Cerved by MCD: 5/18/2024 6:20:45 AM U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Repor
Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 22 / SWSE / 32.8161984 / -103.7541783	County or Parish/State: LEA / NM
Well Number: 327	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC058395	Unit or CA Name: MCA UNIT	Unit or CA Number: NMNM70987A
US Well Number: 300252427400S1	Operator: MAVERICK PERMIAN LLC	

**Notice of Intent** 

Sundry ID: 2804215 Type of Submission: Notice of Intent Date Sundry Submitted: 08/01/2024 Date proposed operation will begin: 08/01/2024

Type of Action: Plug and Abandonment Time Sundry Submitted: 10:09

Procedure Description: Maverick Permian LLC is requesting approval of the attached P&A plan.

**Surface Disturbance** 

Is any additional surface disturbance proposed?: No

**NOI Attachments** 

**Procedure Description** 

MCA\_327\_P\_0A\_Procedure\_FINAL\_20240826094353.pdf

Received by OCD: 9/18/2024 6:20:45 AM Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 22 / SWSE / 32.8161984 / -103.7541783	County or Parish/State: LEA 2 of 26
Well Number: 327	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC058395	Unit or CA Name: MCA UNIT	<b>Unit or CA Number:</b> NMNM70987A
US Well Number: 300252427400S1	Operator: MAVERICK PERMIAN LLC	

## **Conditions of Approval**

#### **Specialist Review**

 $MCA\_Unit\_327\_Sundry\_ID\_2804215\_P\_A\_20240917134239.pdf$ 

## **Operator**

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

**Operator Electronic Signature: NICOLE LEE** 

Name: MAVERICK PERMIAN LLC

Title: Regulatory Lead

Street Address: 1000 MAIN STREET SUITE 2900

City: HOUSTON

Phone: (713) 437-8097

Email address: NICOLE.LEE@MAVRESOURCES.COM

State: TX

State:

Field

Representative Name: Street Address: City: Phone:

Email address:

BLM Point of Contact

BLM POC Name: LONG VO BLM POC Phone: 5759885402 Disposition: Approved Signature: Long Vo BLM POC Title: Petroleum Engineer BLM POC Email Address: LVO@BLM.GOV Disposition Date: 09/17/2024

Zip:

Signed on: AUG 26, 2024 09:44 AM

eceived by OCD. 7/10/202	r 0.20.45 AM				I uge 5 0J	
	UNITED STAT DEPARTMENT OF THE UREAU OF LAND MAN	5. 1	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021 5. Lease Serial No.			
Do not use th		ORTS ON WELLS to drill or to re-enter an APD) for such proposals		f Indian, Allottee of	r Tribe Name	
	TIN TRIPLICATE - Other inst	ructions on page 2	7.1	f Unit of CA/Agree	ement, Name and/or No.	
1. Type of Well	Gas Well Other		8. 1	Well Name and No.		
2. Name of Operator			9.1	API Well No.		
3a. Address		3b. Phone No. (include area code	e) 10.	10. Field and Pool or Exploratory Area		
4. Location of Well (Footage, Sec.	, T.,R.,M., or Survey Description	)	11.	Country or Parish,	State	
12.	CHECK THE APPROPRIATE E	BOX(ES) TO INDICATE NATURE	E OF NOTICE,	REPORT OR OTH	IER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTIO	N		
Notice of Intent	Acidize	Deepen Hydraulic Fracturing	Production Production Reclama	on (Start/Resume) tion	Water Shut-Off Well Integrity	
Subsequent Report	Casing Repair	New Construction	Recompl	lete rily Abandon	Other	
Final Abandonment Notice	Convert to Injection	n Plug Back	Water Di	sposal		
the proposal is to deepen direc the Bond under which the wor completion of the involved op	tionally or recomplete horizonta k will be perfonned or provide the erations. If the operation results	lly, give subsurface locations and n ne Bond No. on file with BLM/BIA in a multiple completion or recomp	neasured and tr A. Required sub bletion in a new	ue vertical depths o sequent reports must interval, a Form 31	rk and approximate duration thereof. If of all pertinent markers and zones. Attach st be filed within 30 days following 160-4 must be filed once testing has been he operator has detennined that the site	

14. I hereby certify that the foregoing is true and correct. Name ( <i>Printed/Typed</i> )			
	Title		
Signature	Date		
THE SPACE FOR FEDE	RAL OR STATI	E OFICE USE	
Approved by			
	Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant of 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.			
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any any false, fictitious or fraudulent statements or representations as to any matter within		nd willfully to make to any c	lepartment or agency of the United States

(Instructions on page 2)

#### **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, are either shown below, 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 the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

#### NOTICES

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. 396; 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 production, 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 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The 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 8 hours 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 (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## **Additional Information**

## Location of Well

0. SHL: SWSE / 1225 FSL / 2615 FEL / TWSP: 17S / RANGE: 32E / SECTION: 22 / LAT: 32.8161984 / LONG: -103.7541783 (TVD: 0 feet, MD: 0 feet ) BHL: SWSE / 1225 FSL / 2615 FEL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet )



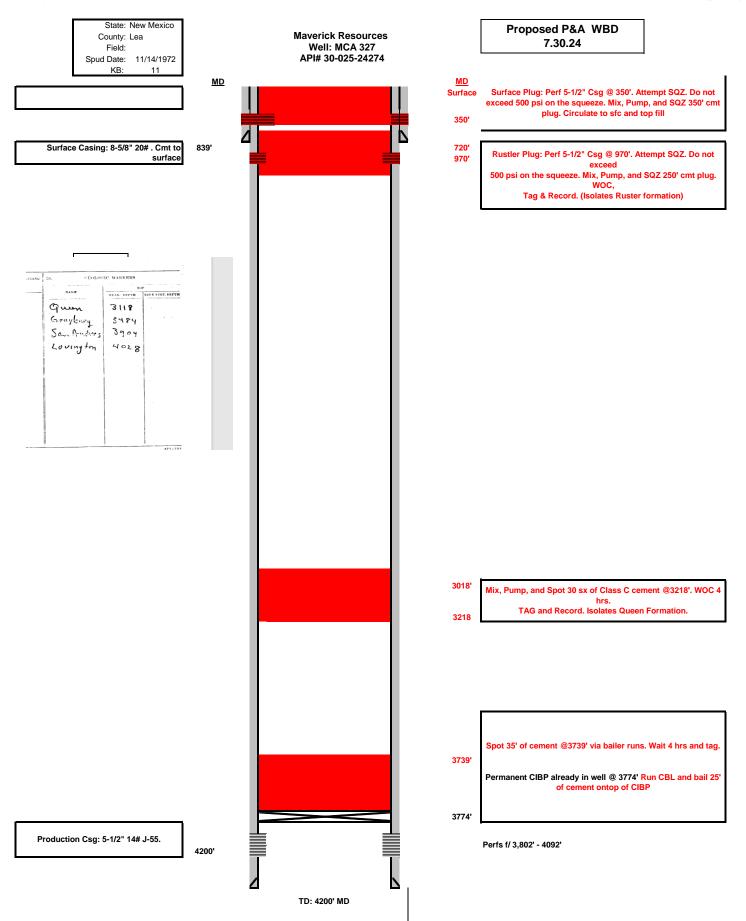
1111 Bagby Street • Suite 1600 Houston • Texas • 77002 713-437-8000

#### MCA 327 P&A Procedure

#### Notes:

#### Procedure:

- 1. Retrieve retrievable bridge plug @ 2503'
- 2. RIH and tag existing CIBP @ 3,774 and bail 25' of cement ontop
- 3. Run CBL from CIBP to sfc
- 4. Spot 35' of cement via bailer runs. Wait 4 hrs and tag. Run CBL.
- 5. Mix, Pump, and Spot 30 sx of Class C cement @ 3,218'. WOC 4 hrs. TAG and Record. Isolates Queen Formation.
- 6. Perf 5-1/2" Csg @ 970'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. WOC, Tag & Record. Isolates Ruster formation
- 7. Surface Plug: Perf 5-1/2" Csg @ 350'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 350' cmt plug. Circulate to sfc and top fill
- 8. Cut wellhead and install dry hole marker





# MCA 327 Wellbore Diagram

Well Header					
API# 3002524274	State NEW MEXICO	County LEA		District PERMIAN CONVENTIONAL	
Division PERMIAN	Business Unit MAVERICK PERMIAN	Region RG_SE_NEW_MEXICO	Area A_MCA		Total Depth (ftKB) 4,200.0

