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

Sundry Print Report

09/18/2024

Well Name: MCA UNIT

Well Location: T17S / R32E / SEC 22 / SWSE / 32.8161984 / -103.7541783

County or Parish/State: LEA / NM

Well Number: 327

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC058395

Unit or CA Name: MCA UNIT

Unit or CA Number: NMNM70987A

US Well Number: 300252427400S1

Operator: MAVERICK PERMIAN LLC

Notice of Intent

Sundry ID: 2804215

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/01/2024

Time Sundry Submitted: 10:09

Date proposed operation will begin: 08/01/2024

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

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

MCA_327_P_0A_Procedure_FINAL_20240826094353.pdf

Well Name: MCA UNIT

Well Location: T17S / R32E / SEC 22 / SWSE / 32.8161984 / -103.7541783

County or Parish/State: LEA / NM

Well Number: 327

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC058395

Unit or CA Name: MCA UNIT

Unit or CA Number: NMNM70987A

US Well Number: 300252427400S1

Operator: MAVERICK PERMIAN LLC

Conditions of Approval

Specialist Review

MCA_Unit_327_Sundry_ID_2804215_P_A_20240917134239.pdf

Operator

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

Operator Electronic Signature: NICOLE LEE

Signed on: AUG 26, 2024 09:44 AM

Name: MAVERICK PERMIAN LLC

Title: Regulatory Lead

Street Address: 1000 MAIN STREET SUITE 2900

City: HOUSTON **State:** TX

Phone: (713) 437-8097

Email address: NICOLE.LEE@MAVRESOURCES.COM

Field

Representative Name:

Street Address:

City: **State:** **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

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*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ 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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 OFICE 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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

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

BHL: SWSE / 1225 FSL / 2615 FEL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

MAVERICK
NATURAL RESOURCES

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

MCA 327
P&A Procedure

Notes:

Procedure:

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

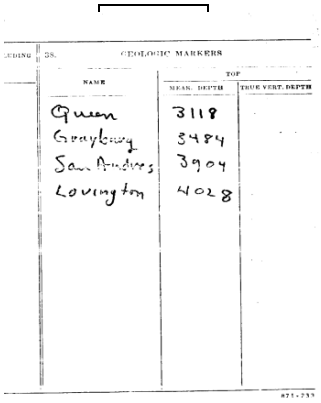
State: New Mexico
County: Lea
Field:
Spud Date: 11/14/1972
KB: 11

Maverick Resources
Well: MCA 327
API# 30-025-24274

Proposed P&A WBD
7.30.24

MD

Surface Casing: 8-5/8" 20# . Cmt to surface — 839'


GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
Queen	3118	
Grayburg	3484	
San Andres	3904	
Lovington	4028	

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
350'

720'
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 & Record. (Isolates Ruster formation)

3018' — Mix, Pump, and Spot 30 sx of Class C cement @3218'. WOC 4 hrs. TAG and Record. Isolates Queen Formation.
3218

Spot 35' of cement @3739' via bailer runs. Wait 4 hrs and tag.
3739'

Permanent CIBP already in well @ 3774' Run CBL and bail 25' of cement ontop of CIBP
3774'

Production Csg: 5-1/2" 14# J-55. — 4200'

Perfs f/ 3,802' - 4092'

TD: 4200' MD

MAVERICK NATURAL RESOURCES

MCA 327
Wellbore Diagram

Well Header

API #	State	County	District
3002524274	NEW MEXICO	LEA	PERMIAN CONVENTIONAL

Division	Business Unit	Region	Area	Total Depth (ftKB)
PERMIAN	MAVERICK PERMIAN	RG_SE_NEW_MEXICO	A_MCA	4,200.0

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	11.0		850.0		11/14/1972	11/14/1972
Production	7 1/4	850.0		4,200.0		11/17/1972	11/17/1972

Casing Strings

Casing String: Surface 8 5/8" Set Depth: 850.0

Casing Description	Run Date	OD (in)	OD Nom M…	ID (in)	ID Nom Mi…	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth…
Surface	11/16/1972 08:00	8 5/8	8 5/8			20.00		839.00	11.0	

