typed -

conoco

Conoco Inc. P. O. Box 460 1001 North Turner OIL CONSERVATION DIVISION Hobbs, NM 88240 SANTA FE (505) 393-4141

Blinebry Dil & Sax Warren-Tubb Stax

L. P. Thompson **Division Manager**

John R. Kemp Assistant Division Manager

Production Department Hobbs Division North American Production

October 29, 1980

New Mexico Oil Conservation Division Department of Energy & Minerals State of New Mexico P.O. Box 2088 Santa Fe. N. M. 87501

Attention: Mr. Joe D. Ramey, Director

Gentlemen:

Application for Downhole Commingling - Warren Unit No. 64

Conoco Inc. respectfully requests approval to downhole commingle Warren Unit No. 64 located in Unit A, Section 26, T-20S, R-38E, Lea County, New Mexico.

Warren Unit No. 64 is completed in the Blinebry Oil & Gas and Warren
Tubb Oil zones Attached and the Standard Completed in the Blinebry Oil & Gas and Warren Tubb 0il zones. Attached are two form C-116's showing current oil, gas, and water production from each zone. A wellbore schematic and letter to offset operators is also attached.

Bottom hole pressure tests measured at an estimated rate as follows:

Blinebry Oil & Gas Warren Tubb Oil

2180 psi 2440 psi

Fluid characteristics of each zone are shown below:

		PRODUCTIO	N DATA	
		Daily Vo	1ume	
	<u>Oil Gravity</u>	Oil Bbls	Gas Mcf.	Oil Value
Blinebry Oil & Gas	38.2	10	109	36.00
Warren Tubb 0il	40.1	10	9	19.73

A letter from the USGS indicating their approval is also attached.

Your approval of this application authorizing the commingling in the wellbore of Blinebry Oil & Gas and Warren Tubb Oil zone production as described above is requested.

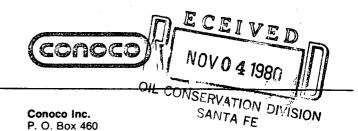
Yours very truly

Tubb pf@ 6404' (lowermont)
mox prod: 40 BORD

MJJ:pls Enc.

cc:NMOCD (Hobbs)

										6	JAR	REN) /	W	ĻT	#	4)										\$	8
$\mathcal{O}(\mathbb{Z}_1)$. بل	SA	T.T	_	• .	r Feb	\$1.			_			-2 g-1						_		Se	c 16	· ,	T	ر کن	R-	396		1.
	В.	SA	LT_	133					-							_			ļ		6	60'	F٨	Lδ	6	60'	F <i>E</i> L	7.30 4.40	L
	3									7/2	-222	·			1 6 4				 	 	EL	EVA	10	N -	35	25	61		1
								<u> </u>													K	вт	- //	l'A	! &4 .				
2 : .				10	1_			ļ :	ļ			ļ.	-	_						ļ					ļ 		13.	910	
		\(\frac{1}{2}\)	-		11.77			<u> </u>								_	.		ļ		ļ								
			- p 3			ļ			<u> </u>			_								ļ									1
			7.11	. 12				-											ļ						<u> </u>				1
		1.00	-		<u> </u>			1	ļ		· 								ļ		ļ								1
									<u> </u>	ļ		L ,						L											
				ļ								\angle	_						93	ر" ج	6	K.5.	5 3	Lue	l FACE	_C	951N	6_	1
					<u> </u>		ļ	<u> </u>	ļ	ļ									: :	6	2 / s	ردر	1 4	16	00	حبرك		PC.	
B	ZIN	EBR	4 /	ERI	5.	60	2,	601	9,14	203	7, 6	043	ر روخ					:											ŀ
												117						23/8	" . \\) 477	RES	ر اح ک	BG.	@	62	26	,	7. 7.	
6	121	,61	33	,6	140	16	143	11	15	(عرم	· !				; ; ::	ليل		RIPL									@ 6	622	20
] 		ĺ		·. 					! !						1			1				1					
		:		<u>:</u>	ļ			:	i 									: : :					:	` !	: :	:			1
		! 		<u> </u>		<u>i</u>		:			! !						72	13	" Z	٠,	YE	a) 7	57	7e in	16				T
:	:	:		:		!	1												1				· • •			!	,		
		:	•																		!					!			1
						-] [)TIS	7	," 2		2 ###	"/،)	Q"	Do	m.	Do	ء بر	5
					•								1		7			ω/											
							i	:		:	:	;	•—. <u>-</u> .	\boxtimes		$ \sum$	\leq	<i>ـــر</i> ـــــــــــــــــــــــــــــــــ		1	بدورم	6.169.	<i>D.</i>		\$12.8.4 1	2547			Ţ
1/1	LB.	3 /	T RE	کی ک	663	7.6	640	66	(70)	668	21/	Z06	/ 4	h_	1	1			;		<u>-</u>						1	43	T
67	21.	671	9'6	741	1.6	751	167	154.	67	c7!	676	3,	· •]				٠ ر -	3/"	EUL	- p	BUT	78 FS	< /	RE	0	181	8'	1
			-	į.	i		i		i .	SPF										ļ.		1 .	į	~ 		re in	: KC	C. 15.15	1
		!				1	1	83						14.	¥ V.	4	4	7	" 2	#	ه بر	-5	Per	Du	770	18.7	120	100	1
]				_	<i>/</i> >		687	10'			2/	9					T	115-67		1
		:		!	1	i								1	-														
					!					÷	!				-			:		-		:	·	:		:		ļ	T
, , , , , , , , , , , , , , , , , , ,		:						!							1	1		:				-	; - ··-	!	į				1
				!						1					†			: .		-	 		·	: · · · ·	. :	·	:		1
								!		ļ	! !							j		;	İ .	!		 i	:	T	!		1
										:					,		* <u> </u>	1	:			<u> </u>	-	; ;			:	ļ	+
						-	·	:	!		:	:		 !	[:		• :					:		1
					*						i	:								•						• • • •		ا	1
kn:	E Y													•			¦E\r	· \-			J Grai	Na.,	CO	MPI	ETE.	D -	A	og ii	· ·
											CAI	7.1																	



