

Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 26 / SWNW / 32.8076447 / -103.7438351	County or Parish/State: LEA / NM
Well Number: 322	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC058698A	Unit or CA Name: MCA UNIT	Unit or CA Number: NMNM70987A
US Well Number: 300252421800S1	Operator: MAVERICK PERMIAN LLC	

Notice of Intent

Sundry ID: 2805504

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 08/07/2024	Time Sundry Submitted: 10:02
Date proposed operation will begin: 08/07/2024	

Procedure Description: Maverick Permian LLC is requesting approval of the attached P&A plan. There is a scab liner from 847'-2500' and quite a large fish at 3,315.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

MCA\_322\_PA\_Procedure\_20240807100218.pdf

Received by OCD: 8/27/2024 2:26:01 PM

Page 2 of 23

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Conditions of Approval

Specialist Review

MCA\_Unit\_322\_Sundry\_ID\_2805504\_P\_A\_20240827073711.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: AUG 07, 2024 10:02 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:

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: 08/27/2024

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

**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.**

5. Lease Serial No.	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
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 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

THE SPACE FOR FEDERAL OR STATE OFFICE USE

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: SWNW / 1880 FNL / 560 FWL / TWSP: 17S / RANGE: 32E / SECTION: 26 / LAT: 32.8076447 / LONG: -103.7438351 ( TVD: 0 feet, MD: 0 feet )

BHL: SWNW / 1880 FNL / 560 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 322**  
**P&A Procedure**

**Notes:**

**Procedure:**

1. RIH to fish @ 3315' and CBL out of well
2. Set CIBP @ 2,475' and bail 25' of cement
3. Spot 35' of cement via bailer runs. Wait 4 hrs and tag. Run CBL.
4. Perf 4-1/2" liner @ 970'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. WOC, Tag & Record. Isolates Ruster formation
5. 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
6. Cut wellhead and install dry hole marker

State: New Mexico  
County: Lea  
Field:  
Spud Date: 8/14/1972  
KB: 12

Maverick Resources  
Well: MCA 322  
API# 30-025-24218

Proposed P&A WBD  
8.6.24

MD

847'

Surface Casing: 8-5/8" 20# . Cmt to surface

933'

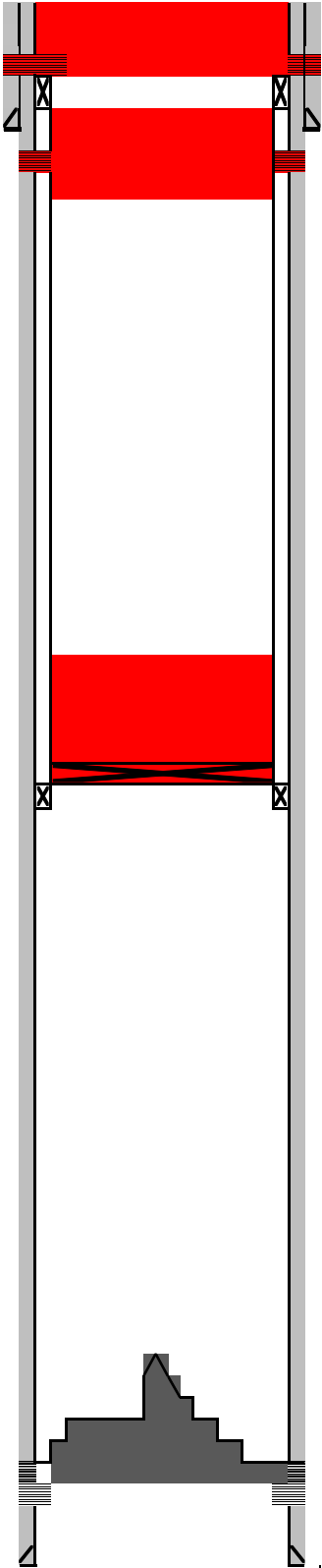
Scab Liner 0 4.5" 11.6# K-55 from 847' to 2500'

GEOLOGIC MARKERS		
NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	3272	
Grayburg	3660	
San Andres	4038	
Lodington	4182	

2500'

Production Csg: 5-1/2" 14# J-55.

