2/08	2017	SUSPENSE	ENGINEER	205/2017	TYPE PL	Roy MAM 170404 6065
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		ADMI	NISTRATIVE	APPLICATIO	<b>DN CHECK</b>	LIST
	ation Acro [NSL-Nor [DHC [I	onyms: n-Standard Loc -Downhole Com PC-Pool Commi [WFX-Wat [SW	VHICH REQUIRE PROCES ation] [NSP-Non-St nmingling] [CTB-L ingling] [OLS - Off terflood Expansion] D-Salt Water Dispos	E APPLICATIONS FOR EX SSING AT THE DIVISION L andard Proration Ur ease Commingling] -Lease Storage] [ [PMX-Pressure M al] [IPI-Injection P Certification] [PP	EVEL IN SANTA FE it] [SD-Simultan [PLC-Pool/Le OLM-Off-Lease I aintenance Exp Pressure Increas	ase Commingling] Measurement] ansion] e]
[1]	TYPE O	F APPLICAT	ION - Check Those n - Spacing Unit - Si	Which Apply for [A] multaneous Dedication SD	] Pa on - /	Apache Corp 823
		Check One Only B] Commin	ngling - Storage - Me	easurement PLC X PC		U-e11 -Statecietter 30-025-06672
	[			re Increase - Enhance SWD IPI [		PPR + 5 W 2115 POUL
	[	D] Other: S	pecify			- puddakic
[2]				ek Those Which App verriding Royalty Inte		1.1.1
	[	B] 🗌 Off	Set Operators, Lease	holders or Surface O	wner	60240
	[	C] 🗌 Ap	plication is One Whi	ch Requires Publishe	ed Legal Notice	-Penrosceskelly Guayburg 50350
	.[			current Approval by Commissioner of Public Lands,		50350 - Prinkerd
	[	E] 🗌 For	all of the above, Pro	oof of Notification or	Publication is A	
	[	F] 🗌 Wa	ivers are Attached	r		

#### [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

REESA FISHER	Reesa Jishan	SR STAFF REG ANALYST	2/1/2017
Print or Type Name	Signature	Title	Date
		Reesa.Fisher@apachecorp.com	
STATE C	KBATTERY	e-mail Address	



February 10, 2017

State of New Mexico OIL CONSERVATION DIVISION 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Application for Surface Commingling, Measurement of Individual Well Production Township 21 South, Range 37 East, Section 19 State of New Mexico Lease ST NM A0-4096 Lea County, New Mexico

To Whom It May Concern:

The State /CK/ lease contains seven active wells, all with identical ownership. In order to correctly allocate production to the appropriate wells, and by extension, pools, Apache Corporation operates one test separator and a free-water knockout at its State /CK/ battery. Each well is put in to the test separator at least once per month in order to meter the production of that well. These well tests are then used to allocate production back to each well proportionally based on the lease's daily production.

If you have any question regarding the aforementioned, please do not hesitate contacting the undersigned at (432) 818-1961

Sincerely, APACHE CORPORATION

hou

Jacob Bower Production Engineer jacob.bower@apachecorp.com

Z APACHE CORPORATION 303 VETERARS ARPHAX LAKE / SUITE 3000 . MIQUARD, TEXAS TSTAB-8900 TEL (452) BIA 1000

<u>District I</u> 1625 N. French Drive, Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St Francis Dr, Santa Fe, NM 87505 State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION 1220 S. St Francis Drive Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

#### APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Apache C	Corporation				
OPERATOR ADDRESS: 303 Veter	rans Airpark Lane Mi	dland TX 79705			
APPLICATION TYPE: STATE 'CK'	LEASE (7) WELLS				
Pool Commingling Lease Comminglin	g Pool and Lease Cor	mmingling Off-Lease	Storage and Measu	rement (Only if not Surface	e Commingled)
LEASE TYPE: 🗌 Fee 🛛	State 🗌 Fede	ral			
Is this an Amendment to existing Order					
Have the Bureau of Land Management ⊠Yes □No	(BLM) and State Land	office (SLO) been not	ified in writing	of the proposed comm	ingling
	(A) <b>POO</b>	L COMMINGLIN	G		
	Please attach sheet	s with the following in	formation		
	Gravities / BTU of	Calculated Gravities /		Calculated Value of	
(1) Pool Names and Codes	Non-Commingled Production	BTU of Commingled Production		Commingled Production	Volumes
Grayburg (50350)	34	Troduction		Troduction	SEE
Paddock (49210)	34	-			ATTACHED
Blinebry (6660) / (72480)	37				WELL
Tubb (60240) Apprvd C-101 Well 001	37				TEST
Drinkard (19190)	37	-		-	SHEETS
(2) Are any wells producing at top allowal	oles? Yes No				
(3) Has all interest owners been notified b		posed commingling?	Yes No.	N/A	
	Other (Specify)				
(5) Will commingling decrease the value of	of production? Yes	⊠No If "yes", descril	be why commingl	ing should be approved	
	(B) LEAS	SE COMMINGLIN	G		
	Please attach sheet	s with the following in	formation		
(1) Pool Name and Code.					
(2) Is all production from same source of s					
(3) Has all interest owners been notified by		osed commingling?	Yes N	0	
(4) Measurement type: Metering	Other (Specify)				

#### (C) POOL and LEASE COMMINGLING Please attach sheets with the following information

(1) Complete Sections A and E.

#### (D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

Is all production from same source of supply? ☐Yes ☐No
 Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types) Please attach sheets with the following information
(1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.
I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE: Klosa fisher TITLE: Sr Staff Regulatory Analyst DATE: 2/1/2017
TYPE OR PRINT NAMEREESA FISHER    TELEPHONE NO.:432-818-1062

E-MAIL ADDRESS: \_\_\_\_Reesa.Fisher@apachecorp.com \_

## LIST OF STATE CK LEASE WELLS TO SURFACE COMMINGLE

......

\_\_\_\_\_

	LIST	OF STATE CK I	LEASE WELLS TO	SURFACE CC	DMMINGLE		
WEL	L WITH API		EGAL DESCRIPTION		Active Pools		
State CK #2 State CK #3 State CK #4 State CK #5 State CK #6	(30-025-06672) (30-025-06673) (30-025-20540) (30-025-34776) (30-025-35303) (30-025-36376) (30-025-36377)	1650' FSL & 220 330' FSL & 1549 1650' FSL & 188 1743' FSL & 168 990' FSL & 2140	9' FWL Unit N, Sec 19, 07' FWL Unit K, Sec 19 9' FWL Unit N, Sec 19, 30' FWL Unit K, Sec 19 30' FWL Unit K, Sec 19 0' FWL Unit N, Sec 19, 10' FWL Unit K, Sec 19	, T-21S, R-37E T-21S, R-37E , T-21S, R-37E , T-21S, R-37E T-21S, R-37E	Drinkard/Paddock ( Drinkard/Blinebry/F Blinebry/Paddock Paddock/Blinebry Grayburg Grayburg Grayburg	an an a' Chine an an an Anna an Anna an Anna an Anna an Anna	

#### NEW M<sup>\*</sup> TCO OIL CONSERVATION OF MAUSSION Santa Fel New Mexica

(Form C-104) Revised 7/1/57

REQUEST FOR (OIL) - (CAR) AND OWABLE WAS

New Well Recompletion

Form C-104 is able will be as month of com	to be sub- signed effe	nicæd in ( ective 7:00 recomple	by the operator before an in QUADRUPLICATE to the O.A.M. on date of complete tion. The completion date at be reported on 15.025 pairs	e same District Office to a ion or recompletion, prov shall be that date in the ia at 60° Fahrenheit.	which Form C vided this form case of an oil	-101 was sent. n is filed durir well when new	The allow- ng calendar woil is deliv-
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(Comp	any or Ope	relor	(Lease T	<b>;</b> }			
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DC	B		The Colligas Pay 515 PROXING INTERVAL -	3. Nation of Proc	. Form.	addock	
E P	G	H	Perforations 5153!-	51661 w/2 SPF	67531	Depth Tubing 51	1501
L	J	I	CIL WILL TRAT - Natural Frod. Test:	BB/ 54 763 4 0	bls water in 🖄	hrs,	Choke min. Size
M N	0	P	load oil usec). 99	une fixatment (al es) eco _bbls.olinols		•	
330 F/S x 2				Mid (Dave Hou			
Sin	Frei	Sar	Test After Alid on Fract	, back pressure recording the second se	WCF/23	ay; Hours flowe	edbe
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Remarks:	Dual co	pletio	n approved 1-19-62	per N.M.O.C.C. Orde	r. MC-1147.		·····
			rmation giver above is tri		st of my knowl	edge.	
		-		By:	Company or Ope	rator)	
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	OIL	 
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PROSATION OFFIC	E	_
OPERATON .	».	

