two and complete to the best of my hnowledge and belief. Hame No allowable Sec. 20 Sec. 20 Sec. Company	Yes	🗌 No 🛛 If	answer is "yes	type of co	nsolidation _		<u></u>	·		
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  CERTIFICATION  CERTIFICATION  CERTIFICATION  CERTIFICATION  Company  Sec.  20  Company  Date  April 6, 1981  I hereby certify that the well location about on this play was playted from field about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the best of my about on the playter of the best of my about on the best of my about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the best of my about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the best of my about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the playter of the best of my about on the			e owners and t	ract descript	ions which he	ave actually be	en consoli	dated. (Use	reverse side	of
sion. CERTIFICATION CERTIFICATION CERTIFICATION CERTIFICATION CERTIFICATION CERTIFICATION CERTIFICATION CERTIFICATION CERTIFICATION CERTIFICATION Compary Company Sec. 20 Company Date April 6, 1981 Company Date April 6, 1981 Center of my supervision, and that the same to use of any supervision, and that the same the use of any supervision, and the supe	No allowa	ble will be assig								
18201 18201 18201 1 hereby certify that the information con- tained herein is true and complete to the best of my knowledge and belief. Name Mare Kettellitch Position Agent Company Date April 6, 1981 1 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 has and is true and correct to the best of my knowledge and belief. Date Surveys made by me or under my supervision, and that has and is true and correct to the best of my knowledge and belief. Date Surveys made by me or under my supervision, and that has and is true and correct to the best of my knowledge and belief. Date Surveys Profit of the forthand East and that Surveys made by me or under my supervision. The forthand East and that Surveys made by me or under my supervision. The forthand East and the Surveys made by me or under my supervision. The forthand East and the Surveys made by me or Secolor by the forthand East and the Surveys made belief.		oling, or otherwise	e) or until a nom	n-standard un	it, eliminatin	ig such interes	ts, has bee	en approved	by the Comm	is-
18201 18201 18201 Sec. 20 Sec.							1	CEDTIELC		<u> </u>
18201       tained herein is true and complete to the bast of my knowledge and belief.         Name       Name         Name       Name         Sec.       Name         20       Date         April 6, 1981       I hereby certify that the well location the bast of my knowledge and belief.         20       Date         April 6, 1981       I hereby certify that the well location the bast of shown on this plat was platted from field notes of actual surveys mode by me or under my supervision, and that the same is true and correct to the bast of my knowledge and belief.         Date       Sector 10 for the bast of my knowledge on belief.         Date       Sector 10 for the bast of my knowledge on belief.         Date       Sector 10 for the bast of my knowledge on belief.         Date       Sector 10 for the bast of my knowledge on belief.         Date       Sector 10 for the bast of my knowledge on belief.         Date       Sector 10 for the bast of my knowledge on belief.         Date       Sector 10 for the bast of my knowledge on belief.         Date       Sector 10 for the bast of my knowledge on belief.         Date       Sector 10 for the bast of my knowledge on belief.         Date       Sector 10 for the bast of my knowledge on belief.								CERTIFIC	ALIUN	
18201       Iteined herein is true and complete to the best of my knowledge and belief.         Name       Name         Position       Agent         Company       Getty Oil Company         Date       April 6, 1981         I hereby certify that the well location the bast of come to the best of my knowledge and belief.         20       I hereby certify that the well location the bast of my knowledge and belief.         Date       April 6, 1981         I hereby certify that the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with theresthat the bast of my kno		Ō			ł	3				