Wellbore Sect	tions												]	VERTICAL, Main Hol	P 7/31/201	24 1·05·03 PM
	Section Des		Size (in)	Act Top (ft		Top (TVD) (ftKB) A	ct Btm (ftKB)	Act Btm (TVI (ftKB)	Ś	rt Date		nd Date	MD	,	,	
SURFAC Production			12 1		1.0		850.0 4,200.0		11/14/19		11/14/1		(ftKB)	Vertical	schematic	actual)
Production Casing String	S		7 1	/+  85	0.0		4,200.0		11/17/19	<i>712</i>	11/17/1	312				
Casing String	: Surface 8 5/	-			NA	J		(1) (m)			I		- 11.2 -			
Casing Description Surface	11	n Date /16/1972	OD (in) 8 5/8	0D Nom 8 5/8	M ID (in)		om Mi  Wt/Le  20.0	en (lb/ft) Strin	g Grade L	_ength (ft) 839.00	Top (ftKB) 11.0	Set Depth				
	Joints ir										Top (TVD)	Btm (TVD)	- 20.0 -			Perforated; 20.0- 121.0; 10/21/2021
Item Des Casing Joints	Tally	OD (in) 8 5/8	ID (in)	Wt (lb/ft) 20.00	Grade	Len (ft 839		Top (ftKE		tKB) 350.0	(ftKB)	(ftKB)	- 21.0 -			Surface; 11.0-850.0;
Casing String		5 1/2" Set De		:00.0												Cement Squeeze;
Casing Description Production	11	n Date /23/1972	OD (in) 5 1/2	OD Nom 5 1/2	M ID (in)	ID No	om Mi Wt/Le 14.0	en (lb/ft) Strin 00 J-5	g Grade L 5 4	Length (ft) 4,189.00	Top (ftKB) 11.0	Set Depth	- 700.1 -			700.0-800.0;
	OC Joints ir	):00								1 1	Top (TVD)	Btm (TVD)	- 799.9			Perforated; 800.0;
Item Des Casing Joints		OD (in) 0 5 1/2	ID (in)	Wt (lb/ft) 14.00 J	Grade -55	Len (ft 4,189		Top (ftKE	, ,		(ftKB)	(ftKB)	- 799.9 -			11/1/1989
Cement							· · ·	· · · ·	-,2				- 850.1 -			Surface; 8 5/8; 20.00; 850.0
Surface Cementing Start Date			ementing Er	nd Date		5	String									20.00, 000.0
11/16/1972 12: Stg #		1	1/16/197	2 00:00 ump End Date		Top (ft	Surface, 85	0.0ftKB Btm (ftKB)	Top	(TVD) (ftKB	) Btm	(TVD) (ftKB)	- 1,770.0 -			
1 11/1	16/1972		1/16/197				11.0	. ,	50.0	(	, Dull	(	_ 2,503.0 _	Retrievable Bridge		
Production Cementing Start Date	ate		ementing Er	nd Date			String							Plug; 4.96; 2,503.0; —		
11/23/1972 08: Stg #	2:00 Pump Start D	1	1/23/197	2 00:00 ump End Date		Top (ft	Production,	4,200.0ftk Btm (ftKB)		(TVD) (ftKB	) Rim	(TVD) (ftKB)	- 2,508.9 -	2,509.0		Production; 1,770.0-
1 11/2	23/1972		1/23/197				,770.0		00.0		, bun		- 3,737.5 -			4,200.0; 11/23/1972
Cement Plug Cementing Start Date	ate		ementing Er	nd Date			String						3,131.5 =			
11/23/1972 08: Stg #		1	1/23/197			Top (ftl	-	Btm (ftKB)	Top	(TVD) (ftKB	) Rtm	(TVD) (ftKB)	- 3,767.7 -			
11/2	23/1972		1/23/197	•			,164.0	. ,	00.0		, bull					
Cement Squee		04	ementing Er	nd Date			String						- 3,769.0 -			
11/1/1989 08:0 Stg #	00 Pump Start D	1	1/1/1989	00:00 ump End Date			Production,	4,200.0ftk Btm (ftKB)		(TVD) (ftKB	) Dim-	(TVD) (ftKB)	_ 3,774.0 _	Bridge Plug -		
11/1	1/1989		Pi 1/1/1989			rop (ft)	<sup>(B)</sup>	( /	Top 00.0	(τνυ) (πκΒ	, Btm			Permanent; 4.96; ——		
Tubing String Set Depth: 3,7													- 3,775.9 -	3,774.0; 3,776.0		
Run Job REPAIR DOWI	Strir	ng			OD Nom	ID (in)		Wt (lb/ft)	String Grade J-55	Top (ftKB	) Set Dept		- 3,799.9 -			
FAILURE, 10/1	-			2 3/8	2 7/8	1.87	1 25/32		0-00	11.0		3,788.9 3				
15:30							Tally						- 3,801.8 -	Π		
	m Des	Len (ft)	OD (in)		Wt (lb/	,	de Run	, , ,		Btm (ftKB)	Top (TVD) (ftKB)	) Btm (TVD) (ftKB)		MALJAMAR::GB/SA ; 3,804.0-4,040.0;		
Tubing		3,726.4 0		/8 1.87	′	J-55	0		11.0	3,737.4			- 3,804.1 -	236.00		Perforated; 3,802.0-
Tubing		30.38	2 3			00 J-55	0		3,737.4	3,767.8			- 3,810.0 -			
Pump Seating Mud Anchor	Nipple	1.10 31.05					0		3,767.8 3,768.9	3,768.9 3,799.9						
Rod Strings					· I				3,700.9	3,733.8			- 3,815.9 -			Perforated: 3 816 0-
Set Depth: 3,7 Rod Description	783.9	e… Run Date	Run Job	)	OD (in)	Wt (lb/ft) S	tring Gr Top	o (ft Set De	e Set De (	String Comp	onents		_ 3,821.9 _			3,822.0; 10/18/1989 Perforated; 3,804.0-
Rod	3,78		3 REPA	ÍR NHOLE	3/4	ן ``ו		.1		Dip Tube	Rod Inse r, Sucker					3,850.0; 11/30/1972
	3		FAILU	IRE,						Guided, S	Sinker Bar,	, Sucker	- 3,839.9 -			
			//11/2	2013 07:00						Sucker R	ed, Sinker	d, Sinker	- 3,850.1 -			
										Sucker R	er Rod Gu od, Sucke	· · · · · · · · · · · · · · · · · · ·	0,000.1			
Length (ft)	OD Nominal (	(in) Quant	tity ID (	in)	Weig	ht/Length (lb/f	) Grade		Top De	Polished epth (ftKB)		Depth (ftKB)	- 3,852.0 -			
26.00 Length (ft)	0D Nominal ( 0D Nominal (	1				ht/Length (lb/f	,		-6.1	epth (ftKB)	19.9	Depth (ftKB)				
1,525.00	7/8	61	,			• •	D Spec	kD	19.9		1,544	4.9	- 3,878.9 -			Perforated; 3,879.0-
Length (ft) 2,000.00	OD Nominal ( 3/4	80	,			ht/Length (lb/f	D Spec	KD	1,544		3,544		- 3,883.9 -		and a second	3,884.0; 10/18/1989
Length (ft) 2.00	OD Nominal ( 7/8	1	,			ht/Length (lb/f	D Spec	: KD	3,54		3,546					
Length (ft) 50.00	OD Nominal ( 1 1/2	in) Quant 2	tity ID (	in)	Weig	ht/Length (Ib/f	) Grade C		Top De 3,540	epth (ftKB) 6.9	Bottom 3,596	Depth (ftKB)	- 3,892.1 -		ar sanar	
Length (ft) 2.00	OD Nominal ( 7/8	(in) Quant 1	tity ID (	in)	Weig	ht/Length (lb/f	) Grade D Spec	: KD	Top De 3,590	epth (ftKB) 6.9	Bottom 3,598	Depth (ftKB) 3.9	- 3,896.0 -			3,896.0; 10/18/1989
Length (ft) 50.00	OD Nominal ( 1 1/2	(in) Quant	tity ID (	in)	Weig	ht/Length (lb/f				epth (ftKB)		Depth (ftKB)	1			
Length (ft) 2.00	OD Nominal ( 7/8	(in) Quant	tity ID (	in)	Weig	ht/Length (Ib/f	-	- KD		epth (ftKB)		Depth (ftKB)	- 3,936.0 -			
Length (ft)	OD Nominal (	in) Quant	tity ID (	in)	Weig	ht/Length (lb/f	) Grade		Top De	epth (ftKB)	Bottom	Depth (ftKB)	- 3,940.9 -		8	Perforated; 3,936.0- [ 3,954.0; 10/18/1989
50.00 Length (ft)	1 1/2 OD Nominal (	(in) Quant	tity ID (	in)	Weig	ht/Length (lb/f				epth (ftKB)	3,700 Bottom	Depth (ftKB)	5,540.8			Perforated; 3,941.0-
2.00 Length (ft)	7/8 OD Nominal (	in) Quant	tity ID (	in)	Weid	ht/Length (lb/f	D Spec	: KD	3,700 Top De	epth (ftKB)		Depth (ftKB)	_ 3,953.1 _			3,833.0, 11/30/1972
50.00 Length (ft)	0D Nominal ( OD Nominal (	2	,			ht/Length (lb/f	C		3,70	2.9 epth (ftKB)	3,752					
16.00 Length (ft)	1 1/4 OD Nominal (	ີ 1	,			ht/Length (lb/f	,		3,75		3,768		- 3,954.1 -			
15.00		"') Quant			vveig	inviterigin (Ib/f	, Grade		3,768		Bottom 3,783		- 4,014.1 -			
Perforations										Calcu						
Date 10/21/2021 13:		Top (ftKB)	20	Btm (ftKB)		TVD) (ftKB)	Btm (TVD)	(ftKB) S	hot Dens (shots	s/ft) Shot	Iotal B	ttm - Top (ft) 1	- 4,020.0 -			
11/1/1989 00:0			300	800						1.0	2	0	- 4,029.9 -			
10/18/1989 00: 11/30/1972 00:			302 304	3810 3850						1.0	9 7	8 46				Perforated; 4,030.0- 4,040.0; 10/18/1989
10/18/1989 00:		38	316	3822	2					1.0	7	6	_ 4,040.0 _			,, 10, 1000
10/18/1989 00: 10/18/1989 00:			340 379	3852 3884						1.0 1.0	13 6	12 5				
10/18/1989 00:	:00	38	392	3896	6					1.0	5	4	4,002.0			Perforated; 4,082.0-
10/18/1989 00: 11/30/1972 00:			936 941	3954 3953						1.0	19 4	18 12				4,092.0; 10/18/1989
10/18/1989 00:	:00	40	014	4020						1.0	7	6				Cement Plug;
10/18/1989 00: 10/18/1989 00:			030 082	4040						1.0 2.0	11 21	10 10				
<b>Deviation Surv</b>		40			-							10	- 4,200.1 -			Production; 5 1/2;
Date			De	escription				Job					]			14.00; J-55; 4,200.0
Released to	Imaging: 9	<del>)/25/2024</del> 8	<del>8:09:44</del>	AM				1					1 L			•