# EW MEXICO OIL CONSERVATION MMISSION

FORM C-128

Revised 5/1/57

# WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

OPERATOH								
- <u></u>			SECTION	A				
Operator	<b>.</b>		l.ease	<u>.</u>	L (5) # P (1)		Well No.	
	Petroleum C			State			1	<u></u>
Unit Letter N	Section	Township	Range	20 5	County	•		
N Actual Footage L	19	<b>21-</b> S		37-е	<u>`</u>	Lea	··	
<b>33</b> 0	feet from the	South line	e and <b>2209</b>	fe	et from the	Joat	line	
Ground Level Ele			Pool		e nom me		Dedicated Acreage	•
3516 RDB	Paddoc			lindeat	gnated		40	Acres
who bas the ri another. (65- 2. If the answer t wise? YES 3. If the answer t	ght to drill into and -3-29 (e) NMSA 19 o question one is ' NO I	the dedicated acte. d to produce from ar 35 Comp.) "no," have the inte f answet is "yes," 'no," list all the o	y pool and to appro ests of all the own Type of Consolidat eners and their resp	priate the ers been c ion pective int	production ei consolidated b erests below:	ther for hims by communiti	self or fo <mark>r himse</mark> lf	and
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		SECTION B					CERTIFICATION	
						in SECTIC plete to th belief, Name Position Area Su Company Pan Ama Date	errify that the inio IN A above is true e best of my know aperintendent prican Pet. ( 23, 1962	and com- iedge and
		►0 				shown on the plotted from surveys manual supervision and correct and belief Date Survey Register control of the start st		ON B was itual my ne is true knowiedge

District 1			State	of New M	exico		· · · · · · · · · · · · · · · · · · ·	Form C-
1625 N. French Dr., 1 Phone: (575) 393-614 District II	Hobbs, NM 88240 61 Fax: (575) 393-0720		·····			urces	·····	Revised July 18, 20
811 S. First St., Arte Phone: (575) 748-12	sia, NM 88210 83 Fax: (575) 748-9720	HOBBS	OCD Oil Cor	servation l		· · · · · · · · · · · · · · · · · · ·		MENDED REPOR
	id, Aztec, NM 87410 78 Fax: (505) 334-6170	DEC 3 0 2		uth St. Fra			······································	
District IV	78 Fax: (505) 334-6170 Pr., Santa Fe, NM 87505			a Fe, NM 8			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Phone: (505) 476-34	60 Fax: (505) 476-3462	RECEIV	'ED					
APPLIC	ATION FO		O DRILL, RE-E	NTER, DE	EPEN, P	LUGBAC	K, OR AD	D A ZONE
	· · · · · · · · · · · · · · · · · · ·	<sup>1</sup> Operator Name	and Address	······································	······································		<sup>4</sup> OGRID Numl 873	er ::::
Apache Corp	oration: 303 Ve	eterans Airpark L	ane, Suite 1000 Midla		5		API Number 30-025-066	
* Propert	y Code		State CK	Name				ell No.
			<sup>7</sup> Surface L			e ser er inder		
UL - Lot	Section Townshi		Lot Idn Feet f		Line	Feet From	E/W Line	Counity
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	·····	Tubb Oil & C	Pool Name					Pool Code
				<u> </u>			6	
II: Work	Туре	<sup>12</sup> Well Type	Additional Well		<sup>14</sup> L	еазе Туре	<sup>15</sup> Gro	und Level Elevation
A In Mult		0 17. Proposed Depth				State Contractor		3516' <sup>20.</sup> Spud Date
No		6753' TD / 6670'						3/1961;Add 01/20
Depth to Ground	1 water	Dista	ince from nearest fresh water	well		Distance	to nearest surface	water
We will be	using a closed-lo	op system in lieu o	f lined pits		•			· · · · · · · · · · · · · · · · · · ·
		21.	Proposed Casing and	Cement Pro	gram	···· · · · · · · · · · · · · · · · · ·	······································	
Туре	Hole Size	Casing Size	Casing Weight/ft	Setting	Depth	Sacks of C	Cement	Estimated TOC
Existing	12-1/4"	8-5/8"	24#	12	25'	650 :	sx	Surface
Existing	7-7/8"	5-1/2"	14# & 15.5#	67	53'	675	sx J	2400' CBL
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		······································		······································	· · · · · · · · · · · · · · · · · · ·
			ng/Cement Program:		فتعياب بياباتها ويتفعناك بسينعا	·		
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Currently in F		22.	Proposed Blowout Pr					
Currently in F	Paddock & Drin	22.	Proposed Blowout Pr Working Pressure		<b>gram</b> Test Pressur	e	Ma	anufacturer
Currently in F		22.				e	Ma	anufacturer
	Туре	22			Test Pressur			
<sup>23</sup> I hereby cert best of my know	Type ify that the informative dege and belief.	ation given above is	Working Pressure	evention Pro	Test Pressur OIL CO		Ma TION DIVIS	
<sup>24.</sup> I hereby cert best of my knov I further certif 19:15, 14:9 (B)-	Type ify that the informative dege and belief.	ation given above is plied with 19.15.14.	Working Pressure		Test Pressur OIL CO			
<sup>24</sup> I hereby cert best of my know I further certil 19:15.14.9 (B) Signature	Type ify that the informative wedge and belief by that I have com NMAC _, if app LOGG Jun	ation given above is plied with 19.15.14.	Working Pressure	evention Pro	Test Pressur OIL CO		TION DIVIS	ION
<sup>23</sup> I hereby cert best of my know I further certif 19:15:14:9 (B) Signature: Printed name:	Type ify that the informa- viedge and belief by that I have com NMAC , if app <i>LEQG JUM</i> Reesa Fisher	ation given above is splied with 19.15.14.	Working Pressure	Approved By Title:	OIL CO		TION DIVIS	
<sup>14</sup> I hereby cert best of my knov I further certif 19:15, 14:9 (B) Signature: Printed name: Title: Sr Staff	Type ify that the informa wiedge and belief by that I have com NMAC [], if app <i>Leag</i> Jun Reesa Fisher Reg Analyst	ation given above is plied with 19.15.14. hor	Working Pressure	Approved By	OIL CO		TION DIVIS	ION
<sup>14</sup> I hereby cert best of my knov I further certif 19:15, 14:9 (B) Signature: Printed name: Title: Sr Staff	Type ify that the informative wedge and belief by that I have com NMAC , if app <i>LOGC</i> Reesa Fisher Reg Analyst Reesa Fisher(	ation given above is splied with 19.15.14.	Working Pressure rule and complete to the 9 (A) NMAC and/or	Approved By Title:	OIL CO	ONSERVAT	TION DIVIS	ION

NBOD TO AMEND DHC ONDER

District   625 N. French Dr., H	AND RETAIL	n			State of N	New Mexico tural Resources E ATION DIVISIO St. Francis Dr. NM 87509 CREAGE DEDIC	_			Form C-1
hone: (575) 393-6161			Ener	gy, Mi	nerals & Na	tural Resources	Banment		Revise	ed August 1, 20
tistrict II 11 S. First St., Artesi				OIL	CONSERV	ATION DIVISIO	N OC	Subr	mit one co	opy to appropri
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000 Rio Brazos Road hone: (505) 334-6178					Santa Fe	NM 8750	- 02016	1		NDED REPO
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UL or lot no.	Section	Township	Range	Lot Idr			Feet from the	East/Wes	t line	County
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	<u> </u>	Township	" BC Range	Lot Idr		n If Different From	m Surface Feet from the	East/Wes		<b>C</b> t
								I PASDWES	i une i	County
	s section	•••••	Consolidation		<sup>5</sup> Order No.					··· •
Dedicated Acres 40 o allowable v	s <sup>13</sup> Joint o	r Infill   <sup>14</sup> (	Consolidation	Code <sup>15</sup>	<sup>3</sup> Order No.	ave been consolidated				proved by the
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	Signature and Seal of Professional Surveyor:
	Signate and Sear of Trotessonal Sarreyor.

