

Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 33 / SWNE / 32.7946504 / -103.7713302	County or Parish/State: LEA / NM
Well Number: 231	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC059001	Unit or CA Name: MCA UNIT	Unit or CA Number: NMNM70987A
US Well Number: 300250080300S1	Operator: MAVERICK PERMIAN LLC	

Notice of Intent

Sundry ID: 2802989

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 07/24/2024	Time Sundry Submitted: 02:12
Date proposed operation will begin: 07/24/2024	

**Procedure Description:** Maverick Permian is requesting approval of the attached P&A Plan. This well was planned for a TA under sundry ID 2799977, this well is no longer TA and we plan to P&A. Please note single attachment includes current, proposed WBD, and work plan in single attachment.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

MCA\_231\_PA\_Procedure\_20240827141118.pdf

Received by OCD: 9/18/2024 6:16:30 AM

Page 2 of 32

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US Well Number: 300250080300S1	Operator: MAVERICK PERMIAN LLC	

Conditions of Approval

Specialist Review

MCA\_Unit\_231\_Sundry\_ID\_2802989\_P\_A\_20240917134126.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: AUSTIN TRAMELL	Signed on: AUG 27, 2024 02:12 PM
Name: MAVERICK PERMIAN LLC	
Title: Director ESG	
Street Address: 1000 MAIN STREET SUITE 2900	
City: HOUSTON	State: TX
Phone: (713) 437-8043	
Email address: AUSTIN.TRAMELL@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: 09/17/2024
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
<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</b> - Other instructions on page 2		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"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Subsequent Report	<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"/> Final Abandonment Notice	<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: SWNE / 1345 FNL / 2615 FEL / TWSP: 17S / RANGE: 32E / SECTION: 33 / LAT: 32.7946504 / LONG: -103.7713302 ( TVD: 0 feet, MD: 0 feet )

BHL: SWNE / 1345 FNL / 2615 FEL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )



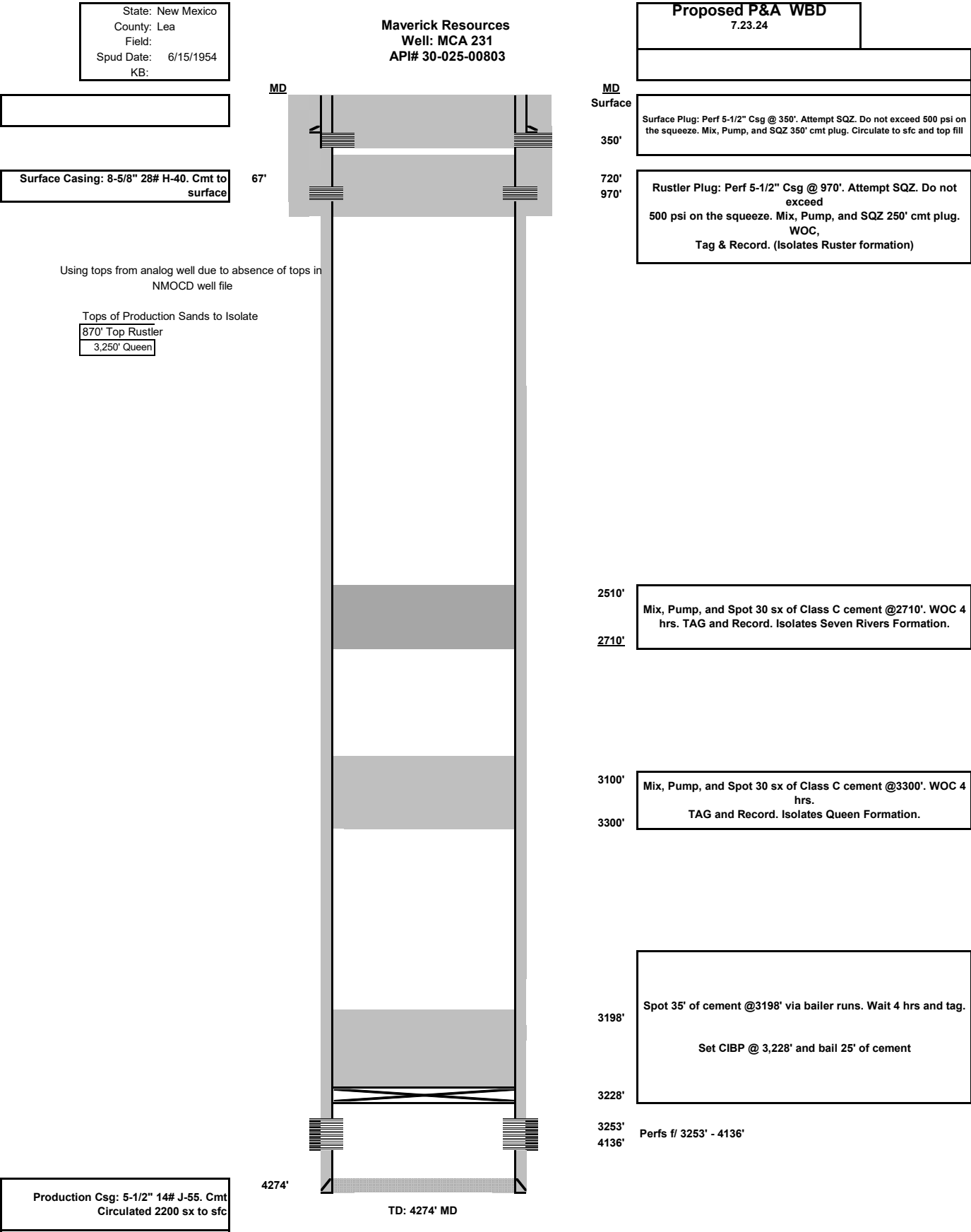
1111 Bagby Street • Suite 1600  
Houston • Texas • 77002  
713-437-8000

**MCA 231  
P&A Procedure**

**Notes:**

**Procedure:**

1. Set CIBP @ 3,228' and bail 25' of cement
2. Spot 35' of cement via bailer runs. Wait 4 hrs and tag. Run CBL.
3. Mix, Pump, and Spot 30 sx of Class C cement @ 3,300'. WOC 4 hrs. TAG and Record. Isolates Queen Formation.
4. Mix, Pump, and Spot 30 sx of Class C cement @ 2,710'. WOC 4 hrs. TAG and Record. Isolates 7 Rivers Formation.
5. Perf 5-1/2" Csg @ 970'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. WOC, Tag & Record. Isolates Ruster formation
6. 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
7. Cut wellhead and install dry hole marker