# MCA 327 Wellbore Diagram

Well Header					
API# 3002524274	State NEW MEXICO	County LEA		District PERMIAN CONVENTIONAL	
		Region RG_SE_NEW_MEXICO	Area A_MCA		Total Depth (ftKB) 4,200.0

Survey Da	ta													VERTICAL, Main Hole, 7/31/2024 1:05:04 PM	]
MD (ftKB)	Incl (°)	Azm (°)	Method	TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	MD (ftKB)	Vertical schematic (actual)	
			1												
													- 11.2 -		0.00000000
													- 20.0 -	Perforated; 20.0- \$21.0; 10/21/2021	-
													- 21.0 -	Surface: 11 0-85	0.0;
													- 700.1 -	Cement Squeeze 700.0-800.0; 11/16/1972 Cement Squeeze 700.0-800.0; 11/1/1989 Perforated; 800.0	э;
															0;
													- 799.9 -	Perforated; 800.0 11/1/1989 Surface; 8 5/8;	
													- 850.1 -	20.00; 850.0	
													- 1,770.0 -		
													- 2,503.0 -	Retrievable Bridge	
													- 2,508.9 -	Plug; 4.96; 2,503.0;	0.0-
													- 3,737.5 -	4,200.0; 11/23/15	<del>)</del> 72
													- 3,767.7 -		
													- 3,769.0 -		
													_ 3,774.0 _	Bridge Plug - Permanent; 4.96;	
													- 3,775.9 -	3,774.0; 3,776.0	
													_ 3,799.9 _		
													- 3,801.8 -		
													- 3,804.1 -	MALJAMAR::GB/SA ; 3,804.0-4,040.0; 236.00	2.0-
													- 3,810.0 -		Э89
													- 3,815.9 -		
													_ 3,821.9 _	Perforated; 3,810 3,822.0; 10/18/1 Perforated; 3,804 3,850.0; 11/30/19	989
															4.0- 972
													- 3,839.9 -	Perforated; 3,840	0.0- 989
													- 3,850.1 -		
													- 3,852.0 -		
													- 3,878.9 -	Perforated; 3,875	
													_ 3,883.9 _	3,884.0; 10/18/19	989
													- 3,892.1 -	Perforated; 3,892	2 0-
													- 3,896.0 -	3,896.0; 10/18/19	989
													- 3,936.0 -		
													- 3,940.9 -	Perforated; 3,936 3,954.0; 10/18/19 Perforated; 3,94 3,953.0; 11/30/19	989
													_ 3,953.1 _	<b>1</b> Perforated; 3,94 3,953.0; 11/30/15	1.0- 972
													- 3,954.1 -		~~~
													- 4,014.1 -	Perforated; 4,014	4.0-
													- 4,020.0 -	4,020.0; 10/18/19	
													- 4,029.9 -	Perforated; 4,030	0.0-
													_ 4,040.0 _	4,040.0; 10/18/19	Э89
													- 4,082.0 -	Perforated; 4,082	
													- 4,091.9 -	Perforated; 4,082	∠.∪- 989
													- 4,164.0 -	Cement Plug; 4,164.0-4,200.0;	
														11/23/1972 Production; 5 1/2	2;
													- 4,200.1 -	14.00; J-55; 4,20	0.0
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Page 10 of 26

