Office	y To Appropriate District 🤤 🔿	CD State of N Energy, Minerals a	New Mexic			Forn Revised July	n C-103
<u>District I</u> – (57) 1625 N. Frence	h Dr., Hobbs, NM 88240 7 20		ind Natural	Resources	WELL API 1 30-025-3826	NO.	10, 2015
	., Artesia, NM 88210	OIL CONSERV				Type of Lease	1.500
1000 Rio Braz	505) 334-6178 cos Rd., Aztec, NM 87410 EIV	ED 1220 South	St. Francis NM 8750		STAT	TE 🗸 FEE	]
District IV - (	505) 476-3460 ancis Dr., Santa Fe, NM	6. State Oil & Gas Lease No. B0-1557					
	SUNDRY NOTICE E THIS FORM FOR PROPOSAL RESERVOIR. USE "APPLICAT		EN OR PLUG E			me or Unit Agreement y Drinkard Unit (WBDL	
PROPOSALS	.)	s Well 🗌 Other			8. Well Nur	nber 063	
2. Name of Apache Cor	f Operator	- Jon C Onter			9. OGRID	umber	
3. Address	of Operator s Airpark Lane, Suite 1000	Midland, TX 79705		245		ne or Wildcat D, North (22900)	
4. Well Lo	D 110	N	Jorth		)E	West	/
A D Reader	Int Letter			line and		et from the West	line
Se	ction 16	Township 21S 1. Elevation (Show whe			NMPM	County Lea	
			5' GL	, ni, on, e.e.			
PERFORM	NOTICE OF INTE	TOPRIATE BOX TO IND NTION TO: LUG AND ABANDON			SEQUENT	REPORT OF:	
		HANGE PLANS		OMMENCE DR ASING/CEMEN		P AND A	
			- Artes				
OTHER:	OOP SYSTEM			THER:			
proj	tarting any proposed work). posed completion or recomp like to CO, add pay and ac	oletion. idize, per the attached p	. 43	4/24/2007			
	4/5/2007						
I hereby cert	ify that the information abo	ve is true and complete	e to the best o	of my knowledg	e and belief.		
SIGNATUR	E Reesa Fisher	TITL	E Sr. Staff Re	eg Analyst		DATE 6/20/2016	
Type or print For State Us	Reesa Fisher	E-mai	il address: R	eesa.Fisher@apa	achecorp.com	_ PHONE: (432) 818	-1062
APPROVED Conditions o	BY: Maleu At f Approval (if any):	hown TITLE	Dest	. Sur	2er sol	DATE 627	2016
	v						/

## WBDU 63 (API: 30-25-38267) Proposed Procedure

## Clean out, add pay, and acid stimulate Blinebry, Tubb, Drinkard

- Day 1: MIRU. NU HBOP. POOH w/pump and rods. Scan out of hole w/ 2-7/8" tubing. PU and RIH w/bit and drill collars on 2-7/8" work string.
- Day 2: RU and break circulation with foam nitrogen unit. Clean out well to PBTD. Circulate clean. POOH and LD bit and drill collars.
- Day 3:MIRU WL. RIH and perforate the Drinkard as per the attached sheet w/ 3-3/8" slick guns loaded w/ OwenTAG-3375-311SL charges (or similar) @ 1 SPF, 180 deg phasing (total 42 ft, 42 shots), POOH

**Day 4:** RIH w/ 2-7/8" work string, treating packer, and RBP. Set RBP at +/- 6,700'. Set packer at +/- 6,400'. Acidize the Drinkard formation down 2-7/8" work string w/5,000 gal of 15% HCl-NE-FE-BXDX acid w/scale inhibitor and rock salt @ +/- 10 BPM (max pressure = 4,000 psia). Release packer. Wash out salt.

Retrieve RBP and PUH to 6,400'. Set RBP at +/- 6,400'. Set packer at +/- 6,200'. Acidize the Tubb formation down 2-7/8" work string w/3,000 gal of 15% HCI-NE-FE-BXDX acid w/scale inhibitor and rock salt @ +/- 10 BPM (max pressure = 4,000 psia). Release packer. Wash out salt.

Retrieve RBP and PUH to 5,900'. Set RBP at +/- 5,900'. Set packer at +/- 5,575'. Acidize the Blinebry formation down 2-7/8" work string w/3,000 gal of 15% HCl-NE-FE-BXDX acid w/scale inhibitor and rock salt @ +/- 10 BPM (max pressure = 4,000 psia). Release packer. Wash out salt.

Retrieve RBP. POOH w/ 2-7/8" work string, packer, and RBP. LD 2-7/8" work string.