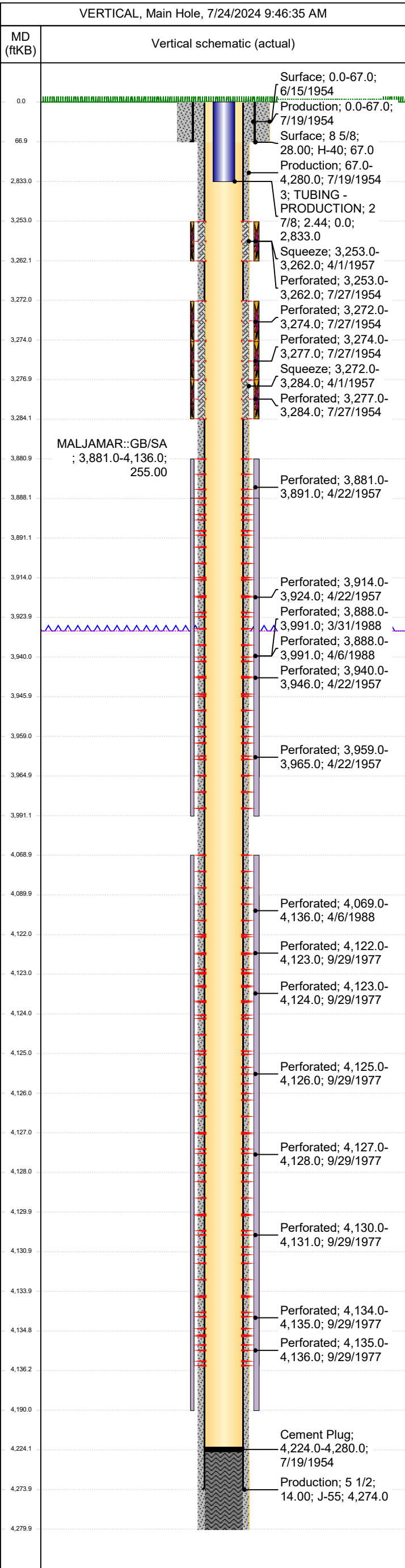




MCA 231  
Wellbore Diagram

Well Header					
API # 3002500803		State NEW MEXICO		County LEA	
District PERMIAN CONVENTIONAL		Region RG_SE_NEW_MEXICO		Area A_MCA	
Division PERMIAN		Business Unit MAVERICK PERMIAN		Total Depth (ftKB) 4,280.0	

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		0.0				67.0				6/15/1954		6/15/1954											
Production		6 3/4		67.0				4,280.0				6/15/1954		7/18/1954											
Casing Strings																									
Casing String: Surface 8 5/8" Set Depth: 67.0																									
Casing Description Surface		Run Date 6/15/1954 00:00		OD (in) 8 5/8		OD Nom M... 8 5/8		ID (in) 8.02		ID Nom Mi... 8.017		Wt/Len (lb/ft) 28.00		String Grade H-40		Length (ft) 67.00		Top (ftKB) 0.0		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)			
Surface		0		8 5/8		8.017		28.00		H-40		67.00				0.0		67.0							
Casing String: Production 5 1/2" Set Depth: 4,274.0																									
Casing Description Production		Run Date 7/19/1954 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) 4,274.00		Top (ftKB) 0.0		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)			
Production		0		5 1/2		5.012		14.00		J-55		4,274.00				0.0		4,274.0							
Cement																									
Surface																									
Cementing Start Date 6/15/1954 00:00				Cementing End Date 6/15/1954 00:00				String Surface, 67.0ftKB																	
Stg #		Pump Start Date				Pump End Date				Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)									
1		6/15/1954				6/15/1954				0.0		67.0													
Production																									
Cementing Start Date 7/19/1954 00:00				Cementing End Date 7/19/1954 00:00				String Production, 4,274.0ftKB																	
Stg #		Pump Start Date				Pump End Date				Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)									
1		7/19/1954				7/19/1954				0.0		67.0													
2		7/19/1954				7/19/1954				67.0		4,280.0													
Cement Plug																									
Cementing Start Date 7/19/1954 00:00				Cementing End Date 7/19/1954 00:00				String																	
Stg #		Pump Start Date				Pump End Date				Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)									
1		7/19/1954				7/19/1954				4,224.0		4,280.0													
Squeeze																									
Cementing Start Date 4/1/1957 00:00				Cementing End Date 4/1/1957 00:00				String																	
Stg #		Pump Start Date				Pump End Date				Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)									
1		4/8/1957				4/8/1957				3,253.0		3,262.0													
2		4/8/1957				4/8/1957				3,272.0		3,284.0													
Tubing Strings																									
Set Depth: 2,833.0																									
Run Job		String				String Ma... 2 7/8		OD Nom... 2 7/8		ID (in) 2.44		ID Nom M... 2.44		Wt (lb/ft) 6.40		String Grade J-55		Top (ftKB) 0.0		Set Depth... 2,833.0 0		Len (ft) 2,833.0 0			
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		2,833.0 0		2 7/8		2.44		6.40		J-55		0				0.0		2,833.0							
Rod Strings																									
Set Depth: 4,163.0																									
Rod Description Rod		Set De... 4,163.0		Run Date 4/12/2007		Run Job REPAIR DOWNHOLE FAILURE, 4/5/2007 00:00		OD (in) 3/4		Wt (lb/ft)		String Gr... C		Top (ft... -9.0		Set De... 		Set De... 		String Components Gas Anchor/Dip Tube, Rod Insert Pump, Guided Pump Handling Sub, Sinker Bar, Guided Rod Sub, Sinker Bar, Guided rods, Sucker Rod, Sucker Rod, Polished Rod					
Length (ft) 26.00		OD Nominal (in) 1 1/2		Quantity 1		ID (in)		Weight/Length (lb/ft)		Grade		Top Depth (ftKB) -9.0		Bottom Depth (ftKB) 17.0											
Length (ft) 1,950.00		OD Nominal (in) 7/8		Quantity 78		ID (in)		Weight/Length (lb/ft)		Grade C		Top Depth (ftKB) 17.0		Bottom Depth (ftKB) 1,967.0											
Length (ft) 2,075.00		OD Nominal (in) 3/4		Quantity 83		ID (in)		Weight/Length (lb/ft)		Grade C		Top Depth (ftKB) 1,967.0		Bottom Depth (ftKB) 4,042.0											
Length (ft) 50.00		OD Nominal (in) 3/4		Quantity 2		ID (in)		Weight/Length (lb/ft)		Grade KD		Top Depth (ftKB) 4,042.0		Bottom Depth (ftKB) 4,092.0											
Length (ft) 25.00		OD Nominal (in) 1 1/2		Quantity 1		ID (in)		Weight/Length (lb/ft)		Grade K		Top Depth (ftKB) 4,092.0		Bottom Depth (ftKB) 4,117.0											
Length (ft) 2.00		OD Nominal (in) 3/4		Quantity 1		ID (in)		Weight/Length (lb/ft)		Grade D Spec KD		Top Depth (ftKB) 4,117.0		Bottom Depth (ftKB) 4,119.0											
Length (ft) 25.00		OD Nominal (in) 1 1/2		Quantity 1		ID (in)		Weight/Length (lb/ft)		Grade K		Top Depth (ftKB) 4,119.0		Bottom Depth (ftKB) 4,144.0											
Length (ft) 2.00		OD Nominal (in) 3/4		Quantity 1		ID (in)		Weight/Length (lb/ft)		Grade D Spec KD		Top Depth (ftKB) 4,144.0		Bottom Depth (ftKB) 4,146.0											
Length (ft) 16.00		OD Nominal (in) 1 1/4		Quantity 1		ID (in)		Weight/Length (lb/ft)		Grade		Top Depth (ftKB) 4,146.0		Bottom Depth (ftKB) 4,162.0											
Length (ft) 1.00		OD Nominal (in) 1 1/4		Quantity 1		ID (in)		Weight/Length (lb/ft)		Grade		Top Depth (ftKB) 4,162.0		Bottom Depth (ftKB) 4,163.0											
Perforations																									
Date		Top (ftKB)		Btm (ftKB)		Top (TVD) (ftKB)		Btm (TVD) (ftKB)		Shot Dens (shots/ft)		Calculated Shot Total		Btm - Top (ft)											
7/27/1954 00:00		3253		3262						4.0		37		9											
7/27/1954 00:00		3272		3274						6.0		13		2											
7/27/1954 00:00		3274		3277						2.0		7		3											
7/27/1954 00:00		3277		3284						6.0		43		7											
4/22/1957 00:00		3881		3891						6.0		61		10											
3/31/1988 00:00		3888		3991						2.0		207		103											
4/6/1988 00:00		3888		3991						1.0		104		103											
4/22/1957 00:00		3914		3924						6.0		61		10											
4/22/1957 00:00		3940		3946						6.0		37		6											
4/22/1957 00:00		3959		3965						6.0		37		6											
4/6/1988 00:00		4069		4136						1.0		68		67											
9/29/1977 00:00		4122		4123						2.0		3		1											
9/29/1977 00:00		4123		4124						2.0		3		1											
9/29/1977 00:00		4125		4126						2.0		3		1											
9/29/1977 00:00		4127		4128						2.0		3		1											
9/29/1977 00:00		4130		4131						2.0		3		1											
9/29/1977 00:00		4134		4135						2.0		3		1											
9/29/1977 00:00		4135		4136						2.0		3		1											
Deviation Surveys																									
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)	