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		20.00		839.00	19	11.0	850.0		

Casing String: Production 5 1/2" Set Depth: 4,200.0

Casing Description	Run Date	OD (in)	OD Nom M…	ID (in)	ID Nom Mi…	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth…
Production	11/23/1972 00:00	5 1/2	5 1/2			14.00	J-55	4,189.00	11.0	

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		14.00	J-55	4,189.00		11.0	4,200.0		

Cement

Surface

Cementing Start Date	Cementing End Date	String
11/16/1972 12:00	11/16/1972 00:00	Surface, 850.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
1	11/16/1972	11/16/1972	11.0	850.0		

Production

Cementing Start Date	Cementing End Date	String
11/23/1972 08:00	11/23/1972 00:00	Production, 4,200.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
1	11/23/1972	11/23/1972	1,770.0	4,200.0		

Cement Plug

Cementing Start Date	Cementing End Date	String
11/23/1972 08:00	11/23/1972 00:00	

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
	11/23/1972	11/23/1972	4,164.0	4,200.0		

Cement Squeeze

Cementing Start Date	Cementing End Date	String
11/1/1989 08:00	11/1/1989 00:00	Production, 4,200.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
	11/1/1989	11/1/1989	700.0	800.0		

Tubing Strings

Set Depth: 3,799.9

Run Job	String	String Ma…	OD Nom…	ID (in)	ID Nom M…	Wt (lb/ft)	String Grade	Top (ftKB)	Set Depth…	Len (ft)
REPAIR DOWNHOLE FAILURE, 10/19/2021 15:30		2 3/8	2 7/8	1.87	1 25/32		J-55	11.0		3,788.93

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	3,726.40	2 3/8	1.87		J-55	0		11.0	3,737.4		
Tubing	30.38	2 3/8	2.04	4.00	J-55	0		3,737.4	3,767.8		
Pump Seating Nipple	1.10	2 3/8	1.78			0		3,767.8	3,768.9		
Mud Anchor	31.05	2 7/8	2.26			0		3,768.9	3,799.9		

Rod Strings

Set Depth: 3,783.9

Rod Description	Set De…	Run Date	Run Job	OD (in)	Wt (lb/ft)	String Gr…	Top (ft…	Set De…	Set De…	String Components
Rod	3,783.9	7/25/2013	REPAIR DOWNHOLE FAILURE, 7/11/2013 07:00	3/4		D Spec KD	-6.1			Dip Tube, Rod Insert Pump, Sinker Bar, Sucker Rod Guided, Sinker Bar, Sucker Rod Guided, Sinker Bar, Sucker Rod Guided, Sinker Bar, Sucker Rod Guided, 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				-6.1	19.9
1,525.00	7/8	61			D Spec KD	19.9	1,544.9
2,000.00	3/4	80			D Spec KD	1,544.9	3,544.9
2.00	7/8	1			D Spec KD	3,544.9	3,546.9
50.00	1 1/2	2			C	3,546.9	3,596.9
2.00	7/8	1			D Spec KD	3,596.9	3,598.9
50.00	1 1/2	2			C	3,598.9	3,648.9
2.00	7/8	1			D Spec KD	3,648.9	3,650.9
50.00	1 1/2	2			C	3,650.9	3,700.9
2.00	7/8	1			D Spec KD	3,700.9	3,702.9
50.00	1 1/2	2			C	3,702.9	3,752.9
16.00	1 1/4	1				3,752.9	3,768.9
15.00	1	1				3,768.9	3,783.9