18201       Iteined herein is true and complete to the best of my knowledge and belief.         Name       Name         Position       Agent         Company       Getty Oil Company         Date       April 6, 1981         I hereby certify that the well location the bast of come to the best of my knowledge and belief.         20       I hereby certify that the well location the bast of my knowledge and belief.         Date       April 6, 1981         I hereby certify that the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with the bast of my knowledge and belief.       I hereby certify that the bast of my knowledge and belief.         Date       Sector with theresthat the bast of my kno		80			I		I hereb	y certify that t	he information c	:07-
Sec. Name Marker Name Marker Name Marker Name Marker Name Marker Name Marker Name Marker Name Marker Name Marker Name Marker Name Marker Name Marker Name				•	1		tained	herein is true o	and complete to	the
Sec. Sec. Sec. 20 Sec.	1820'		<b></b>		I	3	best of	my knowledge	and belief.	
Sec. Sec.			5		1					
Sec. Sec.					1	3	None			<u> </u>
Sec. Sec.							i vuile	1 Kon	0,0.1	
Sec. Sec.		1 I	1				Position	· Herig	AUCIC	
Sec. Sec.					I			_		
Sec. Sec.										
Sec. Sec. 20 Date April 6, 1981 I hereby certify that the well location shown on this plat was plotted from field notes of octual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Februist 27, 1995 Registered Frances and Cartering and Lind Surveyed Fred Surveyed Critificate Res 2, 4500 Critificate Res 2, 4500 Critif		ł	l				1	Oil Comp	anv	
20 I hereby certify that the well location shown on this plat was plotted from field notes of octual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Februar: 27, 1925 Register if in ferrinal Eaguner and Lind Surveyor: Fred B. Kerr Jr. Certificate in State		1 50			1			OTT OOND	~~	
20         1         20         1         1         1         1         20         1		1 56			I I	3		6. 1981		
20 shown on this plat was platted 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 knowledge and belief. Date Surveyed Februit 7 27, 7995 Register (1) The restand Each of and Lind Surveyor (1) Fred B. herr Jr. Certificate (1) Sector (1) Certificate (1) Sector (1) Sector (1) Sector (1) Sector (1) Sector (1) Sector (1) Sector (1) Sector (1) Sector (		1			1					
20 shown on this plat was platted 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 knowledge and belief. Date Surveyed Februit 7 27, 7995 Register (1) The restand Each of and Lind Surveyor (1) Fred B. herr Jr. Certificate (1) Sector (1) Certificate (1) Sector (1) Sector (1) Sector (1) Sector (1) Sector (1) Sector (1) Sector (1) Sector (1) Sector (		AARAAAAAKAAKAAAAA I	LEXCOLLER AND AND A		RELEARANDERE I					
20 shown on this plat was platted 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 knowledge and belief. Date Surveyed Februit T 27, 7995 Register of Ph foretanal Each er and Lind Surveyor Fred B. herr Jr. Certificate the Survey of Arge.		3			1	32	hereb	y certify that	the well locat	110-
Date Surveyed Register / Professional Etigticies and Lind Surveyor (1997) Fred Book Etr JP. Certificate (2000)		•		20	1			-		
under my supervision, and that the same is true and correct to the best of my knowledge and belief.		ł			1			• .	•	
Is true and correct to the best of my knowledge and belief. Date Surveyed Februistry 27, 1995 Register (Fr. feretanal Edgu. er and Lind Surveyor : Fred Bo herr Jr. Cettificate (S. S. AFER.)		1				X I	1		•	
knowledge and bellet.       Date Surveyed       Februiting       Projectional Eachner       and       Lind Surveyor       Pred Bischerr       Pred Bischerr       Cettificate its       Scolar		1.				A.				
Date Surveyed Februist 27, 1992 Registered Professional Edge.er and Lind Surveyor Fred B. herr Jr. Certificate iss 2 (figh.)		J		and the second se		$\mathbf{X}$			- me pesi gi	
February 27, 7925 Registered Professional Edge.ee and Lind Surveyor y. Fred B. Kerr-Jr. Certificate is. 2 (fish.)						N I		. An min ndiigit		
Februiting 27, 7992 Registered Professional Edginier and Lind Surveyor 9, Fred B. Kerr-Jr. Certificate 18, 2 (19)		,	- <b>-</b>							
Februist 27. 1923 Registered Professional Edgeweit and Lind Surveyor v. Fred B. Kerr-Jr. Certificate is. 2 (fish.)		,			h	in a second second	Data St			
Registered Friderighand Euglinier and Lind Surveyor		l I .		$\sum_{i=1}^{n} a_i a_i$		and the second	-	11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	10	
End Lind Surveyor :: Fred B. Kerr Jr. Crittlicate is Strike 1				V U.	1.1.1.1.1				<u>.982% \</u>	······
Fred B. herr Jr.		· 1					1 1		N 13 N 24 P	
		1	1		1		1	127.2	1 3	
		1 I			1	1	5/20	CX3 FC	Shill	
		<u></u>			<u> </u>	· · ·	Fred	W.herr	<u>UP. 1/-</u>	<del></del> .
		Sca	ale: 1"=100	),			3950	A KER	Le Literer	