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

**Sundry Print Report**

09/16/2024

Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 33 / SWNE / 32.7946504 / -103.7713302	County or Parish/State: LEA / NM
Well Number: 231	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC059001	Unit or CA Name: MCA UNIT	Unit or CA Number: NMNM70987A
US Well Number: 300250080300S1	Operator: MAVERICK PERMIAN LLC	

**Notice of Intent**

Sundry ID: 2802989

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/24/2024

Time Sundry Submitted: 02:12

Date proposed operation will begin: 07/24/2024

**Procedure Description:** Maverick Permian is requesting approval of the attached P&A Plan. This well was planned for a TA under sundry ID 2799977, this well is no longer TA and we plan to P&A. Please note single attachment includes current, proposed WBD, and work plan in single attachment.

**Surface Disturbance**

Is any additional surface disturbance proposed?: No

**NOI Attachments****Procedure Description**

MCA\_231\_PA\_Procedure\_20240827141118.pdf

**APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED**

<b>Well Name:</b> MCA UNIT	<b>Well Location:</b> T17S / R32E / SEC 33 / SWNE / 32.7946504 / -103.7713302	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 231	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMLC059001	<b>Unit or CA Name:</b> MCA UNIT	<b>Unit or CA Number:</b> NMNM70987A
<b>US Well Number:</b> 300250080300S1	<b>Operator:</b> 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:** AUSTIN TRAMELL**Signed on:** AUG 27, 2024 02:12 PM**Name:** MAVERICK PERMIAN LLC**Title:** Director ESG**Street Address:** 1000 MAIN STREET SUITE 2900**City:** HOUSTON**State:** TX**Phone:** (713) 437-8043**Email address:** AUSTIN.TRAMELL@MAVRESOURCES.COM**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Email address:**

Low Carey Chicken

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit of CA/Agreement, Name and/or No. MCA UNIT/NMNM70987A
2. Name of Operator MAVERICK PERMIAN LLC	8. Well Name and No. MCA UNIT/231
3a. Address 1000 MAIN STREET SUITE 2900, HOUSTON, TX	9. API Well No. 3002500803
3b. Phone No. (include area code) (713) 437-8043	10. Field and Pool or Exploratory Area MALJAMAR/MALJAMAR
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC 33/T17S/R32E/NMP	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	
	<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 determined that the site is ready for final inspection.)

Maverick Permian is requesting approval of the attached P&A Plan. This well was planned for a TA under sundry ID 2799977, this well is no longer TA and we plan to P&A.

Please note single attachment includes current, proposed WBD, and work plan in single attachment.