Certificate Number

Date of Survey

330

2209

#### NEW LICO OIL CONSERVATION COMM ON Santa Fe, New Mexico

(Form C-104) Revised 7/1/57

## REQUEST FOR (DIL) - (045) ALLOWABLE

New Weil Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

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NEW MEXICO OIL	CONSPRVATION	COMMISSIO
	UUNGER TAI IUN	

Santa Fe, New Menito

(MULTIPLE COMPL.TI.S.)

	21114 11	11	7	-39
WELL	RECORD			

State CK

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completions of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 646 ACKES LOCATE WELL COMBROTLY

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Pan American Petro	leum Corr	oration			State CK	
. (0	lengthic or Opera	der)			(Les.m)	
Well No. 2	, in NE		%, of Sec19	, T 219	<u>₽ 378</u>	, NMPM.
Drinkard-Blinebry-	-Paddoek	40 Mijes (89 st 5 st 46 s s s s ***	Pool Le	8		County.
Well is 1650						
of Section 19	U St	ate Land the (	Al and Gas Lease No. is.	A-409-6	) 	******
Drilling Commenced	1-27-	••••	, 19.62 Drilling w	as Completed	2-2	, 1962
Name of Drilling Contracto	King-	Phillips	Inc.			
Address	Fort	Worth, To	9327.8			********

., 19.....

#### OIL SANDS OR ZONES

No. 1, from		No. 4, from
No. 2, from 5803	<u>to5939</u>	No. 5, from
No. 3 from 5158	5168	No. 6. form

#### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation	on to which water rose in hole.	
No. 1, from	to	
No. 2, from	10	
No. 3, from	to	
No. 4, fram	to	

	CABING RECORD									
81 <b>82</b>	WEIGHT FER FOOT	NEW OR USED	AMOUNT	EIND OF	CUT AND PULLED FROM	PERFORATIONS	FURPOSE			
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9 5/8"	32.3-36#	New	2644				Int			
71	20-23#	Naw	6798	Guide		*	011 String			
				1			1			

#### MUDDING AND CEMENTING RECORD

BIER OF ROLE	SIZE OF CASENG	WREEL GF7	NO. BACKS OF CEMENT	MITHOD USED	MUD GRAVITY	AMOUNT OF MCD USED
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12 1/4	9 5/8	2635	200	11 H		
8 3/4	7ª	6754	585	it ti		

#### BECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

# 6649-59 1000 gal acid-Drinkard

5803-5938, 1500 gal acid S-O-F 20,000 oil-30,000# Sn,-Blinebry

5158-5168, 500 gal acid-Paddock

Result of Production Stimulation Drinkard - PT Flw 38 Bo x 6 BW 12 hours

Blinebry- PT Flw 81 EO x O Bw 24 hours

Faddock-77 BO x O BW, 24 hours

Depth Cleaned Out 6709

#### NEW N TCO OIL CONSERVATION COMMUNIC IN Source Fel New Mexico

(Form C-104) Revised 7/1/57

#### REQUEST FOR (DIL) - (GAS) ALLOWABLE New Weil HOBBS CFFICERGGEDiction

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gat well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent The 2 lowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provide Startown is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil it delivered into the stock tanks. Cat must be reported on 15.025 psia at 60° Fahrenheit

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#### NEW N TCC OIL CONSERVATION COMME 3N Santa Fe, New Mexico

(Porm C-104) Revised 2/1/57

REQUEST FOR (DIL) - OBES) AT LOWABLE Multiple Recompletion HOBBS OFFICE Recompletion ited by the operator before an initial allowande will assigned to any completed Oil or G well. This form shall be su Form C-104 is to be submit of in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allow-able will be assigned effective 7:00 A.M. or date of completion or recompletion, provided this form is filed furting galandar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new of is defive ered into the stock tanks. G is must be reported on 5.025 psia at 60? Eabrenheit.

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2"		5560		1 · ·		ipe Line Company		
<b>6</b>	<u>3</u> 12	1 000	-	l des Transporter	Skelly	Oil Company		
mark	s:	·····		· · · · · · · · · · · · · · · · · · ·		······································	·····	
	Multi	ple com	pleted	well, Drinka	rd, Blineb	ry, Paddock.		
	•••• • • • ·			·····				
Б	ereby ce	rtify that	t tas เกร็ด		we is true and	d complete to the best of my	knowledge.	
	्राज्य <b>२</b> ल				10	Pan American Petro	leum Corporation	
hinu		•		•••••		Combank	or operatory	
		ONCEDS	76-17-14	COMMISSION		(702 - Constanting by: By:		
	UIP:C	OUSEV		7		;Sig	กลเนา	
		" )				Area Superinte	ndent	
	ť	· • • • • • • • • • • • • • • • • • • •			•. •	Send Communicati	ons regarding well to:	
le		•-•	••••			V. E. Staley		
			t				New Youries	
						ddress Box 68 - Hobbs	······································	

NUMBER OF COMES AFCEIVE STAILS FOR FLE U.3.6.3 LAND OFFICE		EW MEXIC WELL LOCATIO		SERVATION REAGE DEDI			M C-128 sed 5/1/57
TRANSPORTER GAS	·	SEE INSTRUCTIONS FO	OR COMPLETI	NG THE FORM ON	тне ре ус	RSE SIDE	
PROBATION DEFICE				and a second	The second second	<u>v</u>	
		<b>S</b> *	ECTION A	1962 APR 11	AM 10	20	
Operator		1	ease			Well No.	
	Television						
Unit Letter	Section	Township	Range	County			
Actual Footage Lo	ocation of Well:	<u> </u>				······································	
	feet from the	lire and	• .	feet from the		line	
Ground Level Elev	v. Producing Fo		Pool			Dedicated Acres	ige:
	<u> </u>	Blinebry		Blinebr	<b>y</b>	<u> </u>	Acres
another. (65- 2. If the answer t wise? YES	-3-29 (e) NMSA 193 to question one is " NO If	d to produce from a y pool a 35 Comp.) "no," have the interests of f answer is "yes," Type of "no," list all the owners ar	all the owners f Consolidation nd their respect	been consolidated	by communiti		
(*	·						
	······································	SECTION B		, <u></u>	]	CERTIFICATIO	ini
		ILLEG	IBLE		in SECTION plete to the belief.	ertify that the in iV A above is tr in best of my known in Signol by:	ue and com-
					Position Frid Company		
					shown on t plotted fro surveys ma supervisio		TON H was actual ler my sanig is true
330.660	990 1320 1650 19	<b>360 Z310 Z640 Z000</b>	1500 /0	00 500 0	i	futessional h d Surveyor No.	ngineer

