

Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 21 / NESW / 32.8183148 / -103.7735923	County or Parish/State: LEA / NM
Well Number: 69	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC029509A	Unit or CA Name: MCA UNIT	Unit or CA Number: NMNM70987A
US Well Number: 300250061100S1	Operator: MAVERICK PERMIAN LLC	

Notice of Intent

Sundry ID: 2859640

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 06/24/2025	Time Sundry Submitted: 07:41
Date proposed operation will begin: 06/24/2025	

Procedure Description: Maverick Permian LLC is submitting the attached P&A plan.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

MCA\_069\_P\_A\_Procedure\_20250624074137.pdf

Received by OCD: 7/1/2025 11:50:39 AM

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NESW / 32.8183148 / -103.7735923

County or Parish/State: LEA /  
NM

Well Number: 69

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Lease Number: NMLC029509A

Unit or CA Name: MCA UNIT

Unit or CA Number:  
NMNM70987A

US Well Number: 300250061100S1

Operator: MAVERICK PERMIAN LLC

Conditions of Approval

Specialist Review

MCA\_Unit\_69\_Sundry\_ID\_2859640\_P\_A\_20250701082434.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

Signed on: JUN 24, 2025 07:41 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:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: LONG VO

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5759885402

BLM POC Email Address: LVO@BLM.GOV

Disposition: Approved

Disposition Date: 07/01/2025

Signature: Long Vo

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No.
		6. If Indian, Allottee or Tribe Name

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	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 BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
	Title	
Signature	Date	

<b>THE SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this 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 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.

(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: NESW / 1980 FSL / 1980 FWL / TWSP: 17S / RANGE: 32E / SECTION: 21 / LAT: 32.8183148 / LONG: -103.7735923 ( TVD: 0 feet, MD: 0 feet )

BHL: NESW / 1980 FSL / 1980 FWL / 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 069 P&A Procedure**

*Note: Suspected shallow surface leak. Procedure includes hole hunting operation.*

1. MIRU WOR & equipment. Test anchors if not tested within the last two years.
2. Lock out/tag out pumping unit. Kill well if necessary with 10# brine.
3. Unlatch rods. LD horse head.
4. PU rods to verify that pump will unseat.
5. If severe paraffin encountered, MIRU hot oil unit and pump hot lease salt water down tubing to wash rods. RDMO hot oil unit.
6. TOOH, visually inspecting, verifying count, and kicking out any rods with visible damage or pitting. Return good rods to inventory.
7. Send insert pump to pump shop.
8. ND WH. NU BOP's.
9. Scan 2 3/8" tubing out of hole and note condition of tubing and BHA. Replace joints as needed to conduct abandonment operations.
10. Set CIBP @ 3,500'. Run CBL from 3,500' to surface.  
Any cement plug above TOC will require perf and squeeze. Reference CBL run.
11. RIH with tubing and 5-1/2" packer to 3,450'.
12. Set packer and pressure test casing and CIBP to 500 psi for 30 min. Bubble test.
13. Assuming test is successful, begin series of pressure tests to locate source of casing leak. Pull uphole with test packer and pressure test to 500# for 30 min both above and below packer every 1,000'.  
Smaller increments may be used once the general area of the leak is known.
14. Bleed off pressure. Release packer. POOH with tubing and packer.
15. The location of the casing leak may require an additional cement plug or modification to an already proposed cement plug.
16. RIH with workstring to 3,500'. Displace well with gel water.



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**17. San Andres, Grayburg & Queen Plug:**

Spot 35 sx Class C cement plug on CIBP at 3,500'. WOC 4 hrs. Tag at 3,285' or higher. Record cement plug top.

**18. 7 Rivers Plug:**

Spot 30 sx Class C cement plug at 2,550'. WOC 4 hrs. Tag at 2,350' or higher. Record cement plug top.

**19. B. Salt & Yates Plug:**

Spot 65 sx Class C cement plug at 2,300' WOC 4 hrs. Tag at 1,855' or higher. Record cement plug top.

**20. Casing Shoe & T. Salt Plug:**

Perforate 5 ½" casing at 1,055'. Attempt to squeeze. Do not exceed 500 psi. Squeeze 45 sx Class C cement at 1,055' and leave a cement plug from 768' – 1,055'. WOC 4 hrs. Tag at 768' or higher. Record cement plug top.

**21. Surface Plug:**

Perforate 5 ½" casing at 300'. Attempt to squeeze. Do not exceed 500 psi. Squeeze 45 sx Class C cement at 300'. Circulate cement to surface and top fill. WOC 4 hrs. Bubble test.