14. I hereby certify that the foregoing is true and correct. Name (Printed Typed) AUSTIN TRAMELL / Ph: (713) 437-8043	Title Director ESG
Signature (Electronic Submission)	Date 08/27/2024

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by Long Vo	Title Petroleum Engineer	Date 9/16/2024
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	

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: SWNE / 1345 FNL / 2615 FEL / TWSP: 17S / RANGE: 32E / SECTION: 33 / LAT: 32.7946504 / LONG: -103.7713302 ( TVD: 0 feet, MD: 0 feet )

BHL: SWNE / 1345 FNL / 2615 FEL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )



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

**MCA 231**  
**P&A Procedure**

**Notes:**

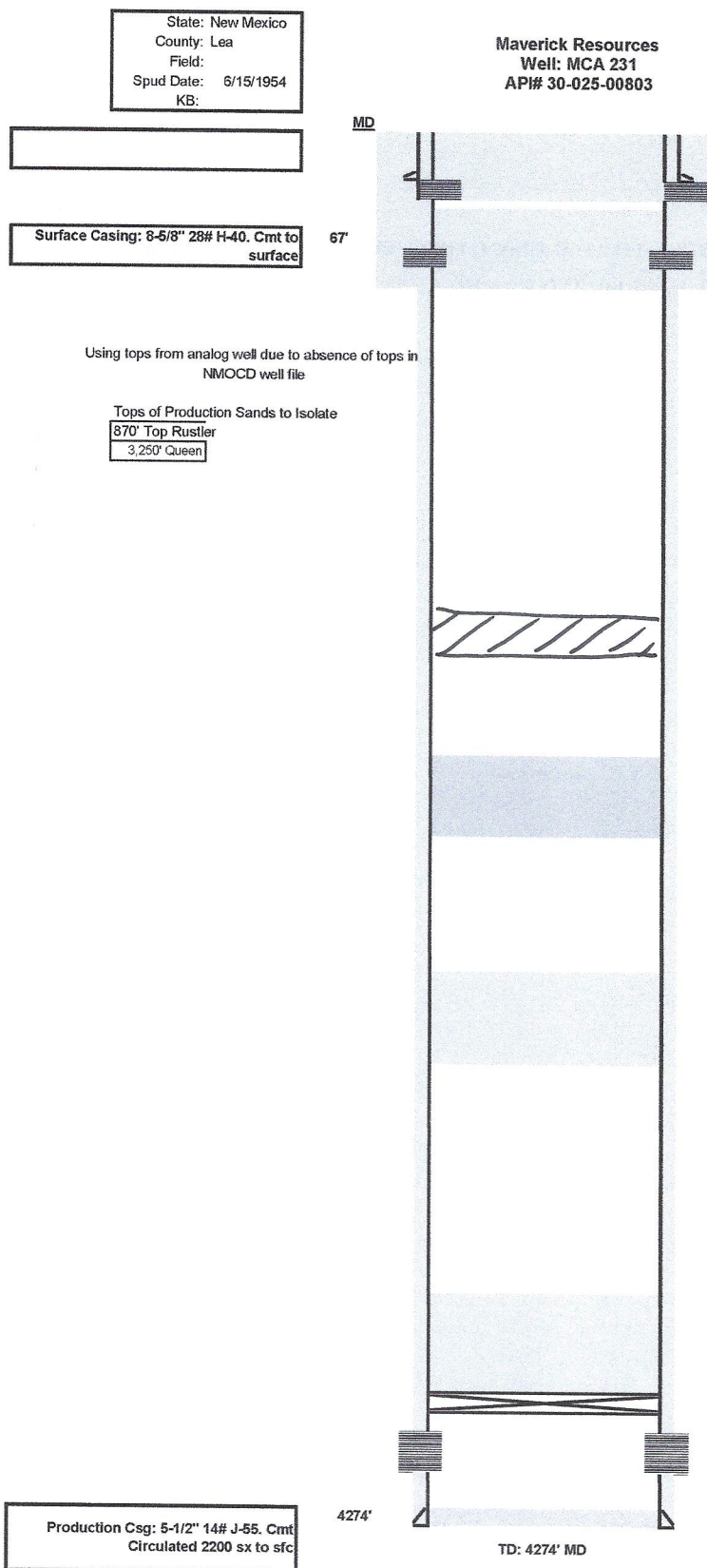
**Procedure:**

- 4019'*  
*Spot 33 sxs class C on top. Leak test CIBP.*
1. Set CIBP @ 3,228' and bail 25' of cement
  2. ~~Spot 35' of cement via bailer runs.~~ Wait 4 hrs and tag. Run CBL.
  3. Mix, Pump, and Spot 30 sx of Class C cement @ 3,300'. WOC 4 hrs. TAG and Record. Isolates Queen Formation.
  4. Mix, Pump, and Spot 30 sx of Class C cement @ 2,710'. WOC 4 hrs. TAG and Record. ~~Isolates 7 Rivers Formation.~~
  5. Perf 5-1/2" Csg @ 970'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. WOC, Tag & Record. Isolates Ruster formation
  6. 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
  7. Cut wellhead and install dry hole marker

*4 25 sxs @ 2355' to 22331' (B. Salt @ 2305') WOC & TAG*

*25 sxs @ 1240' to 1128' (T. Salt @ 1190') WOC & TAG*



Proposed P&A WBD  
7.23.24MD  
Surface350'  
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 fill720'  
970'

Rustler Plug: Perf 5-1/2" Csg @ 970'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. WOC, Tag &amp; Record. (Isolates Rustler formation)

spot 25 sxs @ 1240' to 1128'.  
WOC & TAG. (T. S&H)

2510'

Mix, Pump, and Spot 25 sxs of Class C cement @ 2355' WOC 4 hrs. TAG and Record. Isolates Seven Rivers Formation.  
B. S&H

2710'

3100'

Mix, Pump, and Spot 30 sxs of Class C cement @ 3300'. WOC 4 hrs. TAG and Record. Isolates Queen Formation.

3300'

3198'

Spot 55' of cement @ 4188' via bailer runs. Wait 4 hrs and tag.

4019'  
Set CIBP @ 3,226' and wait 25' of cement  
spot 33 sxs.

3228'

3253'

Perfs f/ 3253' - 4136'

leak test CIBP.  
WOC & TAG.