1001 North Turner

Hobbs, NM 88240

(505) 393-4141

L. P. Thompson Division Manager

John R. Kemp Assistant Division Manager

Production Department Hobbs Division North American Production

October 29, 1980

Gulf Oil Corporation Box 670 Hobbs, New Mexico 88240

Gentlemen:

Application to Downhole Commingle - Warren Unit No. 64

Conoco Inc. is making application to the NMOCD to downhole commingle Blinebry Oil & Gas and Warren Tubb Oil Production in the subject well, located in Section 26, T-20S, R-38E, Lea County, New Mexico. A location plat is attached.

As required under rule 303 (c) of the NMOCD's Rules and Regulations, this letter well serve as notification of the proposed commingling to all offset operators.

Yours very truly

MJJ:pls Attachments

OIL CONSERVATION DIVISION SANTA FE

L. P. Thompson Division Manager

John R. Kemp Assistant Division Manager

Production Department Hobbs Division North American Production Conoco Inc. P. O. Box 460 1001 North Turner Hobbs, NM 88240 (505) 393-4141

October 29, 1980

Llano Inc.
Broadmoor Building
Hobbs, New Mexico 88240

Gentlemen:

Application to Downhole Commingle - Warren Unit No. 64

Conoco Inc. is making application to the NMOCD to downhole commingle Blinebry Oil & Gas and Warren Tubb Oil production in the subject well, located in Section 26, T-20S, R-38E, Lea County, New Mexico. A location plat is attached.

As required under rule 303 (c) of the NMOCD's Rules and Regulations, this letter well serve as notification of the proposed commingling to all offset operators.

Yours very truly

MJJ:pls

Attachments



L. P. Thompson Division Manager

John R. Kemp **Assistant Division Manager**

Production Department Hobbs Division North American Production Conoco Inc. P. O. Box 460 1001 North Turner Hobbs, NM 88240 (505) 393-4141

October 28, 1980

Kornegay 101 Eagle Drive Hobbs, New Mexico 88240

Gentlemen:

Application to Donwhole Commingle - Warren Unit No. 64

Conoco Inc. is making application to the NMOCD to downhole commingle Blinebry Oil & Gas and Warren Tubb Oil production in the subject well, located in Section 26, T-20S, R-38E, Lea County, New Mexico. A location plat is attached.

As required under rule 303 (c) of the NMOCD's Rules and Regulations, this letter well serve as notification of the proposed commingling to all offset operators.