22. Cut wellhead and install AGL dry hole marker.

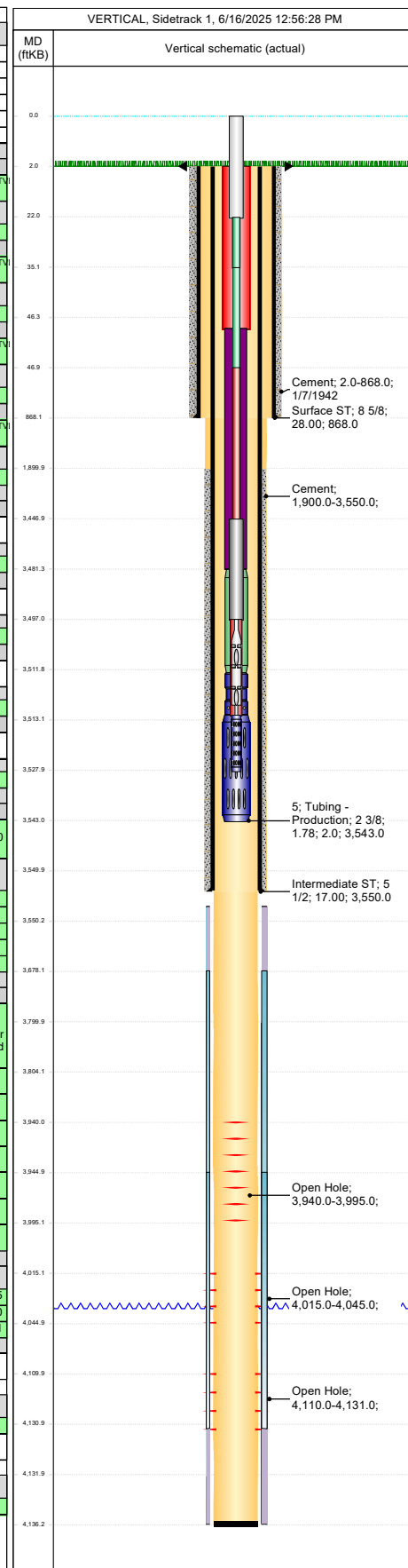
23. RDMO WOR & equipment.



# MCA 069 Wellbore Diagram

Well Header					
API #	3002500611	State	NEW MEXICO	County	LEA
Division	PERMIAN	Business Unit	MAVERICK PERMIAN	Region	RG_SE_NEW_MEXICO
				Area	A_MCA
					Total Depth (ftKB)
					4,136.0