<b>WAFMSS</b> U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Report 09/16/2024
Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 22 / SWSE / 32.8161984 / -103.7541783	County or Parish/State: LEA / NM
Well Number: 327	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC058395	Unit or CA Name: MCA UNIT	Unit or CA Number: NMNM70987A
US Well Number: 300252427400S1	Operator: MAVERICK PERMIAN LLC	

Notice of Intent

Sundry ID: 2804215

Type of Submission: Notice of Intent Date Sundry Submitted: 08/01/2024 Date proposed operation will begin: 08/01/2024

Type of Action: Plug and Abandonment Time Sundry Submitted: 10:09

Procedure Description: Maverick Permian LLC is requesting approval of the attached P&A plan.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

**Procedure Description** 

MCA\_327\_P\_0A\_Procedure\_FINAL\_20240826094353.pdf

# APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 22 / SWSE / 32.8161984 / -103.7541783	County or Parish/State: LEA / NM
Well Number: 327	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC058395	Unit or CA Name: MCA UNIT	Unit or CA Number: NMNM70987A
US Well Number: 300252427400S1	Operator: MAVERICK PERMIAN LLC	

#### Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: NICOLE LEE

Signed on: AUG 26, 2024 09:44 AM

Name: MAVERICK PERMIAN LLC

Title: Regulatory Lead

Street Address: 1000 MAIN STREET SUITE 2900

City: HOUSTON State: TX

Phone: (713) 437-8097

Email address: NICOLE.LEE@MAVRESOURCES.COM

#### Field

**Representative Name:** Street Address: City: State: Phone: Email address:

Zip:

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Form 3160-5 (June 2019)		UNITED STATES ARTMENT OF THE INT AU OF LAND MANAG				FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021 5. Lease Serial No. NMLC058395				
a	Do not use this fo	OTICES AND REPORT orm for proposals to d lse Form 3160-3 (APD)	rill or to re	-enter an		6. If Indian, Allottee or				
	SUBMIT IN T	RIPLICATE - Other instruction	ns on page 2			7. If Unit of CA/Agreer				
1. Type of Well				***		MCA UNIT/NMNM70987A				
Annenand	Dil Well Gas We	beaused				8. Well Name and No. MCA UNIT/327				
2. Name of Ope	rator MAVERICK PER	MIAN LLC		9. API Well No. 30025	24274	4				
		ITE 2900, HOUSTON, T 3b. 1 (71)	)	10. Field and Pool or Exploratory Area MALJAMAR/MALJAMAR						
4. Location of V SEC 22/T17		M., or Survey Description)		11. Country or Parish, S LEA/NM	State					
	12. CHEC	K THE APPROPRIATE BOX(F	ES) TO INDICA	TE NATURE	OF NOTI	CE, REPORT OR OTHI	ER DA	ATA		
TYPE OI	SUBMISSION				E OF AC					
✓ Notice of	Intent	Acidize	Deepen Hydraulie	Fracturing	Prod	uction (Start/Resume) amation		Water Shut-Off Well Integrity		
Subseque	ent Report	Casing Repair	New Cons			omplete		Other		
,		Change Plans	Plug and A		Tem	porarily Abandon				
	indonment Notice	Convert to Injection	Plug Back			r Disposal		approximate duration thereof. If		
completed is ready for Maverick	mai Abandonment Note	ees must be filed only after all re sting approval of the attached	equirements, inc	Juding reclam	ation, hav	new interval, a Form 34	ou-4 n e oper	ust be filed once testing has been ator has detennined that the site		
	fy that the foregoing is tr / Ph: (713) 437-8097	rue and correct. Name (Printed	Typed) Title	Regulatory	/ Lead					
Signature	Electronic Submission	))	Date	e		08/26/20	24			
		THE SPACE FO	R FEDERA	L OR ST	ATE OF	ICE USE				
Approved by				1						
Lon	2 Vo	Zzz		Title let	oleum	Engineer D	ate	9/16/2024		
certify that the a	proval, if any, are attache pplicant holds legal or eq the the applicant to cond	xd. Approval of this notice does i uitable title to those rights in the uct operations thereon.	not warrant or e subject lease	Office	LFO	U				
Title 18 U.S.C S any false, fictitio	ection 1001 and Title 43 us or fraudulent statemer	U.S.C Section 1212, make it a c nts or representations as to any n	rime for any per natter within its	rson knowingl jurisdiction.	y and will	fully to make to any dep	artme	nt or agency of the United States		
(Instructions	on page 2)									

#### **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, are either shown below, 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 the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

#### NOTICES

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. 396; 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 production, 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 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The 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 8 hours 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 (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240



## **Additional Information**

### Location of Well

0. SHL: SWSE / 1225 FSL / 2615 FEL / TWSP: 17S / RANGE: 32E / SECTION: 22 / LAT: 32.8161984 / LONG: -103.7541783 (TVD: 0 feet, MD: 0 feet) BHL: SWSE / 1225 FSL / 2615 FEL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)



1111 Bagby Street • Suite 1600 Houston • Texas • 77002 713-437-8000

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MCA 327 P&A Procedure

#### Notes:

#### Procedure:

- 1. Retrieve retrievable bridge plug @ 2503'
- 2. RIH and tag existing CIBP @ 3,774 and bail 25' of cement ontop
- 3. Run CBL from CIBP to sfc
- 4. Spot 35' of cement via bailer runs. Wait 4 hrs and tag. Run CBL.
- 5. Mix, Pump, and Spot 30 sx of Class C cement @ 3,218'. WOC 4 hrs. TAG and Record. Isolates Queen Formation.

