

Well Name: SEMU	Well Location: T20S / R38E / SEC 20 / SWSW / 32.5531247 / -103.1770136	County or Parish/State: LEA / NM
Well Number: 59	Type of Well: INJECTION - ENHANCED RECOVERY	Allottee or Tribe Name:
Lease Number: NMLC031670B	Unit or CA Name: SEMU-BLINEBRY-TUBB-DRINKARD PA	Unit or CA Number: NMNM71041N
US Well Number: 300250783400S2	Operator: MAVERICK PERMIAN LLC	

Notice of Intent

Sundry ID: 2882075

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 11/10/2025

Time Sundry Submitted: 01:01

Date proposed operation will begin: 12/10/2025

Procedure Description: Maverick Permian is respectfully submitting for your review the P&A plan for the SEMU 59.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

SEMU_059_Current_WBD_20251110130148.pdf

SEMU_059_P_A_Procedure_20251110130147.pdf

SEMU_059_Proposed_P_A_WBD_20251110130147.pdf

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US Well Number: 300250783400S2

Operator: MAVERICK PERMIAN LLC

Conditions of Approval

Specialist Review

SEMU_59_Sundry_ID_2882075_P_A_20251220103315.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: ARBAZ HUSSAIN

Signed on: NOV 10, 2025 01:01 PM

Name: MAVERICK PERMIAN LLC

Title: Regulatory Analyst

Street Address: 1000 MAIN STREET STE 2900

City: HOUSTON

State: TX

Phone: (832) 589-5181

Email address: AHUSSAIN@DGOC.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: 12/20/2025

Signature: Long Vo

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

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

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

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

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GENERAL INSTRUCTIONS

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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.

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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: SWSW / 660 FSL / 660 FWL / TWSP: 20S / RANGE: 38E / SECTION: 20 / LAT: 32.5531247 / LONG: -103.1770136 (TVD: 0 feet, MD: 0 feet)

BHL: SWSW / 660 FSL / 660 FWL / TWSP: 20S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)



DIVERSIFIED
energy

Well Information

Well Name SEMU 059	API/UWI 3002507834	DGOC Well Code 1238134
County LEA	State/Province NEW MEXICO	
Original KB Elevation (ft) 3,551.00	Ground Elevation (ft) 3,539.00	KB-Ground Distance (ft) 12.00
Surface Legal Location Sec 20, T-20-S-R38-E	Lat/Long Datum	Latitude (°) 32° 33' 10.944" N Longitude (°) 103° 10' 35.832" W

Directions To Well

Casing

Run Date	Casing Description	Set Depth	OD (in)	ID (in)	Wt (lb/ft)	Grade
5/6/1957 00:00	Surface Casing	228.0	10.752	10.19	32.75	H-40
5/11/1957 00:00	Intermediate Casing	3,997.0	7.626	6.90	24.00	H-40
5/18/1957 00:00	Intermediate Casing 2	9,021.0	5 1/2	4.89	17.00	J-55
6/11/1957 00:00	Production Liner	9,210.0	4	3.43	11.34	Hydril-251

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
	13.0	229.0
	1,400.0	3,998.0
Cement Squeeze	4,325.0	4,475.0
Cement Squeeze	4,370.0	4,470.0
Cement	5,836.0	5,915.0
	5,950.0	9,022.0
Cement	6,346.0	6,575.0
	8,875.0	9,010.0
Cement	9,032.0	9,210.0
Cement Plug	9,200.0	9,210.0

Zones

Zone Name	Top Depth (ftKB)	Bottom Depth (ftKB)
WARREN::BLNBRY/TUBB/DRKD	0.0	0.0
WARREN::MCKEE	9,060.0	9,139.0
McKee		
SKAGGS::DRINKARD		
WARREN::TUBB		
BLINEBRY::BLINEBRY		