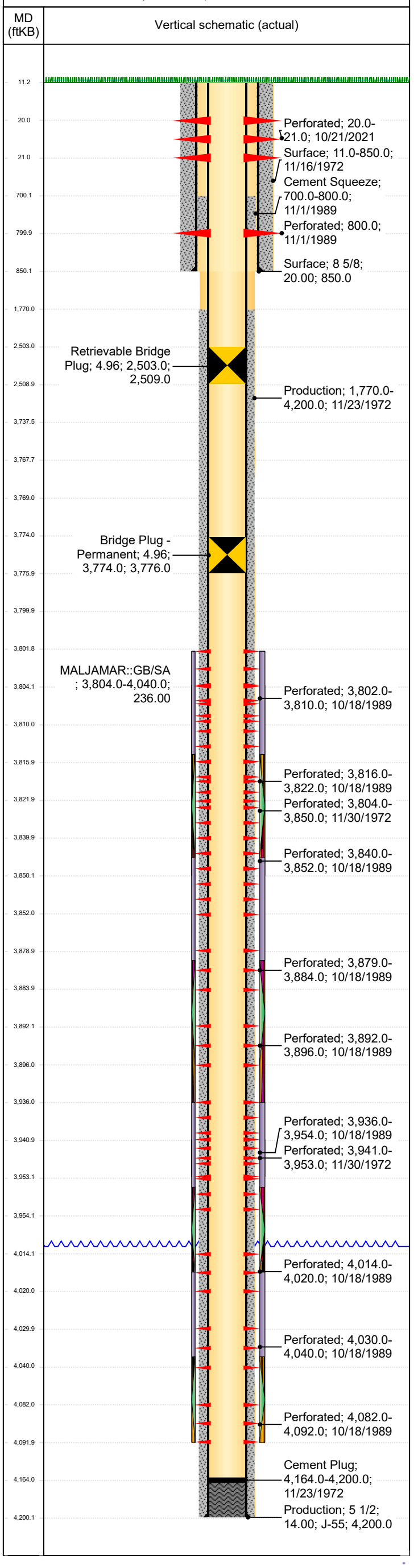
Perforations

Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)	Shot Dens (shots/ft)	Calculated Shot Total	Btm - Top (ft)
10/21/2021 13:00	20	21				1	1
11/1/1989 00:00	800	800				2	0
10/18/1989 00:00	3802	3810			1.0	9	8
11/30/1972 00:00	3804	3850				7	46
10/18/1989 00:00	3816	3822			1.0	7	6
10/18/1989 00:00	3840	3852			1.0	13	12
10/18/1989 00:00	3879	3884			1.0	6	5
10/18/1989 00:00	3892	3896			1.0	5	4
10/18/1989 00:00	3936	3954			1.0	19	18
11/30/1972 00:00	3941	3953				4	12
10/18/1989 00:00	4014	4020			1.0	7	6
10/18/1989 00:00	4030	4040			1.0	11	10
10/18/1989 00:00	4082	4092			2.0	21	10