4250'



TD: 4250' MD

MD  
Surface

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

720'  
970'

Rustler Plug: Perf 4-1/2" liner @ 970'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. WOC, Tag & Record. (Isolates Rustler formation)

2445'

Spot 35' of cement @2445' via bailer runs. Wait 4 hrs and tag.

2475'

Set CIBP @ 2,475' and bail 25' of cement

3315'

RIH to fish and CBL out

Fish in well @ 3,315'. Multiple attempts to remove unsuccessful

3964'  
4091'

Perfs f/ 3,964' - 4091'

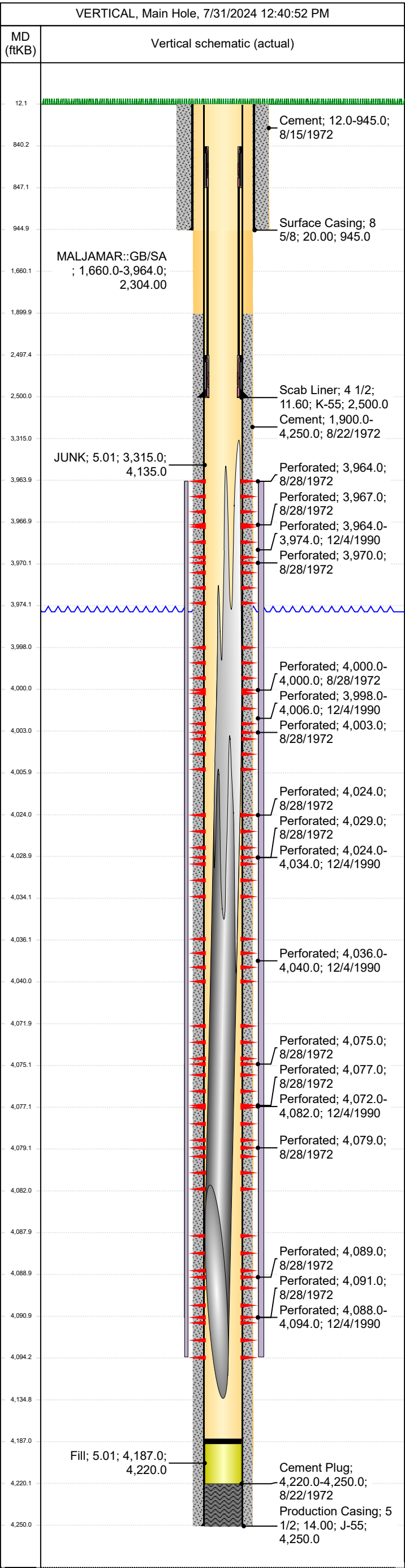




MCA 322  
Wellbore Diagram

Well Header					
API # 3002524218		State NEW MEXICO		County LEA	
District PERMIAN		Business Unit MAVERICK PERMIAN		Region RG_SE_NEW_MEXICO	
		Area A_MCA		Total Depth (ftKB) 4,250.0	