Wellbore Sections													
Section Des		Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)	Start Date		End Date				
SURFAC		10	2.0		868.0		1/7/1942		1/7/1942				
INTRM1		6 3/4	868.0		3,610.0		1/7/1942		1/7/1942				
PROD1		4 3/4	3,610.0		3,757.0		1/7/1942		1/7/1942				
SURFAC		10	2.0		868.0		1/7/1942		1/7/1942				
INTRM1		6 3/4	868.0		3,550.0		1/7/1942		1/7/1942				
Sidetrack		4 3/4	3,550.0		4,136.0		1/7/1942		9/27/1942				
Casing Strings													
Casing String: Surface 8 5/8" Set Depth: 868.0													
Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (ftKB)	Set Depth (TVD)		
Surface	1/7/1942 00:00	8 5/8	8 5/8	8.02	8.017	28.00		866.00	2.0	868.0	2.0		
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)		
Casing Joints	0	8 5/8	8.017	28.00		866.00		2.0	868.0				
Casing String: Surface ST 8 5/8" Set Depth: 868.0													
Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (ftKB)	Set Depth (TVD)		
Surface ST	1/7/1942 00:00	8 5/8	8 5/8	8.02	8.017	28.00		866.00	2.0	868.0	2.0		
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)		
Casing Joints	0	8 5/8	8.017	28.00		866.00		2.0	868.0				
Casing String: Intermediate ST 5 1/2" Set Depth: 3,550.0													
Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (ftKB)	Set Depth (TVD)		
Intermediate ST	1/7/1942 00:00	5 1/2	5 1/2	4.89	4.8906	17.00		3,548.00	2.0	3,550.0	2.0		
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)		
Production Casing	0	5 1/2	4.891	17.00		3,548.00		2.0	3,550.0				
Casing String: Intermediate 5 1/2" Set Depth: 3,610.0													
Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (ftKB)	Set Depth (TVD)		
Intermediate	1/7/1942 00:00	5 1/2	5 1/2	4.89	4.8906	17.00		3,608.00	2.0	3,610.0	2.0		
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)		
Production Casing	0	5 1/2	4.891	17.00		3,608.00		2.0	3,610.0				
Cement													
Surface													
Cementing Start Date	1/7/1942 00:00	Cementing End Date	1/7/1942 00:00	String	Surface, 868.0ftKB								
Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)							
1	1/7/1942	1/7/1942	2.0	868.0									
Intermediate													
Cementing Start Date	1/7/1942 00:00	Cementing End Date	1/7/1942 00:00	String	Intermediate, 3,610.0ftKB								
Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)							
1	1/7/1942	1/7/1942	1,900.0	3,610.0									
Surface ST													
Cementing Start Date	1/7/1942 00:00	Cementing End Date	1/7/1942 00:00	String	Surface, 868.0ftKB								
Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)							
1	1/7/1942	1/7/1942	2.0	868.0									
Intermediate ST													
Cementing Start Date	1/7/1942 00:00	Cementing End Date	1/7/1942 00:00	String	Intermediate, 3,610.0ftKB								
Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)							
1	1/7/1942	1/7/1942	1,900.0	3,550.0									
Tubing Strings													
Set Depth: 3,543.0													
Run Job	String	String Max	OD Nom Max	ID (in)	ID Nom Min	Wt (lb/ft)	String Grade	Top (ftKB)	Set Depth (ftKB)	Set Depth (TVD)	Len (ft)		
Gen. Maint & Repair, 2/6/1998 00:00		2 3/8	2 7/8	2.00	1.78	4.70	J-55	2.0			3,541.00		
Item Des	Len (ft)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Tally Jts Run	Tally Len (ft)	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)		
2 7/8" Tubing Sub	44.40	2 7/8	2.44	6.40	J-55	0		2.0	46.4				
2 3/8" Tubing	3,435.00	2 3/8	2.00	4.70	J-55	0		46.4	3,481.4				
2 3/8" (IPC) Tubing	30.50	2 3/8	2.00	4.70	J-55	0		3,481.4	3,511.9				
2 3/8" Seating Nipple	1.10	2 3/8	1.78			0		3,511.9	3,513.0				
2 7/8" SOPMA	30.00	2 7/8	2.50	6.40	J-55	0		3,513.0	3,543.0				
Rod Strings													
Set Depth: 3,528.0													
Rod Description	Set Depth	Run Date	Run Job	OD (in)	Wt (lb/ft)	String Grade	Top (ftKB)	Set Depth	Set Depth	String Components			
Rod	3,528.0	1/26/2009	REPAIR DOWNHOLE FAILURE, 1/23/2009 00:00	3/4	1.63	C	0.0			Dip Tube, Rod Insert Pump, Sinker Bar, Sucker Rod, Sucker Rod, Sucker Rod, Polished Rod			
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)						
22.00	1 1/2	1				0.0	22.0						
13.00	3/4	3		1.63	C	22.0	35.0						
12.00	3/4	3		1.63	C	35.0	47.0						
3,400.00	3/4	136		1.63	C	47.0	3,447.0						
50.00	1 1/2	2			C	3,447.0	3,497.0						
16.00	1 1/4	1				3,497.0	3,513.0						
15.00	1	1				3,513.0	3,528.0						
Perforations													
Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)	Shot Dens (shots/ft)	Calculated Shot Total	Btm - Top (ft)						
9/11/1942 00:00	3940	3995				1	55						
1/18/1945 00:00	4015	4045				1	30						
1/18/1945 00:00	4110	4131				1	21						
Deviation Surveys													
Date	Description	Job											
	Main Hole												
Survey Data													
MD (ftKB)	Incl (°)	Azm (°)	Method	TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	
Date	Description	Job											
Survey Data													
MD (ftKB)	Incl (°)	Azm (°)	Method	TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	





State: New Mexico  
County: Lea  
Spud Date: 1/7/1942

Maverick Permian LLC  
Well: MCA 069  
API# 30-025-00611

PROPOSED P&A WBD  
6/19/2025

MD

MD

Surface Casing:  
8-5/8" 28#  
Cmt w/ 50 sx

868'

FORMATION RECORD			
FROM--	TO--	TOTAL FEET	FORMATION
0	50	50	Red sand
50	100	50	Red sand and red rock
100	140	40	Gyp
140	635	495	Red rock
635	660	25	Red sandy shale
660	685	25	Grey sand
685	725	40	Red rock
725	730	5	Sand & Gravel
730	770	40	Red rock
770	905	135	Anhydrite
905	915	10	Red bed
915	920	5	Anhydrite
920	955	35	Red rock
955	1140	185	Salt
1140	1155	15	Anhydrite
1155	1265	110	Salt & Potash
1265	1295	30	Salt
1295	1310	15	Red Rock
1310	1420	110	Salt, Red bed, potash
1420	1955	535	Salt
1955	2200	245	Anhydrite
2200	2225	25	Red rock, anhydrite
2225	2450	225	Anhydrite
2450	2455	5	Oil sand
2455	2765	310	Anhydrite
2765	2770	5	Lime & Anhydrite
2770	3050	280	totally Anhydrite

FROM--	TO--	TOTAL FEET	FORMATION
3050	3055	5	Lime
3055	3080	25	Lime and anhydrite
3080	3105	25	Anhydrite
3105	3170	65	Lime
3170	3220	50	Red sand
3220	3230	10	Lime
3230	3255	25	Lime and anhydrite
3255	3270	15	Anhydrite
3270	3285	15	Red sand
3285	3385	100	Anhydrite
3385	3395	10	Sand
3395	3410	15	Anhydrite
3410	3425	15	Anhydrite
3425	3440	15	Anhydrite, hard
3440	3460	20	Lime
3460	3580	120	Anhydrite
3580	3590	10	Gss sand
3590	3728	138	Lime
3728	3945	217	Lime
3945	4000	55	Sandy lime, Main pay

