-Submit 3 Copies to Appropriate District Office

APPROVED BY-

CONITIONS OF APPROVAL, IF ANY

State of New Mexico Energy, Minerals and Natural Resources Department

Form C 103 Revised 1-1-89

OIL CONSERVATION DIVISION DISTRICT I P.O. Box 1980, Hobbs, NM S8240 WELL API NO. P.O. Box 2088 30-025-35466 Santa Fe, New Mexico 87504-2088 P.O. Drawer DD, Artesia, NM 88210 5. Indicate Type of Lease STATE FEE DISTRICT T11 T000 Rio Brazos Rd., Aztec, NM 87410 6. State Oil & Gas Lease No. SUNDRY NOTICES AND REPORTS ON WELLS *!!!!!!!!!!!!!!!!!!* (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE •APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well State F-1 OTHER 2. Name of Operator 8. Weil No. #11 Conoco Inc. 9. Pool name or Wildcat 3. Address of Operator Hardy Tubb Drinkard 29760/Hardy Blinebry 10 Desta Dr. Ste 100W, Midland, Tx,, 79705-4500 4. Well Location 1650 Feet From The _____ South __ Line and _____1830 ____ Feet From The ___ Unit Letter S NMPM Township 21S Range 36E County Section 10. Elevauon (Show whether DF, RKB, RT, GR, ctc.) Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: ALTERING CASING PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT CHANGE PLANS **TEMPORARILY ABANDON** CASING TEST AND CEMENT JOB PULL OR ALTER CASING X Downhole Commingle OTHER_ OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)SEE RULE 1103. K-11363 Conoco proposes to downhole commingle the Hardy Tubb Drinkard and the Hardy Blinebry. Both pools are pre-approved and ownership is the same. The Allocation percentages: Oil Gas 37% Hardy Blinebry: 71% 63% Hardy Tubb Drinkard 29% ***Only District approval is necessary DHC Crider Vc. HOB-0049 12. I hereby certify that the information above is true and complete to the best of my knowledge and belief. Regulatory Agent October 8, 2002 TELEPHONE NO. (915) 686-5798 Kay Maddox TYPE OR PRINT NAME (this space for State Use) ORIGINAL LIGNED : OCT 24 2002

- TITLE PETROLEUM ENGINEER

STRICT II

State of New Mexico Energy, Minerals and Natural Rasources Department Form C-107-A New 3-12-96

OIL CONSERVATION DIVISION

2040 S. Pacheco Santa Fe, New Mexico 87505-6429 - APPROVAL PROCESS:
Administrative Hearing

EXISTING WELLBORE

YES NO

811 South First St. Artesia NM 88210 2835 DISTRICT III 1000 Rio Brazos Rd. Aztec, NM 87410 1693

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc.	1(Desta Dr. Ste 100W, Midlan	d, Tx. 79705-4500
State F-1	# 11	Section 1, T-21-S, R-36-E,	S Lea
GRID NO005073 Property Cod	002105	Spacin	g Unit Lease Types: (check 1 or more) , State (and/or) Fee
The following facts ate submitted in support of downhole commingiling:	Upper Zone	intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Hardy Blinebry 29710		Hardy Tubb Drinkard 29760
TOP and Bottom of Pay Section (Perforations)	5960-5702'		6434-6460'
Type of production (Oif or Gas)	Oil		Oil
Method of Production (Flowing or Artificial Lilt)	Artificial Lift		Artificial Lift
5. Bottomhole Pressure Oil Zones - Artilicial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones:	a (Current) 2170 b(Original)	a.	a. 1480
All Gas Zones: Estimated Or Measured Original	o, o, g, i.e.,	b.	D.
8, Oil Gravity (°API) or Gas BT Content	38		38
7. Producing or Shut-In?			Producing
Production Marginal? (yes or no)			No
If Shut-In give date and oil/gas/ water rates of lsst production	Date Rates	Date Rates:	Date Rates
Note For new zones with no production history applicant shad be required to allach production estimates and supporting dara If Producing, date and oil/gas/water rates of recent test oil/gas/(within 60 days)	Dale 10/7/2002 Rates 34 BO, 135 BWPD, 64 MCFpd	Date Rates	Date 9/2/2002 Rates 52 BOPD, 46 BWPD, 98 MCFPD
8. Fixed Percentage Allocation Formula -% or each zone	oi:: % Gas 71 % 37 %	oil: Gas %	oit.
O. Are all working, overriding, an If not, have all working, overri Have all offset operators been Will cross-flow occur? Y	orting data and/or explaining not royalty interests identical in a diding, and royalty interests bee given written notice of the project X No If yes, are fluids coad, and will the allocation formul commingled zones compatible.	nethod and providing rate project commingled zones? In notified by certified mail? cosed downhole commingling? Impatible, will the formations in the properties of the provided by the provid	ections or other required data X Yes No Yes No Yes X No
 If this well is on, or communiti United States Bureau of Land 	zed with, state or federal land: Management has been notifie	s, either the Commissioner of d in writing of this application.	Public Lands or the X_Yes No
5. NMOCD Reference Cases for I	Rule 303(D) Exceptions:	ORDER NO(S).	
6. ATTACHMENTS * C-102 for each zone * Production curve fo * For zones with no p	e to be commingled showing it or each zone for at least one ye oroduction history, estimated p cation method or formula.	s spacing unit and acreage de ar. (If not available, attach ex roduction rates and supporting	dication. planation.) g data.
* Notification list of a * Notification list of a	ill offset operators. working, overriding and royalt ements, data, or documents req		
* Notification list of a * Notification list of a	all offiset operators. working, overriding and royalt ements, data, or documents req	uired to support commingling	