Deviation Surveys

Date	Description	Job

VERTICAL, Main Hole, 7/31/2024 1:05:03 PM



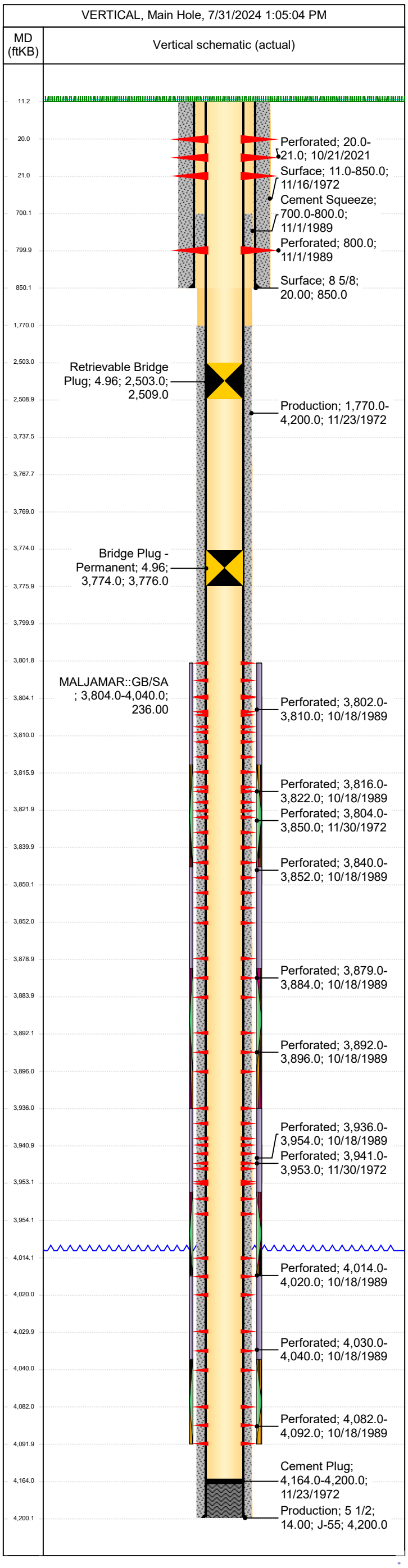
MAVERICK NATURAL RESOURCES

MCA 327
Wellbore Diagram

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

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)



AFMSS

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

Sundry Print Report

09/16/2024

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

Notice of Intent

Sundry ID: 2804215

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/01/2024

Time Sundry Submitted: 10:09

Date proposed operation will begin: 08/01/2024

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

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

MCA_327_P_0A_Procedure_FINAL_20240826094353.pdf

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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

Operator

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

Operator Electronic Signature: NICOLE LEE

Signed on: AUG 26, 2024 09:44 AM

Name: MAVERICK PERMIAN LLC

Title: Regulatory Lead

Street Address: 1000 MAIN STREET SUITE 2900

City: HOUSTON **State:** TX

Phone: (713) 437-8097

Email address: NICOLE.LEE@MAVRESOURCES.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

Low Cavey Chicken

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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMLC058395

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No. MCA UNIT/NMNM70987A

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No. MCA UNIT/327

2. Name of Operator MAVERICK PERMIAN LLC

9. API Well No. 3002524274

3a. Address 1000 MAIN STREET SUITE 2900, HOUSTON, T

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 22/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			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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.)

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

14. I hereby certify that the foregoing is true and correct. Name *(Printed Typed)* NICOLE LEE / Ph: (713) 437-8097

Title Regulatory Lead

Signature (Electronic Submission)

Date 08/26/2024

THE SPACE FOR FEDERAL OR STATE OFICE 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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

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

BHL: SWSE / 1225 FSL / 2615 FEL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

MAVERICK
NATURAL RESOURCES

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

MCA 327
P&A Procedure

Notes:

Procedure:

1. Retrieve retrievable bridge plug @ 2503' 35'
2. RIH and tag existing CIBP @ 3,774 and bail ~~25'~~ of cement ontop
3. ~~Run CBL from CIBP to sfc~~
4. ~~Spot 35' of cement via bailer runs~~ Wait 4 hrs and tag. Run CBL.
5. Mix, Pump, and Spot 30 sx of Class C cement @ 3,218'. WOC 4 hrs. TAG and Record. Isolates Queen Formation.
6. Perf 5-1/2" Csg @ ~~970~~ 750'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. WOC, Tag & Record. Isolates Ruster formation
7. Surface Plug: Perf 5-1/2" Csg @ 350'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 350' cmt plug. Circulate to sfc and top fill
8. Cut wellhead and install dry hole marker

Spot cement from 3534' to 3399'. (Grayburg @ 3484') 25 sxs.

Spot cement from 2240' to 1976'. (Yates & B. Salt) 28 sxs.
WOC & TAG.

Spot cement from 1650' to 791'. (T. Salt & Shoe). 27 sxs

State: New Mexico
County: Lea
Field:
Spud Date: 11/14/1972
KB: 11

Maverick Resources
Well: MCA 327
API# 30-025-24274

Proposed P&A WBD
7.30.24

MD

Surface Casing: 8-5/8" 20# . Cmt to surface — 839'

Production Csg: 5-1/2" 14# J-55. — 4200'

NAME	
Queen	3118
Grayburg	3484
San Andres	3904
Lovington	4028

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

350'

720'
970' — Rustler Plug: Perf 5-1/2" Csg @ ~~970'~~ 750'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. WOC, Tag & Record. (Isolates Ruster formation)

Spot cement from 1051' to 791'. (T. Salt & Shoe) 27 sxs.