Production Casing:  
5-1/2" 17# to 3,610'  
Cmt w/ 150 sx to 1,900'  
Drilled open hole to 3,757'  
Fish left in hole

3,550'

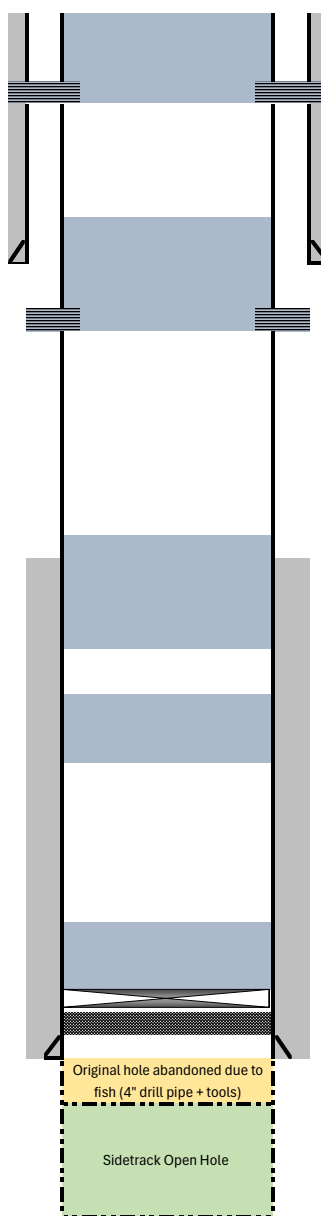
3,610'

3,757'

Sidetrack Open Hole:

Whipstock @ 3,550'

4,131'

**SURFACE PLUG**

Perf 5-1/2" casing @ 300'  
Attempt sq. DO NOT exceed 500 psi.  
Squeeze 45 sx Class C cement plug.  
Circ cmt to surface and top fill.

300'

**CASING SHOE & T. SALT PLUG**

Perf 5-1/2" casing @ 1,055'  
Attempt sq. DO NOT exceed 500 psi.  
Sq 45 sx Class C cement at 1,055'  
Cement plug from 768' - 1,055'  
WOC 4 hrs. Tag and record plug depth.

768'

1,055'

**YATES & B. SALT PLUG**

Spot 65 sx of Class C cement @ 2,300'  
WOC 4 hrs. Tag and record plug depth.

1,855'

2,300'

**7 RIVERS PLUG**

Spot 30 sx of Class C cement @ 2,550'  
WOC 4 hrs. Tag and record plug depth.

2,350'

2,550'

**SAN ANDRES, GRAYBURG & QUEEN PLUG**

Set CIBP @ 3,500' above whipstock  
Run CBL from 3,500' to surface  
Spot 35 sx of Class C cement @ 3,500'  
WOC 4 hrs. Tag and record plug depth.

3,285'

3,500'

3,550'

Whipstock @ 3,550' for Sidetrack

San Andres Interval  
3,940' - 4,131'

Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 21 / NESW / 32.8183148 / -103.7735923	County or Parish/State: LEA / NM
Well Number: 69	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC029509A	Unit or CA Name: MCA UNIT	Unit or CA Number: NMNM70987A
US Well Number: 300250061100S1	Operator: MAVERICK PERMIAN LLC	

Notice of Intent

Sundry ID: 2859640

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 06/24/2025	Time Sundry Submitted: 07:41
Date proposed operation will begin: 06/24/2025	

Procedure Description: Maverick Permian LLC is submitting the attached P&A plan.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

MCA\_069\_P\_A\_Procedure\_20250624074137.pdf

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 21 / NESW / 32.8183148 / -103.7735923	County or Parish/State: LEA / NM
Well Number: 69	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC029509A	Unit or CA Name: MCA UNIT	Unit or CA Number: NMNM70987A
US Well Number: 300250061100S1	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: JUN 24, 2025 07:41 AM

Name: MAVERICK PERMIAN LLC

Title: Regulatory Lead

Street Address: 1000 MAIN STREET SUITE 2900

City: HOUSTONState: TX

Phone: (713) 437-8097

Email address: NICOLE.LEE@MAVRESOURCES.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

APPROVED by Long Vo  
Petroleum Engineer  
Carlsbad Field Office  
575-988-50402  
LVO@BLM.GOV

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State


## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	Title
Signature	Date

## THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <b>Long Vo</b> 	Title <b>Petroleum Engineer</b>	Date 6-30-2025
Conditions of approval, if any, are attached. Approval of this 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 <b>Carlsbad Field Office</b>	

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.