**Day 5:** RIH w/ 2-7/8" tubing and SN to +/- 6,747'. Swab well for approximately 4 hours to flow back any scale and/or insoluble iron. RIH w/ pump and rods. Place well on production. RDMO.

Guns: 3-3/8" TAG w/SDP Charges							
Zone	Тор	Bottom	Feet	SPF	Shots		
Drinkard	6481	6484	4	1	4		
Drinkard	6488	6489	2	1	2		
Drinkard	6524	6526	3	1	3		
Drinkard	6578	6590	13	1	13		
Drinkard	6600	6606	7	1	7		
Drinkard	6617	6620	4	1	4		
Drinkard	6652	6660	9	1	9		
		Total	42		42		

Well Name: WBDU 63 Pilowi [Surface Legal Location   Field Name				License #				State Province	Purpose			
2538 Date	8267	1107 FML, 11857 FML, Unit D, Sec 18,	T-2. EUNICE A		Comment Fire	ation and	4.2	NEW MEXIC KB-Ground Distan		PL		and and and
	7 10:00	Orginal Drilling Rig Release 4/25/2007 22:00	3,516.0	ievason (ni)	evation (ft) Ground Elevation (ft) 3,505.0			11.0	(A)	100	sing Flange Ele	WELCHI (TE)
	(15KB)		15 mil at a			NI (TVD) (BOB)	12	時代のため		States	Service Service	
	State of the state											
PL	JD - STATE C TI	RACT 12 31 - Original Hole, 5/2/20	16 8:53:31 AM	Casing Stri		00 (n)	-	Willen (bft)		Grade	Set	Depth (ftK
B)	the second	Vertical schematic (actual)		Surface	A COLOR	8 5	and the second second	24.0	Contraction of the			1,2
				Prod 1	1.1.1	51	2	17.0	0	1. 1. 1. 1.	and the	6,8
				<b>Tubing Stri</b>				h in			10.00	
				Tubing Descript	on	Run Date		String Le	מקסה (11)		Set Depth (ft)	(B)
•				tte:	m Des	JE	Make	N	lodei	OD (in)	WE (ID/E)	Orade La
				-			-		A DATA	-		
				Rod String: Rod Description		Run Date		String Le	(P)		Set Depth (19	(2)
				The best from	ALL STOR		10-105	County Lo	T OF ME LINE		COLL DEDUTIN	
				he	m Des	Jts	Make	e M	lodel	OD (in)	Wt (Ib/ft)	Grade L
t		X	Contraction Resident	Other In Ho	le		-			1		_
				Description		1.22	T	00 (n)	)	Top (1918)	Run Date	
				Perforation			_		Contraction of the		-	
		3INGLE; 11.0-1	,286.0 ftKB	a second and the second			I		119		Shot Dens	Entered
				Date 5/30/2007	Blinebry	Top (ft)	(B) (629)	Btm (fbKB) 5,635	Prop		(shots/ft) 2.0	Total
*				5/30/2007	Blinebry	the second se	654	5,658	No	and the second	2.0	
		100 M		5/30/2007	Blinebry	and the second se	,750	5,754	No		2.0	
				5/30/2007	Blinebry	and the second se	834	5,840	No		2.0	
				5/25/2007	Tubb	and the second se	,256 ,270	6,260 6,274	No No		2.0	1
	3			5/25/2007	Tubb	the set of	284	6,290	No		2.0	
*				5/25/2007	Tubb		.322	6,326	No	and the second sec	2.0	
				5/22/2007	Drinkard	and the second se	466	6,470	No		2.0	2004
	8			5/22/2007	Drinkard Drinkard	and the second se	,508 ,592	6,512 6,596	No		2.0	1.25
		<b>X</b>		5/22/2007	Drinkard	and the second se	610	6,614	No	and the second second	2.0	
	8			5/22/2007	Drinkard	and the second se	626	6,630	No		2.0	11.51-
2				5/22/2007	Drinkard	and the fact of the second second	646	6,650	No		2.0	
				5/22/2007 Blue Back	Drinkard		,662	6,666	No		2.0	201
		A		Plug Back		5 Type	1	10000		Depth	11(E) D	epth (TVD)
	1220			Comment		196.9	-					
				Comments				<u></u>				-
•		REMEDIAL CE	MENT; 1,286.0-	1.00.00			14				1	
	10											
•												
	88											
		*										
	892	96										
	1090 1070	548 520										
•	機											
	<b>1</b>	88										
	888	928										
	ADH I	094										
	· · · · ·	Cement Plug; 6	795.0-6,845.0									