Spot cement from 2240' to 1976'. (Yates & B. Salt) 28 sxs. WOC & Tag.

3018'
3218 — Mix, Pump, and Spot 30 sx of Class C cement @3218'. WOC 4 hrs. TAG and Record. Isolates Queen Formation.

Spot cement from 3534' to 3399'. (Grayburg @ 3484') 25 sxs

3739' — ~~Spot 35' of cement @3739' via baller runs.~~ Wait 4 hrs and tag.

Permanent CIBP already in well @ 3774' Run CBL and bail ~~25'~~ 35' of cement ontop of CIBP

3774' — Leaktest CIBP

Perfs f/ 3,802' - 4092'

TD: 4200' MD

MAVERICK NATURAL RESOURCES

MCA 327
Wellbore Diagram

Well Header

API #	State	County	District
3002524274	NEW MEXICO	LEA	PERMIAN CONVENTIONAL

Division	Business Unit	Region	Area	Total Depth (ftKB)
PERMIAN	MAVERICK PERMIAN	RG_SE_NEW_MEXICO	A_MCA	4,200.0

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	11.0		850.0		11/14/1972	11/14/1972
Production	7 1/4	850.0		4,200.0		11/17/1972	11/17/1972

Casing Strings

Casing String: Surface 8 5/8" Set Depth: 850.0

Casing Description	Run Date	OD (in)	OD Nom M...	ID (in)	ID Nom Mi...	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth...
Surface	11/16/1972 08:00	8 5/8	8 5/8			20.00		839.00	11.0	

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		20.00		839.00	19	11.0	850.0		

Casing String: Production 5 1/2" Set Depth: 4,200.0

Casing Description	Run Date	OD (in)	OD Nom M...	ID (in)	ID Nom Mi...	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth...
Production	11/23/1972 00:00	5 1/2	5 1/2			14.00	J-55	4,189.00	11.0	

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		14.00	J-55	4,189.00		11.0	4,200.0		

Cement

Surface

Cementing Start Date	Cementing End Date	String
11/16/1972 12:00	11/16/1972 00:00	Surface, 850.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
1	11/16/1972	11/16/1972	11.0	850.0		

Production

Cementing Start Date	Cementing End Date	String
11/23/1972 08:00	11/23/1972 00:00	Production, 4,200.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
1	11/23/1972	11/23/1972	1,770.0	4,200.0		

Cement Plug

Cementing Start Date	Cementing End Date	String
11/23/1972 08:00	11/23/1972 00:00	

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
	11/23/1972	11/23/1972	4,164.0	4,200.0		

Cement Squeeze

Cementing Start Date	Cementing End Date	String
11/1/1989 08:00	11/1/1989 00:00	Production, 4,200.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
	11/1/1989	11/1/1989	700.0	800.0		

Tubing Strings

Set Depth: 3,799.9

Run Job	String	String Ma...	OD Nom...	ID (in)	ID Nom M...	Wt (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Len (ft)
REPAIR DOWNHOLE FAILURE, 10/19/2021 15:30		2 3/8	2 7/8	1.87	1 25/32		J-55	11.0		3,788.93

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	3,726.40	2 3/8	1.87		J-55	0		11.0	3,737.4		
Tubing	30.38	2 3/8	2.04	4.00	J-55	0		3,737.4	3,767.8		
Pump Seating Nipple	1.10	2 3/8	1.78			0		3,767.8	3,768.9		
Mud Anchor	31.05	2 7/8	2.26			0		3,768.9	3,799.9		

Rod Strings

Set Depth: 3,783.9

Rod Description	Set De...	Run Date	Run Job	OD (in)	Wt (lb/ft)	String Gr...	Top (ft...	Set De...	Set De...	String Components
Rod	3,783.9	7/25/2013	REPAIR DOWNHOLE FAILURE, 7/11/2013 07:00	3/4		D Spec KD	-6.1			Dip Tube, Rod Insert Pump, Sinker Bar, Sucker Rod Guided, Sinker Bar, Sucker Rod Guided, Sinker Bar, Sucker Rod Guided, Sinker Bar, Sucker Rod Guided, Sucker Rod, Sucker Rod, Polished Rod

