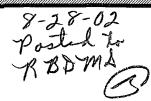




## C-103 12-27-00 DHC No. Assigned 4-25-01

	Order Number D⊥0025	API Number 30- 025-10158 Apach	Operator Le Corporation	County Lea
	<b>Order Date</b> 7-10-01	Well Name A. B. Baker	Number 004	Location P )0 22S 37E UL Sec T (+Dir) R (+Dir)
Pool 1	72480	Blinebry Oild Gas	011 % (Pro Gas) 0%	Gas % 7 <i>2%</i>
Pool 2	19190	Drinkard	100%	28%
Pool 3 Pool 4				
		rk completed effect rk concelled effect -pplement _107		





## OIL CONSERVATION DIVISION Hobbs, New Mexico 88241

## DISTRICT OFFICE

July Thru December, 2001

No. 1077n

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE: 08/21/2001

PURPOSE: ALLOWABLE ASSIGNMENT (NEW WELL) (A-M)

Effective 07/10/2001, the marginal allowables of the

APACHE CORP, A B BAKER, 4 - P, 10-22-37,

well for the period covering July through December, 2001, are hereby assigned in the various pools as follows:

\*BLINEBRY OIL & GAS (PRO GAS)------ #MGW \*DRINKARD----- #M142 (P-P) DI-0025

\*Limited due to Acreage Factor

Acres 80.00

Acreage Factor 0.000

OIL CONSERVATION DIVISION Chris Welliams

DISTRICT SUPERVISOR

CW:nm APACHE CORP

EQU 22507

DEF 36785

DISTRIBUTION: WHITE-OPERATOR, GREEN-TRANSPORTER, CANARY-OCC SANTA FE, PINK-OFFICE COPY, GOLDENROD-EXTRA COPY

	<b>DOWNHOLE COMMINGLE CALCULATIONS</b>	: 30-025	-10158	
	OPERATOR: <u>Apache Corporation</u>	DI-00	025	
	PROPERTY NAME: A. B. Baker			
	WNULSTR: $\frac{4 - P}{10 - 22 - 37}$			
72480	SECTION I: POOL NO. 1 Blinebry Oild Gas (Pro Gas)	ALLOWAB	LE AMOUNT <u>428</u> MCF	400-0
19190	POOL NO. 2 Drinkard	142	<u>852</u> MCF	6000
	POOL NO. 3		MCF	
	POOL NO. 4 POOL 7	TOTALS <u>249</u>	<u>/280</u> MCF	
GBLI4000	SECTION II: CPOOL NO. 1 Blinebry Oil+Gas (ProGas) OPOOL NO. 2 Drinkard	010		
ADRI 30000	ppool NO.2 Drinkard	100% X		
	POOL NO. 3	-		
	POOL NO. 4	-		
		<u>GAS</u>		-
	SECTION IV: $142 \times 02 = 0$ $142 \times 1002 = 142$	u		- -
				-

c				
			•	
Scherick 2 Charlins in American Distance	State of New Me	, wind		
Submit 3 Copies to Appronate District	Energy, Minerals and Nat			
DISTRICT I	Energy, winterais and wat	utal Resouces		FORM C-103
625 N. French Dr., Hobbs, NM 88240				Revised March 25, 1999
ТЦ	OIL CONSERVATION	N DIVISION	WELL API NO.	
h First, Artesia, NM 88210	2040 South Pac	heco	30-025-1	0158
DISTRICT III	Santa Fe, NM 8	7505	5. Indicate Type of Leas	
000 Rio Brazos Rd., Aztec, NM 87410				STATE FEE
DISTRICT IV			6. State Oil & Gas Lease	No.
040 South Pacheco, Santa Fe, NM 87505			1	
SUNDF	RY NOTICES AND REPORTS ON WEL	LS		
(DO NOT USE THIS FORM FOR	R PROPOSALS TO DRILL OR TO DEEPEN OR P	LUG BACK TO A	7. Lease Name or Unit A	Agreement Name
DIFFERENT RESERVOIR. USE	E "APPLICATION FOR PERMIT" (FORM C-101)	FOR SUCH		
PROPOSALS.)				A B Baker
. Type of Well:				
	GAS WELL OTHER			
1. Name of Operator			8. Well No.	
Apache Corporation				4
3. Address of Operator			9. Pool name or Wildcat	(Pro Gas) / Drinkard
. Well Location	100. Houston. Texas 77056-4400			_
Unit Letter P	: 880 Feet From The South	Line and <u>880</u>	Feet From The	East Line
Section 10	Township 22S Range 3	7Е ммрм	Lea	County
	10. Elevation (Show whether DF, RKB, F	RT, GR, etc.)		
	3385' GR			
:1.		to Indicate Nature of Notice,		
NOTICE O	FINTENTION TO:	SUB	SEQUENT REPO	ORT OF:
Perform Remedial Work	Plug and Abandon	Remedial Work		Altering Casing
Temporarily Abandon	Change Plans	Commence Dril	ling Operations	Plug and Abandonment
Pull or Alter Casing			Comont Joh	
		Casing Test and	a Cement JOD	
Other Downho	le Commingle	🗌 Other		•