MORNING REPORT

WELL NAMI	VELL NAME & NUMBER State F1 #11 FORMATION Blinebry												
OIL CUME 896 MISCELLANEOUS NOTES:													
				DAILY	OIL ALL	OWABLE		BOPD					
1		TOTA	AL ALLO	WABLE	E OIL PE	R MONTH							
ESTIN	MATED MO	NTHL'	Y OIL T	OTAL A	T PRESE	ENT RATE	1202		[
					G	AS CUME	1509	MCF]				
				DAILY (GAS ALL	OWABLE		MCFD					
		-	PRODU	CING D	AYS THI	S MONTH	31]					
	Т					R MONTH		MCF					
	T												
	Month-				l								
	end prod.											Percent	
Date	Est.	OIL	WTR	wc	GAS	GLR	SUBMG	Тр	Ср	FLP	Choke	Run Time	
9/6/02							4283	0	vac				Started pu after well service
													put well thru test unit put on Delta X pumping
9/9/02		0			0		2261	350	200	50	n/a	35%	all water
9/10/2002	46	46	52	53%	139	1418.37		325	50	50	n/a	79%	
07.10.000				-									Delta X failed, well not pumping , lowered
9/11/2002	5	5	19	79%	12	504.167	1210	325	50	50	па	20%	rods.
9/12/2002	72	72	84	54%	54	346.154	428	325	171	50		67%	
9/13/2002	79	79	46	37%	91	728	946	325	40	50		76%	
9/16/2002	50	50	128	72%	111	623.596	1107	325	41	50		84%	
9/17/2002	50	50	157	76%	107	516.908	900	325	58	54		91%	
9/18/2002	30	30	109	78%	58	417.266	654	325	63	63		48	
9/19/2002	30	30	101	77%	49	374.046	555	325	33	33		91%	
9/23/2002	130	130	465	78%	189	317.647	824	325	40	40		91%	Production for 3 days
9/24/2002	32	32	124	79%	54	346.154	826	325	40	40		91%	
9/25/2002	32	32	115	78%	56	380.952	946	325	46	46		91%	
9/26/2002	14	14	131	90%	50	344.828	887	325	48	48		91%	
9/27/2002	36	36	158	81%	59	304.124	649	325	48	48		91%	
9/30/2002	94	94	345	79%	156	355.353	667	350	49	49		100%	
10/1/2002	36	36	110	75%	56	383.562	661	350	50	50		100%	
10/2/2002	35	35	59	63%	53	563.83	721	350	50	50		100%	
10/3/2002	18	18	59	77%	47	610.39	662	350	50	50			Changed spm to 9.75spm
10/4/2002	35	35	110	76%	40	275.862	124	350	50	50			Well down 2 hrs
10/5/2002	38	38	117	75%	64	412.903	110	350	50	50		98%	
10/7/2002	34	34	136	80%	64	376.471	120	350	50	50		68%	
	34												
	34												
	34												
	34												
	34												
	34		[
	34								-				
	34												
	34							\longrightarrow					
Total	1202	896	2625		1509								

Date: 9/9/2002 Time: 12:36 PM (4) (4) 1 CONOCO INCORPORATED HARDY 4 Oxy St. F[#] ;**-**|-Project: P:\Power tools\StateF1-commingle.mdb Operator: Field Name: :4: j. STATE F 111 ÷ STATE F 110 \bigcirc : <u>1</u>. ٠ STATE F 009 State F1 Lease Well Locations * * STATE F 1 (10) LEA, NM 1 21S 36E 4: **3 3** ... • rower I oois Map N Lease Name: County, ST: Location:

A copy of the C-103 application to downhole commingle the following wells has been sent to the Commissioner of Public Lands for the State of New Mexico.