Tubing

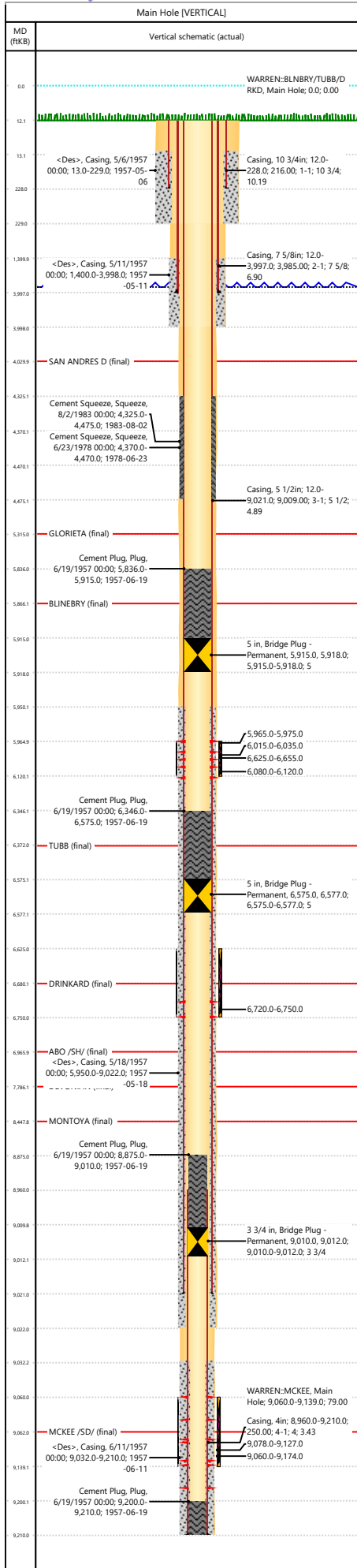
Item Description	OD (in)	ID (in)	Wt (lb/ft)	Grade	Length (ft)	Joints	Top (ftKB)
Tubing	2 7/8	2.44	6.40	J-55	0.00	0	0.0

Other In Hole

Description	OD (in)	ID (in)	Top (ftKB)	Btm (ftKB)	Run Date
Bridge Plug - Permanent	5		5,915.0	5,918.0	9/12/2025 19:04
Bridge Plug - Permanent	5		6,575.0	6,577.0	9/11/2025 19:00
Bridge Plug - Permanent	3 3/4		9,010.0	9,012.0	9/9/2025 18:52

Plunger Lift Systems

Frequ...	Plunge...	Make	Model	OD (in)	Run Date	Comment	Top (...)	Btm...





Semu 059
P&A Procedure

Note: Well was temporarily abandoned September 2025. CIBP set @ 9,010' above McKee perforations. Spot 25 sx cement on CIBP. Tagged TOC @ 8,875'. CIBP set @ 6,675' above Drinkard perforations. CIBP set @ 6,575' above Tubb perforations. Spot 30 sx cement on CIBP. Tagged TOC @ 6,346'. CIBP set @ 5,915' above Blinebry perforations. Dump bailed 4 sx of cement on CIBP. Tagged TOC @ 5,836'. Failed MIT. Abandonment operations include locating and addressing source of leak.

1. MIRU WOR & equipment.
2. ND WH. NU BOP's.
3. Ensure well is dead. Kill well if needed.
4. Run CBL from 5,836' to surface.
Any cement plug above TOC will require perf and squeeze. Reference CBL run.
5. RIH with 2-7/8" workstring and 5-1/2" packer to above CIBP + cement cap at 5,836'.
6. Set packer and pressure test casing and CIBP and cement cap to 500 psi for 30 min. Bubble test.
7. Assuming test is successful, begin series of pressure tests to locate source of casing leak. Pull uphole with test packer and pressure test to 500# for 30 min both above and below packer every 1,000'. Smaller increments may be used once the general area of the leak is known.

Note: Prior cement squeeze interval from 4,325' - 4,475'.

8. Bleed off pressure. Release packer. POOH with tubing and packer.
9. The location of the casing leak may require an additional cement plug or modification to an already proposed cement plug.
10. RIH with workstring to 5,836'. Displace well with gel water.
- 11. Blinebry & Glorieta Plug:**
Spot 90 sx Class C cement on CIBP at 5,836'. WOC 4 hrs. Tag at 5,215' or higher. Record cement plug top.
- 12. Queen, Grayburg, San Andres, Int Shoe & Cement Squeeze Plug:**
Spot 175 sx Class C cement at 4,575'. WOC 4 hrs. Tag at 3,395' or higher. Record cement plug top.