Yours very truly,

MJJ:pls

Attachments

2368 2368 2368 2368 2368 2368 2368 2368	Canaca
28 -2363 -2363 -2360 -2303	Conoco Tamarack -2627 Kornegay
22	McCulloch <i>Kornegay</i> Bowden
-2423 -2415 -2425 -2416 -2426 -2426 -2426 -2426 -2426 -2427 -2419	Adobe Wise Kornegoy Gult A
-2418 Lindo Fed. C -2418 -2418 -2424 -2423 -2419 -2419	Blackmart Wise Adobe
Duncan 6 oil -2447 -2455 -2440 -2456 -2442 -2442	McCulloch
Rorrasgor 24 -2474 Slove Slove	
24 Trigg Waggoner Normegay Normega	Ingram Moore

NEW MEXICO OIL CONSERVATION DIVISION GAS-OIL RATIO TESTS

Revised 1-1-55

3

CU.FT./BBL GAS - OIL 900 RATIO State of GAS PROD. DURING TEST OIL BBLS 9 WATER GRAV. Organisa O 40.1 LEA LENGTH 2001 74 TEST ALLOW-DAILY ABLE d Scheduled TBG. SIZE PRESS. 54 6-1-80 P OPEN TYPE OF TEST - (X) Warren Tubb Oil DATEOF TEST 38E œ 205 LOCATION 88240 3 0. Box 460, Hobbs, New Mexico 4 ⊃ WELL o N 79 Unit Tubb LEASE NAME CONOCO, INC. Warren Assess citate t

I hereby certify that the above information is true and complete to the best of my knowledge and belief. During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is a located by more than 25 percent tolerance in order that well can be assigned.

ADMINISTRATIVE SUPERVISOR (Signature)

(Title)

(2) docum

Mail orlyinal and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base

increased allowables when authorized by the Commission.

will be 0.40.

No well will be assigned an allowable greater than the amount of oil produced on the official test.

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

C-116 Revised 1-1-65

Operator OONOO INC			Pool	۱ ـ	,	(7			<u>ાં</u>	County					
			7	Blin	ine bry	Or/	4	_	596		1007					
Address P. O. Box 460, Hobbs, N.M. 88240	18240						YPE EST	TYPEOF TEST - (X)	Sche	Scheduled		Comp	Completion		Special	J J
	1073		00	NOTACO		- U		3	100	DAILY	LENGTH	ā	30D. D	PROD. DURING TEST	rest	GAS - 011
LEASE NAME	NO.	2	s	-	α	TEST	UTATE	SIZE		ALLOW- ABLE	OF TEST HOURS	WATER BBLS.	GRAV.	OIL BBLS	GAS M.C.F.	RATIO CU.FT/BB
Warren Unit Blicebry	79	T	26	20	38	5-30-80	9	Open	45	40	24	5	38,2	90	0/ /	
								•								
					1											
														,		

														-		
													•			
					1										-	
														1		
											-					
									-				·			
																/
																/
						www.mon										
											:					
No well will be assigned an allowable greater than the amount of oil produced on the official test.	able great	than	the amon	int of o	1 produce	1 on the official	1				-	Ihe	ebv cer	tify tha	the above	I hereby certify that the above informatio

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

(Signature)



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer 1857 Roswell, New Mexico 88201

October 22, 1980

Div. Manager Alst. Div. i. ali

MORES O VALLER

John R. Kemp Conoco, Inc. P.O. Box 460 Hobbs, New Mexico 88240

Dear Mr. Kemp:

Your letter of July 29, 1980 requested approval for Conoco to downhole commingle production from the Blinebry and Tubb zones in Warren Unit well No. 64 in the NE½NE½ section 26, T. 20 S., R. 38 E., N.M.P.M., Lea County, New Mexico, lease LC-063458. Downhole commingling of the Blinebry and Tubb production of the subject well is hereby approved subject to like approval by the New Mexico Oil Conservation Division.

Allocation of combined oil production is to be 67 percent to the Blinebry zone, to be credited to the Blinebry participation area of the Warren Unit, and 33 percent to the Tubb zone, to be credited to lease LC-063458. Combined gas production allocation is to be 92 percent to the Blinebry zone, to be credited to the Blinebry participating area of the Warren Unit, and 8 percent to the Tubb zone, to be credited to LC-063458. This is the allocation scheme as proposed in your July 29, 1980, letter and previous correspondence.

Sincerely yours,

Kare E. Sayles

for Jerry W. Long

District Supervisor, Oil & Gas

OIL CONSERVATION DIVISION DISTRICT I

		•		
OIL CONSERVATION DIVISI P. O. BOX 2088	ION	DATE	November 6, 198	0
SANTA FE, NEW MEXICO 87	7501 OF CONTRACTOR	RE:		X .
Gentlemen:	Ŷ	or .		
I have examined the app	olication for the	e:	•	
Conoco Inc.	Warren Unit		26-20-38	
Operator	Lease and I	Well No.	Unit, S - T - R	
and my recommendations	are as follows:			
0.KJ.S.				
•				
		· .		
Yours very truly,				
Jenesta			• .	
/mc				