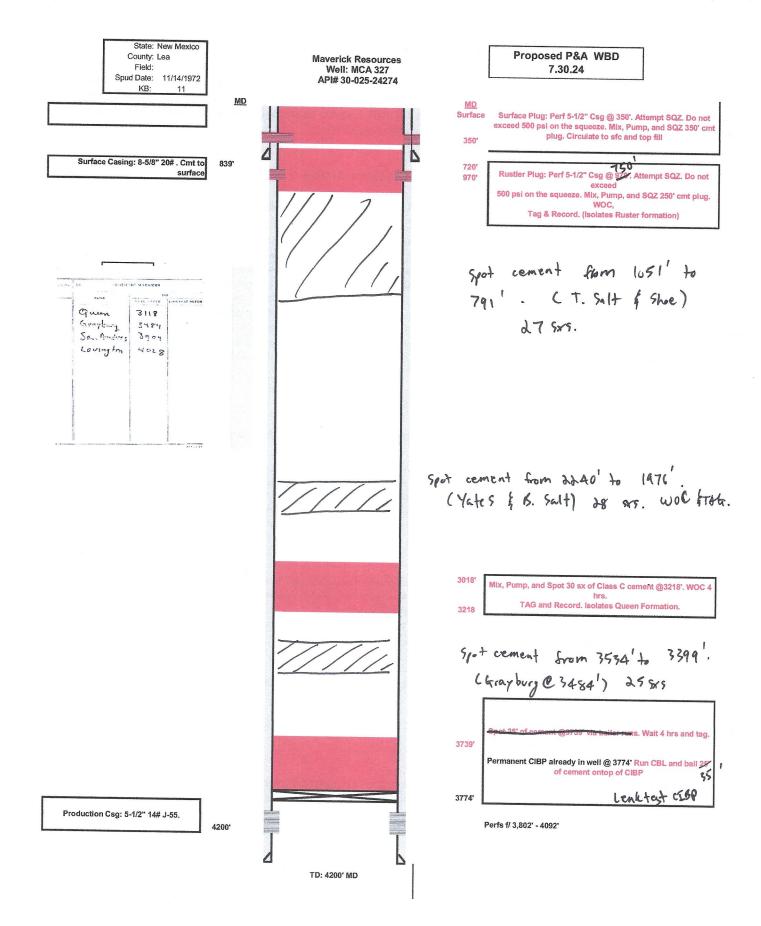
35 <sup>1</sup>

- 6. Perf 5-1/2" Csg @ 970'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. WOC, Tag & Record. Isolates Ruster formation 756 '
- Surface Plug: Perf 5-1/2" Csg @ 350'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 350' cmt plug. Circulate to sfc and top fill
- 8. Cut wellhead and install dry hole marker

spot cement from 3534' to 3399'. (Grayburg @ 3484') as srs. Spot cement from 2240' to 1976'. (Vates & B. Salt) 28 sprs. WOC STAG

Spot cement from 1050' to 791'. (T. salt & Shoe). 27 5x5

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MAVERICK

#### MCA 327 Wellbore Diagram

API# 3002524274	State NEW MEXICO	County	District	
Division	Business Unit	Region	Area	Total Depth (fKB)
PERMIAN	MAVERICK PERMIAN	RG_SE_NEW_MEXICO	A MCA	4,200,0