FORM 24-

NE MEXICO OIL CONSERVATION COMMISS <u>ь т</u>

,

		NE MEXICO O	IL CONSERVATION			Form C-102 Supersentes C-128 Ellective 1-1-65
		All distances must b	e from the outer bounda	ries of the Section	. Attach	nent II
Operator			Lease			Well No.
TEXACO	Inc.	· . · · · · · · · · · · · · · · · · · ·	Lydia Re	ntz		7
Unit Letter	Section	Township	Range	County		
C	20	25N	<u>3W</u>	Ri	lo Arriba	
Actual Footage Loc		·				
800		orth line a		feet from the	West	line
Ground Level Elev.			Pool	C=11		edicated Acreage:
7222'	ويحمد والمراجع والمحاد	p Dakota		Gallup/Dal		160 Acres
2. If more th interest a 3. If more th	han one lease is nd royalty). an one lease of c	•	ell, outline each a is dedicated to the	nd identify the	ownership the	plat below. reof (both as to working ll owners been consoli-
this form i No allowa	is "no," list the if necessary.) ble will be assign	ed to the well until	escriptions which h all interests have l	ave actually be	ted (by comm	ed. (Use reverse side of unitization, unitization, pproved by the Commis-
	800					CERTIFICATION
1820			RECEN	VED 1988	tained herei best of my k Mall S. K. Name	tify that the information con- n is true and complete to the nowledge and belief. <u>ma. Cor Alan A Kleier</u>
			OIL CON	. DIV.	Position Texaco Company March 3 Date	
		Sec.				
	1 1 1 1 1 1 1 1 1 1 1 1	20			shown on thi notes of act under my su	rtify that the well location is plat was plotted from field ual surveys made by me or pervision, and that the same FOUR CORNERSAREAT my nd belief. APR 1 1 1988
	1             				Date Survey AA Registered Ad and/or Lond Fl Certificate No.	FILE Z
0 330 660	90 1320 1650 198	<u>10 2310 2640 20</u>	1 1 <u>500</u> 1 <u>500</u> 1 <u>600</u>	500 0		WISE BOX I

OFFSET OPERATORS LYDIA RENTZ # 7 SEC. 20 T25N / R03W

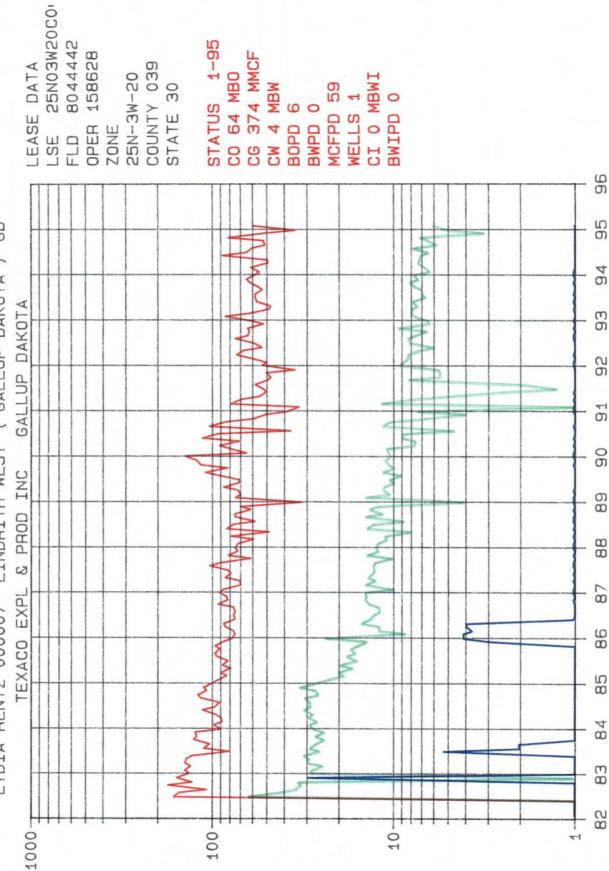
AS O		
CURTIS J. LITTILE, OIL & GAS 16 SCHALK DEVELOPMENT CO.	ELLIOT OIL CO, INC 21	ELLIOT OIL CO, INC 28
TEXACO 17	(EVDIA RENTZ #7 TEXACO 20	TEXACO 29
TEXACO 18	TEXACO 19	TEXACO 30