13. B. Salt, Yates & 7 Rivers Plug:

Perforate 5-1/2" casing at 3,025'. Attempt to squeeze. Do not exceed 500 psi. Squeeze 90 sx Class C cement at 3,025' and leave a cement plug from 2,410' – 3,025'. WOC 4 hrs. Tag at 2,410' or higher. Record cement plug top.

14. T. Salt & Rustler Plug:

Perforate 5-1/2" casing at 1,566'. Attempt to squeeze. Do not exceed 500 psi. Squeeze 45 sx Class C cement at 1,566' and leave a cement plug from 1,257' – 1,566'. WOC 4 hrs. Tag at 1,257' or higher. Record cement plug top.

15. Surface Plug:

Perforate 5-1/2" casing at 328'. Attempt to squeeze. Do not exceed 500 psi. Squeeze 50 sx Class C cement at 328'. Circulate cement to surface and top fill. WOC 4 hrs. Bubble test.

16. Cut wellhead and install AGL dry hole marker.

17. RDMO WOR & equipment.

State: New Mexico
County: Lea
Spud Date: 7/2/1957

Maverick Permian LLC
Well: SEMU 059
API# 30-025-07834

PROPOSED P&A WBD
11/6/2025

Surface Casing:
 10 3/4" 32.75# H-40
 Cmt w/ 256 sx to Surf

MD

228'

Intermediate Casing:
 7-5/8" 24# H-40
 Cmt w/ 2,000 sx

Tops obtained from:
 Form 3160-4

Offset well 30-025-42016

- 1,357' RUSTLER
- 1,466' T. SALT
- 2,510' B. SALT
- 2,670' YATES
- 2,925' 7 RIVERS
- 3,495' QUEEN
- 3,790' GRAYBURG
- 4,035' SAN ANDRES
- 5,315' GLORIETA
- 5,645' BLINEBRY
- 6,375' TUBB
- 6,715' DRINKARD
- 7,695' ABO

3,997'

Unable to spot cement on CIBP above Drinkard perforations due to close vicinity of Tubb perforations.

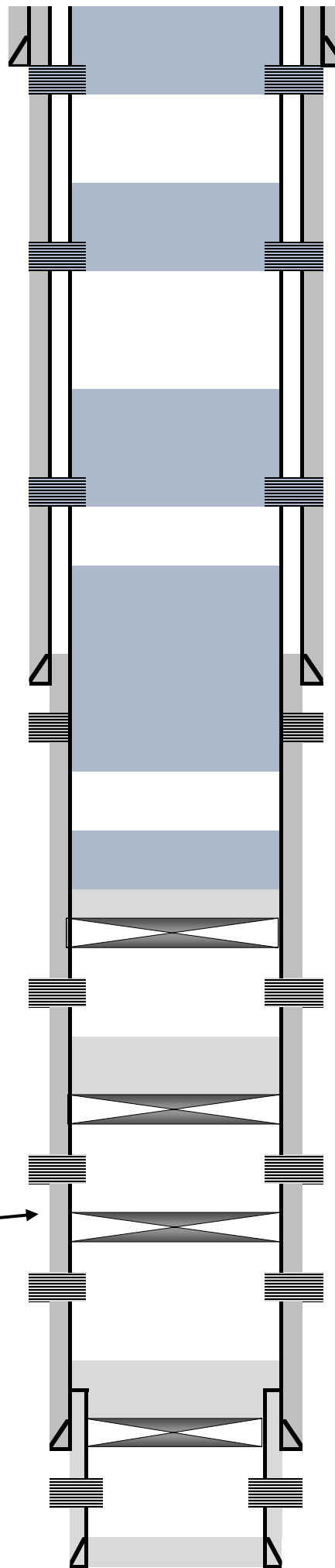
Production Casing:
 5 1/2" 17# J-55
 Cmt w/ 100 sx

8,960'

9,022'

Liner:
 4" 11.34# HYD-251
 TOL @ 8,960'
 Cmt w/ 15 sx

9,210'



MD

328'

1,257'

1,566'

2,410'

3,025'

3,395'

4,325'

4,575'

5,215'

5,836'

5,915'

5,965'

6,346'

6,575'

6,625'

6,675'

6,720'

8,875'

9,010'

9,199'

SURFACE PLUG
 Perf 5 1/2" casing @ 328'
 Attempt sq. DO NOT exceed 500 psi.
 Spot 50 sx of Class C cement @ 328'
 Circ cmt to surface and top fill.