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	SEE	INSTRUCTIONS	FOR COMPL	ETING THIS FOR	NON THE REVI	ERSE SIDE	-
Operator							Vell No.
Pan Amer	Can Petr	Township	P	Range	Cousty	· · · · · · · · · · · · · · · · · · ·	2
K	19	21 So	uth	37 Bast	Coulty	Lea	L
Actual Footage I	ocation of Vell:					West	··· ·
1650 Ground Level Ele	feet from the	South Formation		2207-5	feet from the		line edicated Acreage:
Not Yet Av		rinkard			ignated		40,
who has the r smother. (65 2. If the answer wise? YES_	ight to drill into -3-29 (e) NMSA to question one NO	and to produce ( 1935 Comp.) is "no," have to . If answer is "	from any pool he interests of 'yes,'' Type o	and to appropriate	the production e	uber for bimse by communitis	("Owner" means the off or for himself and nation agreement of a
J. LI the shewer	to drestion (mo	is "bo," list al	the owners a	Land Der		•	4
·····							·
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	an a				······	 ¬_	
		SECTI	ON B				ERTIFICATION
							rtify that the inform
				l l			N A above is true as best of my knowled
						belief.	· · · · · · · · · · · · · · · · · · ·
	1			i i		Name	
			¢			Origi	nal Signed by:
						Position	
	. !			1		Area St	perintendent
	1			1			erican Pet. Co
	į			Ì		Date	7 19 <b>, 1962</b>
				1		( vanuar)	1 1/1 1/00
				į			
						1 hasabu	etify that the well lo
						shown on t	be plat is SECTION
				TED P			n field notes of actu de by me or under m
22	07.6			CHGINEEN & LA		supervision	, and that the same
		. 1		Y SAN OA			to the beat of my h
				676	EYOR	and belief.	
14	1	650		\ Ŷ		Date Surve	an a
11		ie I		THE MEXIC			1-18-62
	ļ			JCHN W. W	5	Registe red	Professional Engin
						and/or Las	d Sarveyor, JOHN
	S NARANTE CO. C. A. S.						m W. Wes
10. 330 660	990 1320 MG	0 /980 ZBIO 2	640 200	0 1500 1000	500	Crititicate	No. P.E. & L.S. NO. (
						and the second se	

ANTA F.		NEW N		Ei VATION CL MR ( New Mexico	Set ON	Form C-101 Revised (12/1/55)
RANSPORTER			ICE OF INTE	NTION TO DR	TT T	and the second sec
PERATUH						
rgins. If chang	tes in the pr ice in QUIS	oposed plan are o NTUPLICATE. C	considered advisable, a co One copy will be returned	ton Commission and appr opy of this notice showing f following approval: See ach Form C- 128 in tri	such changes will additional instruct	be returned to the sende tions in Rules and Regul
·····	kobbi.,.N	e: Mexico	······		Noveraber (Date)	29, 1962
		OMMISSION			(DELE)	
ANTA FE, N						
entlemen:			ILLC	GIBLE		
You are h			ntention to commence un			
····•		Par Imeria	a Patroine for	or Operator)		
		State ROM		, Well No	in	INTE The well
		()				(01117)
scated		feet from the	South		line and	19 feet from t
	122			, T	, R	,, NMPM.
GIVE LOCA	FION FROM	M SECTION LIN	E) fac	dock Pool,	<b>.</b>	Coun
	•		If State Land the Oil a	nd Gas Lease is No		• •••••
	i		If patented land the ov	vner is		
D	C B	A	Address.		·····	•••••••••••••••••••••••••••••••••••••••
	;		We propose to drill wel	ll with drilling equipment a	s follows:	
Е	F G	н				
- <b>E</b>	r G	n	The status of plugging	bond is.	nd on lile :	cith Commassic.
			••••••			·
L	к ј	1	Drilling Contractor		<u>i lator)</u>	
	· !.	<u>.</u>	•••••••			
			••••••			
М	N O	P	We intend to complete	this well in the	ang (ad.1.)au	arioung (0 <u>.1</u> )
<u>ــــــــــــــــــــــــــــــــــــ</u>				ximate depth of	-	
				PROGRAM		
We propo	se to use the	fcllowing strings of	of Casing and to cement t	them as indicated:		
Bize of H	ole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
17-1/2	n,	3-1/8"			5001	Circolate
1:-1/4		9-5/80	A.2. 1944 (E.4.)		26501	$\langle 1 \rangle$
3-3/1		7		-:	60001	(2)
If change	s in the abov	ve plans become a	dvisable we will notify yo	ou immediately.		;
				etails of proposed plan of	work.)	
				-		• • •
"e]] to	he drill	lid to the li	<b>line</b> type and fer	anna i si kij-seayb	arg 411 als	o b <b>e test</b> ad.
( <b>1</b> )		A	into salt restat			

Approved	 
Except as follows:	

By

OIL CONSERVATION COMMISSION

ĥ

	Company of	Operator)
By	(Company of System)	·····
Position	Send Communication	icant as regarding well to
	Z. S. Staley	
	Res 54 - Hobbe	

NET MEXICO OIL CONSERVATION COMMISSION WELL OCATION AND ACREAGE DEDICATION \_AT

• -

Form C-102 Supersodes C-128 Effective 1-1-65

Amoco Pi bil Letter	coduction Cor		Lea	se			Well No.
		npany		State CK			3
	Section	Township	<b>I</b>	Hango	County	572324	25263
N	19	21-S		37-Е	Le		
tual Fostage Loc 330	feet from the	South	line and	1549 "	ot from the	t MAY	180
ound Level Elev.	Freducing F	ormation	Pos	1	the nesser the	in the second	ated Acres
3504'	Blin	iebry		Blinebry-Oil		10	145040 = :-
1. Outline th	e acreage dedic	ated to the s	ubject well l	y colored pencil	or hach <mark>ure</mark> n	nan don the pla	t below
						No.	
	ian one lease i nd royalty).	s dedicated t	o the well, ou	itline each and id	entify the ov	where the state	as to worki
Interest a	a royany.						
					, have the in	terests of all o	owners been conse
dated by c	ommunitization,	unitization, fo	orce-pooling.	etc?			
Yes	∏ No II	answer is ""vo	s" type of co	nsolidation			
			-, the or co	noorioution			
	-	owners and	tract descript	ions which have a	actually been	n consolidated.	(Use reverse side
	f necessary.)	<u> </u>					
							ization, unitizatio
	ling, or otherwis	e)or until a no	on-standard un	it, eliminating su	ich interests	, has been appr	oved by the Comm
sion.	<u></u>				1		
	1			1		CER	TIFICATION
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	1			1	l K	Position	III. K WOW
	I.			l.		Assist. Ad	min. Analyst/
	ļ		•		[	Compony Among Duce	
	. t 1						luction Company
	i			I		May	23, 1983
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	1			1			surveys made by me ision, and that the so
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, <u> </u>	<b>5</b> , 1			1	11		
•	1			ł		Date Surveyed	
•				l	11	Develoption de l'Inché	
	l i			1		Registered Profess and/or Land Surve	
		8		1			
	1350.	l	<u></u>				
and the second s						Cettificate No.	
	90 1320 1650 19	RI 2310 2640	2000	1500 1000	800 0		

District I

1625 N. French Drive, Hobbs, NM 88240

District II PO Drawer DD, Artesia, NM 88210

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

District IV

2040 South Pacheco, Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT <sup>1</sup> API Number <sup>2</sup> Pool Code <sup>3</sup> Pool Name 49210 Paddock 30-025-34776 <sup>6</sup> Well Number <sup>5</sup> Property Name <sup>4</sup> Property Code State CKI 23117 4 <sup>9</sup> Elevation 7 OGRID No. <sup>8</sup> Operator Name **Apache Corporation** 3510' 000873 <sup>10</sup> Surface Location Section Township North/South line Feet from the East/West line UL or Lot No. Lot Idn Feet from the County Range South 1880 West Lea 19 1650 21S 37E K <sup>11</sup> Bottom Hole Location If Different From Surface North/South line Feet from the County UL or Lot No. Section Township Lot Idn Feet from the East/West line Range 14 Consolidation Code 14 Order No. 12 Dedicated Acres 13 Joint or Infill 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 16 **OPERATOR CERTIFICATION** I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Printed Name Debr Anderson fitle Sr. Engineering Technician Date 6/29/00 <sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual serveys made by me or under my supervision, and that the same is true and correct to the best of mybelief. Date Surveyed 1880 Signature and Seal of Professional Surveyor

State of New Mexico Energy, Minerals and Natural Resources Department

#### **OIL CONSERVATION DIVISION**

2040 S. Pacheco Santa Fe, New Mexico 87505

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

Certificate Number

AMENDED REPORT

1650

District I 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

1

District IV 2040 South Breheren South Fo. NM. 87505

#### State of New Mexico Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

2040 S. Pacheco Santa Fe, New Mexico 87505 Form C-102 Revised October 18, 1994 Instruction on Back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