(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: NESW / 1980 FSL / 1980 FWL / TWSP: 17S / RANGE: 32E / SECTION: 21 / LAT: 32.8183148 / LONG: -103.7735923 ( TVD: 0 feet, MD: 0 feet )

BHL: NESW / 1980 FSL / 1980 FWL / 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 069**  
**P&A Procedure**

**REVISED**

**12:44 pm, Jun 30, 2025**

*Note: Suspected shallow surface leak. Procedure includes hole hunting operation.*

1. MIRU WOR & equipment. Test anchors if not tested within the last two years.
2. Lock out/tag out pumping unit. Kill well if necessary with 10# brine.
3. Unlatch rods. LD horse head.
4. PU rods to verify that pump will unseat.
5. If severe paraffin encountered, MIRU hot oil unit and pump hot lease salt water down tubing to wash rods. RDMO hot oil unit.
6. TOOH, visually inspecting, verifying count, and kicking out any rods with visible damage or pitting. Return good rods to inventory.
7. Send insert pump to pump shop.
8. ND WH. NU BOP's.
9. Scan 2 3/8" tubing out of hole and note condition of tubing and BHA. Replace joints as needed to conduct abandonment operations.
10. Set CIBP @ 3,540'. Run CBL from 3,540' to surface.  
Any cement plug above TOC will require perf and squeeze. Reference CBL run.
11. RIH with tubing and 5-1/2" packer to 3,450'.
12. Set packer and pressure test casing and CIBP to 500 psi for 30 min. Bubble test.
13. Assuming test is successful, begin series of pressure tests to locate source of casing leak. Pull uphole with test packer and pressure test to 500# for 30 min both above and below packer every 1,000'. Smaller increments may be used once the general area of the leak is known.
14. Bleed off pressure. Release packer. POOH with tubing and packer.
15. The location of the casing leak may require an additional cement plug or modification to an already proposed cement plug.
16. RIH with workstring to 3,540'. Displace well with gel water.



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

**17. San Andres, Grayburg & Queen Plug:**

Spot 53 sx Class C cement plug on CIBP at 3,540'. WOC 4 hrs. Tag at 3009' or higher. Record cement plug top.

**18. 7 Rivers Plug:**

Spot 30 sx Class C cement plug at 2,550'. WOC 4 hrs. Tag at 2,350' or higher. Record cement plug top.

**19. B. Salt & Yates Plug:**

Spot 65 sx Class C cement plug at 2,300' WOC 4 hrs. Tag at 1,855' or higher. Record cement plug top.

**20. Casing Shoe & T. Salt Plug:**

Perforate 5 ½" casing at 1,055'. Attempt to squeeze. Do not exceed 500 psi. Squeeze 56 sx Class C cement at 1,055' and leave a cement plug from 768' – 1,055'. WOC 4 hrs. Tag at 768' or higher. Record cement plug top.

**21. Surface Plug:**

Perforate 5 ½" casing at 300'. Attempt to squeeze. Do not exceed 500 psi. Circulate 73 sx Class C cement at 300'. Circulate cement to surface and top fill. WOC 4 hrs. Bubble test.

**22. Cut wellhead and install AGL dry hole marker.**

**23. RDMO WOR & equipment.**

**REVISED**

12:44 pm, Jun 30, 2025

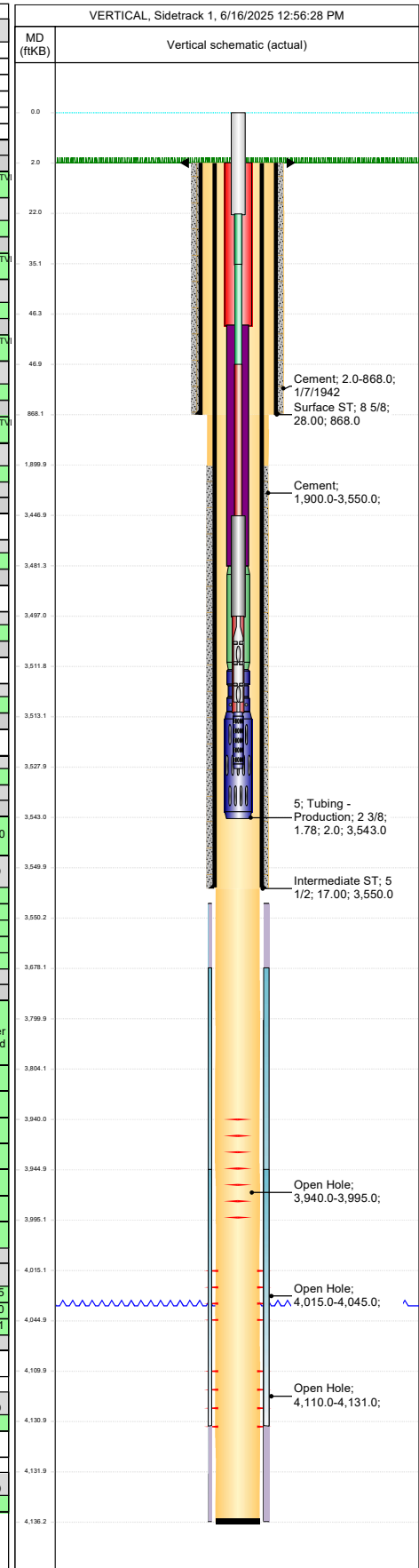




# MCA 069 Wellbore Diagram

Well Header				
API # 3002500611		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) 4,136.0