RUSTLER & T. SALT PLUG
 Perf 5 1/2" casing @ 1,566'
 Attempt sq. DO NOT exceed 500 psi.
 Spot 45 sx of Class C cement @ 1,566'
 WOC 4 hrs. Tag and record plug depth.

B. SALT, YATES & 7 RIVERS PLUG
 Perf 5 1/2" casing @ 3,025'
 Attempt sq. DO NOT exceed 500 psi.
 Spot 90 sx of Class C cement @ 3,025'
 WOC 4 hrs. Tag and record plug depth.

QUEEN, GRAYBURG, SAN ANDRES, INT SHOE & CMT SQ PLUG
 Spot 175 sx of Class C cement @ 4,575'
 WOC 4 hrs. Tag and record plug depth.

Prior Cement Squeeze
 4,325' - 4,475'

BLINEBRY & GLORIETA PLUG
 Spot 90 sx of Class C cement @ 5,836'
 WOC 4 hrs. Tag and record plug depth.

TOC @ 5,836'
CIBP @ 5,915'

Blinebry Perforations
 5,965' - 6,120'

TOC @ 6,346'

CIBP @ 6,575'

Tubb Perforations
 6,625' - 6,655'

CIBP @ 6,675'

Drinkard Perforations
 6,720' - 6,750'

TOC @ 8,875'

CIBP @ 9,010'
McKee Perforations
 9,060' - 9,174'

PBT @ 9,199'

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

Well Name: SEMU	Well Location: T20S / R38E / SEC 20 / SWSW / 32.5531247 / -103.1770136	County or Parish/State: LEA / NM
Well Number: 59	Type of Well: INJECTION - ENHANCED RECOVERY	Allottee or Tribe Name:
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Notice of Intent

Sundry ID: 2882075

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**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
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Signed on: NOV 10, 2025 01:01 PM

Name: MAVERICK PERMIAN LLC

Title: Regulatory Analyst

Street Address: 1000 MAIN STREET STE 2900

City: HOUSTON

State: TX

Phone: (832) 589-5181

Email address: AHUSSAIN@DGOC.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

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

Lea County Notification: 575-689-5981

Eddy County Notification: BLM_NM_CFO_PluggingNotifications@BLM.GOV

Secondary Contact: 575-361-2822

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

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Oil Well Gas Well Other

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Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Long Vo



Title

Petroleum Engineer

Date

12-20-2025

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Carlsbad Field Office

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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

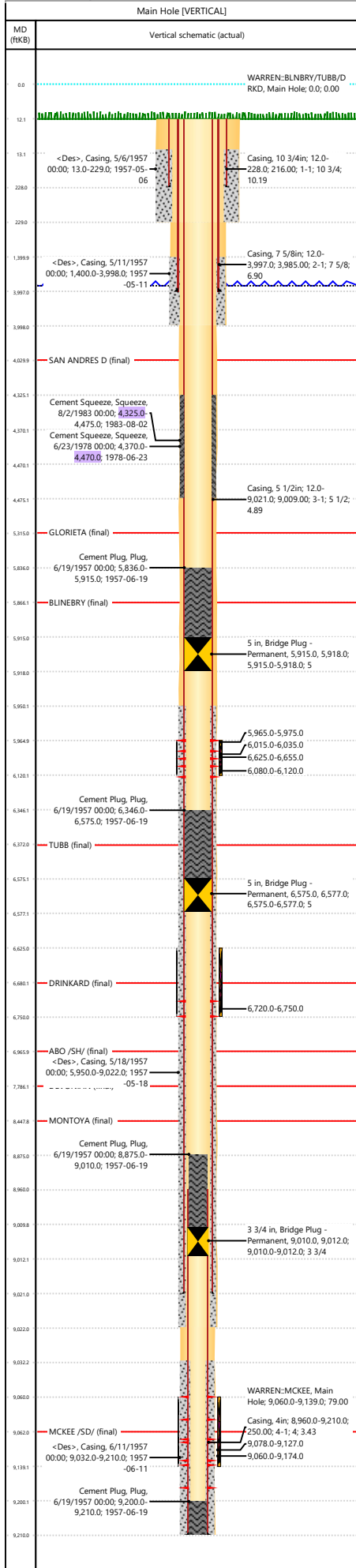
0. SHL: SWSW / 660 FSL / 660 FWL / TWSP: 20S / RANGE: 38E / SECTION: 20 / LAT: 32.5531247 / LONG: -103.1770136 (TVD: 0 feet, MD: 0 feet)