C-115 - Operator's Monthly Report (Continuation Page	irt (Cor	ntinuation	n Page -	Instru	Instructions are o	on the back	of form (	C-115)	<u>.</u>							.[
<sup>2</sup> <sup>Operator</sup> TEXACO EXPLORATION &		PRODUCTION	INC. N	3	06RID 022364	4	4	Month/Year		02/85		6 Page 3	1 <sup>of</sup> 43			,
										Attacl	concut	717				 [
		INJEC	INJECTION	┝─	L L	PRODUCTION	N			DISF	DISPOSITION	OF OIL, C	GAS, AND V	WATER		
POOL NO. AND NAME Property No. and Name WELL No. & U-L-S-T-R API No.	×	voiume	10 Pressure		12 Barrels Dir/conden- sate produced	13 Barrels of water produced	14 MCF Gas Produced	16 Days Prod- uced	<b>2</b>	17 Point ai Disposition	18 Gas BTU or Oil API Gravity	19 Oit on hand at beginning of month	20 volume Bøls/mcf	21 21 Transporter 0GR10	Am D C C 22 Pand Am D C 22 P	23 Dil on hand at end of month
9189		EST					·									
011170 JICARILLA "C"	1 1 4	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8				<u> </u>										
									30	2812928	1234		1721	007057		
									333	2504230 2504250			428			-
LEASE TOTAL		0			136	70	1841						, <del>, , , , , , , , , , , , , , , </del>			
011177 MCCONNELL, L. L.		- <u></u>														
001 N-30-25N-03W 30-039-05776	٩				168	125	329	28					<u></u>		<u></u>	
	<b>Q</b>	<u> </u>			435	75	1121	13								
013 N-31-25N-03W 30-039-23008	٩				150	28	1162	28								
	٩				268	353	675	20						<del>;</del>		
6-29-25N-03W -25319	<u> </u>				586	121	1949	28								
015 L-29-25N-03W 30-039-25317	۵.				722	141	831	24	(			0001				1479
				<u> </u>					00000	2517610 2505630 2517630 2813085	44.8 1307 1307 1333		2158 4511 289 1122	014538 022345 007057 007057		
									Ű≥	2517650			415			
LEASE TOTAL		0			2329	843	6067							<u> </u>		
011207 RENTZ, LYDIA		<u> </u>														
011 0-19-25N-03W 30-039-25303	٩	<u>.</u>	<u> </u>		600	80	1026	26								<u> </u>
	•				1034	134	2845	28								
	L				90	0	510	28	~							
					-											
				$\dashv$												

· .