Wellbore Sections														
Section Des		Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)	Start Date	End Date						
SURFAC		10	2.0		868.0		1/7/1942	1/7/1942						
INTRM1		6 3/4	868.0		3,610.0		1/7/1942	1/7/1942						
PROD1		4 3/4	3,610.0		3,757.0		1/7/1942	1/7/1942						
SURFAC		10	2.0		868.0		1/7/1942	1/7/1942						
INTRM1		6 3/4	868.0		3,550.0		1/7/1942	1/7/1942						
Sidetrack		4 3/4	3,550.0		4,136.0		1/7/1942	9/27/1942						
Casing Strings														
Casing String: Surface 8 5/8" Set Depth: 868.0														
Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (ftKB)				
Surface	1/7/1942 00:00	8 5/8	8 5/8	8.02	8.017	28.00		866.00	2.0	868.0				
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)			
Casing Joints	0	8 5/8	8.017	28.00		866.00		2.0	868.0					
Casing String: Surface ST 8 5/8" Set Depth: 868.0														
Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (ftKB)				
Surface ST	1/7/1942 00:00	8 5/8	8 5/8	8.02	8.017	28.00		866.00	2.0					
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)			
Casing Joints	0	8 5/8	8.017	28.00		866.00		2.0	868.0					
Casing String: Intermediate ST 5 1/2" Set Depth: 3,550.0														
Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (ftKB)				
Intermediate ST	1/7/1942 00:00	5 1/2	5 1/2	4.89	4.8906	17.00		3,548.00	2.0					
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)			
Production Casing	0	5 1/2	4.891	17.00		3,548.00		2.0	3,550.0					
Casing String: Intermediate 5 1/2" Set Depth: 3,610.0														
Casing Description	Run Date	OD (in)	OD Nom Max	ID (in)	ID Nom Min	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (ftKB)				
Intermediate	1/7/1942 00:00	5 1/2	5 1/2	4.89	4.8906	17.00		3,608.00	2.0					
Item Des	Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)			
Production Casing	0	5 1/2	4.891	17.00		3,608.00		2.0	3,610.0					
Cement														
Surface														
Cementing Start Date	1/7/1942 00:00			Cementing End Date	1/7/1942 00:00			String	Surface, 868.0ftKB					
Stg #	Pump Start Date	Pump End Date			Top (ftKB)			Btm (ftKB)	Top (TVD) (ftKB)			Btm (TVD) (ftKB)		
1	1/7/1942	1/7/1942			2.0			868.0						
Intermediate														
Cementing Start Date	1/7/1942 00:00			Cementing End Date	1/7/1942 00:00			String	Intermediate, 3,610.0ftKB					
Stg #	Pump Start Date	Pump End Date			Top (ftKB)			Btm (ftKB)	Top (TVD) (ftKB)			Btm (TVD) (ftKB)		
1	1/7/1942	1/7/1942			1,900.0			3,610.0						
Surface ST														
Cementing Start Date	1/7/1942 00:00			Cementing End Date	1/7/1942 00:00			String	Surface, 868.0ftKB					
Stg #	Pump Start Date	Pump End Date			Top (ftKB)			Btm (ftKB)	Top (TVD) (ftKB)			Btm (TVD) (ftKB)		
1	1/7/1942	1/7/1942			2.0			868.0						
Intermediate ST														
Cementing Start Date	1/7/1942 00:00			Cementing End Date	1/7/1942 00:00			String	Intermediate, 3,610.0ftKB					
Stg #	Pump Start Date	Pump End Date			Top (ftKB)			Btm (ftKB)	Top (TVD) (ftKB)			Btm (TVD) (ftKB)		
1	1/7/1942	1/7/1942			1,900.0			3,550.0						
Tubing Strings														
Set Depth: 3,543.0														
Run Job	Gen. Maint & Repair, 2/6/1998 00:00		String	String Max	OD Nom Max	ID (in)	ID Nom Min	Wt (lb/ft)	String Grade	Top (ftKB)	Set Depth (ftKB)	Len (ft)	Top (TVD) (ftKB)	
				2 3/8	2 7/8	2.00	1.78	4.70	J-55	2.0		3,541.00		
Item Des	Len (ft)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Tally Jts Run	Tally Len (ft)	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)			
2 7/8" Tubing Sub	44.40	2 7/8	2.44	6.40	J-55	0		2.0	46.4					
2 3/8" Tubing	3,435.00	2 3/8	2.00	4.70	J-55	0		46.4	3,481.4					
2 3/8" (IPC) Tubing	30.50	2 3/8	2.00	4.70	J-55	0		3,481.4	3,511.9					
2 3/8" Seating Nipple	1.10	2 3/8	1.78			0		3,511.9	3,513.0					
2 7/8" SOPMA	30.00	2 7/8	2.50	6.40	J-55	0		3,513.0	3,543.0					
Rod Strings														
Set Depth: 3,528.0														
Rod Description	Set Depth	Run Date	Run Job	OD (in)	Wt (lb/ft)	String Grade	Top (ftKB)	Set Depth	String Components					
Rod	3,528.0	1/26/2009	REPAIR DOWNHOLE FAILURE, 1/23/2009 00:00	3/4	1.63	C	0.0		Dip Tube, Rod Insert Pump, Sinker Bar, Sucker Rod, Sucker Rod, Sucker Rod, Polished Rod					
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)		Bottom Depth (ftKB)						
22.00	1 1/2	1				0.0		22.0						
13.00	3/4	3		1.63	C	22.0		35.0						
12.00	3/4	3		1.63	C	35.0		47.0						
3,400.00	3/4	136		1.63	C	47.0		3,447.0						
50.00	1 1/2	2			C	3,447.0		3,497.0						
16.00	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)		Bottom Depth (ftKB)						
15.00	1 1/4	1				3,497.0		3,513.0						
15.00	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)		Bottom Depth (ftKB)						
	1	1				3,513.0		3,528.0						
Perforations														
Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)	Shot Dens (shots/ft)	Calculated Shot Total	Btm - Top (ft)							
9/11/1942 00:00	3940	3995				1	55							
1/18/1945 00:00	4015	4045				1	30							
1/18/1945 00:00	4110	4131				1	21							
Deviation Surveys														
Date	Description			Job										
	Main Hole													
Survey Data														
MD (ftKB)	Incl (°)	Azm (°)	Method	TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)		
Date	Description			Job										
Survey Data														
MD (ftKB)	Incl (°)	Azm (°)	Method	TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)		