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		12 1/4		12.0		945.0		8/14/1972		8/15/1972			
PROD1		7 7/8		945.0		4,250.0		8/16/1972		8/21/1972			
Casing Strings													
Casing String: Surface Casing 8 5/8" Set Depth: 945.0													
Casing Description Surface Casing		Run Date 8/15/1972 08:00		OD (in) 8 5/8	OD Nom M... 8 5/8	ID (in) 8.10	ID Nom Mi... 8.097	Wt/Len (lb/ft) 20.00		String Grade	Length (ft) 933.00	Top (ftKB) 12.0	Set Depth...
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	8.097	20.00		933.00	30	12.0	945.0				
Casing String: Scab Liner 4 1/2" Set Depth: 2,500.0													
Casing Description Scab Liner		Run Date 6/9/1997 00:00		OD (in) 4 1/2	OD Nom M... 5	ID (in) 4.00	ID Nom Mi... 3 7/8	Wt/Len (lb/ft) 11.60	String Grade K-55	Length (ft) 1,659.70	Top (ftKB) 840.3	Set Depth...	
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)		
Baker Hyflow III Liner Hanger Packer	0	5	4			6.85	1	840.3	847.2				
Casing Joints	0	4 1/2	4	11.60	K-55	1,650.22	41	847.2	2,497.4				
Baker Hyflow Pin Packer	0	5	3.875			2.63	1	2,497.4	2,500.0				
Casing String: Production Casing 5 1/2" Set Depth: 4,250.0													
Casing Description Production Casing		Run Date 8/22/1972 00:00		OD (in) 5 1/2	OD Nom M... 5 1/2	ID (in) 5.01	ID Nom Mi... 5.012	Wt/Len (lb/ft) 14.00	String Grade J-55	Length (ft) 4,238.00	Top (ftKB) 12.0	Set Depth...	
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	5 1/2	5.012	14.00	J-55	4,238.00	101	12.0	4,250.0				
Cement													
Surface Casing Cement													
Cementing Start Date 8/15/1972 12:00				Cementing End Date 8/15/1972 00:00				String Surface Casing, 945.0ftKB					
Stg #	Pump Start Date			Pump End Date			Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)
1	8/15/1972			8/15/1972			12.0		945.0				
Cement Plug													
Cementing Start Date 8/22/1972 08:00				Cementing End Date 8/22/1972 00:00				String Production Casing, 4,250.0ftKB					
Stg #	Pump Start Date			Pump End Date			Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)
1	8/22/1972			8/22/1972			4,220.0		4,250.0				
Production Casing Cement													
Cementing Start Date 8/22/1972 08:00				Cementing End Date 8/22/1972 00:00				String Production Casing, 4,250.0ftKB					
Stg #	Pump Start Date			Pump End Date			Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)
1	8/22/1972			8/22/1972			1,900.0		4,250.0				
Tubing Strings													
Set Depth: 4,135.0													
Run Job REPAIR, 9/20/2022 09:00		String			String Ma... 2 3/8	OD Nom... 2 3/8	ID (in) 2.00	ID Nom M... 1.995	Wt (lb/ft) 4.70	String Grade J-55	Top (ftKB) 3,315.7	Set Depth... 819.25	Len (ft) 819.25
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)	
Tubing		756.00	2 3/8	2.00	4.70	J-55	0		3,315.7	4,071.7			
Tubing IPC jt		31.15	2 3/8	2.00	4.70	J-55	0		4,071.7	4,102.9			
Pump Seating Nipple		1.10	2 3/8	2.00		SN	0		4,102.9	4,104.0			
TUBING		31.00	2 3/8	2.00	4.60	C-75	0		4,104.0	4,135.0			
Rod Strings													
Set Depth: 3,315.0													
Rod Description ROD		Set De... 3,315.0	Run Date 9/20/2022	Run Job		OD (in)	Wt (lb/ft)	String Gr...	Top (ft...)	Set De...	Set De...	String Components	
Length (ft)		OD Nominal (in)		Quantity	ID (in)	Weight/Length (lb/ft)		Grade		Top Depth (ftKB)		Bottom Depth (ftKB)	
Perforations													
Date		Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)		Shot Dens (shots/ft)		Calculated Shot Total	Btm - Top (ft)
8/28/1972 02:00		3964		3964								1	0
12/4/1990 00:00		3964		3974						1.0		11	10
8/28/1972 02:00		3967		3967								1	0
8/28/1972 02:00		3970		3970								1	0
12/4/1990 00:00		3998		4006						1.0		9	8
8/28/1972 02:00		4000		4000								1	0
8/28/1972 02:00		4003		4003								1	0
8/28/1972 02:00		4024		4024								1	0
12/4/1990 00:00		4024		4034						1.0		11	10
8/28/1972 02:00		4029		4029								1	0
12/4/1990 00:00		4036		4040						1.0		5	4
12/4/1990 00:00		4072		4082						1.0		11	10
8/28/1972 02:00		4075		4075								1	0
8/28/1972 02:00		4077		4077								1	0
8/28/1972 02:00		4079		4079								1	0
12/4/1990 00:00		4088		4094						1.0		7	6
8/28/1972 02:00		4089		4089								1	0
8/28/1972 02:00		4091		4091								1	0
Deviation Surveys													
Date				Description Main Hole					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)	







U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

## Sundry Print Report

08/26/2024

Well Name: MCA UNIT

Well Location: T17S / R32E / SEC 26 /  
SWNW / 32.8076447 / -103.7438351County or Parish/State: LEA /  
NM

Well Number: 322

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC058698A

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NMNM70987A

US Well Number: 300252421800S1

Operator: MAVERICK PERMIAN LLC

## Notice of Intent

Sundry ID: 2805504

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/07/2024

Time Sundry Submitted: 10:02

Date proposed operation will begin: 08/07/2024

Procedure Description: Maverick Permian LLC is requesting approval of the attached P&A plan. There is a scab liner from 847'-2500' and quite a large fish at 3,315.

