State of New Mexico Energy Minerals and Natural Resources

Form C-101 May 27, 2004

District II
1301 W. Grand Avenue, Artesia, NM 88240

District III
1300 Rio Brazos Road, Aztec, NM 87410

District IV

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

Submit to appropriate District Office

☐ AMENDED REPORT

Apache Corporation O(205 Yale Ave, Suite 1500 Talsa, OK 74136-4224 30 025-06625 7PropertyName *Well No. 23113	APP	LICAT	IONI	FOR	PERMIT	TOD	<u>RILL, I</u>	RE-I	ENTE	CR, DI	EEPE	N, Pl	<u>LUGBA</u>	CK.	<u>OR AI</u>	DD A ZONE
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Proposed Casing and Cernent Program Hole Size			l	[17 D	.1		18 🗠			<u>S</u>	19 Ca			3469'	20 Saud Data
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Proposed Casing and Cement Program	<u>Pit:</u> Liner	. Synthetic		mıls	sthick Clay	Pit Vol	ume:	_bbls			-		•		_	
Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 17-1/2" 13-3/8" 54.5# 322' 300 TOC - circ 12" 9-5/8" 36# & 32# 2900' 1500 1500 1560' 8-3/4" 7" 23# & 20# 6660' 775 1900' 23 bescribe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. Current Profile: This well is temporarily abandoned: Drinkard perfs fir (6476' - 6660', below CIBP @ 3649'; Eumont perfs fir/ 3574' - 3620', squeezed and below CIBP @ 3500'. Apache proposes to recomplete to a Bil/Dri nijector and then bring the well into the West Blinebry Drinkard Unit per R-12981: 1. MIRU. 2. Drill out cmt and CIBPs from 3465' - 3500' & 3614' - 3649'. 3. Squeeze Grayburg perfs fr/ 3721' - 3774'. 4. Drill out and test squeeze. 5. Drill out cmt & CIBP fr/ 6346' - 6425'. 6. Clean out well to PBTD @ 6660'. 7. Isolate & acidize Drinkard fr/ 6476' - 6600'. 8. Re-perf Blinebry fr/ 5835' - 5975'. 9. Isolate & acidize Blinebry fr/ 5835' - 5975'. 10. Frac Blinebry fr/ 5835' - 5975'. 11. RIH w/ IPC injection tubing & packer to 5750'. 12. Notify NMOCD office prior to pressure testing casing per NMOCD regulations. 13. Begin injection in the Blinebry/Drinkard. Printed according to NMOCD guidelines \(\frac{1}{2}\) a general permit \(\frac{1}{2}\), or a general permit \(\frac{1}{2}\), or an (attached) alternative OCD-approved plan \(\frac{1}{2}\). Approved by \(\frac{1}{2}\). Fracteum Engineering Tech Printed name: Sophic Mackay \(\frac{1}{2}\) Approved \(\frac{1}{	Close	d-Loop Sys	tem 🗆							Fresh V	Vater	Brine	Diesel/C	DI-bas	ed Gas	/Air 🗆
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OIL CONSERVATIONDIVISION of my knowledge and belief I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit, or an (attached) alternative OCD-approved plan. Printed name: Sophie Mackay Title Engineering Tech E-mail Address sophie.mackay@apachecorp.com Phone (2004) (2009)		12. Notify NMOCD office prior to pressure testing casing per NMOCD regulations.														
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Approval plate OCD-approved plan . Printed name: Sophie Mackay)r	Annro	ved by						
Title Engineering Tech E-mail Address sophie.mackay@apachecorp.com Peter 00/19/2009 Phone (2001) 19/2009 Expiration Date.						8			·PP				Level .			
E-mail Address sophie.mackay@apachecorp.com Peter 00/19/2009 Phone (0.0) 15/19/2009 Notify OCD Hobbs	Printed name:	Sophie	Mack	ay	Aop	rie I	lackay	,	Title.	PI	TROL	EUM	ENGINE	EB		
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Date: 09/18/2008 Phone (918)491-4864 Condition of Approval: Notify OCD Hobbs	E-mail Addre	ss sophie.	macka	ay@ap	pachecorp.c	om										
	Date. 09/1	8/2008			Phone (918)491	-4864		Co	onditio	n of A	Appro	oval: No	tify (na N	OCD Ho /IIT Test	opps & Chart