State: New Mexico  
County: Lea  
Spud Date: 1/7/1942

Maverick Permian LLC  
Well: MCA 069  
API# 30-025-00611

PROPOSED P&A WBD  
6/19/2025

MD

MD

Surface Casing:  
8-5/8" 28#  
Cmt w/ 50 sx

868'

FROM--	TO--	TOTAL FEET	FORMATION
0	50	50	Red sand
50	100	50	Red sand and red rock
100	140	40	Gyp
140	635	495	Red rock
635	660	25	Red sandy shale
660	685	25	Grey sand
685	723	38	Red rock
723	730	7	Sand & Gravel
730	770	40	Red rock
770	905	135	Anhydrite
905	915	10	Red bed
915	920	5	Anhydrite
920	955	35	Red rock
955	1140	185	Salt
1140	1155	15	Anhydrite
1155	1265	110	Salt & Potash
1265	1295	30	Salt
1295	1310	15	Red Rock
1310	1420	110	Salt, Red bed, potash
1420	1955	535	Salt
1955	2200	245	Anhydrite
2200	2225	25	Red rock, anhydrite
2225	2450	225	Anhydrite
2450	2455	5	Oil sand
2455	2765	310	Anhydrite
2765	2770	5	Lime & Anhydrite
2770	3050	280	to top Anhydrite

FROM--	TO--	TOTAL FEET	FORMATION
3050	3055	5	Lime
3055	3080	25	Lime and anhydrite
3080	3105	25	Anhydrite
3105	3170	65	Lime
3170	3220	50	Red sand
3220	3230	10	Lime
3230	3255	25	Lime and anhydrite
3255	3270	15	Anhydrite
3270	3285	15	Red sand
3285	3385	100	Anhydrite
3385	3395	10	Sand
3395	3410	15	Anhydrite
3410	3425	15	Anhydrite
3425	3440	15	Anhydrite, hard
3440	3460	20	Lime
3460	3580	120	Lime
3580	3590	10	Gss sand
3590	3728	138	Lime
3728	3945	217	Lime
3945	4000	55	Sandy lime, Main pay

Production Casing:  
5-1/2" 17# to 3,610'  
Cmt w/ 150 sx to 1,900'  
Drilled open hole to 3,757'  
Fish left in hole

3,550'

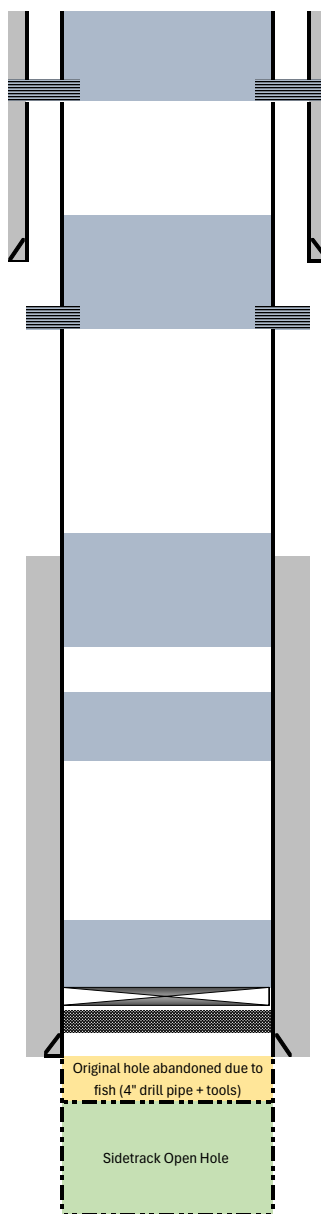
3,610'

3,757'

Sidetrack Open Hole:

Whipstock @ 3,550'

4,131'

**SURFACE PLUG**

Perf 5-1/2" casing @ 300'  
Attempt sq. DO NOT exceed 500 psi.  
Circulate 73 sxs. Circ cmt to surface  
and top fill.