BHL: SWSW / 660 FSL / 660 FWL / TWSP: 20S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)



DIVERSIFIED
energy

Well Information						
Well Name SEMU 059		API/UWI 3002507834		DGOC Well Code 1238134		
County LEA			State/Province NEW MEXICO			
Original KB Elevation (ft) 3,551.00		Ground Elevation (ft) 3,539.00		KB-Ground Distance (ft) 12.00		
Surface Legal Location Sec 20, T-20-S-R38-E			Lat/Long Datum		Latitude (°) 32° 33' 10.944" N	Longitude (°) 103° 10' 35.832" W
Directions To Well						
Casing						
Run Date 5/6/1957 00:00	Casing Description Surface Casing	Set Depth... 228.0	OD (in) 10.752	ID (in) 10.19	Wt (lb/ft) 32.75	Grade H-40
Run Date 5/11/1957 00:00	Casing Description Intermediate Casing	Set Depth... 3,997.0	OD (in) 7.626	ID (in) 6.90	Wt (lb/ft) 24.00	Grade H-40
Run Date 5/18/1957 00:00	Casing Description Intermediate Casing 2	Set Depth... 9,021.0	OD (in) 5 1/2	ID (in) 4.89	Wt (lb/ft) 17.00	Grade J-55
Run Date 6/11/1957 00:00	Casing Description Production Liner	Set Depth... 9,210.0	OD (in) 4	ID (in) 3.43	Wt (lb/ft) 11.34	Grade Hydril-251
Cement						
Description		Top Depth (ftKB)		Bottom Depth (ftKB)		
		13.0		229.0		
Description		Top Depth (ftKB)		Bottom Depth (ftKB)		
		1,400.0		3,998.0		
Description Cement Squeeze		Top Depth (ftKB)		Bottom Depth (ftKB)		
		4,325.0		4,475.0		
Description Cement Squeeze		Top Depth (ftKB)		Bottom Depth (ftKB)		
		4,370.0		4,470.0		
Description Cement		Top Depth (ftKB)		Bottom Depth (ftKB)		
		5,836.0		5,915.0		
Description		Top Depth (ftKB)		Bottom Depth (ftKB)		
		5,950.0		9,022.0		
Description Cement		Top Depth (ftKB)		Bottom Depth (ftKB)		
		6,346.0		6,575.0		
Description Cement		Top Depth (ftKB)		Bottom Depth (ftKB)		
		8,875.0		9,010.0		
Description		Top Depth (ftKB)		Bottom Depth (ftKB)		
		9,032.0		9,210.0		
Description Cement Plug		Top Depth (ftKB)		Bottom Depth (ftKB)		
		9,200.0		9,210.0		
Zones						
Zone Name WARREN::BLNBRY/TUBB/DRKD		Top Depth (ftKB)		Bottom Depth (ftKB)		
		0.0		0.0		
Zone Name WARREN::MCKEE		Top Depth (ftKB)		Bottom Depth (ftKB)		
		9,060.0		9,139.0		
Zone Name McKee		Top Depth (ftKB)		Bottom Depth (ftKB)		
Zone Name SKAGGS::DRINKARD		Top Depth (ftKB)		Bottom Depth (ftKB)		
Zone Name WARREN::TUBB		Top Depth (ftKB)		Bottom Depth (ftKB)		
Zone Name BLINEBRY::BLINEBRY		Top Depth (ftKB)		Bottom Depth (ftKB)		
Tubing						
Item Description Tubing	OD (in) 2 7/8	ID (in) 2.44	Wt (lb/ft) 6.40	Grade J-55	Length (ft) 0.00	Top (ftKB) 0.0
Other In Hole						
Description Bridge Plug - Permanent	OD (in) 5	ID (in)	Top (ftKB) 5,915.0	Btm (ftKB) 5,918.0	Run Date 9/12/2025 19:04	
Description Bridge Plug - Permanent	OD (in) 5	ID (in)	Top (ftKB) 6,575.0	Btm (ftKB) 6,577.0	Run Date 9/11/2025 19:00	
Description Bridge Plug - Permanent	OD (in) 3 3/4	ID (in)	Top (ftKB) 9,010.0	Btm (ftKB) 9,012.0	Run Date 9/9/2025 18:52	
Plunger Lift Systems						
Frequ...	Plunge...	Make	Model	OD (in)	Run Date	Comment