2040 South Pacheco, Sa	nta Fe, NM 875	505	WELL L	OCATION AN	ND ACREAGE	DEDICATIO	N PLAT	
<sup>1</sup> API N <b>30-025-</b>			<sup>2</sup> Pool 0 066				ol Name ry Oil & Gas	
<sup>4</sup> Property Code 23117		<b>L</b>		5 Prope	erty Name Ite CKI			<sup>6</sup> Well Number 4
<sup>7</sup> OGRID No.				•	tor Name			<sup>9</sup> Elevation
000873	<u></u>				Corporation			3510'
UL or Lot No. Sectio K 19		Range 37E	Lot Idn	Feet from the 1650	ace Location Nonth/South line South	Feet from the 1880	East/West line West	County Lea
			<sup>11</sup> Bc	ottom Hole Lo	cation If Differe	ent From Surfa	ice	
UL or Lot No. Sectio	n Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres <sup>13</sup> Jo 40	oint or Infill	4 Consolidati	ion Code <sup>14</sup> O	rder No.	· ·		· · · · · · · · · · · · · · · · · · ·	
NO ALLOWA				· ·	ON UNTIL ALL I EEN APPROVED			OLIDATED
16			-onatora				RATOR CERT	IFICATION
					• • • • • • • • • • • • • • • • • • •	signatur Signatur Drinted I Title Date	Debra J. Ande Debra J. Ande Sr. Engineerin 6/29/00 VEYOR CER	v knowledge and belief.
1880'		1650				was plo or undu correct Date Sur	er my supervision, and th to the best of mybelief.	actual serveys made by me hat the same is true and

1

Certificate Number

DISTRICT I P.G. Box 1980, Eobbe, NM 68241-1980

DISTRICT. II P.O. Drawer DD, Artenia, NM 66211-0719

DISTRICT III 1000 Rio Brazos Rd., Axtec. NM 67410

DISTRICT IV P.O. BOX 2008, SANTA PB, N.M. 87504-2068

#### State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

#### OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

	Number 5 - 3.5	30-		Pool Code 350		Per	nrose Skelly;	Pool Name 11y; Grayburg			
Property C 23117						rty Nam E "Ck			Well Num 5	aber	
OGRED No 873	).			APA	•	tor Nam	RATION		Elevatio 3508	-	
• - · · · · · · · · · · · · · · · · · ·					Surfac	e Loca	ation				
UL or lot No. K	Section 19	Township 2 - 5	Range 37 E	Lot Idn	Feet fro		North/South line	Feet from the	East/West line	County	
		Ζ.	I					16,80	WEST	LEA	
UL or lot No.	Section	Township	Range	Hole Loc Lot Idn	Feet fro		North/South line	face Feet from the	East/West line	Countr	
of or ide ide.	Secura	IOwnemp	Kange	The rad	1661 110		North South mit	Feet Hom the	Last/ west Inte	County	
Dedicated Acres	Joint o	r Infill Co	nsolidation (	Code Ord	de No.		<u></u>	<u>.</u> 1		L	
NO ALLO	WABLE						INTIL ALL INTER APPROVED BY		EN CONSOLID	ATED	
								I hereig contained hereig beri of my brow Euch Bignature Everett Printed Namu Eng. Te Title 11/30/0 Date SURVEYO	o ch. 0 PR CERTIFICAT	formation star to the	
	68C'	1743'		l NAD N=5	C NWE ) 1527 533570 348 62			on the plat we actual surveys supervision, an correct to the NOVE Data Surveys Bignature & Professional Renally	d that the same is best of my bake MBER 9, 2000 d Beel of Surveyor	s incluse of under my true and f LMP 6/60	

State of New Mexico Energy, Minerals and Natural Resources Form C-102

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Ave., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Name	Pool Code
30-25-36376	PENROSE SKELLY;GRAYBURG	50350
Property Code	Property Name	Well No.
23117	STATE CK	006
OGRID No.	Operator Name	Elevation
873	Apache Corporation	3508

#### Surface And Bottom Hole Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	19	21S	37E		990	S	2140	W	Lea
11	ied Acres 10	Joint or	Infill	Consoli	dation Code		Order N	No.	

POINT POINT POINT		· · · · · · · · · · · · · · · · · · ·
		OPERATOR CERTIFICATION
		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
		 Electronically Signed By: Larry Rader
		Title: Technical Coordinator
71-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	eres en	Date: 8/19/2003
		 4 J
(F) Linear Jacob etc.		SURVEYOR CERTIFICATION
a an		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.
	· · · · · · · · · · · · · · · · · · ·	Electronically Signed By: Ronald Eidson
	. 👪	Date of Survey: 8/6/2003
		Certificate Number: 3239
	. · · ·	

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Ave., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals and Natural Resources Form C-102

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

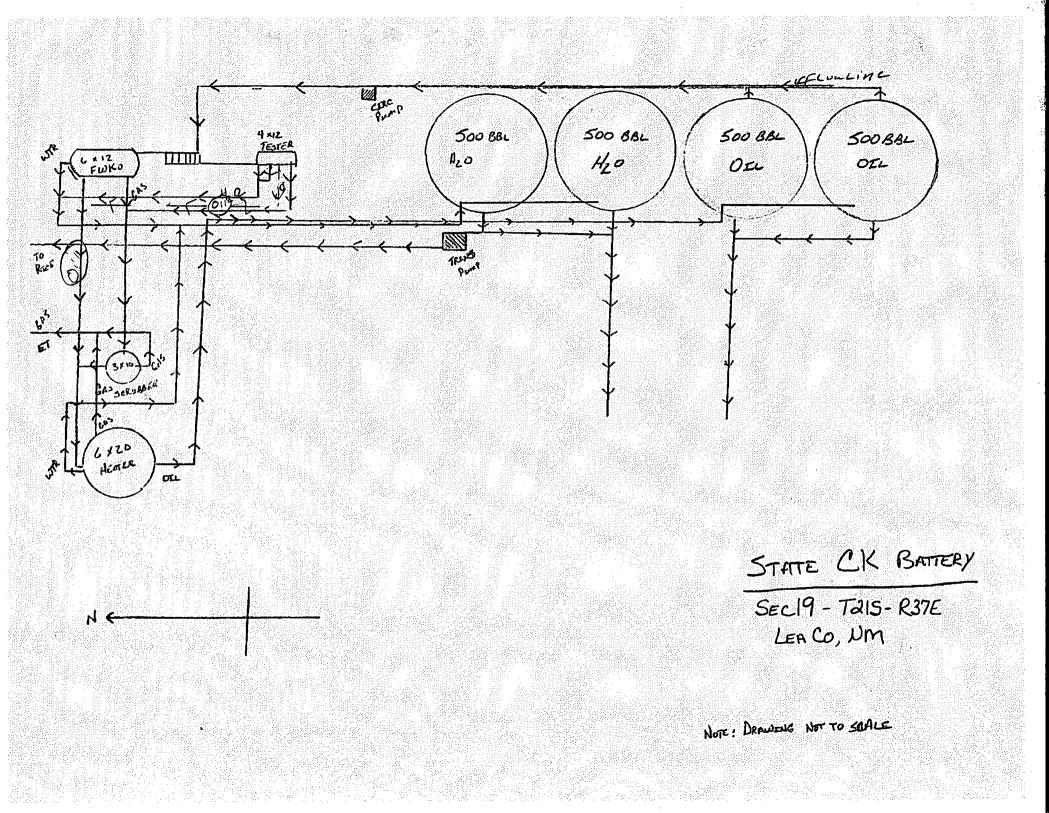
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Name	Pool Code
30-25-36377	PENROSE SKELLY;GRAYBURG	50350
Property Code	Property Name	Well No.
23117	STATE CK	007
OGRID No.	Operator Name	Elevation
873	Apache Corporation	3503

#### **Surface And Bottom Hole Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	19	21S	37E		2310	S	2310	W	Lea
	ted Acres 40	Joint or	Infill	Consoli	dation Code		Order N	Jo.	

		OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Electronically Signed By: Larry Rader Title: Technical Coordinator Date: 8/19/2003 SURVEYÖR CERTIFICATION 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. Electronically Signed By: Ronald Eidson Date of Survey: 8/6/2003 Certificate Number: 3239
		Certificate Number: 3239





### Well Tests

Report Period: August 1, 2016 to January 30, 2017

Test		Chk		Tubing PSIG	Casir	ng PSIG	Shut-	In PSIG	BH		Pump	Clock	Valid		i de comp	Volu	imes			Flu	ids	Pump			Rati	ios
Date	Hrs	In.	SPM	High Low	High	Low	Tubing	Casing	PSIG	PIP	Freq. Hz	%	Test	Ttl Liq.	Oil	Ttl Gas	Frm Gas	Water	Lift	Level	Pump	Stroke	GOR	WOR	GLR	IGLR
Region: PERM	IAN			District: NW DIS	TRICT									Superinter	dent: NV	V DISTRIC	T (CARNES)	)		Foreman:	EUNICE [[	DEAN]				
STATE /CK/ #	<b>#06</b>				Status	Produc	ing																			
08/10/16	24												True	109.00	1.00	42.00	42.00	108.00					42.00	108.00	0.39	
09/19/16	24												True	111.00	1.00	40.00	40.00	110.00					40.00	110.00	0.36	
12/28/16	24												True	106.00	1.00	39.00	39.00	105.00					39.00	105.00	0.37	
01/24/17	24												True	101.00	1.00	46.00	46.00	100.00					46.00	100.00	0.46	
Averages by C	omple	etion:												106.75	1.00	41.75	41.75	105.75								
STATE /CK/	#07				Status	: Produc	ing																			
08/07/16	24												True	41.00	2.00	25.00	25.00	39.00					12.50	19.50	0.61	
09/20/16	24												True	42.00	2.00	26.00	26.00	40.00					13.00	20.00	0.62	
12/29/16	24												True	43.00	2.00	28.00	28.00	41.00					14.00	20.50	0.65	
01/26/17	24												True	42.00	2.00	30.00	30.00	40.00					15.00	20.00	0.71	
Averages by C	ompl	etion:												42.00	2.00	27.25	27.25	40.00								
STATE /CK/	#1;DR	I			Status	: Produc	ing																			
08/17/16	24												True	152.00	4.00	9.00	9.00	148.00					2.25	37.00	0.06	
09/05/16	24												True	153.00	5.00	11.00	11.00	148.00					2.20	29.60	0.07	
10/02/16	24												True	154.00	5.00	15.00	15.00	149.00					3.00	29.80	0.10	
11/08/16	24												True	156.00	6.00	14.00	14.00	150.00					2.33	25.00	0.09	
12/06/16	24												True	156.00	7.00	15.00	15.00	149.00					2.14	21.29	0.10	
01/10/17	24												True	162.00	7.00	16.00	16.00	155.00					2.29	22.14	0.10	
Averages by C	Compl	etion:												155.50	5.67	13.33	13.33	149.83								
STATE /CK/	#2;BL	I.			Status	: Produc	cing																			
08/16/16	24												True	84.00	9.00	15.00	15.00	75.00					1.67	8.33	0.18	
09/13/16	24												True	81.00	8.00	14.00	14.00	73.00					1.75	9.13	0.17	
10/05/16	24												True	84.00	9.00	16.00	16.00	75.00					1.78	8.33	0.19	
12/07/16	24												True	85.00	10.00	15.00	15.00	75.00					1.50	7.50	0.18	
01/11/17	24												True	81.00	8.00	16.00	16.00	73.00					2.00	9.13	0.20	
Averages by C	Compl	etion:												83.00	8.80	15.20	15.20	74.20								