4136'

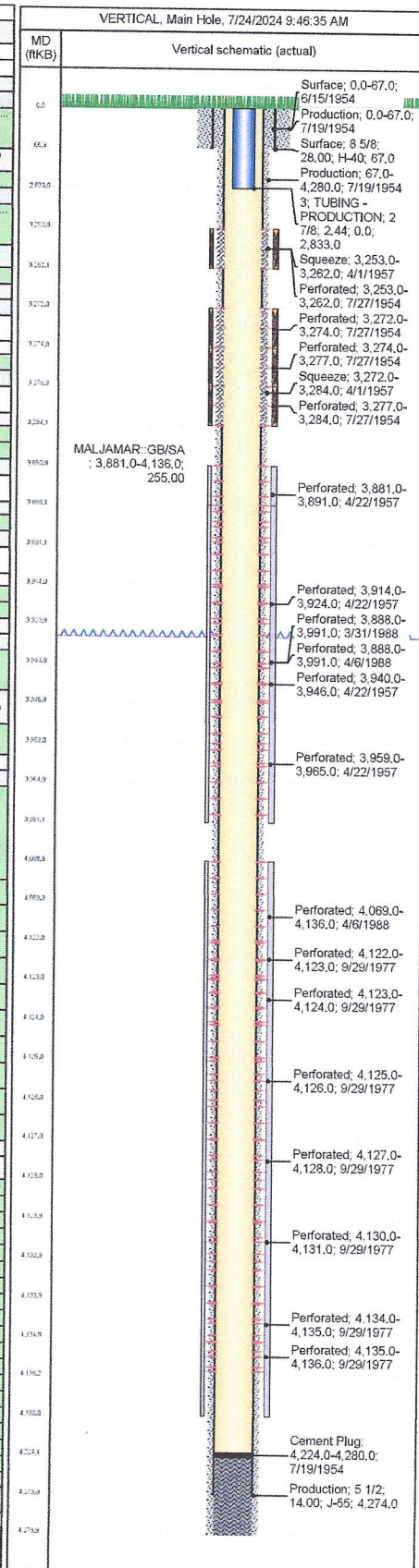




# MCA 231 Wellbore Diagram

Well Header			
API #	State	County	District
3002500803	NEW MEXICO	LEA	PERMIAN CONVENTIONAL
Division	Business Unit	Region	Area
PERMIAN	MAVERICK PERMIAN	RG_SE NEW MEXICO	A_MCA
Total Depth (ftKB)			4,280.0

Wellbore Sections												
Section Des		Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Blm (ftKB)	Act Blm (TVD) (ftKB)	Start Date		End Date			
SURFAC		12 1/4	0.0				6/15/1954		6/15/1954			
Production		6 3/4	67.0		4,280.0		6/15/1954		7/18/1954			
Casing Strings												
Casing String: Surface 8 5/8" Set Depth: 67.0												
Casing Description		Run Date	OD (in)	OD Nom M.	ID (in)	ID Nom M.	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (ftKB)	
Surface		6/15/1954 00:00	8 5/8	8 5/8	8.02	8.017	28.00	H-40	67.00	0.0		
Item Des		Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Blm (ftKB)	Top (TVD) (ftKB)	
Surface		0	8 5/8	8.017	28.00	H-40	67.00		0.0	67.0		
Casing String: Production 5 1/2" Set Depth: 4,274.0												
Casing Description		Run Date	OD (in)	OD Nom M.	ID (in)	ID Nom M.	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth (ftKB)	
Production		7/19/1954 00:00	5 1/2	5 1/2	5.01	5.012	14.00	J-55	4,274.00	0.0		
Item Des		Joints in Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Blm (ftKB)	Top (TVD) (ftKB)	
Production		0	5 1/2	5.012	14.00	J-55	4,274.00		0.0	4,274.0		
Cement												
Surface												
Cementing Start Date			Cementing End Date			String Surface, 67.0ftKB						
6/15/1954 00:00			6/15/1954 00:00									
Stg #	Pump Start Date	Pump End Date	Top (ftKB)		Blm (ftKB)		Top (TVD) (ftKB)		Blm (TVD) (ftKB)			
1	6/15/1954	6/15/1954	0.0		67.0							
Production												
Cementing Start Date			Cementing End Date			String Production, 4,274.0ftKB						
7/19/1954 00:00			7/19/1954 00:00									
Stg #	Pump Start Date	Pump End Date	Top (ftKB)		Blm (ftKB)		Top (TVD) (ftKB)		Blm (TVD) (ftKB)			
1	7/19/1954	7/19/1954	0.0		67.0							
2	7/19/1954	7/19/1954	67.0		4,280.0							
Cement Plug												
Cementing Start Date			Cementing End Date			String						
7/19/1954 00:00			7/19/1954 00:00									
Stg #	Pump Start Date	Pump End Date	Top (ftKB)		Blm (ftKB)		Top (TVD) (ftKB)		Blm (TVD) (ftKB)			
1	7/19/1954	7/19/1954	4,224.0		4,280.0							
Squeeze												
Cementing Start Date			Cementing End Date			String						
4/1/1957 00:00			4/1/1957 00:00									
Stg #	Pump Start Date	Pump End Date	Top (ftKB)		Blm (ftKB)		Top (TVD) (ftKB)		Blm (TVD) (ftKB)			
1	4/8/1957	4/8/1957	3,253.0		3,262.0							
2	4/8/1957	4/8/1957	3,272.0		3,284.0							
Tubing Strings												
Set Depth: 2,833.0												
Run Job	String	String Ma.	OD Nom...	ID (in)	ID Nom M.	Wt (lb/ft)	String Grade	Set Depth...	Len (ft)			
		2 7/8	2 7/8	2.44	2.44	6.40	J-55	0.0	2,833.0	0		
Item Des	Len (ft)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Tally Jts Run	Tally Len (ft)	Top (ftKB)	Blm (ftKB)	Top (TVD) (ftKB)	Blm (TVD) (ftKB)	
TUBING	2,833.0	0	2 7/8	2.44	6.40	J-55	0	0.0	2,833.0			
Rod Strings												
Set Depth: 4,163.0												
Rod Description	Set De...	Run Date	Run Job	OD (in)	Wt (lb/ft)	String Gr...	Top (ft...	Set De...	String Components			
Rod	4,163.0	4/12/2007 0	REPAIR DOWNHOLE FAILURE, 4/5/2007 00:00	3/4		C	-9.0		Gas Anchor/Dip Tube, Rod Insert Pump, Guided Pump Handling Sub, Sinker Bar, Guided Rod Sub, Sinker Bar, Guided rods, 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)					
26.00	1 1/2	1				-9.0	17.0					
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)					
1,950.00	7/8	78			C	17.0	1,967.0					
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)					
2,075.00	3/4	83			C	1,967.0	4,042.0					
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)					
50.00	3/4	2			KD	4,042.0	4,092.0					
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)					
25.00	1 1/2	1			K	4,092.0	4,117.0					
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)					
2.00	3/4	1			D Spec KD	4,117.0	4,119.0					
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)					
25.00	1 1/2	1			K	4,119.0	4,144.0					
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)					
2.00	3/4	1			D Spec KD	4,144.0	4,146.0					
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)					
16.00	1 1/4	1				4,146.0	4,162.0					
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)					
1.00	1 1/4	1				4,162.0	4,163.0					
Perforations												
Date	Top (ftKB)	Blm (ftKB)	Top (TVD) (ftKB)	Blm (TVD) (ftKB)	Shot Dens (shots/ft)	Calculated Shot Total	Blm - Top (ft)					
7/27/1954 00:00	3253	3262			4.0	37	9					
7/27/1954 00:00	3272	3274			6.0	13	2					
7/27/1954 00:00	3274	3277			2.0	7	3					
7/27/1954 00:00	3277	3284			6.0	43	7					
4/22/1957 00:00	3881	3891			6.0	61	10					
3/31/1988 00:00	3888	3991			2.0	207	103					
4/6/1988 00:00	3888	3991			1.0	104	103					
4/22/1957 00:00	3914	3924			6.0	61	10					
4/22/1957 00:00	3940	3946			6.0	37	6					
4/22/1957 00:00	3959	3965			6.0	37	6					
4/6/1988 00:00	4069	4136			1.0	68	67					
9/29/1977 00:00	4122	4123			2.0	3	1					
9/29/1977 00:00	4123	4124			2.0	3	1					
9/29/1977 00:00	4125	4126			2.0	3	1					
9/29/1977 00:00	4127	4128			2.0	3	1					
9/29/1977 00:00	4130	4131			2.0	3	1					
9/29/1977 00:00	4134	4135			2.0	3	1					
9/29/1977 00:00	4135	4136			2.0	3	1					
Deviation Surveys												
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)





