Form 3160-5 (August 2007)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED OMB No. 1004-0137

Expires: July 31, 2010

# 5. Lease Serial No. NMNM-14812

**SUNDRY NOTICES AND REPORTS ON WELLS** 

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

6. If Indian, Allottee or Tribe Name

	orm for proposals t Use Form 3160-3 (A						
SUBMIT	IN TRIPLICATE – Other	instructions or	page AOBBS	OCD	7. If Unit of CA/Agreem	ent, Name and/or No.	
1. Type of Well		/			8. Well Name and No.		
☐ Oil Well ☐ Gas W	ell Other		JAN 2 9	2013	Werta Federal #003 (	OCD 302384)	
Apache Corporation		la. 5. 3.	<del></del>		9. API Well No. 30-025-40799		
3a. Address 303 Veterans Airpark Lane, Suite 3000		3b. Phone No. 432/818-1062	(include area code	VED	<ol> <li>Field and Pool or Exp House; Blinebry/House</li> </ol>	ploratory Area e; Tubb, North/House; Dr	inkard 🗸
Midland, TX 79705  4. Location of Well (Footage, Sec., T., I	R., M., or Survey Description,	l			11. Country or Parish, St		
335' FSL & 990' FEL, UL P, Sec 35, T19S, R38E	Ē			:	Lea County, NM		
12. CHEC	K THE APPROPRIATE BO	X(ES) TO IND	ICATE NATURE (	OF NOTIC	E, REPORT OR OTHER	R DATA	
TYPE OF SUBMISSION			TYPE	E OF ACTI	ON		
✓ Notice of Intent	Acidize Alter Casing	=	ure Treat	Recla	nction (Start/Resume)	Water Shut-Off Well Integrity	
Subsequent Report	Casing Repair	=	Construction	_	nplete orarily Abandon	Other DHC	
Final Abandonment Notice	Change Plans Convert to Injection	Plug	and Abandon Back		Disposal		
Blinebry 25% 3 Tubb 9%	Abandonment Notices must be final inspection.)  C the Blinebry-Tubb-Drinka 33230 Perforation 33470 33250   ows based on offset produced by the	ard, per the follows: Blinebry Tubb Drinkard  uction (See atta	er all requirements, lowing: 6108'-6478' 6644'-6784' 7028'-7057' ached application	for excep	SEE ATTACH CONDITION tion to Rule 303-C).  Subject Sub	ompleted and the operator h	AL.
14. I hereby certify that the foregoing is to	rue and correct. Name (Printer	<u> </u>	- <u>100</u>	<u>ر ر</u>	•		
Reesa Holland			Title Sr. Staff R	eg Tech			
Signature ROSa \$	Holland		Date 12/28/201	2	AP	PROVED	
	THIS SPACE	FOR FEDE	RAL OR STA	TE OFF	ICE USE		
Approved by  Conditions of approval, if any, are attached that the applicant holds logal or equitable to	itle to those rights in the subject				BUREAU OI	N 28 2013 CLAND MANAGEMENT BAD FIELD OFFICE	+
entitle the applicant to conduct operations a		crime for any ne	erson knowingly and	willfully +			any falsa



HOBBS OCD

**December 28, 2012** 

JAN 29 2013

Mr. Wesley Ingram
Bureau of Land Mgmt - CFO
620 E Greene St
Carlsbad, NM 88220

RECEIVED

RE:

Downhole Commingling Application Werta Federal #3 API 30-025-40799 Unit P, Section 35, T19S, R38E

House; Blinebry (33230), House; Tubb, North (33470) & House; Drinkard (33250)

Lea County, New Mexico

Dear Mr. Ingram,

Enclosed please find form 3160-5 and attachments for downhole commingling the captioned well. The ownerships (WI, NRI and ORRI) of these pools are identical in this wellbore. The fluids from each of these pools are compatible as seen in other similar commingles in the area. Combining these fluids will not result in any damage to these pools. Commingling will improve the efficiency of present and future recovery operations. Cross flow will not be a problem due to having a production lift system capable of keeping the well pumped off thereby maximizing production. This commingling will not reduce the value of the total remaining production.