State F-1 # 15 Oxy State F-1 #1 State F-1 #11 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 Resource's Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-101 Revised February 10. 1994 Instructions on back Submit to Appropnate District Offico State Lease - 6 Copies Fee Lease - 5 Copies

AMENDED	REPORT
' CIVILLIADED	KLA OKI

APPLICA	ATION	FOR PE	RMIT	TO DR	LL, RE-E	NTER, DE	EEPF	EN, PLUGE	ACK,	, OR AI	DD A ZONI		
Conoc		Ste 100\W		Operator Na	me and Address		<u></u>			0			
i										20.0			
' Pro pe	nty Code					Property Name 'Well No.							
00:	3105					State F-1					#11		
					' Surface	Location				···	·		
UL or lot no.	Sec tion	Tov/nship	Range	Lot Idn	Feet fr om the	North/South	line	Feet from the	East/W	le st line	County		
S	1	218	36E	_	1650			1830		Vest	Lea		
		s Pr	oposed	Bottom	Hole Loca	ation If Dif	fere	nt From Sur	face				
UL or lot no	Sec tion	Township	Range	Lot Idn	Feet from the	North/South	line	Feet from the	E as t/W	es tline	County		
		OP. Ste. 100W TX. 79705-4500 OR State F-1 Surface Location Goal Township Range Lot Idn Feet from the North/South line Feet from the Sat/West line County 1 21S 36E 1650 South 1830 West Lea S Proposed Bottom Hole Location If Different From Surface Goal Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 1 Proposed Pool 1 Hardy Tubb Drinkard 29760 OR S 33504' 17P reposed Pool 1 Hardy Tubb Drinkard Depth 18 Formation 19 Contractor 20 Spud Date 21 Pro gosed Casing and Cement Program Casing Size Cas in given 18 for set from 25 Ack give the data on the present productive zone and proposed new productive lowout prevention, program, if any Use additional sheets if necessary Located Tubb w/RBP @ 6400' (5690-3702') Located Tubb w/RBP @ 6400' (5690-3702') Located Tubb w/RBP @ 6400' (5690-3702') Located Tubb w/RBP @ 6400' (5690-3702')											
	Haro	dy Tubb Di	rinkard 2	29760	····			Hardy Blin	ebry 29	9710			
			Well Type	Code	" Cah	le/Rotary	_	"I case tune Co	do I	14 Group	nd Laval Elevation		
" Work T	y pe Code			Code		-			ode	14 (100)			
							ļ			20			
yes													
I	,,,	<u>l</u>	21	Propos	ed Casiina	and Cemer	ıt Pr	Ogram					
Hole Si	ze	Casin									Estimated TOC		
Same as or	iginal	,	·								··		
zone. Describe Conoco propose and then downh 1. MIRU, POO 2. Clean out pa 3. Run bit & sc 4. Perforate Blit 5 Acidize, frac	the blowoutes to performole commind the winds & raffin if near raper. Isolanebry (5690), cleanout	ate the Blinet ngle with the by tbg cessary ate Tubb w/RI 0'-5702')	program, if ory (Hardy established BP @ 6400	anyUse ad Blinebry po Tubb produ	ditional sheets if ool 29710), prod action (Hardy Tu	f necrssary. duce this well for ubb Drinkard 29'	30 da 760) P	ys, establish produ re-approved pools	iction,	nd proposed	I new productive		
6. Establish pro 7. Pull RBP, do						O-District office f	or app	roval					
23 I hereby cenif	y that the in	formation give	en above is t	rue and comp	lute to the best			<u> </u>					
of my knowledge			1.	P			11/0/6	ONSERVA	TION	DIVIS	ION		
Signature:	YW		A FAON			Approved by:		PAUL F. KAI	JTZ				
Printed name:		Kay Ma	iddox /			Title:	PEH	ROLEUM EN	GINEE	R			
Title:	V	Regulatory	· · · ·			Approval Date	₹ 1	9 2002	Expiration	n Date:	······································		
Date			Phone			Conditions of Ap	proval:	. 1					
Apr	il 17, 200	02	(9	915) 686-:	5798	Attached							

District I POBox 1980, Hobbs. NM88241-1980 State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 21, 1994 instructions on back Submit to Appropriate District Office

District II PODrawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd. Aztec, NM 87410

UL or lot no.