DIVERSIFIED
energy

REVISED

11:25 am, Dec 20, 2025

**Semu 059
P&A Procedure**

Note: Well was temporarily abandoned September 2025. CIBP set @ 9,010' above McKee perforations. Spot 25 sx cement on CIBP. Tagged TOC @ 8,875'. CIBP set @ 6,675' above Drinkard perforations. CIBP set @ 6,575' above Tubb perforations. Spot 30 sx cement on CIBP. Tagged TOC @ 6,346'. CIBP set @ 5,915' above Blinebry perforations. Dump bailed 4 sx of cement on CIBP. Tagged TOC @ 5,836'. Failed MIT. Abandonment operations include locating and addressing source of leak.

1. MIRU WOR & equipment.
2. ND WH. NU BOP's.
3. Ensure well is dead. Kill well if needed.
4. Run CBL from 5,836' to surface.
Any cement plug above TOC will require perf and squeeze. Reference CBL run.
5. RIH with 2-7/8" workstring and 5-1/2" packer to above CIBP + cement cap at 5,836'.
6. Set packer and pressure test casing and CIBP and cement cap to 500 psi for 30 min. Bubble test.
7. Assuming test is successful, begin series of pressure tests to locate source of casing leak. Pull uphole with test packer and pressure test to 500# for 30 min both above and below packer every 1,000'. Smaller increments may be used once the general area of the leak is known.

Note: Prior cement squeeze interval from 4,325' - 4,475'.

8. Bleed off pressure. Release packer. POOH with tubing and packer.
9. The location of the casing leak may require an additional cement plug or modification to an already proposed cement plug.
10. RIH with workstring to 5,836'. Displace well with gel water.
11. **Blinebry & Glorieta Plug:**
Perf at 5836' and 4080'. Establish circulation and set reatiner at 5786'. Squeeze from 5786' to 4080'. 131 sxs Class C. Sting out of retainer and circulate mud on top clean to surface.
12. Spot cement from 5786' to 4325'. WOC and Tag. 145 sxs Class C.
13. **Queen, Grayburg, San Andres, Int Shoe & Cement Squeeze Plug:**
Perf and squeeze from 4325' to 3416'. (In 90 sxs/Out 66 sxs) WOC and Tag.



13. B. Salt, Yates & 7 Rivers Plug:

Perf and squeeze from 2753' to 2499'. WOC and Tag. (In 26 sxs/Out 19 sxs)

14. Surface Plug:

Perf and circulate from 1535' to surface. Verify at surface. 263 sxs Class C.

