

DOWNHOLE COMMINGLE CALCULATIONS:	DHC-HOB	-42
OPERATOR: Spache Corp	30-025-33	3954
PROPERTY NAME: MC Callister 5te	ve .	
WNULSTR#12-12-25-175-34E		
section 1: POOL NO. 1 Vacuum Blinebry	ALLOWABLE AMOUNT <u>142 284</u> MCF	
POOL NO. 2 Vacuum Walfamp	355 710 MCF	
POOL NO. 3 North Vacuum - Abo	355 7/0 MCF	
POOL NO. 4 Vacuum - Upper Penn POOL TO	400 <u>800</u> MCF TALS <u>125</u> 2 <u>250</u> 4	^
SECTION II: POOL NO. 1 \ acoum Blinebry	<u>Dil</u> 55%	<u>()</u> 23
POOL NO. 2 Vacuum Wolfcamp	7%	2
POOL NO. 3 North Vacuum - Abo	34%	2
POOL NO. 4 Vacuum - Upper Penn	4% X1252 = 50.08 <50,00>	3
<u>OIL</u>	GAS	
SECTION III: 400 = 10000		
SECTION IV:		
55% X 10000 = 5500 <550	9 <i>0</i> >	

Submit I Copy To Appropriate District Office District I Energy, Mirecula and Natural Resources	Form C-103				
12/3/1/4/1	October 13, 2009 WELL API NO.				
District II	30-25-33954				
<u>Disagerin</u> • • • • • • • • • • • • • • • • • • •	5. Indicate Type of Lease STATE FEE				
1000 Rio Brazos Rd., Aztec, NM 87410 District IV Santa Fe, NM 87505	6. State Oil & Gas Lease No.				
1220 S. St. Francis Dr., Santa Fe, NM 87505	B0-2706				
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH	7. Lease Name or Unit Agreement Name McCallister State				
PROPOSALS.) 1. Type of Well: Oil Well Gas Well Other	8. Well Number 012				
2. Name of Operator	9. OGRID Number 873				
Apache Corporation	10. Pool name or Wildcat				
3. Address of Operator 303 Veterans Airpark Ln. Midland, TX 79705	Vacuum(Abo/Wolf/Upper Penn/Bline)				
4. Well Location					
Unit Letter L:1945feet from the S line and850	feet from the W line				
	ounty LEA				
11. Elevation (Show whether DR, RKB, RT, GR, etc 4008'					
Check Appropriate Box to Indicate Nature of Notice,	Report or Other Data				
NOTICE OF INTENTION TO: SUE	SEQUENT REPORT OF:				
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WOR	RK ALTERING CASING				
	ILLING OPNS. P AND A				
PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMEN DOWNHOLE COMMINGLE	II JOB				
BOWNINGE COMMINGE					
OTHER: OTHER: Frac'd	bline/added to DHC-?				
13. Describe proposed or completed operations. (Clearly state all pertinent details, at of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Co	muletions: Attach wellbore diagram of				
proposed completion or recompletion. Per R-11363					
Pool Names: Vacuum-Bline (61850) Perforations: 6448-6678' Vacuum-Wolfcamp (Oil-62340) Perforations: 9541-10002	,				
Vacuum-Abo (61760) Perforations: 8379-9229'					
Vacuum-Upper Penn (Oil-62320) Perforations: 10056-10118	3,				
The allocation method will be as follows: (See application for Rule 303-C exception)					
Oil Gas Water					
Blinebry: 55% 23% 80%	•				
Wolfcamp: 7% 25% 3% Abo: 34% 22% 15%					
Upper Penn: 4% 30% 2%					
Downhole commingling will not reduce the value of these pools, ownership is the sam	e for each of these pools.				
Spud Date: 5/23/1997 Rig Release Date:					
DHC-HOB- 421					
I hereby certify that the information above is true and complete to the best of my knowledge	ge and belief.				
SIGNATURE TITLE Engineering Tech	DATE: 11/1/2010				
Type or print name Katic Kauffman E-mail address: katic.kauffman@apachecorp For State Use Only	D.com PHONE: 432.818.1065				
DETROI GIM EMPA	NOV 2 3 2010				
APPROVED BY: Conditions of Approval (if any):	DATE				

District I

1625 N. French Dr., Hobbs, NM 88240 District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised July 16, 2010 Submit one copy to appropriate District Office

■ AMENDED REPORT

			ELL LC			EAGE DEDIC				
٠,	API Numbe	r		¹ Pool Code		³ Pool Name				
3	0-025-33954			62320 Vacuum-Upper Penn						
⁴ Property (Code	⁵ Property Name							Yell Number	
6431		McCallister State							#012	
OGRID :	No.				⁶ Operator i	Name		5	Elevation	
873					Apache Corpe	oration				
	<u></u>				10 Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
l.	25	17S	34E		1945	s	850	W	LEA	
	! .	<u> </u>	II Bo	ttom Ho	le Location I	f Different Fror	n Surface			
UL or let no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
:										
12 Dedicated Acres	s 13 Joint o	r Infill 14 C	onsolidation	Code is Or	der No.	'	•			
40					NHY	· - HAR -	427			
						(100	10-1			

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.