Display         Total         Display         Display <thdisplay< th=""> <thdisplay< th=""> <thdis< th=""><th>Wellbore Sect</th><th>lons</th><th>F</th><th></th><th></th><th>Act Top (TVD)</th><th></th><th></th><th></th><th></th><th></th><th></th><th>VERTICAL Main H</th><th></th><th>2024 1-05-03 PM</th></thdis<></thdisplay<></thdisplay<>	Wellbore Sect	lons	F			Act Top (TVD)							VERTICAL Main H		2024 1-05-03 PM
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	Production			7 1/4								(ftKB)	venuca	ar schema	uc (actual)
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1.00       1 1/2       2       C       3 (56.0.9)       3 (70.0.3)       (10.0)       3 (70.0.3)       (10.0)         0.01       OD Nominal (III)       10 (III)       (IIII)       (IIIII)       (IIIIII)       (IIIIIIIIII)       (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ength (ft)	OD Nominal (in)	1 Quantity	ID (in)			D Spec	KD	3,648.9	3,650.	9				
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Dot         Col velocity         Dete         Top (NC9)         Dete         Dete <thdete< th=""> <thdete< th="">         Dete</thdete<></thdete<>	16.00	1 1/4	1						3,752.9	3,768.	9 Depth (ttKB)	3954			
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Date         Top (MS)         Bits (TVD) (MS)         Bits (TVD) (MS)         Shot Dens (shetate)         Bits - Top (f)         61.3           1/1/19/89 00.00         800         1         <	Perforations											4014.1			÷4
1/1/1989 00:00     800     1     1     1       1/18/1989 00:00     3802     3810     1.0     9     8       3/0/1972 00:00     3802     3810     1.0     9     8       1/18/1989 00:00     3815     3822     1.0     7     46       1/18/1989 00:00     3840     3652     1.0     13     12       1/18/1989 00:00     3862     3896     1.0     6     5       1/18/1989 00:00     3862     3896     1.0     6     5       1/18/1989 00:00     3862     3896     1.0     6     6       1/18/1989 00:00     3893     4     1.0     19     18       1/18/1989 00:00     3936     3954     1.0     19     18       1/18/1989 00:00     4014     4020     4     10     10       1/18/1989 00:00     4030     4040     1.0     11     10       1/18/1989 00:00     4032     2.0     2.0     2.1     10       1/18/1989 00:00     4082     4092     2.0     2.1     10       1/18/1989 00:00     4082     4092     2.0     2.1     10       1/18/1989 00:00     4082     4092     2.0     2.1     10       1/1	Date 10/21/2021 13:00	<del>.  </del>				Top (TVD) (RKB)	Btm (TVD)	(tiKB) SI	not Dens (shots/tt)	Shot Total Bin	n - Top (ft)	4020,0			
1/18/1989 00:00       3802       3810       1.0       9       8         30/1972 00:00       3804       3850       7       46         1/18/1989 00:00       3816       3822       1.0       7       46         1/18/1989 00:00       3840       3652       1.0       13       12         1/18/1989 00:00       3862       3894       1.0       6       5         1/18/1989 00:00       3862       3896       1.0       6       5         1/18/1989 00:00       3862       3896       1.0       6       5         1/18/1989 00:00       3893       1.0       19       16       40.02       4.09.2,0-         1/18/1989 00:00       4014       4020       4       12       40.02       10.0       17       6         1/18/1989 00:00       4003       4040       1.0       19       16       40.02       10.0       7       6         1/18/1989 00:00       4003       4040       1.0       11       10       40.02       40.02       40.02       40.02       40.02       40.02       40.02       40.02       40.02       40.02       40.02       40.02       40.02       40.02       40.02 <t< td=""><td>11/1/1989 00:00</td><td></td><td>800</td><td>)</td><td>800</td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td></t<>	11/1/1989 00:00		800	)	800						1				
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Viator Surveys         2.0         21         10           Viator Surveys         Production, 5 1/2;         Production, 5 1/2;	0/18/1989 00:00				4040				1.0	11	10	4.164,3			4,164.0-4,200.0;
Description     Job     J	Deviation Surve		4082	1	4092	-	1		2.0	21	10				11/23/1972
	late			Description	i			Job			]	4200,1		-	14.00; J-55; 4,200.0
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**Released to Imaging: 9/25/2024 8:09:44 AM** 

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NATURAL	RESOURCES >

#### MCA 327 Wellbore Diagram

API# 3002524274	NEW MEXICO	County LEA	District PERMIAN CONVE	
	Business Unit	Region	Area	Total Depth (fKB)
	MAVERICK PERMIAN	RG_SE_NEW_MEXICO	A_MCA	4,200,0

MD (fike)	Incl (*)	Azm (*)	Method	TVD (AKB)	VS (fl)	Depart (ft)	NS (ft)	EW (ft)	DLS ("/100A)	Build ("/1004	Turp (*/10/	Unwrap Displace (fl)		VERTICAL, Main H	Jie, 11311.	2024 1.00.04 1 14
									(nost)			withing (iii)	MD (ftKB)	Vertica	al schema	tic (actual)
													11.2		IN THE REAL PROPERTY.	
													20.3			Perforated; 20,0- 121.0; 10/21/2021
													21,3		H I	Surface; 11.0-850.0; 11/16/1972 Cement Squeeze;
													705.3			700.0-800.0; 11/1/1989
													799.0			Perforated; 800.0; 11/1/1989
													966,1			Surface; 8 5/8; 20.00; 850.0
													1724	- 20 21 101 -	*	
													2.523.8	Retrievable Bridge		
													2,638,9	Plug; 4.96; 2,503.0; 2,509.0		Durch 1 1 1 1 1 1 1 1 1
													3777.5			Production; 1.770.0 4,200.0; 11/23/1972
													3757.7			
													3763.0			
													3,774.0	Bridge Plug - Permanent; 4.96;		
													3,776.9	3,774.0; 3,776.0		
													3,729,9			
													360.8			
													3504,1	MALJAMAR::GB/SA ; 3,804.0-4,040.0; 236.00		Perforated; 3,802.0
													3610,0		<u>वि</u> (वि (	3,810.0; 10/18/1989
													3515.9	·		Defended 0.040.0
													3,621,9			Perforated; 3,816.0 3,822.0; 10/18/1989 Perforated; 3,804.0
													3,629,9			3,850.0; 11/30/1972
													3.652,1			Perforated; 3.840.0 3,852.0; 10/18/1989
													3952,0			
													3578,9			
																Perforated; 3,879.0- 3,884.0; 10/18/1989
													3,893,9			
													3,692,1			Perforated; 3,892,0- 3,896.0; 10/18/1985
													3,895,0			3,690.0, 10/16/1985
													3,936.0			Perforated; 3,936.0-
													3740,9			3,954.0; 10/18/1989 Perforated; 3,941.0-
													3563,1			3,953.0; 11/30/1972
													3.954.1			
													4514.1			· · · · · · · · · · · · · · · · · · ·
													4,020,0			Perforated; 4,014.0- 4,020.0; 10/18/1989
													4.029.9			
													4942.0			Perforated; 4,030.0- 4,040.0; 10/18/1989
													4.052,0			
																Perforated; 4,082.0- 4,092.0; 10/18/1989
													4,031.9	1		Cement Plug;
													4.164,0			4,164.0-4,200.0; 11/23/1972
													4,200,1			Production; 5 1/2; 14.00; J-55; 4,200.0

## BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

## Permanent Abandonment of Federal Wells Conditions of Approval (LPC Habitat)

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.