K-A a Hackment





STATUS 1-95 CG 374 MMCF COUNTY 039 STATE 30 CO 64 MBO 25N-3W-20 CI O MBWI CW 4 MBW MCFPD 59 BWIPD 0 9 BWPD 0 WELLS Ворр

158628

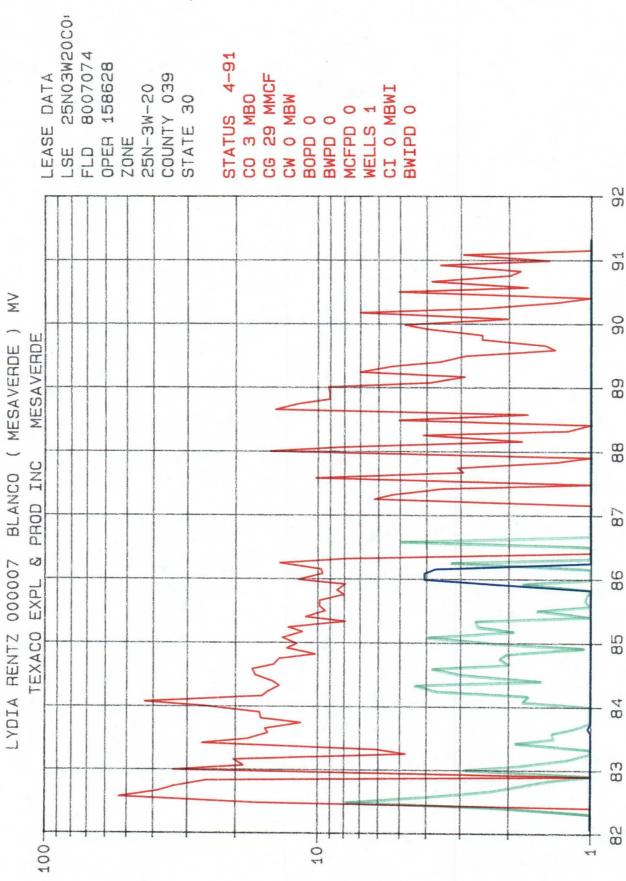
YEARS

**NCEPD** ВМРD

0408

Attachment I - A





STATUS 4-91 25N-3W-20 COUNTY 039 STATE 30 ZONE

CO 3 MBO CG 29 MMCF CW 0 MBW BOPD 0 CI O MBWI BWIPD 0 BWPD 0 MCFPD WELLS

**WCFPD** 

BMPD 0408 STATE OF NEW MEXICO

OIL CONSERVATION DIVISION

Page 1 Revised 10/10/78

A Hachment IT

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator TEXACO E & P INC.					Lease LYD	IA RENTZ	Weli No.	7	
Location of Well: Unit	_Sec	<u>20</u>	Twp	'25N	Rge	3W	County RIC	ARRIBA	•

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (OIL OR GAS)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	BLANCO MESAVERDE	GAS	FLOW	TBG.
Lower Completion	LINDRETH GALLUP DAKOTA WEST	GAS	FLOW	TBG.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, Date shut-in 11-91	Length of time shut—in	Si press. psig	Stablized (Yes or No)
Lower	Hour, Date shut-in	Length of time shut-in	Si press. psig	Stablized (Yes or No)
Completion				

#### FLOW TEST NO. 1

Commenced	at (hour, date)*				Zone producing (Up	oper or Lower) LOWER
TIME	LAPSED TIME	Pf	RESSURE		PROD. ZONE	REMARKS
(hour,date)	SINCE"	Upper Completion	Lowe	completion	ICTON LINES	1
9-8-94				FARMIN	GION ARGIN	
				TAT	11-7	BOTH ZONES SHUTIN
9-9-94	24 HRS.	980	390	RH	RDM	
9-10-94	48 HRS.	980	480	LNS	I BKR	
1						
9-11-94	72 HRS	980	528			
9-12-94	96 H <b>R</b> S.	980	550	NUV	1 1994	
9-13-94	120 HR\$	980	333	T	JLW JDP RFS	UPPER SHUTIN LOWER FLOW 24 HRS.
9-14-94	144 HRS.	980	405	I TLD	Return To	UPPER SHUTIN LOWER FLOW 24 HRS.
9-15-94	168 HRS.	980	378			UPPER SHUTIN LOWER FLOW 24 HRS.