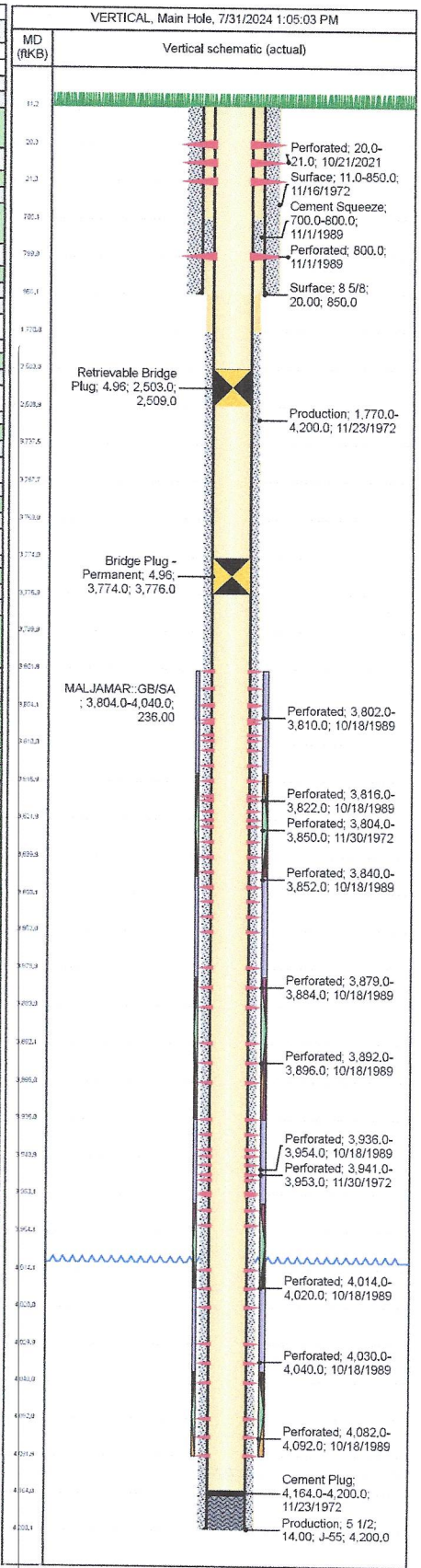
Length (ft)	OD Nominal (in)	Quantity	ID (in)	Weight/Length (lb/ft)	Grade	Top Depth (ftKB)	Bottom Depth (ftKB)
26.00	1 1/2	1				-6.1	19.9
1,525.00	7/8	61			D Spec KD	19.9	1,544.9
2,000.00	3/4	80			D Spec KD	1,544.9	3,544.9
2.00	7/8	1			D Spec KD	3,544.9	3,546.9
50.00	1 1/2	2			C	3,546.9	3,596.9
2.00	7/8	1			D Spec KD	3,596.9	3,598.9
50.00	1 1/2	2			C	3,598.9	3,648.9
2.00	7/8	1			D Spec KD	3,648.9	3,650.9
50.00	1 1/2	2			C	3,650.9	3,700.9
2.00	7/8	1			D Spec KD	3,700.9	3,702.9
50.00	1 1/2	2			C	3,702.9	3,752.9
16.00	1 1/4	1				3,752.9	3,768.9
15.00	1	1				3,768.9	3,783.9

Perforations

Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)	Shot Dens (shots/ft)	Calculated Shot Total	Btm - Top (ft)
10/21/2021 13:00	20	21				1	1
11/1/1989 00:00	800	800				2	0
10/18/1989 00:00	3802	3810			1.0	9	8
11/30/1972 00:00	3804	3850				7	46
10/18/1989 00:00	3816	3822			1.0	7	6
10/18/1989 00:00	3840	3852			1.0	13	12
10/18/1989 00:00	3879	3884			1.0	6	5
10/18/1989 00:00	3892	3896			1.0	5	4
10/18/1989 00:00	3936	3954			1.0	19	18
11/30/1972 00:00	3941	3953				4	12
10/18/1989 00:00	4014	4020			1.0	7	6
10/18/1989 00:00	4030	4040			1.0	11	10
10/18/1989 00:00	4082	4092			2.0	21	10