## Surface Disturbance

Is any additional surface disturbance proposed?: No

## NOI Attachments

## Procedure Description

MCA\_322\_PA\_Procedure\_20240807100218.pdf

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

<b>Well Name:</b> MCA UNIT	<b>Well Location:</b> T17S / R32E / SEC 26 / SWNW / 32.8076447 / -103.7438351	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 322	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMLC058698A	<b>Unit or CA Name:</b> MCA UNIT	<b>Unit or CA Number:</b> NMNM70987A
<b>US Well Number:</b> 300252421800S1	<b>Operator:</b> MAVERICK PERMIAN LLC	

**Operator**

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**Operator Electronic Signature:** NICOLE LEE**Signed on:** AUG 07, 2024 10:02 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:**

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.**5. Lease Serial No. **NMLC058698A**

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**MAVERICK PERMIAN LLC**3a. Address **1000 MAIN STREET SUITE 2900, HOUSTON, TX**3b. Phone No. (include area code)  
**(713) 437-8043**

7. If Unit of CA/Agreement, Name and/or No.

**MCA UNIT/NMNM70987A**

8. Well Name and No.

**MCA UNIT/322**

9. API Well No.

**3002524218**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEC 26/T17S/R32E/NMP**

10. Field and Pool or Exploratory Area

**MALJAMAR/MALJAMAR**

11. Country or Parish, State

**LEA/NM****12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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There is a scab liner from 847-2500 and quite a large fish at 3,315.

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

**NICOLE LEE / Ph: (713) 437-8097**

Regulatory Lead

Title

Signature (Electronic Submission)

Date

**08/07/2024****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**Long Va**

Title

**Petroleum Engineer**

Date

**8/26/2024**

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

**CFO**

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(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: SWNW / 1880 FNL / 560 FWL / TWSP: 17S / RANGE: 32E / SECTION: 26 / LAT: 32.8076447 / LONG: -103.7438351 ( TVD: 0 feet, MD: 0 feet )

BHL: SWNW / 1880 FNL / 560 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 322  
P&A Procedure

Notes:

Procedure:

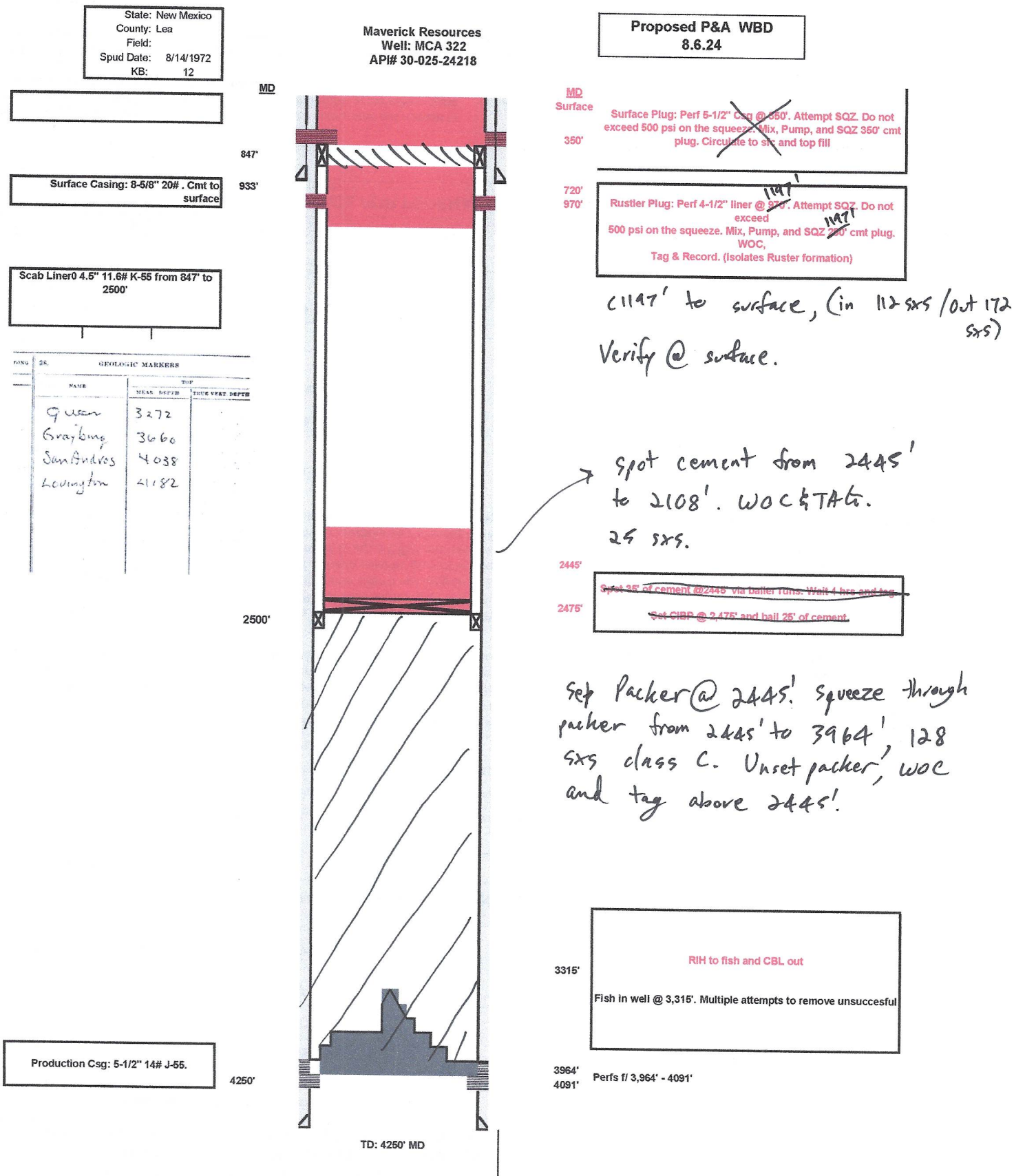
1. RIH to fish @ 3315' and CBL out of well
2. ~~Set CIBP @ 2,475' and bail 25' of cement~~
3. ~~Spot 35' of cement via bailer runs. Wait 4 hrs and tag. Run CBL.~~
4. Perf 4-1/2" liner @ ~~970'~~ 1191'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. WOC, Tag & Record. Isolates Ruston formation (1197' to surface) (In 112 sxs / Out 172 sxs)
5. 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.
6. Cut wellhead and install dry hole marker

Set Packer @ 2445'. Sqz through packer from 2445' to 3964', 128 sxs class C. Unset packer, WOC & TAG above 2445'.

Spot cement from 2445' to 2108'. WOC & TAG. 25 sxs.

\* Run CBL from 3315' to surface.