300'

**CASING SHOE & T. SALT PLUG**

Perf 5-1/2" casing @ 1,055'  
Attempt sq. DO NOT exceed 500 psi.  
Sq 56 sx Class C cement at 1,055'  
Cement plug from 768' - 1,055'  
WOC 4 hrs. Tag and record plug depth.

768'

1,055'

**YATES & B. SALT PLUG**

Spot 65 sx of Class C cement @ 2,300'  
WOC 4 hrs. Tag and record plug depth.

1,855'

2,300'

**7 RIVERS PLUG**

Spot 30 sx of Class C cement @ 2,550'  
WOC 4 hrs. Tag and record plug depth.

2,350'

2,550'

**SAN ANDRES, GRAYBURG & QUEEN PLUG**

Set CIBP @ 3,540' above whipstock  
Run CBL from 3,540' to surface  
Spot 53 sx of Class C cement @ 3,540'  
WOC 4 hrs. Tag and record plug depth  
min 3009'.

3,285'

3,500'

3,550'

Whipstock @ 3,550' for Sidetrack

San Andres Interval  
3,940' - 4,131'

\*Run CBL from CIBP to surface.

Submit results to BLM.

**REVISED**

12:44 pm, Jun 30, 2025

**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**

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.

Plugging operations shall commence within **ninety (90)** 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.**

**Notification: 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; Lea County, call 575-689-5981. Eddy County, please email notifications to: [BLM NM CFO PluggingNotifications@BLM.GOV](mailto:BLM_NM_CFO_PluggingNotifications@BLM.GOV). The Eddy County inspector on call phone, 575-361-2822, will remain active as a secondary contact.**

**Blowout Preventers:** 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.

**Mud Requirement:** 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 water. Minimum nine (9) pounds per gallon.

**Cement Requirement:** 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.

Above Ground Level Marker: If outside of Lesser Prairie-Chicken Habitat an above ground level marker shall be utilized. 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 14<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.** The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the 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). A weep hole shall be left if a metal plate is welded in place.

Below Ground Level Marker: If within Lesser Prairie-Chicken Habitat a below ground level marker shall be utilized. 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 14<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 ¼ 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.

Operator to verify the ground marker type with the BLM before setting dry hole Marker.

**Subsequent Plugging Reporting:** 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. **Show date well was plugged.**

**Trash:** 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](http://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.

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.

The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

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.

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.

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.

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

Angela Mohle  
Environmental Protection Specialist  
575-234-9226

Robert Duenas  
Environmental Protection Specialist  
575-234-2229

Terry Gregston  
Environmental Protection/HAZMAT Specialist  
575-234-5958

Sundry ID		2859640					
Plug Type	Top	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify	73.00	C	Perf and circulate at 300' to surface. Verify at surface.
8.625 inch- Shoe Plug	809.32	918.00	108.68	Tag/Verify			
Top of Salt @ 960	900.40	1010.00	109.60	Tag/Verify	56.00	C	Perf and squeeze from 1055' to 768'. WOC and Tag. (In 29 sxs/Out 27 sxs)
Base of Salt @ 2011	1940.89	2061.00	120.11	Tag/Verify			
Yates @ 2155	2083.45	2205.00	121.55	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	36.00	C	Spot cement from 2300' to 1940'. WOC and Tag.
Queen @ 3090	3009.10	3140.00	130.90	If solid			
5.5 inch- Shoe Plug	3523.90	3660.00	136.10	Tag/Verify			
CIBP Plug	3505.00	3540.00	35.00	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	53.00	C	Run GR and tag PBTD at 3610'. Set CIBP at 3540'. Leak test CIBP. Spot cement from 3540' to 3009'. WOC and Tag.
San Andres @ 3836	3747.64	3886.00	138.36	If solid			
Perforations Plug (If No CIBP)	3890.00	4181.00	291.00	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<sup>3</sup>/sx

Class H: 1.06 ft<sup>3</sup>/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:

Wild Life

8.625 inch- Shoe Plug @

5.5 inch- Shoe Plug @

Low

Within Lesser Prairie Chicken Area

868.00

3610.00

TOC @ 1900.00

Perforatons Top @

3940.00

Perforations 4131.00

CIBP @ 3540.00

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 480324

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 480324
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	7/24/2025
gcordero	Submit Cement Bond Logs (CBL) prior to submittal of C-103P.	7/24/2025