### Well Tests

Report Period: August 1, 2016 to January 30, 2017

bit         bi	Test		Chk		Tubing	PSIG	Casing	g PSIG	Shut-	In PSIG	BH		Pump	Clock	Valid			Volu	mes			Flui	ds	Pump			Ratio	S
State:         Producing         States:         Producing         The         2.00         1.00         2.40         0.00         2.40         2.00         1.00         2.00 <th>Date</th> <th>Hrs</th> <th>In.</th> <th>SPM</th> <th>High</th> <th>Low</th> <th>High</th> <th>Low</th> <th>Tubing</th> <th>Casing</th> <th>PSIG</th> <th>PIP</th> <th>Freq. Hz</th> <th>%</th> <th>Test</th> <th>Ttl Liq.</th> <th>Oil</th> <th>Ttl Gas</th> <th>Frm Gas</th> <th>Water</th> <th>Lift</th> <th></th> <th></th> <th></th> <th>GOR</th> <th>WOR</th> <th>GLR</th> <th>IGLR</th>	Date	Hrs	In.	SPM	High	Low	High	Low	Tubing	Casing	PSIG	PIP	Freq. Hz	%	Test	Ttl Liq.	Oil	Ttl Gas	Frm Gas	Water	Lift				GOR	WOR	GLR	IGLR
0924/16       24       Tm       500       2.00       1000       10.00       24.00<	Region: PERM	IIAN			District: I	NW DIST	RICT									Superinter	dent: NW	DISTRIC	(CARNES)			Foreman:		DEAN]				
mm       mm       s	STATE /CK/	#3;PA[	DD				Status:	Produci	ng																			
Indirstris24True198.010.036.036.0180.0180.018.0 <td>08/24/16</td> <td>24</td> <td></td> <td>True</td> <td>251.00</td> <td>2.00</td> <td>16.00</td> <td>16.00</td> <td>249.00</td> <td></td> <td></td> <td></td> <td></td> <td>8.00</td> <td>124.50</td> <td>0.06</td> <td></td>	08/24/16	24													True	251.00	2.00	16.00	16.00	249.00					8.00	124.50	0.06	
1011616       24       Tm	09/14/16	24													True	255.00		80.00	80.00						20.00			
10117/16       24       Tue       1730       6.00       4.00       4.00       6.00	10/15/16	24																										
101/18/16       24       Tru       22.00       1.00       4.600       4.600       29.00       4.600       4.600       29.00         101/19/16       24       Tru       22.00       1.00       4.00       4.000       20.00       20.00       4.00       4.000       20.00       20.00       4.00       4.00       20.00       20.00       4.00       4.00       20.00       20.00       4.00       4.00       20.00       4.00       4.00       20.00       4.00       4.00       20.00       4.00       4.00       20.00       4.00       4.00       4.00       20.00       4.00	10/16/16	24																										
101916 102916 2424True22001001001001002100	10/17/16	24													True	173.00		43.00							7.17			
102016       24       Tru       21.00       50.0       50.0       50.0       20.00       4.28       16.28       16.29 </td <td></td>																												
10/23/1624True242.014.0060.0060.0028.004.284.2962.90.2510/25/1624True21.0013.0049.0020.0025.0025.0065.0025.0065.0025.0065.0025.0065.0025.0065.0065.0025.0065.0065.0025.0065.0065.0025.0065.0025.0065.0025.0065.0025.0065.0025.0065.0025.0065.0025.0065.0025.0065.0025.0065.0025.0065.0025.0065.0075.0025.0065.0075.0025.0065.0075.0025.0065.0075.0025.0075.0025.0075.0025.0075.0025.0075.0025.0075.00																												
10025/16       24       Tuo       1002       1000       40.0       20.00       75.0       20.00       65.5       91.0       0.3.7       15.38       0.23         10025/16       24       Tuo       22.00       75.0       75.00       20.00       65.9       16.25       19.10       0.3.7       15.38       0.23         10025/16       24       Tuo       22.00       15.00       90.00       90.00       215.00       65.9       16.00       16.9       16.9       16.9       16.9       16.9       0.37       15.00       0.30       10.00       90.00       90.00       215.00       65.9       15.00       15.00       15.00       24.00       15.00       26.00       15.00       26.00	10/20/16	24																										
100261       24       True       24.00       12.00       75.00       75.00       23.00       6.25       9.17       0.31         100261/6       24       True       228.00       13.00       90.00       90.00       215.00       6.24       6.32       6.33       0.39         1100116       24       True       220.00       15.00       105.00       240.00       75.00       240.00       75.00       260.00       75.00       75.00       260.00       75.00       75.00       260.00       75.00       75.00       75.00       75.00       75.00       75.00       75.00       75.00       75.00       75.00       75.00       75.00       75.00       75.00       75.00       75.00 <td></td>																												
10/27/16       24       True       28.0       13.0       9.00       9.00       21.00       6.24																												
10/28/16       24       True       250.00       15.00       92.00       235.00       6.13       15.07       0.37         11/01/16       24       True       255.00       15.00       105.00       240.00       15.00       240.00       15.00       240.00       15.00       240.00       15.00       240.00       15.00       240.00       15.00       240.00       15.00       240.00       15.00       240.00       15.00       250.00       250.00       15.00       250.00       250.00       15.00       250.00       250.00       15.00       250.00       250.00       15.00       250.00       250.00       15.00       250.00       250.00       15.00       250.00       250.00       15.00       250.00       250.00       15.00       250.00       250.00       15.00       250.00       250.00       15.00       250.00       15.00       250.00       15.00       250.00       250.00       15.00       250.00       250.00       15.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00       250.00																												
11/01/16       24       True       2500       15.00       105.00       105.00       24.00       13.00       28.00       13.00       29.00         12/10/16       24       True       24.00       13.00       13.00       13.00       23.00       9.50       16.00       16.00       0.51         01/19/17       24       True       24.00       15.00       13.00       13.00       23.00       9.50       16.00       0.53         Average by Comptone       True       24.00       11.00       15.00       15.00       20.00       9.50       16.00       0.53         STATE /ck /#4; PAD       Stats: Producing       True       24.00       5.00       40.00       55.00       55.00       60.00       <																												
12/03/16       24       True       242.0       13.00       138.00       229.00       10.62       7.62       0.57         12/10/16       24       True       24.00       14.00       133.00       230.00       9.50       16.43       0.55         01/19/17       24       True       25.00       15.00       135.00       240.00       9.00       16.00       0.53         STATE /ck/#4;PADD       Status:       Producing       True       60.00       5.00       40.00       55.00       8.00       11.00       0.67         08/23/16       24       True       60.00       5.00       40.00       55.00       8.00       11.00       0.67         09/15/16       24       True       60.00       5.00       45.00       45.00       58.00       11.60       0.77         12/11/16       24       True       64.00       5.00       45.00       59.00       12.00       12.50       16.00       16.00       16.00       16.00       16.00       12.50       16.00       16.00       16.00       16.00       16.00       16.00       16.00       16.00       16.00       16.00       16.00       16.00       16.00       16.00       <																												
12/10/16       24       True       24.00       14.00       133.00       133.00       230.00       90.0       16.30       0.55         01/19/17       24       True       255.00       15.00       135.00       135.00       240.00       90.0       16.30       0.55         Averages by or pletion:       224.71       11.18       72.71       21.353       72.71       21.353       72.71       72.71       21.353       72.71       7																												
01/19/17       24       Tue       25.00       15.00       135.00       240.00       90.0       16.00       0.53         Averages by completion:       224.71       11.18       72.71       213.53       135.00       50.00       10.00       5.00       10.00       5.00       10.00       0.53         08/23/16       24       7ue       60.00       5.00       40.00       45.00       55.00       80.00       10.00       0.67         09/15/16       24       Tue       60.00       5.00       45.00       45.00       55.00       90.00       16.00       0.67         10/11/16       24       Tue       60.00       5.00       40.00       45.00       59.00       10.00       16.00       0.67         12/11/16       24       Tue       64.00       5.00       43.00       49.00       60.00       12.25       15.00       0.77         12/11/16       24       Tue       66.00       6.00       44.00       60.00       60.00       11.80       0.67         12/11/17       24       Satus: Producing       Tue       66.00       6.00       44.00       60.00       60.00       13.00       0.67         12/11/16 <td></td>																												
Averages by C-wr       224.71       11.18       72.71       72.71       21.53         STATE /CK/ #4; PAD       Status: Producing       w																												
STATE /CK/ #4;PADD       Status: Producing       Image: Complex index i															True										9.00	16.00	0.53	
08/23/16       24       True       60.00       5.00       40.00       55.00       80.0       10.00       0.67         09/15/16       24       True       63.00       5.00       45.00       58.00       9.00       11.60       0.71         10/11/16       24       True       64.00       40.00       49.00       60.00       60.00       12.25       15.00       0.77         12/11/16       24       True       64.00       5.00       43.00       59.00       60.00       8.00       11.80       0.67         01/21/17       24       True       64.00       5.00       43.00       59.00       60.00       7.33       10.00       0.67         Averages by Completion:       66.00       6.00       6.00       60.00 <td< td=""><td>Averages by 0</td><td>Comple</td><td>etion:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>224.71</td><td>11.18</td><td>/2./1</td><td>72.71</td><td>213.53</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Averages by 0	Comple	etion:													224.71	11.18	/2./1	72.71	213.53								
09/15/16       24       True       63.00       5.00       45.00       58.00       9.00       11.60       0.71         10/11/16       24       True       64.00       4.00       49.00       60.00       60.00       12.25       15.00       0.77         12/11/16       24       True       64.00       5.00       43.00       59.00       60.00       8.60       11.80       0.67         01/21/17       24       True       66.00       6.00       44.00       60.00       60.00       7.33       10.00       0.67         Averages by completion:       63.40       5.00       64.00       64.00       64.00       64.00       60.00	STATE /CK/	#4;PA	DD				Status:	Produci	ng																			
10/11/16       24       True       64.00       4.00       49.00       60.00       12.25       15.00       0.77         12/11/16       24       True       64.00       5.00       43.00       59.00       8.60       11.80       0.67         01/21/17       24       True       66.00       6.00       44.00       60.00       60.00       7.33       10.00       0.67         Averages by Completion:       66.00       6.00       44.00       44.00       60.00 <td>08/23/16</td> <td>24</td> <td></td> <td>60.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8.00</td> <td></td> <td></td> <td></td>	08/23/16	24														60.00									8.00			
12/11/6       24       True       64.00       5.00       43.00       59.00       8.60       11.80       0.67         01/21/7       24       True       66.00       6.00       44.00       60.00       7.33       10.00       0.67         Averages by Completion:         STATE /CK/ #5;PENROSE       Status: Producing         08/11/6       24       True       191.00       2.00       42.00       189.00       21.00       94.50       0.22	09/15/16	24														63.00									9.00			
01/21/17       24       True       66.00       64.00       44.00       60.00       7.33       10.00       0.67         Averages by Completion:       53.40       500       44.20       58.40       58.40       10.00       0.67         STATE /CK/ #5; PENROSE       Status: Producing       True       191.00       2.00       42.00       189.00       21.00       94.50       0.22	10/11/16	24													True	64.00	4.00	49.00	49.00						12.25		0.77	
Averages by Completion:       63.40       5.00       44.20       58.40       58.	12/11/16	24													True	64.00	5.00	43.00	43.00						8.60			
STATE /CK/ #5;PENROSE         Status: Producing           08/11/16         24	01/21/17	24													True										7.33	10.00	0.67	
08/11/16 24 True 191.00 2.00 42.00 189.00 21.00 94.50 0.22	Averages by (	Compl	etion:													63.40	5.00	44.20	44.20	58.40								
	STATE /CK/	#5;PE	NROSE	E			Status:	Produci	ng																			
09/18/16 24 True 195.00 3.00 40.00 192.00 13.33 64.00 0.21	08/11/16	24													True	191.00	2.00	42.00	42.00	189.00					21.00	94.50	0.22	
	09/18/16	24													True	195.00	3.00	40.00	40.00	192.00					13.33	64.00	0.21	
10/30/16         24         True         193.00         3.00         45.00         190.00         15.00         63.33         0.23	10/30/16	24													True	193.00	3.00	45.00	45.00	190.00					15.00	63.33	0.23	