12 Dedicated Acres

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

District IV PO Box 2088, Santa Fe. NM 87504-2088

Section

13 Joint or Infli

Township

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number				2 Pool Code 3 Po ol Name							
30-	-025-354	66		29760		Hardy Tubb Drinkard					
4 Property	Code		•		5 Propert	ty Name		6 W	6 Well Number		
00310	5				State F	-1			#11		
7 OGRID No					9 E	9 Elevation					
005073 Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500)	3504'				
					10 Surface	Location	•				
UL or la no.	Section	Town ship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
S	1	21S	36E		1650	South	1830	West	Lea		

40
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

North/South line

Feet from the

East/West line

County

Feet from the

15 Order No.

Lot Idn

Range

14 Consolidation Code

16				17 OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is
				true and complete to the best of my knowledge and be lief
		İ	•	. 7
				1 / 201 1
		<u> </u>		Lay Madder
				Signature
				Kay Maddox
		ļ		Regulatory Agent
				April 16, 2002
				Date
		<u></u>		to GUIDANEMOD GEDTUNG A THOM
!	<u> </u>	j		18 SURVEYOR CERTIFICATION
)	1		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
1				correct to the best of my belief.
1830				
	•			Date of Survey
				Signature and Seal of Professional Surveyor:
		1		
	1650			
	100			
				Certificate Number
}				Certificate Number

District | POBox 1980, Hobbs. NM 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 21, 1994 instructions on back Submit to Appropriate District Office

District II PODrawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd. Aztec, NM87410

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

State Lease - 4 Copies Fee Lease - 3 Copies

District IV POBox 2088, Santa Fe. NM 87504-2088

		W	ELL LO	CATIO	N AND A	CREAGE DED	ICATION PI	LAT					
AF	PI Numbe	er		2 Pool	Code			3 Po ol Nam e					
30-	025-354	66		29710		Hardy Blinebry							
4 Property (Code					perty Name		6 Well Number					
003105						te F-1	· · · · · · ·	#11 9 Elevation					
7 OGRID No.		_		40 D = =4=	•	erator Name	TV 70705 4500	,	9 61				
005073	3	Cor	TX 79705-4500	<u> </u>		3504'							
	0.4	Temperature	Т в	Lot Idn	10 Suria	ce Location North/South line	Feet from the	East/Wes	t line	County			
UL or laino.	Section	Town ship		Lot lun			1	Wes					
S	1	218	21S 36E 1650 South 1830 11 Bottom Hole Location If Different From Surface							Lea			
UL or lot no.	Section	Township		ttom Ho	Ie Locatio		rom Surface	East/Wes	t line	County			
UL of fol file.	Section	Township	Kange	Eot lair		115/03/0040/11/0)			
12 Dedicated Acres	13 Join	it or Infil 1	4 Consolidati	on Code 15	Order No.					l			
	1 75 55.7		, 00,1100,120,1										
NO ALLOW	VABLE	WILL BE	ASSIGNE	D TO TH	IS COMPLE	TION UNTIL ALI	INTERESTS H	AVE BEE	N CON	ISOLIDATED			
NO MELO		OR A	NON-ST	ANDARD	UNIT HAS	BEEN APPROVE	D BY THE DIV	ISION					
16							17 OPE	RATOR	CERT	IFICATION			
:							11	· ·		ontain ed her ein is			
							true and comp	olete to the bes	tofmykn	ow ledge and be lief			
							1	. 1					
								V .	Λ	0			
								Xan V	Mr de	(ω)			
							Signature	(V)	juur	<u> </u>			
							Printed Nam		Maddo	<u> </u>			
							Frinted Nam	Regulat	orv Ag	ent			
						1	Title						
				1				April	16, 200	2			
		<i>T.I.I.I.</i>				1_ W	Date						
						F- 4.55	18 SUR	VEYOR	CERT	IFICATION			
	,					1325	1 1			shown on this plat			
				1			I I			surveys made by me e same is true and			
100	20						1.1	e best of my be					
1830			0						<u> </u>				
			A				Date of Surv		` ⊖ ' besiond €) in exerc			
		,,,,	,,,,,				Sylamean	nd Seal of Prof	casioniai S	uiveyu.			
									e de la composición br>La composición de la	<i>!</i> '			
								2000-10					
		50											
		1650					Certificate N						