				V
16				17 OPERATOR CERTIFICATION
				Thereby certify that the information contained herein is true and complete
				to the best of my knowledge and belief, and that this organization either
				owns a working interest or unleased mineral interest in the land including
				the proposed bottom hale location or has a right to drill this well at this
				location parsiont to a contact with an owner of such a mineral or working
		•		interest, or to a voluntary pooling agreement or a compulsory pooling
				order bereiofore entered by the division.
				2/0 /20 V (N) 2 11/3/2010
				MOROCA MITTANIA
				Signature Date
				KATIE KAUFFMAN Printed Name
				Thata Noise
				KATIE KAUFFMAN@APACHECORP.COM
				E-mail Address
13				
/ /				18SURVEYOR CERTIFICATION
				I hereby certify that the well location shown on this
	- BO dedicated)		plat was plotted from field notes of actual surveys
	L BOARBUTT)(
- 97 N 17	- 000000000000000000000000000000000000			made by me or under my supervision, and that the
	(4/34/18			same is true and correct to the best of my belief.
			**************************************	Date of Survey
				Signature and Seal of Professional Surveyor:
- \langle\lan				
				Certificate Number
/				

District I

1625 N. French Dr., Hobbs, NM 88240

District H

1301 W. Grand Avenue, 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 & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Santa Fe, NM 87505

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1 t	API Number	r ¹ Pool Code ³ Pool Name								
3	0-025-33954			61760 Vacuum-Abo						
⁴ Property (Code				5 Property	Name		6 V	⁶ Well Number	
6431					McCallister	State			#012	
⁷ OGRID i	No.				⁸ Operator	Name		9	Elevation	
873					Apache Corp	porntion				
					¹⁰ Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
L	25	178	34E		1945	S	850	W	LEA	
		L	11 Bo	ottom Ho	le Location I	f Different Fron	n Surface	·		
UL or lot no.	Section	Township	Range	Let Idn	Feet from the	North/South line	Feet from the	East/West line	County	
	1									
" Dedicated Acres	i di Joint oi	r Infill - [14 Co	onsolidation	Code 15 Or	der No.		. 11			
40					D)	HC-HOB	5-427			

division.

	17 OPERATOR CERTIFICATION
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	location pursuant to a contract with an unner of such a mineral or working
	interest, or to a voluntary pooling agreement or a compulsory pooling
	order heretafore entered by the division.
	X1410 KANFOWA, 11/3/2010
	Signature Date
	Spatial
	KATIE KAUFFMAN
	Printed Name
	KATIE KAUFFMAN@APACHECORP.COM E-mail Address
	D Mills Fladicas
	TOURNESS OF GENERAL STOLE
	¹⁸ SURVEYOR 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 helief.
	same is true tina correct to the best of my hetter.
30 de diented aures	
Coo of William (VI) Inter-	Date of Survey
	Signature and Seal of Professional Surveyor.
	,
19/6	
	Certificate Number

District 1

1625 N. French Dr., Hobbs, NM 88240

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Santa Fe, NM 87505

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☐ AMENDED REPORT

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		W	ZELL LO	CATIO	N AND ACR	EAGE DEDIC	ATION PLA	Τ '			
1	API Numbe	ır		2 Pool Code			³ Pool Nar	ame			
,	30-025-3395-	ł		62340			Vacuum-Wolf	camp .			
¹ Property	Code				5 Property (Name		⁶ Well Number			
6431					McCallister	State				#012	
OGRID '	No.		****		* Operator i	Name			9 F.	Elevation	
873					Apache Corp	oration					
					10 Surface	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West	line	County	
L	25	178	34E		1945	s	850	W		LEA	
	1	<u> </u>	, п. Вс	ottom Ho	le Location I	f Different Fron	n Surface		•		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/W	est line	County	
12 Dedicated Acre	s 13 Joint o	or Infill	Consolidation	Code 15 Or	der No.						
40					D+	tc-Hob	1-427				
do allowable	will be as:	signed to th	is complet	lion until al	l interests have	been consolidated	or a non-standar	d unit has b	oeen appi	roved by the	
tivision.			•								
16							¹⁷ OI	ERATOR	CERTI	FICATION	
							Thereby certify	that the informatio	on contained l	herein is true carl complete	
•							to the best of m	knowledge und b	elief, and that	this organization either	