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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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache proposes to downhole commingle production from the Blinebry Oil & Gas (Pro Gas) and Drinkard pools under permit DHC-522.

To support this proposal we submit the following:

 2.)
 Blinebry Perforations:
 5706' - 5803'
 Pool # 72480

 Drinkard Perforations:
 6220' - 6432'
 Pool # 19190

3.)Allocation formula is based on current Blinebry and prior Drinkard production:<br/>Blinebry Allocation:205 MCFD72% GasDrinkard Allocation:80 MCFD28% Gas

4.) Commingling of the production from each pool will not reduce the value of the total remaining production

5.)	Ownership among both pools is comm			DI DHC Order	No:	0025
TURE	analiton above is true and complete tofthe best of my knowledge and t	belief.	TITLE	Sr. Engineering Technician	DATE	12/20/00
TYPE OR PRINT NAME	Debra J. Anderson			TELEPH	ONE NO.	713-296-6338
(This space for State Use)		ÖRIG		ANED PY CHEIS WILLIAMS		rc 072000
APPROVED BY	TITLE			ACT I SUPERVISOR	_ <u>0</u>	th 2
CONDITIONS OF APPRO	VAL IFANT:					

a a a a a a a a a a a a a a a a a a a			
		,	$(\tilde{c}, \tilde{c})$
Submit 3 Copies to Appronate District	State of New Me		s'
Office	Energy, Minerals and Nat	ural Resouces	
DISTRICT I			FORM C-103
1625 N. French Dr., Hobbs, NM 88240	ON CONCEPTION		Revised March 25, 1999
NCT II	OIL CONSERVATION		WELL API NO.
uth First, Artesia, NM 88210	2040 South Pacl		30-025-10158
DISTRICT III	Santa Fe, NM 8	/505	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas Lease No.
DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505			o. State OII & Gas Lease No.
	VNOTICES AND DEDOD TO ON NET	Ta	
	Y NOTICES AND REPORTS ON WEL		7. Lease Name or Unit Agreement Name
	ROPOSALS TO DRILL OR TO DEEPEN OR P "APPLICATION FOR PERMIT" (FORM C-101) ]		7. Lease Name of Olic Agreement Name
	APPLICATION FOR PERMIT (FORM C-101)	-OK SUCH	A B Baker
PROPOSALS.) 1. Type of Well:			A D Dakci
	GAS WELL OTHER		
2. Name of Operator			8. Well No.
Apache Corporation			4
3. Address of Operator			9. Pool name or Wildcat
2000 Post Oak Blvd., Ste. 4. Well Location	100. Houston, Texas 77056-4400		Drinkard (19190)
Unit Letter P	: 880 Feet From The South	Line and 880	Feet From The <u>East</u> Line
Section 10	Township 22S Range 3	7Е ммрм	Lea County
	10. Elevation (Show whether DF, RKB, F	T, GR, etc.)	
	3378' <u>GR</u>		
11.	Check Appropriate Box t	o Indicate Nature of Notice, 1	Report, or Other Data
NOTICE OI	FINTENTION TO:	SUBS	SEQUENT REPORT OF:
Perform Remedial Work	Plug and Abandon	Remedial Work	Altering Casing
Temporarily Abandon		Commence Drilli	ng Operations 🔲 Plug and Abandonment
Pull or Alter Casing		Casing Test and	Cement Job
Other Re-Activ	ate Drinkard Pool	Other	
Culei Re-Activ			······································

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache proposes to re-activate the Drinkard pool in the referenced well:

1.) Drill out CIBP @ 6175'

Downhole commingle the production from the Blinebry Oil & Gas Pool (Pro Gas) with the Drinkard Pool