**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		2802989					
Plug Type	Top	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify			
8.625 inch- Shoe Plug	13.36	114.00	100.64	Tag/Verify	25.00	C	Spot cement from 114' to surface.
Top of Salt @ 1190	1128.10	1240.00	111.90	Tag/Verify	25.00	C	Spot cement from 1240' to 1128'. WOC and Tag.
Base of Salt @ 2305	2231.95	2355.00	123.05	Tag/Verify	25.00	C	Spot cement from 2355' to 2231'. WOC and Tag.
Queen @ 3250	3167.50	3300.00	132.50	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	25.00	C	Spot cement from 3300' to 3167'.
Perforations Plug (If No CIBP)	3201.16	3334.00	132.84	Tag/Verify			
Grayburg @ 3795	3707.05	3845.00	137.95	If solid			
Perforations Plug (If No CIBP)	3831.00	4015.00	184.00	Tag/Verify			
San Andres @ 3990	3900.10	4040.00	139.90	If solid			
CIBP Plug	3984.00	4019.00	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	33.00	C	Set CIBP at 4019'. Spot cement from 4019' to 3707'. Leak test CIBP. WOC and Tag.
Perforations Plug (If No CIBP)	4019.00	4186.00	167.00	Tag/Verify			
5.5 inch- Shoe Plug	4181.26	4324.00	142.74	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 @		64.00	
5.5 inch- Shoe Plug @		4274.00	
Perforatons Top @	3253.00	Perforations	3284.00
Perforatons Top @	3881.00	Perforations	3965.00
Perforatons Top @	4069.00	Perforations	4136.00
		CIBP @	4019.00



**State of New Mexico**  
**Energy, Minerals and Natural Resources Department**  
**Oil Conservation Division**  
**Standard Plugging Conditions**



This document provides OCD's general plugging conditions of approval. It should be noted that the list below may not cover special plugging programs in unique and unusual cases, and OCD expressly reserves the right to impose additional requirements to the extent dictated by project conditions. The OCD also reserves the right to approve deviations from the below conditions if field conditions warrant a change. A C-103F NOI to P&A must be approved prior to plugging operations. Failure to comply with the conditions attached to a plugging approval may result in a violation of 19.15.5.11 NMAC, which may result in enforcement actions, including but not limited to penalties and a requirement that the well be re-plugged as necessary.

1. Notify OCD office at least 24 hours before beginning work and seek prior approval to implementing any changes to the C-103 NOI to PA.
  - North Contact, Monica Kuehling, 505-320-0243, [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)
  - South Contact, Gilbert Cordero, 575-626-0830, [gilbert.cordero@emnrd.nm.gov](mailto:gilbert.cordero@emnrd.nm.gov)
2. A Cement Bond Log is required to ensure strata isolation of producing formations, protection of water and correlative rights. A CBL must be run or be on file that can be used to properly evaluate the cement behind the casing.

Note: Logs must be submitted to OCD via OCD permitting. A copy of the log may be emailed to OCD inspector for faster review times, but emailing does not relieve the operators obligation to submit through OCD permitting.

3. Once Plugging operations have commenced, the rig must not rig down until the well is fully plugged without OCD approval. If gap in plugging operations exceeds 30 days, the Operator must file a subsequent sundry of work performed and revised NOI for approval on work remaining. At no time shall the rig be removed from location if it will result in waste or contamination of fresh water.
4. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
5. Fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
  - North, water or mud laden fluids
  - South, mud laden fluids
6. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to an OCD permitted disposal facility.