The allocation method used for this well was determined by analyzing the cumulative oil, gas and water production in a nine section area of review surrounding this well. Supporting documentation is shown on the attached spreadsheet. Production for active and inactive wells was grouped by pool in the area of review. The totals for each phase were then divided by the number of wells associated with this pool yielding an average. This average was used to determine the percentage allocation.

The main reason for using this method is based on economics and minimizing reservoir damage. Past completion practices had all three zones perforated and fracture stimulated during one full week. Each zone was isolated by a retrievable bridge plug to allow for production testing of each zone for allocation purposes. This testing period lasted as long as one month before a stabilized rate was observed thus allowing the next zone to be brought on and tested. During this time period the completion fluids used were still confined to the other reservoirs causing gel damage. It is a common practice to get these fluids out of the wellbore as soon as possible to help maximize productivity. On a cost basis it is more expensive to have a completion rig move in and out multiple times to bring on each new zone. Several other factors such as weather, other new completions and regulatory well work may interfere with these new wells.

The area of review used encompasses what has been accepted as a good statistical representation for allocation purposes. By using this allocation method all zones will be brought online in a more effective and efficient manner. This will in turn generate a higher productive rate and quicker revenue streams not only for the operator but for the State of New Mexico too.

If you need additional information or have any questions, please give me a call at (432) 818-1062.

Sincerely,

Reesa Holland

Sr. Staff Regulatory Technician

				7. Jan. C	um Oil (B	BL)	19. 4 1 1 C	im Gas (MC	F)7%% & &	Cur	n Water (	BBL)©:25
J. J. Lease Name	Well Number	10DIGITAPI	是一个。然后Cocation。这种是一个	Blinebry:	Tubb	Drinkard	Blinebry	狁 Tubb's s	Drinkard.	y Blinebry	"Tubb"	# Drinkard
WERTA FEDERAL	1	3002527696	19S 38E 35O SW SE	46469	14640	11778	230648	10262	24012	56471	10929	29470
L&M	1	3002528287	20S 38E 2N C S2 SW	2365	10319	584	20481	134601	2409	3910	1684	1144
REDTAG	1	3002535333	20S 38E 2J NW NW SE	27744	4966	4740	82918	16600	27237	17293	26858	36068
PLOW BOY FEDERAL	1	3002536962	19S 38E 35J NW NW SE	25231	133	133	93025	980	1159			
L&M	2	3002539450	20S 38E 2	2475	1775	13427	35875	45313	107628	17374	8685	31852
L&M	3	3002539652	20S 38E 2	2338	1671	12702	16119	20361	48359	10719	5186	18672
REDTAG	3	3002539655	20S 38E 2	1973	2334	13641	7760	17313	34633	21842	15064	38415
REDTAG	4	3002539966	20S 38E 2K NE SW	925	615	3603	15216	18836	38398			
L&M	8	3002540262	20S 38E 2N	321	229	1744	2022	2554	6067	2200	1100	4036
			TOTALS	109,841	36,682	62,352	504,064	266,820	289,902	129,809	69,506	159,657
			AVERAGES	12,205	4,076	6,928	56,007	29,647	32,211	18,544	9,929	22,808

Proposed Allocations	Oil	Gas	Water
Blinebry	53%	48%	36%
Tubb	18%	25%	19%
Drinkard	29%	27%	44%
TOTAL	100%	100%	99%

## Apache Corporation - Werta Federal #3

### Wellbore Diagram - Current Status

API: 30-025-40799

Date: 12/20/2012



R. Taylor



335' FSL & 990' FEL, Sec 35, T19S, R38E, Lea County, NM

Surface Casing 8-5/8" 24# J-55 @ 1674' w/ 708 sx to surface

TAC @ TBD' SN @ TBD'