C-103 requesting permission to downhole commingle is attached

	1					
I hereby certify that the information above is true and cor	aplete to the best of my knowledge and belief.					
SIGNATURE DAA	andrival	THLE	Sr. Engineering Tech	nician	DATE	12/20/00
e or print NAME Debra J. Ande	rson			TELEPHO	NE NO.	713-296-6338
(This space for State Use)						11000 1
APPROVED BY				DATE	orr	2 7 2000
			BY CHRIS WILLIAME	DATE	Here .	<u> </u>
CONDITIONS OF APPROVAL, IF ANY:		DISTRICT I	SUPERVISOR		1.00	F

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			•••		
Submit 3 Copies to Appropriate District	State of New Me	exico			
Office	Energy, Minerals and Nat	tural Resouces			
DISTRICT I				_	FORM C-103
1625 N. French Dr., Hobbs, NM 88240				R	levised March 25, 1999
DISTRICT II	OIL CONSERVATION		WELL API NO.		
811 South First, Artesia, NM 88210	2040 South Pacl		30-025	5-33794	
DISTRICT III	Santa Fe, NM 8	7505	5 Indicate Type of 2		<b>1-1</b> 1
1000 Rio Brazos Rd, Aztec, NM 87410			ļ	STATE	
DISTRICT IV			6. State Oil & Gas I	ease No.	
2040 South Pacheco, Santa Fe, NM 87505					
SUNDRY NO	TICES AND REPORTS ON WEL	LS			
	OSALS TO DRILL OR TO DEEPEN OR P ICATION FOR PERMIT'' (FORM C-101) F		7. Lease Name or U	hit Agreement Na	me
PROPOSALS.)				AB	Baker
1. Type of Well:			1		
	GAS WELL OTHER				
2. Name of Operator			8. Well No.		
Apache Corporation			9. Pool name or Wil	6	
3. Address of Operator	ouston Towas 77056 4400		Wantz Abo		
2000 Post Oak Blvd., Ste. 100, H 4. Well Location	ousion. rexas 77030-4400	· · · · · · · · · · · · · · · · · · ·	Wall2 A00	(02700)	
Umt Letter I :	2135 Feet From The South	Line and <u>829</u>	Feet From The	East	Line
Section 10 Towns	hip 22S Range 37	7Е ммрм	Lea	County	
	10. Elevation (Show whether DF, RKB, R	I, GR, etc.)			
	3385' GR				
11	Check Appropriate Box t	to Indicate Nature of Notice,			
NOTICE OF INTE	NTION TO:	SUB	SEQUENT RI	EPORT OF:	
Perform Remedial Work	Plug and Abandon	Remedial Work			Altering Casing
Temporarily Abandon	Change Plans	Commence Drill	ing Operations		Plug and Abandonment
Pull or Alter Casing		Casing Test and	Cement Job		
☑ Other Re-Activate Wa	antz Abo Pool	Other			
	operations. (Clearly state all pertinen SEE RULE 1103. For Multiple Comp				

or recompletion.

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Apache proposes to re-activate the Wantz Abo pool in the referenced well:

## 1.) Drill out CIBP @ 6450'

Downhole commingle the production from the Blinebry Oil & Gas Pool (Pro Gas) with the Wantz Abo Pool

C-103 requesting permission to downhole commingle is attached

	<b>`</b>					
I hereby certify that the inform	ation above is true and complete to the	e best of my knowledge and belief.				
SIGNATURE	1000	Chicordon	TILE	Sr. Engineering Techr	nician da	ate <u>12/20/00</u>
TYPE OR PRINT NAME	Debra J. Anderson				TELEPHONE N	<u>vo. 713-296-6338</u>
(This space for State Use) (	$ \bigcirc$			WILLIAMO	111	27 2000
APPROVED BY		TITLE	NED E	BY CHRIS WILLIAMS SUPERVISOR	DATE	' ~ ( ZUUU
CONDITIONS OF APPROVA	L, IF ANY:	OFIGINAL	STRICT IS	SUPLIE		