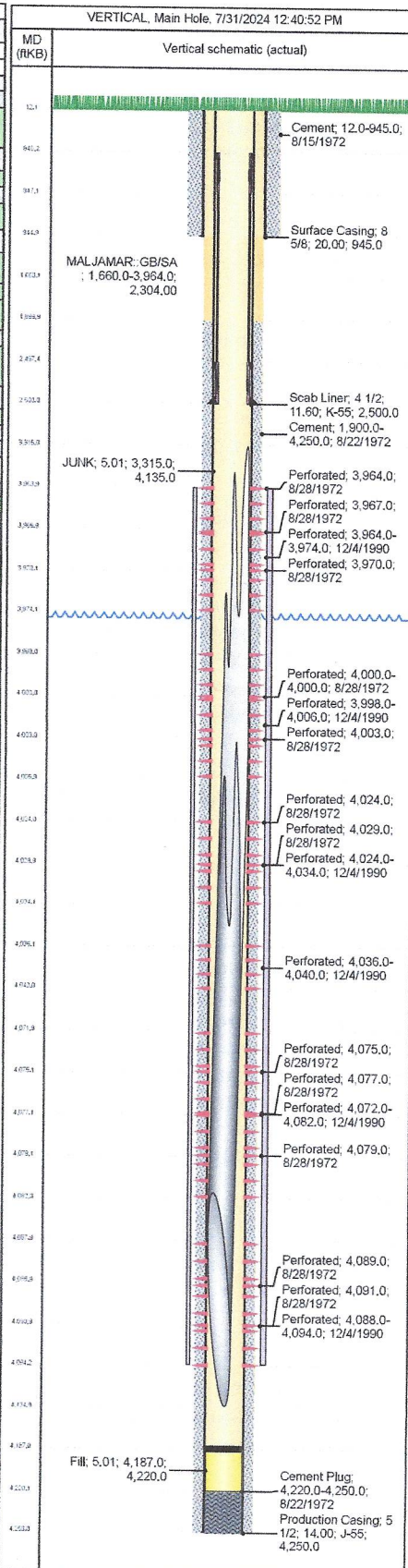




# MCA 322 Wellbore Diagram

Well Header						
API #	3002524218	State	NEW MEXICO	County	LEA	District
Division	PERMIAN	Business Unit	MAVERICK PERMIAN	Region	RG_SE_NEW_MEXICO	Area
					A_MCA	Total Depth (ftKB)
						4,250.0

Wellbore Sections													
Section Des		Szta (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)	Start Date		End Date				
SURFAC		12 1/4	12.0		945.0		8/14/1972		8/15/1972				
PROD1		7 7/8	945.0		4,250.0		8/16/1972		8/21/1972				
Casing Strings													
Casing String: Surface Casing 8 5/8" Set Depth: 945.0													
Casing Description		Run Date	OD (in)	ID (in)	OD Nom M.L.	ID Nom M.L.	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth		
Surface Casing		8/15/1972 08:00	8 5/8	8.097	8 5/8	8.10	20.00		933.00	12.0			
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	8.097	20.00		933.00	30	12.0	945.0			
Casing String: Scab Liner 4 1/2" Set Depth: 2,500.0													
Casing Description		Run Date	OD (in)	ID (in)	OD Nom M.L.	ID Nom M.L.	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth		
Scab Liner		6/9/1997 00:00	4 1/2	5	4.00	3 7/8	11.60	K-55	1,659.70	840.3			
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)	
Baker Hyflow III Liner Hanger Packer		0	5	4			6.85	1	840.3	847.2			
Casing Joints		0	4 1/2	4	11.60	K-55	1,650.22	41	847.2	2,497.4			
Baker Hyflow Pin Packer		0	5	3.875			2.63	1	2,497.4	2,500.0			
Casing String: Production Casing 5 1/2" Set Depth: 4,250.0													
Casing Description		Run Date	OD (in)	ID (in)	OD Nom M.L.	ID Nom M.L.	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth		
Production Casing		8/22/1972 00:00	5 1/2	5 1/2	5.01	5.012	14.00	J-55	4,238.00	12.0			
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	5 1/2	5.012	14.00	J-55	4,238.00	101	12.0	4,250.0			
Cement													
Surface Casing Cement													
Cementing Start Date		Cementing End Date				String							
8/15/1972 12:00		8/15/1972 00:00				Surface Casing, 945.0ftKB							
Slg #		Pump Start Date		Pump End Date		Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)	
1		8/15/1972		8/15/1972		12.0		945.0					
Cement Plug													
Cementing Start Date		Cementing End Date				String							
8/22/1972 08:00		8/22/1972 00:00				Production Casing, 4,250.0ftKB							
Slg #		Pump Start Date		Pump End Date		Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)	
1		8/22/1972		8/22/1972		4,220.0		4,250.0					
Production Casing Cement													
Cementing Start Date		Cementing End Date				String							
8/22/1972 08:00		8/22/1972 00:00				Production Casing, 4,250.0ftKB							
Slg #		Pump Start Date		Pump End Date		Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)	
1		8/22/1972		8/22/1972		1,900.0		4,250.0					
Tubing Strings													
Set Depth: 4,135.0													
Run Job		String		String Me...		OD Nom...	ID (in)	ID Nom M.L.	Wt (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Len (ft)
REPAIR, 9/20/2022 09:00				2 3/8		2 3/8	2.00	1.995	4.70	J-55	3,315.7	819.25	819.25
Item Des		Len (ft)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Tally Its Run	Tally Len (ft)	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)	
Tubing		756.00	2 3/8	2.00	4.70	J-55	0		3,315.7	4,071.7			
Tubing IPC jt		31.15	2 3/8	2.00	4.70	J-55	0		4,071.7	4,102.9			
Pump Seating Nipple		1.10	2 3/8	2.00	SN		0		4,102.9	4,104.0			
TUBING		31.00	2 3/8	2.00	4.60	C-75	0		4,104.0	4,135.0			
Rod Strings													
Set Depth: 3,315.0													
Rod Description		Set De...	Run Date	Run Job		OD (in)	Wt (lb/ft)	String Gr...	Top (ft...	Set De...	Set De...	String Components	
ROD		3,315, 0	9/20/2022										
Length (ft)		OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)		Bottom Depth (ftKB)				
Perforations													
Date		Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)		Btm (TVD) (ftKB)		Shot Dens (shots/ft)		Calculated Shot Total	Btm - Top (ft)		
8/28/1972 02:00		3964	3964							1	0		
12/4/1990 00:00		3964	3974					1.0		11	10		
8/28/1972 02:00		3967	3967							1	0		
8/28/1972 02:00		3970	3970							1	0		
12/4/1990 00:00		3998	4006					1.0		9	8		
8/28/1972 02:00		4000	4000							1	0		
8/28/1972 02:00		4003	4003							1	0		
8/28/1972 02:00		4024	4024							1	0		
12/4/1990 00:00		4024	4034					1.0		11	10		
8/28/1972 02:00		4029	4029							1	0		
12/4/1990 00:00		4036	4040					1.0		5	4		
12/4/1990 00:00		4072	4082					1.0		11	10		
8/28/1972 02:00		4075	4075							1	0		
8/28/1972 02:00		4077	4077							1	0		
8/28/1972 02:00		4079	4079							1	0		
12/4/1990 00:00		4088	4094					1.0		7	6		
8/28/1972 02:00		4089	4089							1	0		
8/28/1972 02:00		4091	4091							1	0		
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)	Unsurp Displace (ft)	