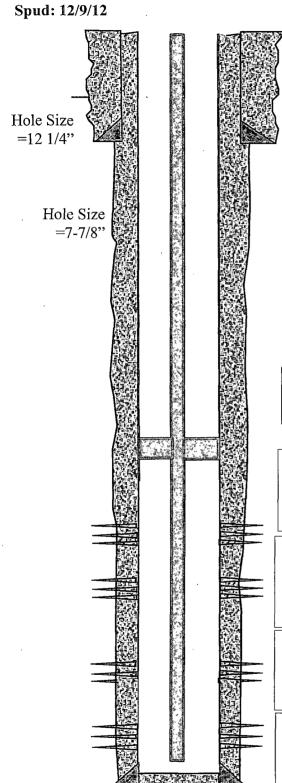
TBD: Perf Upr Blinebry @ 6108-11; 6116-25; 6151-58; 6178-86; 6234-39 w/ 2 & 4 jspf (74 holes). Acidized w/ 2500 gal 15% NEFE; Frac'd w/ XX gal Slick water w/ XXk# 100 mesh and XXX gal 15# XL w/ XXXk# 20/40 white and RC

TBD: Perf Lwr Blinebry @ 6323-30; 6340-43; 6361-67; 6382-88; 6421-25; 6469-72; 6474-78 w/ 2&4 jspf (72 holes). Acidized w/ 3000 gal 15% NEFE; Frac'd w/ XXX gal Slick water w/ XXk# 100 mesh and XXXX gal 15# XL w/ XXXk# 20/40 white and RC

TBD: Perf Tubb @ 6644-52; 6696-6705; 6774-84 w/ 2 & 3 jspf (63 holes). Acidized w/ 2100 gal 15% NEFE; Frac'd w/ XXXX gal Slick water w/ XXXk# 100 mesh and XXXX gal 15# XL w/ XXXk# 20/40 white and RC

TBD: Perf Drinkard @ 7028-32; 7034-40; 7048-57 w/ 3 jspf (57 holes). Acidized w/ 2600 gal 15% NEFE; Frac'd w/ XXXX gal Slick water w/ XXXk# 100 mesh and XXX gal 15# XL w/ XXXk# 20/40 white and RC

PBTD = 7260' TD =7306' Production Casing 5-1/2" 17# L-80 @ 7306' W/ 1096 sxs



GL=3579' KB=3590' 1625 N. French Dr., Hobbs, NM 65240BBS OCD

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised July 16, 2010

DISTRICT II 1301 W. Grand Avenue, Artesia, NM 88210

Submit one copy to appropriate District Office

OCT DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

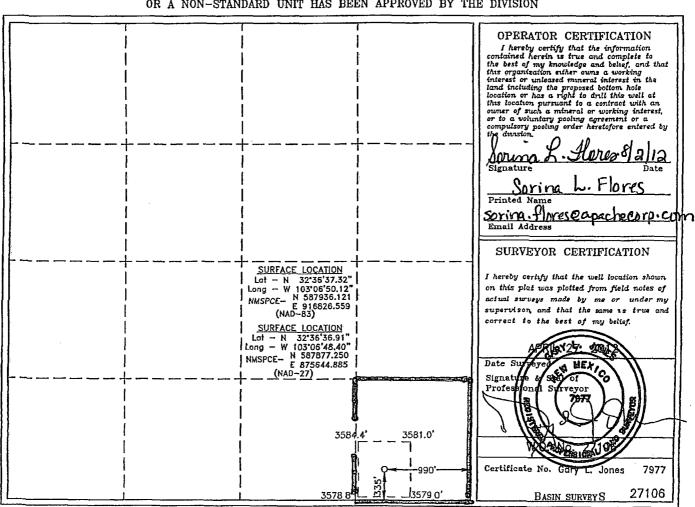
1220 S. St. Francis Dr., Santa Fe, NM 8750 ECENED

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

30-025	Number -40	799		Pool Code 230		House;				
Property (	Code		Property Name				Well Number			
_ <i>30                                    </i>	8				WERTA FEDE	RAL		3		
OGRID N	o.				Operator Nam			Eleva		
<u> </u>	)			APA	CHE CORPO	RATION		3579'		
					Surface Loc	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
Р	35	19 S	38 E		335	SOUTH	990	EAST	LEA	
			Bottom	Hole Loc	ation If Diffe	erent From Sur	face			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
Dedicated Acres Joint or Infill Consolidation Code Order No.										