1/30/2017 7:49:50 AM



## Well Tests

1/30/2017 7:49:50 AM

Report Period: August 1, 2016 to January 30, 2017

Tes	st	Chk		Tubing	g PSIG	Casing	g PSIG	Shut-li	n PSIG	BH	12	Pump	Clock	Valid	Mar Ale		Volu	imes			Flu	iids	Pump			Rati	ios
Date	Hrs	In.	SPM	High	Low	High	Low	Tubing	Casing	PSIG	PIP	Freq. Hz	%	Test	Ttl Liq.	Oil	Ttl Gas	Frm Gas	Water	Lift	Level	Pump	Stroke	GOR	WOR	GLR	IGLR
Region: PER	MIAN			District:	NW DIS	TRICT									Superinten	dent: NV	DISTRIC	T (CARNES	)		Foreman:	EUNICE [[	DEAN]				
STATE /CK	/ #5;PE	NROS	E			Status:	Produc	ing													1						
12/26/16	24													True	199.00	4.00	46.00	46.00	195.00					11.50	48.75	0.23	
01/22/17	24													True	191.00	5.00	42.00	42.00	186.00					8.40	37.20	0.22	
Averages by	Comp	letion:													193.80	3.40	43.00	43.00	190.40								
														I							1						

# Apache

#### 2/1/2017

State of New Mexico OIL CONSERVATION DIVISION 1220 South St. Francis Drive Santa Fe. New Mexico 87505

Re: Application for Surface Commingling (Identical Ownership) Township 21 South, Range 37 East, Section 19 Lea County, New Mexico

Ladies and Gentlemen:

Identical ownership (working interest, royalty and overriding royalty owners) exists under State of New Mexico Lease ST NM A0-4096 as it pertains to the following described lands:

Township 21 South, Range 37 East

Section 19: E/2SW/4 Lea County, New Mexico

Depths included in Identical Ownership are all depths below the base of the Queen. A listing of the existing and potential wells is included herewith.

State CK #1 (30-025-06672) - 330' FSL & 2209' FWL Unit N, Sec 19, T-21S, R-37E – Drinkard/Paddock/Tubb State CK #2 (30-025-06673) - 1650' FSL & 2207' FWL Unit K, Sec 19, T-21S, R-37E – Drinkard/Blinebry/Paddock State CK #3 (30-025-20540) - 330' FSL & 1549' FWL Unit N, Sec 19, T-21S, R-37E – Blinebry/Paddock State CK #4 (30-025-34776) - 1650' FSL & 1880' FWL Unit K, Sec 19, T-21S, R-37E – Paddock/Blinebry State CK #5 (30-025-3503) - 1743' FSL & 1680' FWL Unit K, Sec 19, T-21S, R-37E – Grayburg State CK #6 (30-025-36376) - 990' FSL & 2140' FWL Unit N, Sec 19, T-21S, R-37E – Grayburg State CK #7 (30-025-36377) - 2310' FSL & 2310' FWL Unit K, Sec 19, T-21S, R-37E – Grayburg

Very truly yours,

APACHE CORPORATION

Duck Will

Derek Webb Landman Apache Permian Region

APACHE CORPORATION 303 VETERAIS AIRPARK LAKE / SUITE 3000 / MEDLAND, TX 79705-4561 TEL (432)818-1000

#### STATE OF NEW MEXICO



**OIL CONSERVATION DIVISION** 



BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

ADMINISTRATIVE ORDER(DHC-844)

Amoco Production Company P.O. Box 3092 Houston, Texas 77253

Attention: K.W. Brand

(<u>State "CK" Well No. 1</u>) Unit N, Section 19, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico. Drinkard & Paddock Pools

Dear Mr. Brand:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit the subject well to commingle production from both pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the two zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject well shall not exceed 40 barrels per day, and total water production shall not exceed 80 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by multiplying 2000 by the top unit allowable for the Paddock Pool. Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Paddock Pool:	Oil	72%,	Gas	45%
Drinkard Pool:	Oil	28%,	Gas	55%

Pursuant to Rule 303-C-5, the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 31st day of July, 1992.

STATE OF NEW MEXICO **OIL CONSERVATION DIVISION** 

WILLIAM J. LEMAY

Director

SEAL

xc: NMSLO - Oil & Gas Division OCD - Hobbs

#### STATE OF NEW MEXICO

#### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 

BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY POST OFFICE 80X 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504

(505) 827-5800

AMENDED ADMINISTRATIVE ORDER(DHC-556

Amoco Production Company P.O. Box 3092 Houston, Texas 77253

Attention: K.W. Brand

State "CK" Well\_No\_2) Unit K, Section 19, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico. Drinkard, Paddock & Blinebry Pools

Dear Mr. Brand:

Reference is made to your recent application for an amendment to Administrative Order No. DHC-556, dated July 17, 1985, which authorized the downhole commingling of production from the Blinebry and Drinkard pools in the wellbore, to permit the addition of a third zone of production to be commingled in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject well shall not exceed 40 barrels per day, and total water production shall not exceed 80 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by multiplying 2000 by the top unit allowable for the Paddock Pool.

#### Amended Administrative Order DHC-556 Amoco Production Company July 31, 1992 Page 2

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Paddock Pool:	Oil	63%,	Gas	21%
Blinebry Pool:	Oil	22%,	Gas	34%
Drinkard Pool:	Oil	15%,	Gas	45%

Pursuant to Rule 303-C-5, the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 31st day of July, 1992.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

WILLIAM J. LEN ίAΥ Director

SEAL

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xc: OCD - Hobbs NMSLO - Oil & Gas Division



## NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

#### AMENDED ADMINISTRATIVE ORDER (DHC-845)

Apache Corporation 2000 Post Oak Blvd. Suite 100, Rm. 358A Houston, Texas 77056-4400

Attention: Ms. Frances M. Byers

(State "CK" No. 3.) API No. 30-025-20540 Unit K, Section 19, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico. Blinebry Oil & Gas (Oil - 6660), Tubb Oil & Gas (Oil - 60240), Paddock (Oil - 49210), and Drinkard (Oil - 19190) Pools

Dear Ms Byers:

Reference is made to your recent application for an amendment to Division Order No. DHC-845 dated July 31, 1992, which order authorized the downhole commingling of Paddock and Blinebry Oil & Gas Pool production within the wellbore, to add the Drinkard and Tubb Oil and Gas Pools as additional commingled zones in the well.

It appearing that the subject well qualifies for approval for such amendment pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303.C., the daily allowable producing rates from the well are hereby established as follows:

Oil 107 B/D Gas 642 MCF/D Water 214 B/D

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Amended Administrative Order DHC-845 Apache Corporation June 3, 1999 Page 2

Blinebry Oil & Gas Pool	Oil-0%	Gas-43%
Tubb Oil & Gas Pool	Oil-0%	Gas-33%
Paddock Pool	Oi1-96%	Gas-6%
Drinkard Pool	Oil-4%	Gas-18%

REMARKS: The operator shall notify the Hobbs District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 3rd day of June, 1999.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION LORI WROTENBERY Director

SEAL

LW/DRC

cc: Oil Conservation Division - Hobbs State Land Office-Oil & Gas Division

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## NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Gövernor Jennifer A. Salisbury Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

#### ADMINISTRATIVE ORDER DHC-2789

Apache Corporation 2000 Post Oak Blvd. Suite 100 Houston, Texas 77056-4400

Attention: Ms. Debra J. Anderson

State "CK" No. 4 API No. 30-025-34776 Unit K, Section 19, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico. Paddock (Oil – 49210) and Blinebry Oil & Gas (Oil – 6660) Pools

Dear Ms. Anderson:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303.C.(1), each of the commingled pools shall be allowed to produce up to the top oil allowable and top casinghead gas allowable applicable for that pool.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Paddock Pool	Oil-20%	Gas-11%
Blinebry Oil & Gas Pool	Oil-80%	Gas-89%

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REMARKS: The operator shall notify the Hobbs District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.C.(2), the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 7th day of August, 2000.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

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cc: Oil Conservation Division - Hobbs State Land Office-Oil & Gas Division