3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **fresh** water. Minimum nine (9) pounds per gallon.

5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours for Class C or accelerated cement (calcium chloride) and 6 hours for Class H. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a

bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

Fluid used to mix the cement in R111Q shall be saturated with the salts common to the section penetrated, and in suitable proportions but not less than 1% and not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

6. <u>Below Ground Level Cap (Lesser Prairie-Chicken Habitat)</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified** *BY PHONE* (numbers listed in 2. Notifications) a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least <sup>1</sup>/<sub>4</sub> inch thick and welded in place. A weep hole shall be left in the plate and/or casing. The following information shall be permanently inscribed on the plate: well name and number, name of operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. <u>Subsequent Plugging Reporting</u>: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. <u>Show date well was plugged.</u>

8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

## **Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:**

From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted



# **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

#### **Reclamation Objectives and Procedures**

**Reclamation Objective:** Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (**Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure**). Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry

Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Petroleum Engineering Tech/Environmental Protection Specialist 575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Crisha Morgan Environmental Protection Specialist 575-234-5987

Jose Martinez-Colon Environmental Protection Specialist 575-234-5951

Mark Mattozzi Environmental Protection Specialist 575-234-5713

Robert Duenas Environmental Protection Specialist 575-234-2229

Doris Lauger Martinez Environmental Protection Specialist 575-234-5926

Jaden Johnston Environmental Protection Asst. (Intern) 575-234-6252

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<b>Тор</b> 0.00 791.50	Bottom 100.00	Length	Тад	Sacks	Cement Class	Notes
	100.00					
	100.00					Spot cement from 100' to surface.
		100.00	Tag/Verify			Verify at surface.
		108.50	Tag/Verify			
						Spot cement from 1050' to 791'. WOC
		110.00	Tag/Verify	27.00	С	and Tag.
1976.53	2097.00	120.47				
			base no need to			Spot cement from 2240' to 1976'.
2118.10	2240.00	121.90		28.00	С	WOC and Tag.
3036.82	3168.00	131.18	If solid base no need to Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio ns	25.00	с	Spot cement from 3168' to 3036'.
	0504.00	101.04	If solid base no need to Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio	05.00		Spot cement from 3534' to 3399'.
	1976.53 2118.10 3036.82		1976.53       2097.00       120.47         2118.10       2240.00       121.90         3036.82       3168.00       131.18	1976.53 2097.00 120.47 Tag/Verify base no need to 2118.10 2240.00 121.90 Tag If solid base no need to Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio 3036.82 3168.00 131.18 ns If solid base no need to Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio al Integrity Test), If Perf & Sqz then Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio Present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio	1976.53         2097.00         120.47         Tag/Verify           2118.10         2240.00         121.90         Tag         28.00           2118.10         2240.00         121.90         Tag         28.00           If solid base no need to Tag         (CIBP         121.90         Tag         28.00           If solid base no need to Tag         (CIBP         121.90         Tag         28.00           If solid base no need to Tag         (CIBP         121.90         Tag         28.00           If solid base no need to Tag         (CIBP         121.90         Test, If         140.00           If solid base no need to Tag, Leak         Test all         CIBP if no Open         121.18         150.00           3036.82         3168.00         131.18         ns         25.00           If solid base no need to Tag         If solid base no need to Tag         121.00         121.00           3036.82         3168.00         131.18         ns         25.00           If solid base no need to Tag         If solid base no need to Tag         120.00           If solid base no need to Tag         If solid base no need to Tag         120.00           If solid base no need to Tag         If solid base no need to Tag         120.00      <	1976.53         2097.00         120.47         Tag/Verify           2118.10         2240.00         121.90         Tag         28.00         C           2118.10         2240.00         121.90         Tag         28.00         C           If solid base no need to Tag         (CIBP         Present and/or         Nechanic al Integrity         Test), If           Perf &         Sqz then Tag, Leak Test all         CIBP if no Open Perforatio         Open Perforatio           3036.82         3168.00         131.18         ns         25.00         C           3036.82         3168.00         131.18         ns         25.00         C

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				base no			
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				Tag (CIBP			
				`			
				present and/or			
				Mechanic			
				al Integrity			
				Test), If			
				Perf &			
				Sqz then			
				Tag, Leak			
				Test all			
				CIBP if no			Tag existing CIBP at
				Open			3774'. Dump bail 35'
				Perforatio			on top. Leak test
CIBP Plug	3739.00		35.00		4.00	С	CIBP.
Perforations Plug (If No CIBP)	3752.00	4142.00		Tag/Verify			
San Andres @ 3860	3771.40	3910.00	138.60				
5.5 inch- Shoe Plug	4108.00	4250.00	142.00	Tag/Verify			

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole. Class H >7500' Class C<7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft^3/sx Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement Requirement:	Low
8.625 inch- Shoe Plug @	850.00
5.5 inch- Shoe Plug @	4200.00

Perforatons Top @

3802.00

Perforations 4092.00

CIBP @ 3774.00

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
Maverick Permian LLC	331199
1000 Main Street, Suite 2900	Action Number:
Houston, TX 77002	384461
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

#### CONDITIONS

Created By	Condition	Condition Date
gcordero	Test CIBP @ 3774' - 500psi/30min - Run CBL to surface CBL must be submitted to OCD via OCD Permitting prior to submitting C-103P	9/25/2024

Action 384461