t ·				w.,
	$\overline{}$		(	
	1			1
Submit 3 Copies to Approriate Dis				
Office DISTRICT I	Energy, Minerals and Na	atural Resouces		FORM C-103
1625 N. French Dr., Hobbs, NM 8				Revised March 25, 1999
DISTRICT II	OIL CONSERVATIO		WELL API NO.	D .
811 South First, Artesia, NM 8821 DISTRICT III	• 2040 South Pa Santa Fe, NM		30-025-1015 5. Indicate Type of Lease	8
1000 Rio Brazos Rd., Aztec, NM 8	17410			ATE FEE
DISTRICT IV	AMENDED PERFORATIONS		6. State Oil & Gas Lease No.	
2040 South Pacheco, Santa Fe, NM	1 87505 ALLOCAT UNDRY NOTICES AND REPORTS ON WE			
	RM FOR PROPOSALS TO DRILL OR TO DEEPEN OR		7. Lease Name or Unit Agreem	ent Name
DIFFERENT RESERVOI	R. USE "APPLICATION FOR PERMIT" (FORM C-101)			
PROPOSALS.) 1. Type of Well:			· ·	A B Baker
OIL WEL	L GAS WELL OTHER			
2. Name of Operator			8. Well No.	
Apache Corporation				4
3. Address of Operator 2000 Post Oak Blyd	Ste. 100, Houston, Texas 77056-4400		9. Pool name or Wildcat Blinebry O&G (Pr	o Gas) / Drinkard
4. Well Location				
Unit Letter	P : 880 Feet From The South	Line and 880	Feet From The Eas	Line
Section	10 Township 22S Range 10. Elevation (Show whether DF, RKB	37E NMPN	1 Lea Coun	ty ////////////////////////////////////
	3385' GR	, ,,,		
11.		to Indicate Nature of Notice,		
NOT	ICE OF INTENTION TO:	SUB	SEQUENT REPORT	OF:
Perform Remedial	Work Plug and Abandon	Remedial Work		Altering Casing
Temporarily Aban	don Change Plans	Commence Dril	ling Operations	Plug and Abandonment
Pull or Alter Casin		Casing Test and		_ •
	5			ĩ
Other		Other		ngle w/ Corrected
		••••••••••••••••••••••••••••••••••••••	& Amended Alloca	
12. Describe proposed	or completed operations. (Clearly state all pertin posed work). SEE RULE 1103. For Multiple Cor	ent details, and give perti	nent dates, including	estimated date
or recompletion.		ipietions. Attach wendo	te diagram or propose	a completion
	downhole commingle production from the Bli	nebry Oil & Gas (Pro (	Gas) and Drinkard J	pools under permit
DHC-522.				
To support this prop	osal we submit the following:			
, io support and prop-	obul we submit the following.			
1.)	Downhole Commingle Permit: DHC-522 - 0	)9/25/84 & NSL-3964	(SD) / DI DHC Or	der No. 0025
			Approved 1	2/27/00
2.)	Blinebry Perforations: 5422' - 5803			
	Drinkard Perforations: 6220' - 6473	Pool # 19190		
3.)	Allocation formula is based on current Bline	hry and prior Drinkard	production	
5.)	Blinebry Allocation: 205 MCFD	72% Gas	Production.	
	Drinkard Allocation: 80 MCFD	28% Gas		
1.1.10	Following Downhole Commingling well-is	producing oil & water		
1 . aller !	Request amended allocation formula for L	prinkard of 100% Oil	& Water	
$(\mu_1 4.)$	Commingling of the production from each p	ool will not reduce the	value of the total re	maining production
Lhereby certify that the informa	Ownership among both pools is common tion above is true and complete to the best of my knowledge and belief.			
SIGNATURE	obra li Arabilia	mie Sr. Engir	neering Technician	date 7/31/2001
	Debra J. Anderson	- mileOI. LAIGH		
(This space for Stale Use)				2PHONE NO. /13-296-6338
S APPROVED BY	TTILE	Orig. Signed by Paul Kautz	DA	TE AUG 1 5 2001
CONDITIONS OF APPROVAL		Geologist	DA	<u>MUU 10 2001</u>
· /				