Production rate during test

 Oil \_\_\_\_\_\_BOPD based on \_\_\_\_\_\_ Bbls. in \_\_\_\_\_\_ Hours \_\_\_\_\_ Grav \_\_\_\_\_GOR \_\_\_\_\_\_

Gas

# MCFPD; Tested thru (Orifice or Meter):

#### MID-FLOW SHUT-IN PRESSURE DATA

Hour, Date shut-in	Length of time shut—in	Si press. psig	Stablized (Yes or No)
Hour, Date shut-in	Length of time shut-in	Si press. psig	Stablized (Yes or No)
	-		Hour, Date shut-in Length of time shut-in Si press. psig

#### NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

ommenced	at (hour, date)**			Zone producing (Upper o	
TIME	LAPSED TIME		ESSURE	PROD. ZONE	REMARKS
our,date)	SINCE**	Upper completion	Lower completion	TEMP.	
			· · · · · · · · · · · · · · · · · · ·		
			<u> </u>		
	<u> </u>		<u> </u>		
<u></u>	II				
		•		l <u>eter):</u>	
marks: <u>T</u>	HIS TEST WAS CO	NDUCTED IN CONJU	NCTION WITH EPNG PL	ANTS SHUT DOWN.	
	·	· · · · · · · · · · · · · · · · · · ·		·····	
erby certify	that the informati	on is true and complet	e to the best of my know	ledge.	
proved	007 2			Operator TEXACO E & P	NC.
ew Mexico	Oil Conservation E	ivision		By Baul	D. Perfori
1		MII ()		by <u>paur</u>	
Ву	portes t	thokson			
itle : 39231	TY MIL & GAS IN	SPECTOR, DIST, #3		Title ENGINEER ASS	NT
	1			Date OCTOBER 25,11	994
				·	