7. Class of cement shall be used in accordance with the below table for depth allowed.

Class	TVD Lower Limit (feet)
Class A/B	6,000
Class I/II	6,000
Class C or III	6,000
Class G and H	8,000
Class D	10,000
Class E	14,000
Class F	16,000

8. After cutting the well head any "top off cement jobs" must remain static for 30 minutes. Any gas bubbles or flow during this 30 minutes shall be reported to the OCD for approval of next steps.
9. Trucking companies being used to haul oilfield waste fluids (Commercial or Private) to a disposal facility shall have an approved OCD C-133 permit.
- A copy of this permit shall be available in each truck used to haul waste products.
  - It is the responsibility of the Operator and Contractor to verify that this permit is in place prior to performing work.
  - Drivers shall be able to produce a copy upon request of an OCD Compliance Officer.
10. Filing a [C-103] Sub. Plugging (C-103P) will serve as notification that the well has been plugged.
11. A [C-103] Sub. Release After P&A (C-103Q) shall be filed no later than a year after plugging and a site inspection by OCD Compliance officer to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to meet OCD standards before bonding can be released.
12. Produced water or brine-based fluids **may not** be used during any part of plugging operations without **prior OCD approval**.
13. Cementing;
- All cement plugs will be neat cement and a minimum of 100' in length. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
  - If cement does not exist between or behind the casing strings at recommended formation depths, the casing perforations will be shot at 50' below the formation top and the cement retainer shall be set no more than 50' from the perforations.
  - WOC (Wait on Cement) time will be:
    - 4 hours for accelerated (calcium chloride) cement.
    - 6 hours on regular cement.
  - Operator must tag all cement plugs unless it meets the below condition.
    - The operator has a passing pressure test for the casing annulus and the plug is only an inside plug.
  - If perforations are made operator must tag all plugs using the work string to tag unless given approval to tag with wireline by the correct contact from COA #1 of this document.
    - This includes plugs pumped underneath a cement retainer to ensure retainer seats properly after cement is pumped.
  - Cement can only be bull-headed with specific prior approval.
  - Squeeze pressures are not to exceed the exposed formations frac gradient or the burst pressure of the casing.

14. A cement plug is required to be set from 50' below to 50' above (straddling) formation tops, casing shoes, casing stubs, any attempted casing cut offs, anywhere the casing is perforated, DV tools.
- Perforation/Formation top plug. (When there is less than 100ft between the top perforation to the formation top.) These plugs are required to be started no greater than 50ft from the top perforation. However, the plug should be set below the formation top or as close to the formation top as possible for the maximum isolation between the formations. The plug is required to be a 100ft cement plug plus excess.
  - Perforation Plug when a formation top is not included. These plugs are required to be started within 50ft of the top perforation. The plug is required to be a 100ft cement plug plus excess.
  - Cement caps on top of bridge plugs or cement retainers for perforation plugs, that are not straddling a formation top, may be set using a bailer with a minimum of 35' of cement in lieu of the 100' plug. The bridge plug or retainer must be set within 50ft of the perforations.
  - Perforations are required below the surface casing shoe if cement does not exist behind the casing, a 30-minute minimum wait time will be required immediately after perforating to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. If gas is detected contact the OCD office for directions.
15. No more than 3000 feet is allowed between cement plugs in cased hole and no more than 2000 feet is allowed in open hole.
16. Formation Tops to be isolated with cement plugs, but not limited to are:
- Northwest See Figure A
  - South (Artesia) See Figure B
  - Potash See Figure C
    - In the R-111-P (Or as subsequently revised) Area a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
  - South (Hobbs) See Figure D1 and D2
  - Areas not provided above will need to be reviewed with the OCD on a case by case basis.
17. Markers
- Dry hole marker requirements 19.15.25.10.  
The operator shall mark the exact location of plugged and abandoned wells with a steel marker not less than four inches in diameter set in cement and extending at least four feet above mean ground level. The marker must include the below information:
    1. Operator name
    2. Lease name and well number
    3. API number
    4. Unit letter
    5. Section, Township and Range

- AGRICULTURE (Below grade markers)

In Agricultural areas a request can be made for a below ground marker. For a below ground marker the operator must file their request on a C-103 notice of intent, and it must include the following;

A) Aerial photo showing the agricultural area

B) Request from the landowner for the below ground marker.

C) Subsequent plugging report for a well using a below ground marker must have an updated C-102 signed by a certified surveyor for SHL.

Note: A below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to OCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to OCD. OCD requires a current survey to verify the location of the below ground marker, however OCD will accept a GPS coordinate that were taken with a GPS that has an accuracy of within 15 feet.

18. If work has not commenced within 1 year of the approval of this procedure, the approval is automatically expired. After 1 year a new [C-103] NOI Plugging (C-103F) must be submitted and approved prior to work.

Figure A

North Formations to be isolated with cement plugs are:

- San Jose
- Nacimiento
- Ojo Alamo
- Kirtland
- Fruitland
- Picture Cliffs
- Chacra (if below the Chacra Line)
- Mesa Verde Group
- Mancos
- Gallup
- Basin Dakota (plugged at the top of the Graneros)
- Deeper formations will be reviewed on a case-by-case basis

Figure B

South (Artesia) Formations to be isolated with cement plugs are:

- Fusselman
- Montoya
- Devonian
- Morrow
- Strawn
- Atoka
- Permo-Penn
- Wolfcamp
- Bone Springs
- Delaware , in certain areas where the Delaware is subdivided into;
  - 1. Bell Canyon
  - 2. Cherry Canyon
  - 3. Brushy Canyon
- Any salt sections
- Abo
- Yeso
- Glorieta
- San Andres
- Greyburg
- Queen
- Yates

## Figure C

## Potash Area R-111-P

## T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All

except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

## T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23.

Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

## T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec

10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec

24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit

A,B,C,D,F,G,H,I,J,O,P. Sec 32

Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

## T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

## T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec

23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit

A-H. Sec 36 Unit B-G.

## T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P.

Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

## T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P.

Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

## T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec

23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

## T 21S – R 30E

Sec 1 – Sec 36

T 21S – R 31E

Sec 1 – Sec 36

T 22S – R 28E

Sec 36 Unit A,H,I,P.

T 22S – R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit

A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S – R 30E

Sec 1 – Sec 36

T 22S – R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25

Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S – R 28E

Sec 1 Unit A

T 23S – R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit

A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33

Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S – R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit

A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec

33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S – R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P.

Sec 16 Unit

I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec

34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S – R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11.

Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.



T 24S – R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O, P. Sec 10 Unit B – G, K – N. Sec

35 Unit E – P. Sec 36 Unit E, K, L, M, N.

T 25S – R 31E

Sec 1 Unit C, D, E, F. Sec 2 Unit A – H.

