Form 3160-4 (August 1999)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

OME	NO.	1004-	103	7
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	WEI	LCON	ADI ET	AUB MANIT	OR RECO	MDIE	ANAGEM	IENT	חד או	UD 1 00					es: November	30, 2000
	77		VII LL	11011	OK KECO	IVIT LE	I ION R	EPU	KI AI	ND LOG			5. Lease Sea			
la. Type of Well:		<del></del>					<del></del>						NM-25			
_	Dil Well	r	Gas	\A/ell	☐ Dr	٦,	По	ther					6. If Indian,	Allottee	or Tribe Name	1
b. Type of Completion			003	AACII		у .	ш	uner					7 Unit or C	'A Agrana	nent Name and	131-
✓ r	iew Well	[	Wor	kover		epen	☐ PI	ug Ba	ck	Diff. F	Resve		7. Onn of C	A Agreen	hent Name and	1 NO.
	Other	_						ag so		O	/C24! '		8. Lease Na	me and U	Zall Ma	
								•							inkard U	ni+ #1.42
2. Name of Operator							<del></del>		*****	<del></del>			9. API Well		mkaru U.	Ші #143
Apache Corpo	oration												30-025		4	
3. Address	G : 1600	<b>-</b> .						3a. Pho	ne No. (ii	clude area cod	de)				Exploratory	
6120 S. Yale,	Suite 1500,	Tulsa,	OK 7	4136					918-4	<del>191-495</del> 7	<u> </u>		Eunice	N.; B	linebry-T	Tubb-Drinkar
4. Location of Well (Re						)*							11. Sec., T.,	R, M, o	r Block and Su	irvey or Area
At surface	330' FNL	, 1330	rwL,	LOI 3									Sec.3, 1	Γ21S,	R37E, N	MPM
At top prod. interval	reported below															
rang process													12. County	or Parish		13. State
At total depth													]	Lea C	0.	NM
14. Date Spudded		15. Date	T.D. Read	ched			16. Date Cor	mpleted					17 Elevatio	ns (DR R	KB, RT, GL)	
8/8/	2002		8/21	/02				& A		✓ Ready	to Pr	oduce	27. 23.07 4410.	110 (D1', 1	AD, KI, GL)	
· · · · · · · · · · · · · · · · · · ·										•	9/12			3485	GL	
18. Total Depth:	MD	6990'		19. Plug	Back T.D.:	MD		6	943'			pth Bridge Plug	Set:	MI		
<del></del>	TVD					TVD					ŀ			TV		
21. Type Electric & Ott	her Mechanical Log	rs Run (Sub	mit copy	of each)						22. Was we	11 00 00 4	. D	No	Ť		
DL/MSFL, SI	D/DSN/SGL									1			No	늗	Yes (Subm	
										Was DS			_	<u> </u>	Yes (Subm	
23. Casing and Liner Fa	ecord (Report all st	rings set in y	well)							Direction	onal Sur	vey? ✓	No		Yes (Subm	ait copy)
						S	tage Cemente	r T	No.	of Sks. &		lurry Vol.				
Hote Size Size	Grade Wt.	(#/ft.)	Top (l	MD)	Bottom (MD)		Depth			of Cement	•	(BBL)	Cement To	op*	Amo	ount Pulled
12-1/4 8-	5/8 24	4#	0		1259		•		600 sx	Class C		165	Surf	,  -		- <del></del>
7-7/8 5-	1/2	7#	0		6990			1		x Class C	l	104	Surf			
									1500	A CIUSO C		107	Suii		<del></del>	<del></del>
													<del>,,,</del> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
							****									
																······································
24. Tubing Record											<u> </u>	<del></del> !				<del></del>
	epth Set (MD)	Packe	er Depth (1	MD)	Size	D	epth Set (MD	))	Pac	ker Depth (MD	))	Size	Depth	Set (MD	) F	acker Depth (MD)
2-7/8	6877	1														1 10 10 1
25. Producing Intervals Format						26. Per	foration Reco					·				
	1001	To	эp		Bottom	ļ		forated l				Size	No. Hole	:\$	Pe	rf Status
Drinkard		<del> </del>				<u> </u>	66	<u>92 - (</u>	6811			4"	128		Pro	ducing
Tubb		ļ						<u> 50 - (</u>				4"	116		Pro	ducing
Blinebry		<del> </del>				· · · · ·	58	<u> 80 - (</u>	5104			4"	128	128 Producing		ducing
27. Acid, Fracture, Trea	tment Cament Son	agga Eto		L												1000
Depth Int		eeze, Etc.			<del></del>											
	Drinkard)	Agidie	and res	2405		IIOI		7.00		and Type of M						
	Tubb)	Acidia	zeu w/	3493	gals 15%	HCL	- Frac v	V/ 32	664 ga	ils gel &	80,0	<u>00# 16/30</u>	sand			
	Blinebry)	Acidia	zeu w/	<u> </u>	gals 15%	HCL	- Frac v	v/ 32	647 g	ils gel &	<u>80,0</u>	<u>00# 16/30</u>	sand		9	
3680 - 0104	DIMICULY)	ACIUIZ	zeu w/	3333	gals 15%	HUL	- Frac v	v/ 32	647 ga	ils gel &	<u>80,0</u>	<u>00# 16/30</u>	sand		<u> </u>	<u> </u>
28. Production - Interva-	l A	<u> </u>														
Date First	Test		Hours	Test		Oil	I	Gas		Water		Oil Gravity	lC	Dec	disation Mother	- C. C.
Produced	Date		Tested	Productio	n.	BBL		MCF		BBL		Corr. API	Gas Gravity		duction Metho	g Cr
9/12/02	9/21/20	02	24			İ	60	1.	49	179		260			<b>D</b>	•
Choke	Tubing			24 Hour					7.7			36.8		1	Pui	mping
Size	Pressure	- 1		Rate		Oil BBL	,	Gas MCF		Water BBL		Gas : Oil	Well S	tatus		
	Flwg.				📞		ľ	,,,,,,		DDL		Ratio	- 1			
	SI											2483	1		Produci	ing
28a. Production - Interva Date First										·						<del></del>
Produced	Test Date			Test Productio		Oil BBL		Jas	^	Water	1 L-/	Oil Gravity	Gas	Pro	duction Metho	d
						المدار	ľ	MCF	[ ]	BACEPT	$\square$	FOAR RE	COPPE	#		
									10	PRIG. S	GD	) DAVID	BA	ASS		
Choke	Tubing	_		24 Hour		Oil		Jas	+ ``	Water		Gas : Oil	Well S		,	
Size	Pressure Flwg.	Pre	essure	Rate		BBL	N	MCF		BBL OC	:T	Ratif 2002		Ī		_
	SI	}	1		<b></b> →		-				-	,				1/
(See instructions and spa	<del></del>	ata on reve	rse side)			L		<del></del>		<u> </u>						1
		JA IEVER	444													, , , , , , , , , , , , , , , , , , , ,