#### FLOW TEST NO. 2

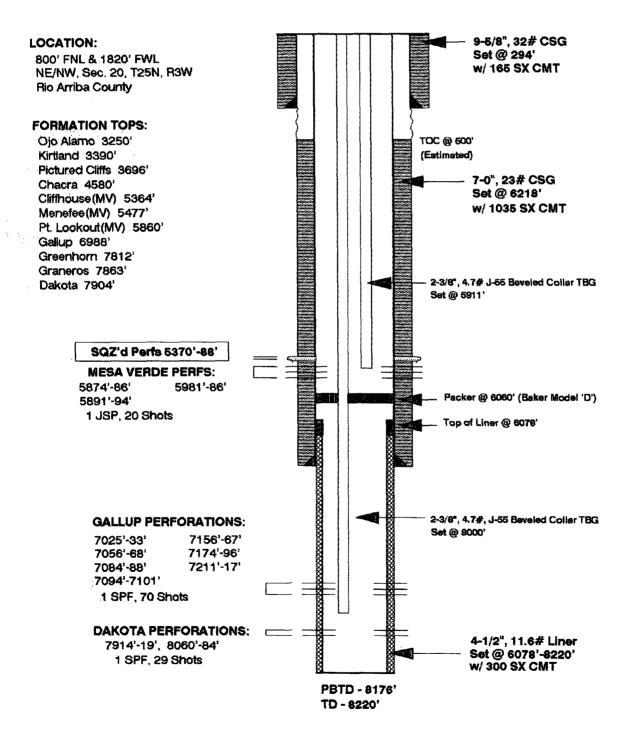
Page 2

Attachment VII-A



### LYDIA RENTZ No. 7 API# 30 039 22733

CURRENT COMPLETION

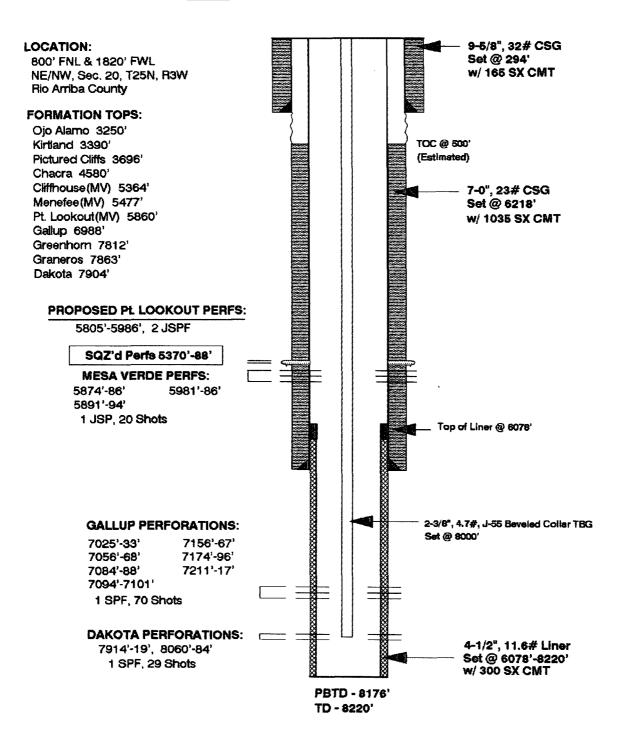


10/20/94

Attachment VIT-B



# LYDIA RENTZ NO. 7 API# 30 039 22733 PROPOSED COMPLETION



10/20/94

SENDER: action of all strates from also wish to receive the Complete items 1 and/or 2 for additional services. following services (for an extra Complete items 3, and 4a & b. Print your name and address on the reverse of this form so the fee): return this card to you. A post of 1. ST. 1. 🔲 Addressee's Address Attach this form to the front of the mailpiece, or on does not permit. Section and the section of the Write "Return Receipt Requested" 2. C Restricted Delivery on th The Return Receipt will show to whom the article d and the date Consult postmaster for fee. 5 delivered. 3. Article Addressed to: 4a. Article Number completed ELLOT OIL CO. 33 994 930 4b. Service Type Registereo
 COD
 Cortified
 Aerchandise Box 1355 Insured ADDRESS Roswell NM 88202 Date of Delivery **B** -÷.,\* 13.4 ſt RETURN 8. Addressee's Address (Only if requested 5. Signature (Addressee) and fee is paid) 198 6. Signature (Agent) 6 PS Form 3811, december RECEIP 1991 DOMESTIC RETURN SENDER: also to receive wish Complete ite following services (for an extra Complete items 3, and 4a 8 Print your name and add e of this for fee): return this card to you. Addressee's Address Attach this form to the front of the m does not permit. Write "Return Rece Restricted Delivery The Return Receipt will show # 10 V Consult postmaster for fee. delivered. 6. Sel 2 3. Article Addressed to: Article Number SCHALK DENELOPMENT (D 081 4b. Service Type POBOK 25825 **ADDRESS con** Registered Certified ALBUQUERQUE, NM. Express Mail Date of Delive

See 8. Addressee's Address (Only In and fee is peid)

5. Signature (A

6. Signature (Agent)

PS Form 3811, December 1991 : HUS GPG 1993-352-714 DOMESTIC RETURN RECEIP



Texaco Exploration and Production Inc

3300 N Butler Farmington NM 87401

April 11, 1995

Elliot Oil Co. Box 1355 Roswell, NM 88202

#### RE: Downhole Commingle Lydia Rentz No. 7 800' FNL & 1820' FWL, Sec. 20-T25N-R3W, Unit C Rio Arriba County, New Mexico

Gentlemen:

As offset operator to the spacing unit for the referenced well, you are being notified of our request for an exception to NMOCD Rule 303-A. Texaco Exploration and Production Inc. proposes to downhole commingle the Blanco Mesaverde and the West Lindrith Gallup-Dakota pools within this wellbore.

If you have no objection to the above application please sign the waiver at the bottom of this letter and return it to this address. If no objection is received within 20 days of receipt of this letter, the Director may approve the proposed application. Your attention to this matter is greatly appreciated.

If you have any questions concerning this matter please contact Mr. Mark R. Reinhold at 505-325-4397 ext. 19.

Sincerely,

acked Hindi /TAT

Ted A. Tipton Operating Unit Manager MRR/s

Attachments cc: file

Waiver Approval:	
Company: <u>Elliott Oil Co.</u>	
BY: LOSA	
DATE: 4/1+/95	-
-	-

F.	ARMI	NGTON AF	PEA
F 6	fis-	_n _1	8
LESI		DRH 1	
		•	
	ADD	1 7 1005	
	APR	1 7 1995	
	APR		·····
-	APR	1 7 1995	
		JIN JOP IRFS	
	APR	JIN JOP	