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	order heretofore entered by the division.
	THICKLET WWW HAZOOO
	Signature Date
	KATIE KAUFFMAN Prinsted Name
	Thinks
	KATIE KAUFFMAN@APACHECORP.COM E-mail Address
	¹⁸ SURVEYOR CERTIFICATION
	I hereby certify that the well location shown on this
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(J) (J) (J)	1
	made by me or under my supervision, and that the
	same is true and correct to the best of my belief.
1 00 dechanda (a) aco us	
	Date of Survey
	Signature and Seal of Professional Surveyor:
1916	, , , , , , , , , , , , , , , , , , , ,
	Certificate Number
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District 1 16 D

State of New Mexico nt

Form C-102 Revised July 16, 2010 Submit one copy to appropriate

(25 8) 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	State of Frenchico				
625 N. French Dr., Hobbs, NM 88240 District II	Energy, Minerals & Natural Resources Department				
301 W. Grand Avenue, Artesia, NM 88210	OIL CONSERVATION DIVISION				
District III	1220 South St. Francis Dr.				
000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505				
220 S. St. Francis Dr., Santa Fe, NM 87505	,				

lac NAI 97.	1220 South St. Francis Dr.							District Office		
	*10	Santa Fe, NM 87505						AMENDED REPORT		
Santa Fe _i Ni	M 87505									
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33954			61850	Ĭ		Vacuum-Blin	ebry			
	***************************************			5 Property N	Vaine		4 /	'ell Number		
				McCallister	State			#012		
		8 Operator Name						⁹ Elevation		
		Apache Corporation								
	-			¹⁰ Surface I	Location					
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	I	— II Во	ttom Ho	le Location If	Different Fron	1 Surface				
ection Tow	nship	Range	Lo t Idn	Peet from the	North/South line	Feet from the	East/West line	County		
oint or Infi	II Coi	nsolidation (Code 15 Or		HC-HO	B-42	7			
	Santa Fe, N. Sumber 33954 tion To cetion Tow	tion Township 178	WELL LC WELL LC	Santa Fe, NM 87505 WELL LOCATION	Santa Fe, NI Sant	Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDIC fumber 33954 Property Name McCallister State Poperator Name Apache Corporation 10 Surface Location tion Township Range Lot Idn Feet from the North/South line 1945 S 11 Bottom Hole Location If Different From the North/South line Cotion Township Range Lot Idn Feet from the North/South line 10 Surface Location If Different From the North/South line 11 Bottom Hole Location If Different From the North/South line	Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLA January Pool Code January Pool Range McCallister State Soperator Name Apache Corporation 10 Surface Location tion Township Range Lot Idn Feet from the 1945 S 850 11 Bottom Hole Location If Different From Surface cetion Township Range Lot Idn Feet from the North/South line Feet from the 1945 S 850 11 Bottom Hole Location If Different From Surface cetion Township Range Lot Idn Feet from the North/South line Feet from the 1945 S 850	Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Name Vacuum-Blinebry S Property Name McCallister State S Operator Name Apache Couporation 10 Surface Location Stion Township Range Lot Idn Feet from the North/South line Feet from the East/West line S 178 34E 1945 S 850 W 11 Bottom Hole Location If Different From Surface Cection Township Range Lot Idn Feet from the North/South line Feet from the East/West line Township Range Lot Idn Feet from the North/South line Feet from the East/West line Control Township Range Lot Idn Feet from the North/South line Feet from the East/West line Control Township Range Lot Idn Feet from the North/South line Feet from the East/West line		

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			Signature Date
			of the state of th
			KATIE KAUFFMAN Printed Name
		!	KATIE.KAUFFMAN@APACHECORP.COM
			E-mail Address
1			18 SURVEYOR CERTIFICATION
			I hereby certify that the well location shown on this
F_ 86-1)'->p }			plat was plotted from field notes of actual surveys
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			same is true and correct to the best of my belief.
On do	lin 101 wow	,	
(1) (1)	arated abus	/	Date of Survey
			Signature and Seal of Professional Surveyor:
19/16			Signature and getti of thorestonial states.
			Certificate Number
		,	Comment of the commen