DAV.D.R. GLADS TOOLEUM ENONGEER

b. Production - Inte	erval C			<del></del>			<del></del>		<del></del>
ite First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas I	Production Method
oduced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
ioke	Tubing	Casing	24 Hour	Oil	Gas	Water	Gas : Oil	Well Status	<del></del>
Ze	Pressure	Pressure	Rate	BBL	MCF	BBL	Ratio		
	Flwg. SI								
c. Production - Inte							L		
ite First oduced	Test Date	Hours	Test Production	Oil	Gas	Water	Oil Gravity		Production Method
oduced .	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
wke ze	Tubing Pressure	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	Flwg.						Tallo	1	
Dienocition of Go	SI as (Sold, used for fuel, vent	ad ata )							
old	is (Solii, useii for fuei, veni	eu, eic.)							
	ous Zones (Include Aquifer	:s):					31. Formation (L	og) Markers	
-	ant zones of porosity and c depth interval tested, cushic							<b>3</b> , 1 · · · · · · ·	
Fom	nation	Тор	Bottom		Descriptions, Co	ontents, Elc.		Name	Тор
							Rustler		Measured Depth
	1						Yates		2677
							Seven Riv	ers	2936
							Queen	015	3508
							San Andre	25	4092
	1			1			Blinebry	,0	5720
							Tubb		6283
					,		Drinkard		6605
							Abo		6863
				ļ			1,100		0003
	CA LATE								
	co : [								
	-								İ
2. Additional remar	ks (include plugging proce	edure):			· · · · · · · · · · · · · · · · · · ·				
		-		an an					em e
*									
3. Mark enclosed a									
✓ Electric	al/Mechanical Logs	s (1 fuil set	req'd.)	☐ Geologi	ic Report	∐ DS	T Report	Directi	ional Survey
☐ Sundry	Notice / Plugging	/ Cement V	erification	Core Ar	nalysis	☑ Ot	ther <u>Deviation</u>	Rpt/NM-C	OCD C-104
	that the foregoing and attac	ched information	is complete and correc	t as determined from	all available reco	rds (see attached instr	uctions)*		
I hereby certify	and the foregoing and arms								
		Kara Coda	у		· · · · · · · · · · · · · · · · · · ·	Title	Sr. Engineerin	g Tech	
Name (p	lease print) <u>I</u>	Kara Coda	y Lu		· · · · · · · · · · · · · · · · · · ·				
	lease print) <u>I</u>	Cara Coda	ry.			Title Date		g Tech 9/17/2002	

# UNITED STATES

N.M. C. Cons. Division
1625 N. French Dr.