PAUL IN
Geolog

	·····		1	
Submit 3 Copies to Approriate D	stuct State of New Me	vico	•	1
Office	Energy, Minerals and Nat			)
DISTRICT			, ,	FORM C-103 Revised March 25, 1999
5 N. French Dr., Hobbs, NM	OIL CONSERVATION	DIVISION	WELL API NO.	Kevised March 25, 1999
811 South First, Artesia, NM 882			30-025-10158	
DISTRICT III	Santa Fe, NM 87	7505	5. Indicate Type of Lease	
1000 Rio Brazos Rd., Aztec, NM	87410			FEE
DISTRICT IV			6. State Oil & Gas Lease No.	
1220 South St. Frances Drive, San	UNDRY NOTICES AND REPORTS ON WEL			
1.	ORDET NOTICES AND REPORTS ON WEL		7. Lease Name or Unit Agreement N	Jame
	IR. USE "APPLICATION FOR PERMIT" (FORM C-101) F			
PROPOSALS.)			A B	Baker
1. Type of Well:				
	DI D	IC Order No. 0025		
2. Name of Operator			8. Well No. 4	
Apache Corporation 3. Address of Operator	1		9. Pool name or Wildcat	·
2000 Post Oak Blvc	l., Ste. 100, Houston, Texas 77056-4400		Blinebry O&G (Pro C	las) / Drinkard
4. Weli Location Unit Letter	P : 880 Feet From The South	Line and 880	Feet From The East	Line
Section	10 Township 22S Range 3		M Lea County	
	3378' <u>GR</u>			
11.	~~	o Indicate Nature of Notice	-	
NO'	TICE OF INTENTION TO:	SUI I	BSEQUENT REPORT OF	(:
Perform Remedia	al Work 🔲 Plug and Abandon	Remedial Wor	k 🗌	Altering Casing
Temporarily Aba	ndon Change Plans	Commence Dr	illing Operations	Plug and Abandonment
Pull or Alter Casi				1
	ng	Casing Test ar	ia Cement Job	
Other		🗹 Other	Re-Activate Drinkard	Pool and Downhole
			Commingle w/ Blinet	ory O&G (Pro Gas)
12. Describe propose	d or completed operations. (Clearly state all pertiner	nt details, and give per	tinent dates, including esti	mated date
	oposed work). SEE RULE 1103. For Multiple Com	pletions: Attach wellb	ore diagram of proposed o	ompletion
or recompletion.				
6/27/2001	MIRU & fish plunger. Nipple up BOP. Pull	out of hole w/ produce	ction equipment. Run in	n hole w/ 2-7/8"
	workstring, bit and drill collars to 5350'			
(100,1000)		1 0 1 511 0 (0(	(I. (I.)	A., A. 1
6/28/2001	Rig up foam unit, break circulation. Run in h hole. Pull out of hole - cones off bit. Possible			Appears to be junk in
	hole. Full out of hole - cones on out. Tossiole			
6/29/2001	Run in hole w/ magnet - unsuccessful. Run ir	1 hole w/ globe baske	et & tag @ 6143' - could	l not break
	circulation. Cut 1-1/2' - pull out of hole - four	nd frac balls in baske	et, no metal	
7/2/2001	Den in totam / then is a full collars, the	inale @ (144 Decal	le giunnation duill gut l	had wet support for
7/2/2001	Run in hole w/ shoe, jars & drill collars - tag part of CIBP. Pull out of hole with rod box, s			bad spot, cement &
	put of Cipr. 1 an out of hold with rod box, b			
7/3/2001	Run in hole w/ new shoe & tag CIBP @ 6177	'. Drill out CIBP &	circulate clean. Run in	hole & tag additional
Muse)	junk @ 6377'.			
7/5/2001	Run in hole w/ impression block & tag junk @	a 6377' Dull out of	hole & found ingged on	oove in center of
1.09	block. Pick up overshot, bumper sub & jars a			
J.s.	lay down tools. Pick up junkshoe, weighted p			
	, co	ntinued on other sig		
	nation above is true and complete to the best of my knowledge and belief.			
SIGNATURE	abla anderson	mle Sr. Eng	ineering Technician	DATE 7/31/2001
TYPE OR PRINT NAME	-Debra J. Anderson		ТЕLЕРНО	
(This space for State Use)				AUG 1 5 2001
APPROVED BY	THLE		DATE	
APPROVED BY CONDITIONS OF APPROV.		Orig. Signed Paul Kaut	Dy	

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A B Baker # 4 - Downhole Commingle 30-025-10158 Unit P, Section 10, T-22S, R-37E Lea County, New Mexico

1

- 7/6/2001 Continue in hole & tag @ 6355'. Break circulation. Wash over fish to 6385'. Pull out of hole w/ 1 joint tubing, packer, 2 joints tubing & seating nipple stuck in shoe
- 7/9/2001 Run in hole & tag fill @ approximately 6465'. Pull out of hole, pick up RBP and packer. Run in hole and set RBP @ 6458' & packer @ 6115'
- 7/10/2001 Acidize Drinkard 6220' 6473' w/ 5000 gals 15% HCL. Release packer run in hole & tag salt @ 6450'. Wash salt to plug @ 6458'. Release plug and pull up hole to 5900' and set. Test RBP to 2000# OK. Pull up to 5311' and set packer. Acidize Blinebry 5422' 5803' w/ 3500 gals 15% HCL. Release packer and pull out of hole. Run in hole & tag salt @ 5534'. Wash salt to plug @ 5900'. Pull out of hole w/ RBP
  - 7/12/2001 Run in hole w/ 2-3/8" production tubing and set @ 6410'. Return to production Downhole Commingled Blinebry Oil & Gas (Pro Gas) and Drinkard effective 7/12/01 DI DHC Order No. 0025