**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 **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.**

2. **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; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.

3. **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.

4. **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 **fresh** water. Minimum nine (9) pounds per gallon.

5. **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.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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 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.

7. 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.**

8. 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



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.

1. 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

Sundry ID 2805504

Plug Type	Top	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify			
5.5 inch- Shoe Plug	781.60	890.00	108.40	Tag/Verify			
8.625 inch- Shoe Plug	885.55	995.00	109.45	Tag/Verify			
5.5 inch- Shoe Plug	885.55	995.00	109.45	Tag/Verify			
Fresh Water @ 1060	999.40	1110.00	110.60	If solid			
Top of Salt @ 1147	1085.53	1197.00	111.47	Tag/Verify	284.00	C	Perf and squeeze from 1197' to surface. (In 112 sxs/Out 172 sxs) Verify at surface.
Base of Salt @ 2180	2108.20	2230.00	121.80	Tag/Verify	25.00	C	Spot cement from 2445' to 2108'. WOC and Tag.
Yates @ 2320	2246.80	2370.00	123.20	If solid			
5.5 inch- Shoe Plug	2425.00	2550.00	125.00	Tag/Verify			
Queen @ 3272	3189.28	3322.00	132.72	If solid			
Top of Fish @ 3315	3231.85	3365.00	133.15	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	128.00	C	Set Packer at 2445'. Squeeze through packer from 2445' to 3964'. Unset packer, WOC and Tag.
Grayburg @ 3660	3573.40	3710.00	136.60	If solid			
Perforations Plug (If No CIBP)	3914.00	4141.00	227.00	Tag/Verify			
San Andres @ 4039	3948.61	4089.00	140.39	If solid			
5.5 inch- Shoe Plug	4157.50	4300.00	142.50	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.

<u>Cave Karst/Potash Cement Requirement:</u>	<u>Low</u>		
8.625 inch- Shoe Plug @	945.00		
5.5 inch- Shoe Plug @	840.00		
5.5 inch- Shoe Plug @	945.00		
5.5 inch- Shoe Plug @	2500.00		
5.5 inch- Shoe Plug @	4250.00	TOC @	1963.00
Perforatons Top @	3964.00	Perforations	4091.00



**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  
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1000 Rio Brazos Rd., Aztec, NM 87410  
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 378451

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 378451
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	CBL must be submitted to OCD via OCD Permitting prior to submitting C-103P	8/29/2024