15. Cut wellhead and install AGL dry hole marker.

16. RDMO WOR & equipment.

REVISED

11:25 am, Dec 20, 2025

State: New Mexico
County: Lea
Spud Date: 7/2/1957

Maverick Permian LLC
Well: SEMU 059
API# 30-025-07834

PROPOSED P&A WBD
11/6/2025

Surface Casing:
 10 3/4" 32.75# H-40
 Cmt w/ 256 sx to Surf

MD
 228'

Intermediate Casing:
 7-5/8" 24# H-40
 Cmt w/ 2,000 sx

Tops obtained from:
 Form 3160-4

Offset well 30-025-42016

- 1,357' RUSTLER
- 1,466' T. SALT *Run CBL from CIBP to surface.
- 2,510' B. SALT
- 2,670' YATES
- 2,925' 7 RIVERS
- 3,495' QUEEN
- 3,790' GRAYBURG
- 4,035' SAN ANDRES
- 5,315' GLORIETA
- 5,645' BLINEBRY
- 6,375' TUBB
- 6,715' DRINKARD
- 7,695' ABO

3,997'

Submit results to BLM.

Start plugging from here

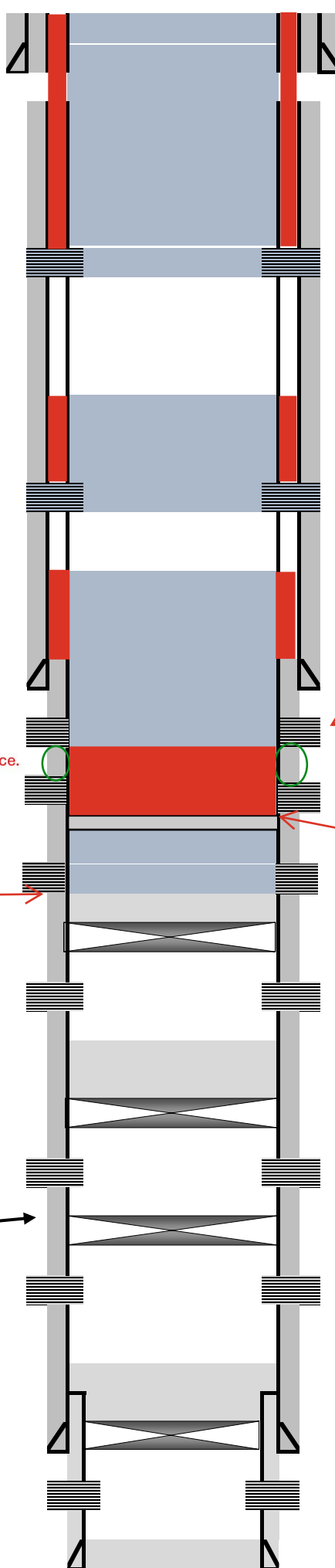
Unable to spot cement on CIBP above Drinkard perforations due to close vicinity of Tubb perforations.

Production Casing:
 5 1/2" 17# J-55
 Cmt w/ 100 sx

8,960'
 9,022'

Liner:
 4" 11.34# HYD-251
 TOL @ 8,960'
 Cmt w/ 15 sx

9,210'



MD

328'

1,257'

1,566'

RUSTLER & T. SALT PLUG
 Perf and circulate from 1535' to surface. Verify at surface. 263 sxs Class C

2,410'

3,025'

B. SALT, YATES & 7 RIVERS PLUG
 Perf Perf and squeeze from 2753' to 2499'. WOC and Tag. (In 26 sxs/Out 19 sxs)

3,395'

Perf and squeeze from 4325' to 3416'. (In 90 sxs/Out 66 sxs) WOC and Tag.

4,325'

Prior Cement Squeeze
 4,325' - 4,475'

4,575'

Perf at 5836' and at 4080'. Establish circulation and set retainer at 5786'. Squeeze from 5786' to 4080'. 131 sxs Class C. Sting out of retainer and circulate mud on top clean to surface.