State of New Mexico

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Form C-102 Revised October 12, 2005

District II

1000 Rio Brazos Rd., Azt

1625 N. French Dr., Hobbs, NM

Energy, Minerals & Natural Resources Department

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

1301 W. Grand Avenue, Artesia, 1501 522 17 2008 District III

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

			BITCHERIOEBEDICITION	L/I L I	
'API Numb	er	² Pool Code	' Po	ol Name	
30-025-06625		22900	Eunice; Bli-Tu-Dr, North		
'Property Code			Property Name	' Well Number	
23113 State C Tract 12				003	
OGRID No.			' Elevation		
00873 Apache Corp		ooration (873)		3469'	

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
Е	16	21S	37E		1980	North	660	West	Lea

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
								23454 (1054 11114)	County
" Dedicated Acres	" Joint or	· Infill " C	Consolidation C	Code "Or	ler No.				
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.

.0861		17 OPERATOR CERTIFICATION I hereby 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 hole 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
٥٥١٥)		Signature Date Sophie Mackay Printed Name
		18SURVEYOR 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
		Date of Survey Signature and Scal of Professional Surveyor Certificate Number

Present

WELL DATA SHEET Last Update: 9-9-08

515 2150 x	•		WELL DAT	A SHEET	Last Up	date: <u>9-9-08</u>
all broad Sections	Lease Name: V	VBDU "58×CS	tare C [cact 12	2 #3) AI	PI No: 30-	025-06625
	Location: 6-51	N/660 W W-NW Sec/6	T-215 R-37	<i>y</i> = Co	ounty: Lea	025-06625 L ST: <u>M</u> M
ı		111				89'GL /2'KB
						Date: <u>3-3-6/</u>
Toc	.]]	1560				TOC: <u>/900′(1</u> 5
//						<u> </u>
4			Perfs: From	3721 to 7	*/ /spf	to
r		Wt:545 36#				to
		Grd:	IP:B			
	7465	Dpth:322 290				<i>ed)</i>
CIB8e35 ~/35'cm		Cmt:300 /500				
-733 c		(Circ)		~		
	3614	3574 Saw				
		3620- 30051				
		~/35'cmr				
••		Grayburg				
		3721				
		3774				
		Blinebry 5835				
	<u>.</u>	5975'				
	6346	CIBP@6425	Well Equipme	nt:		
Prinkard		W/125x cmr	Pumping Unit:			
6476		Size: 7"	Motor Type: _		HP:	POC:
+0			Tbg:J			
6598						AC @
0615-60	†	Dpth: <u>6660</u>				
1	<u></u>	Cmt: 775/x	Pump:			
1	TP:6666	.				
	1 2 10 10 10 10 1					

Proposed

WELL DATA SHEET Last Update: 9-15-08

	Lease Name: WBDU 158	(State C, Tract/2 43) API No: 30-025-06625
	Location: <u>C-Sw-Nw</u> , Sec /6	6, T-2/5, R-37E County: Lea ST: NM
	-	Spud Date: 7-/9-47 Well Elev: 3469 GL 12 KB
	Injection Order No: R-12981	TD Date: <u>9-9-47</u> Completion Date: <u>3-3-6/</u>
	Permit BPD / PSI: 490 / 1/20	TD: 6660 PBTD: 6660 TOC: 1900 +5
		Producing Formation: Blinebry / Prinkard
	Size:/3 ^{2/8} ,9 ⁵ /	Perfs: From <u>5825</u> to <u>5975</u> /spf to
100	Wt: 57,5 36	6476' to 6660' /spf to
177 10c/	777 Grd:	Well History: (See Attached)
	Dpth:322 29	200′
Eumont	. Cmt: 300 /5	00
8574-3620°	(Circ)	
Grayburg	<u>1</u>	
, 3721- 3 774	+ 1 1 1	
9 during		
.on version	pinepry	
	5835'	
	5975	
	Drinkard	
	6476	
	FTO	
	6500'	Well Equipment:
•	0 70	Tbg: ±185 Jts 2 3/5" Size IPC Grade
	6615	Pkr Type Bak + Lok - Set Depth: 5750
	Casing:	
	Size: 7"	Wt: <u>20/23 Grd: N-80</u> Depth: <u>6660</u> Cmt: <u>775 s</u>
_	6660	•
<u>-</u>	TO:6660'	