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



. DISTRICT I

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

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102 Revised July 16, 2010

Submit one copy to appropriaté District Office

CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

1000 Rio Brazos Rd., Aztec, NM 87000 01 2012 DISTRICT IV

RECENED LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API	Number		:	Pool Code			Pool Name		-
30-025	- 40	799 33470 House; Tubb, Nor				rth			
Property	Code	1			Well Nu	ımber			
30 23	8	į			WERTA FEDE	RAL		3	
OGRID N					Operator Nam	e		Elevat	ion
873	)	APACHE CORPORATION						3579'	
Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Р	35	19 S	38 E		335	SOUTH	990	EAST	LEA
		· · · · · · · · · · · · · · · · · · ·	Bottom	Hole Loc	cation If Diffe	rent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	ļ						,		
Dedicated Acre	s Joint o	or Infill Co	nsolidation (	Code Or	der No.	.1 50			
ガレ	ı			- 1	1 1447	HAR	- 61 K		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

 	DARD UNIT HAS BEEN		
	SURFACE LOCATION Lat - N 32"36"37.32" Long - W 103"06"50.12" NMSPCE- P 916826.559 (NAD-83) SURFACE LOCATION Lat - N 32"36"36.91" Long - W 103"06"48.40" NMSPCE- N 587877.250 (NAD-27) (NAD-27)		OPERATOR CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that thas organization either owns a working interest or unleased mineral interest in the location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature  Date  Sorina - Hyescopachecorp. Coremail Address  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 supervison and that the same is true and correct to the best of my belief  Date Surveyor  Date Surveyor  Professional Surveyor
	3578.8	990'	Certificate No. Gary L. Jones 7977  BASIN SURVEYS 27106

1625 N. French Dr., Hobbs, NM 8824HOBBS OCD DISTRICT II

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised July 16, 2010

Submit one copy to appropriate District Office

1801 W. Grand Avenue, Artesia, NN 88210CT OI 2012 DISTRICT III OIL

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. St. Francia Dr., Santa Pe, NM 87505

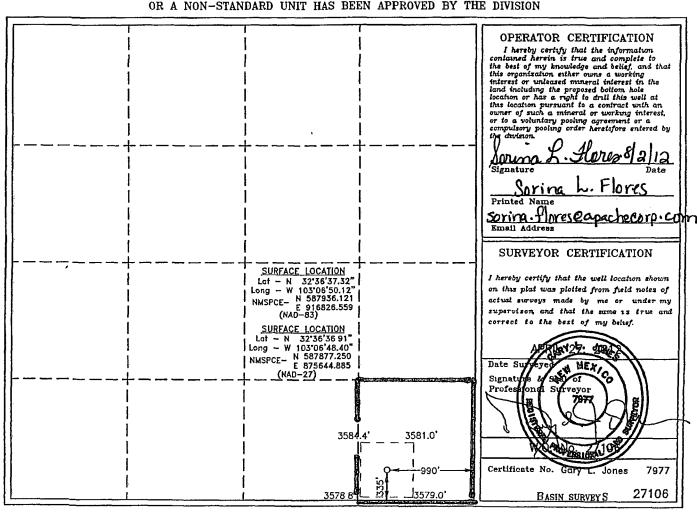
CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

30-025	Number - 40	799		Pool Code <b>250</b>		House;			
Property	Code			· · · · · · · · · · · · · · · · · · ·	Property Nam	ie J		Well N	ımber
<i>30 23</i>	8				WERTA FEDE	RAL		3	
OGRID N					Operator Nam	ıe		Eleva	
873	<b>b</b>			APA	ACHE CORPO	RATION		357	9'
	Surface Location								
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Р	35	19 S	38 E	38 E 335 SOUTH 990				EAST	LEA
			Bottom	Hole Loc	eation If Diffe	rent From Sur	face		·
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
		<u> </u>	; 	<u> </u>	<u> </u>	·		<u> </u>	
Dedicated Acre	s Joint o	r Infill   Co:	nsolidation (	Code Or	der No.	. 1 . 0			
40					DHC	- HOB	-5709		

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



### Werta Federal 3 30-025-40799 Apache Corporation January 28, 2013 Conditions of Approval

- 1. Surface disturbance beyond the existing pad must have prior approval.
- 2. Closed loop system required.
- 3. Operator to have H2S monitoring on location.
- 4. Subsequent sundry and completion report required. Completion report shall show production from each formation.

**JAM 012813**