5,215'

Spot cement from 5786' to 4325'. WOC and Tag. 145 sxs Class C

5,836'

TOC @ 5,836'

5,915'

CIBP @ 5,915'

5,965'

Blinebry Perforations

5,965' - 6,120'

6,346'

TOC @ 6,346'

6,575'

CIBP @ 6,575'

6,625'

Tubb Perforations

6,625' - 6,655'

6,675'

CIBP @ 6,675'

6,720'

Drinkard Perforations

6,720' - 6,750'

8,875'

TOC @ 8,875'

9,010'

CIBP @ 9,010'

McKee Perforations

9,060' - 9,174'

9,199'

PBTD @ 9,199'

REVISED
 11:25 am, Dec 20, 2025

Lesser Prairie Chicken Area

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

**Permanent Abandonment of Federal Wells
Conditions of Approval**

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

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

If you are unable to plug the well by the 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.

Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Lea County, call 575-689-5981. Eddy County, please email notifications to: [BLM NM CFO PluggingNotifications@BLM.GOV](mailto:BLM_NM_CFO_PluggingNotifications@BLM.GOV). The Eddy County inspector on call phone, 575-361-2822, will remain active as a secondary contact.

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

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

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

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

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

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

Above Ground Level Marker: If outside of Lesser Prairie-Chicken Habitat an above ground level marker shall be utilized. All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified *BY PHONE* (numbers listed in 2. Notifications) a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within fourteen (14) calendar days of the well being plugged. If the cut off cannot be done by the 14th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds). A weep hole shall be left if a metal plate is welded in place.

Below Ground Level Marker: If within Lesser Prairie-Chicken Habitat a below ground level marker shall be utilized. All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified *BY PHONE* (numbers listed in 2. Notifications) a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within fourteen (14) calendar days of the well being plugged. If the cut off cannot be done by the 14th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing. The following information shall be permanently inscribed on the plate: well name and number, name of operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

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

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

Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file via the AFMSS 2 WISx Module a Subsequent Report of Plugging and Abandonment to BLM. Please include the following information:

- 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.
- The final copy of CBL.
- Any email correspondence regarding changes to originally approved procedure.
- Show date well was plugged.

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

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

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

From March 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



In Reply Refer To: 1310

Reclamation Objectives and Procedures

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

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

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

The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

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

Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and

access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

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

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

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

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

Angela Mohle
Environmental Protection Specialist
575-234-9226

Robert Duenas
Environmental Protection Specialist
575-234-2229

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

Sundry ID		2882075					
Plug Type	Top	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify			
10.75 inch- Shoe Plug	176.71	279.00	102.29	Tag/Verify			
Top of Salt @ 1485	1420.15	1535.00	114.85	Tag/Verify	263.00	C	Perf and circulate from 1535-surface. Verify at surface.
Base of Salt @ 2575	2499.25	2625.00	125.75	Tag/Verify			
Yates @ 2703	2625.97	2753.00	127.03	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	45.00	C	Perf and squeeze from 2753' to 2499'. WOC and Tag. (In 26 sxs/Out 19 sxs)
Queen @ 3502	3416.98	3552.00	135.02	If solid			
7.625 inch- Shoe Plug	3908.02	4048.00	139.98	Tag/Verify			
San Andres @ 4030	3939.70	4080.00	140.30	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	156.00	C	Perf and squeeze from cement from 4325' to 3416'. WOC and Tag. (In 90 sxs/Out 66 sxs)
Glorieta @ 5315	5211.85	5365.00	153.15	If solid			
5.5 inch- Shoe Plug	5727.64	5886.00	158.36	Tag/Verify	276.00	C	TIH and tag top of cement. Run CBL to confirm cement. Perf at top of tag at 5836' and 4080'. Establish inject and set retainer to squeeze from 5836' to 4080'. Spot cement on top of retainer to 4325'. WOC and Tag.

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 ft³/sx
Class H: 1.06 ft³/sx

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

Cave Karst/Potash Cement Requirement:

Wild Life

10.75 inch- Shoe Plug @
7.625 inch- Shoe Plug @
5.5 inch- Shoe Plug @

Low

Within Lesser Prairie Chicken Area

229.00
3998.00
5836.00 TOC @ (4325-

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 556744

CONDITIONS

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 556744
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	Adhere to current Plug & Abandon (P&A) Conditions Of Approvals (COA).	3/3/2026
gcordero	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	3/3/2026
gcordero	Submit Cement Bond Logs (CBL) prior to submittal of C-103P.	3/3/2026