Form 3160-5	DEPARTMENT OF THE IN	TERIOR	1023 N. 116	Budget Bureau No. 1004-0135	
(August 1999)	BUREAU OF LAND MANA	GEMENT	Hobbs, NM	1	
				5. Lease Serial No.	
:	SUNDRY NOTICES AND REPOR	TS ON WELLS		NM-2512	
i	Do not use this form for proposals to dri	ll or to re-enter an		6. If Indian, Allotee or Tribe Name	
a	bandoned well. Use Form 3160-3 (APD)	) for such proposals.			
SUBM	IIT IN TRIPLICATE - Other ins	structions on revers	se side	7. If Unit or CA/Agreement, Name and/or No.	_
1. Type of Well				Northeast Drinkard Unit	
☑ Oil Well ☐ Gas	Well Other			8. Well Name and No.	
2. Name of Operator				<b>1</b> #1 <b>4</b> 3	
Apache Corporation				9. API Well No.	
3a. Address		3b. Phone No. (incl.	ude area code)	30-025-35944	
6120 South Yale, Suite 15	00, Tulsa, OK 74136	918/491	-4900	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description			Eunice: Bli-Tu-Dr, North (22900)	
		C		11. County or Parish, State	
330' FNL & 1330' F	WL, Lot 3, Sec 3-T21S-R37E, N	MPM		Lea. NM	
12. CHEC	K APPROPRIATE BOX(s) TO IND	ICATE NATURE OI	F NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION		
Notice of Intent Subsequent Report Final Abandonment Notice		Deepen Fracture Treat New Construction Plug and Abandon Plugback	Production (Start/ Reclamation Recomplete Temporarily Aban Water Disposal	☐ Well Integrity ☑ Other	
If the proposal is to deepen dir Attach the Bund under which the following completion of the invitesting has been completed. For determined that the site is read Propose to Lead 400	ted Operation (clearly state all pertinent detectionally or recomplete horizontally, give sine work will be performed or provide the Boolved operations. If the operation results in final Abandonment Notices shall be filed on by for final inspection.)  drill 12-1/4" hole to 1300' and sex class C + additives, 12.8 ppg, x class C + additives, 14.8 ppg,	ubsurface locations and rand No. on file with BLM/E a multiple completion or by after all requirements, at 8-5/8" 24# K-55.  2.06 cf/sack, 24 h	measured and true vertical BIA. Required subsequent recompletion in a new inter including reclamation, have  Cement to surface a per comp strength = 75	depths of all pertinent markers and zones. reports shall be filed within 30 days val, a Form 3160-4 shall be filed once been completed, and the operator has as follows:  50 psi, 72 hr = 990 psi	

Propose to drill 7-7/8" hole to 7000' and set 5-1/2" 17# J-55 to TD. Cement to surface as follows: Lead 880 sx 50:50 Poz class C + additives. 11.8 ppg, 2.44 cf/sack, 24 hr comp strength = 300 psi, 72 hr = 600 psi Tail 450 sx 50:50 Poz class H + additives, 14.2 ppg, 1.3 cf/sack, 24 hr comp strength = 1250, 72 hr = 1500

			<u>* * * * * * * * * * * * * * * * * * * </u>
<ol> <li>I hereby certify that the foregoing is true and correct Name (Printed Typed)</li> </ol>	1		ny ny
Mark A. Cartr	Title	Drilling Engineer	£ . (5)
Signature A Soft Holder	Date	7/17/2002	\$ - \(\frac{1}{2} \)
THIS SPACE FOR FE	DERAL OR ST	ATE OFFICE USE	No.
Approved by (ORIG. SGD.) DAVID R. GLASS Conditions of approval, if any, are stated and approval described a possible described and approval of the state of the s	Title		Date
Conditions of approval, if any, are the hed. Approval at the notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any pe any false, fictitious or fraudulent statements on representations as to any matter within its	erson knowingly and viurisdiction.	willfully to make to any department or agency o	of the United States

## **GENERAL INSTRUCTIONS**

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this

form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the local Federal office

## SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present

productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

### NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE - The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of productioin, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.) requires us to inform you that:

This information is being collected to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

#### BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, Bureau Clearance Officer, (WO-630), Mail Stop 401 LS, 1849 C St., N.W., Washington D.C. 20240 and the Office of Management and Budget, Interior Desk Officer, (1004-0135), Office of Information and Regulatory Affairs, Washington, D.C. 20503.

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