Figure D1 and D2

South (Hobbs) Formations to be isolated with cement plugs are:

The plugging requirements in the Hobbs Area are based on the well location within specific areas of the Area (See Figure D1). The Formations in the Hobbs Area to be isolated with cement plugs are (see Figure D2)

Figure D1 Map

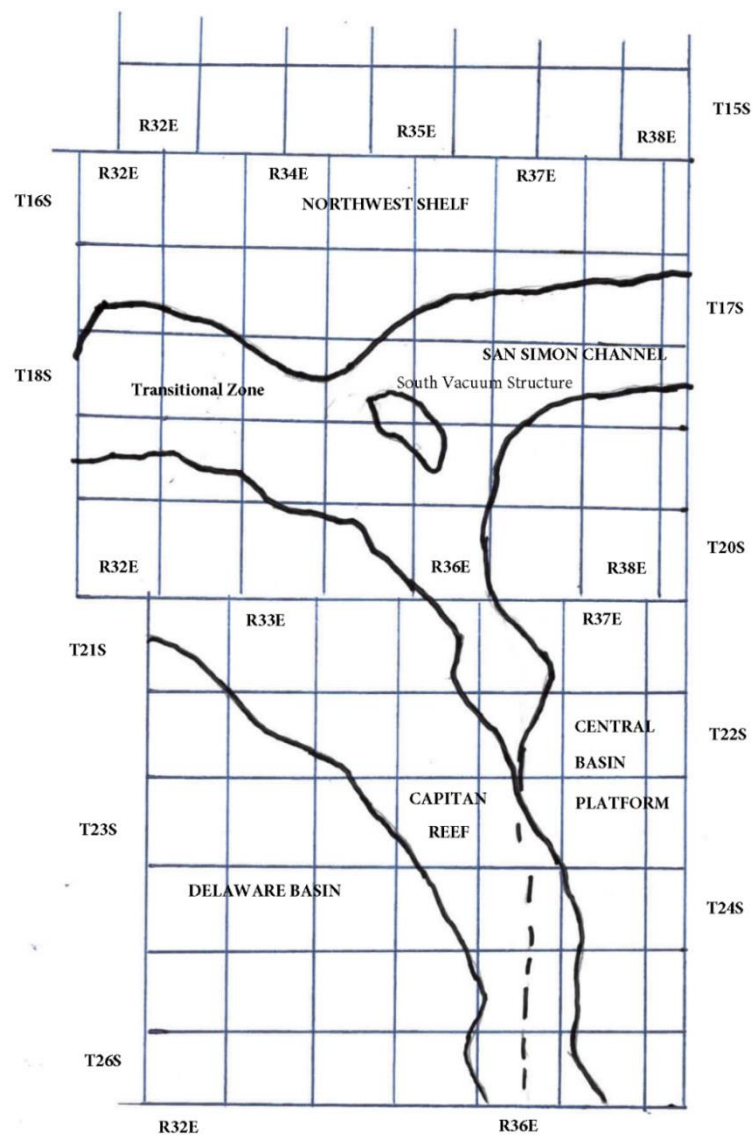


Figure D2 Formation Table

100' P'lug to isolate upper and lower fresh water zones (typiailly 2.50' to 350')						
NDItrhwst Shelf	C;iptan Reef Area	Tran5ition Zone	San Simon Oh.annel	South \lacJUUm Structure	Delaware Basin	Ce<n,tiral Basin Platform
Granit \./ash (Detrital basement material and fractured pre-Cambrian basement rock)	Siluro-Devonian	Morrow	Siluro-Devonian	Ellenburger	Siluro-Devonian	Granit \./ash (Detrital basement material, fractured pre-Cambrian basement rock and fracture Mafic Volcanic intrusives).
Montoya	Mississippian	Atoka	Morrow	Mckee	Morrow	Ellenburger
Fusselman	Morrow	Strawn	\./olfcamp	Siluro-Devonian	Atoka	Connell
Woodford	Atoka	Cisco	Abo Reef	Woodford	Strawn	Waddell
Siluro-Devonian	Strawn	Pennsylvanian	Bone Spring	Mississippian	Pennsylvanian	Mckee
Chester	Pennsylvanian	\./olfcamp	Delaware	Barnett Shale	Low er \./olfcamp	Simpson Group
Austin	\./olfcamp	Bone Spring	San Andres	Morrow	Upper \./olfcamp	Montoya
Mississippian	Abo Reef, if present	Delaware	Queen	Atoka	\./olfcamp	Fusselman
Morrow	Abo, if present	San Andres	Yates	Strawn	Third Bone Spring Sand (Top of \./olfbone)	Silurian
Atoka	Queen, if present	Grayburg-San Andres	Base of Salt	Canyon	First Bone Spring Sand (Top of Lower Bone Spring)	Devonian
Lower Pennsylvanian	Bone Spring	Queen	Rustler	Pennsylvanian	Bone Spring	Strawn
Cisco-Canyon	Delaware	Seven Rivers		Blinebry	Brushy Canyon	Pennsylvanian
Pennsylvanian	Base Capitan Reef	Yates		Bone Spring	Delaw are (Base of Salt)	\./olfcamp
Bough	Seven Rivers	Base of Salt		San Andres	Rustler	Abo
\./olfcamp	Yates	Rustler		Queen		Abo Reef
Abo	Top Capitan Reef			Base of Salt		Drinkard
Abo Reef, if present	Base of Salt			Rustler		Tubb
Yeso (Township 15 South to Township 17 South)	Rustler					Blinebry
Drinkard or Low er Yeso (Township 15 South to Township 17 South)						Paddock
Tubb (Township 15 South to Township 17 South)						Glorieta
Blinebry (Township 15 South to Township 17 South)						San Andres
Paddock (Township 15 South to Township 17 South)						Grayburg
Glorieta						Grayburg-San Andres
San Andres						Queen
Queen (Township 15 South to Township 17 South)						Seven Rivers
Seven Rivers (Township 15 South to Township 17 South)						Yates
Yates (Township 15 South to Township 17 South)						Base of Salt
Base of Salt						Rustler
Rustler						

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 384460

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 384460
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify NMOCD 24 hours prior to beginning P&A operations.	9/19/2024
loren.diede	Subnit CBL into NMOCD Imaging via Electronic Permitting.	9/19/2024
loren.diede	NMOCD agrees with BLM Conditions of Approval added but NMOCD will require that the Rustler plug perforations be changed to 1025'. NMOCD picks the Rustler formation top at 975'.	9/19/2024
loren.diede	NMOCD considers this well to be within the LPCH area and therefore a below ground P&A marker will be required.	9/19/2024