Deviation Surveys

Date	Description	Job



MAVERICK NATURAL RESOURCES

MCA 327
Wellbore Diagram

Well Header

API #	State	County	District
3002524274	NEW MEXICO	LEA	PERMIAN CONVENTIONAL

Division	Business Unit	Region	Area	Total Depth (ftKB)
PERMIAN	MAVERICK PERMIAN	RG_SE_NEW_MEXICO	A_MCA	4,200.0

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)

VERTICAL, Main Hole, 7/31/2024 1:05:04 PM

MD (ftKB) | Vertical schematic (actual)

Perforated; 20.0-21.0; 10/21/2021
Surface; 11.0-850.0; 11/16/1972
Cement Squeeze; 700.0-800.0; 11/1/1989
Perforated; 800.0; 11/1/1989
Surface; 8 5/8; 20.00; 850.0
Retrievable Bridge Plug; 4.96; 2,503.0; 2,509.0
Production; 1,770.0-4,200.0; 11/23/1972
Bridge Plug - Permanent; 4.96; 3,774.0; 3,776.0
MALJAMAR::GB/SA; 3,804.0-4,040.0; 236.00
Perforated; 3,802.0-3,810.0; 10/18/1989
Perforated; 3,816.0-3,822.0; 10/18/1989
Perforated; 3,804.0-3,850.0; 11/30/1972
Perforated; 3,840.0-3,852.0; 10/18/1989
Perforated; 3,879.0-3,884.0; 10/18/1989
Perforated; 3,892.0-3,896.0; 10/18/1989
Perforated; 3,936.0-3,954.0; 10/18/1989
Perforated; 3,941.0-3,953.0; 11/30/1972
Perforated; 4,014.0-4,020.0; 10/18/1989
Perforated; 4,030.0-4,040.0; 10/18/1989
Perforated; 4,082.0-4,092.0; 10/18/1989
Cement Plug; 4,164.0-4,200.0; 11/23/1972
Production; 5 1/2; 14.00; J-55; 4,200.0

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

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

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

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

If you are unable to plug the well by the 90th day provide this office, prior to the 90th 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 10th 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 1st through June 15th 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

TAKE PRIDE® IN AMERICA

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 **2804215**

Plug Type	Top	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify			**Spot cement from 100' to surface. Verify at surface.**
8.625 inch- Shoe Plug	791.50	900.00	108.50	Tag/Verify			
Top of Salt @ 1000	940.00	1050.00	110.00	Tag/Verify	27.00	C	Spot cement from 1050' to 791'. WOC and Tag.
Base of Salt @ 2047	1976.53	2097.00	120.47	Tag/Verify			
Yates @ 2190	2118.10	2240.00	121.90	If solid base no need to Tag	28.00	C	Spot cement from 2240' to 1976'. WOC and Tag.
Queen @ 3118	3036.82	3168.00	131.18	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 3168' to 3036'.
Grayburg @ 3484	3399.16	3534.00	134.84	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 3534' to 3399'.

CIBP Plug	3739.00	3774.00	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	4.00	C	Tag existing CIBP at 3774'. Dump bail 35' on top. Leak test CIBP.
Perforations Plug (If No CIBP)	3752.00	4142.00	390.00	Tag/Verify			
San Andres @ 3860	3771.40	3910.00	138.60	If solid			
5.5 inch- Shoe Plug	4108.00	4250.00	142.00	Tag/Verify			

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

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

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

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

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

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

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

Perforatons Top @	**3802.00**	**Perforations**	**4092.00**
		CIBP @	**3774.00**

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

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

CONDITIONS

Action 384461

CONDITIONS

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

CONDITIONS

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