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Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB
No. 1004-0137 Expires
December 31, 2024

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

2. Name of Operator Marshall & Winston, Inc. for Cano Petroleum of New Mexico, Inc.

3a. Address P.O. Box 50880
Midland, TX 79710

3b. Phone No. (include area code)
(432) 684-6373

4. Location of Well (Footage, Sec., T. R. M., or Survey Description)
1980' FSL 1980' FEL, NWSE 29-8S-30E

7. If Unit of CA/Agreement, Name and/or No.
NMNM82050X

8. Well Name and No. Cato San Andres Unit #157

9. API Well No. 30-005-20162

10. Field and Pool or Exploratory Area
San Andres - Cato Unit

11. Country or Parish, State
Chaves/NM

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

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

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be 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 recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Re: Notice 22RRF02001

See Conditions of Approval

2nd set of four wells.

Second set of four wells of the twelve wells to be plugged for Cano Petroleum of New Mexico, Inc. through end of year 2023.

Marshall & Winston, Inc. respectfully requests permission to plug and abandon this well as follows:

1. Place CIBP at 3193' (50'-100' above top perf) with minimum of 25 sx of Class C cement on top. WOC and TAG.
2. Place a balanced Class C cement plug from 1500'-900' to seal the Yates and Salt formations.
3. Perf at 350' and squeeze Class C cement to surface to seal the 8-5/8" casing shoe.
4. Place Dry hole marker below ground.
5. Complete Surface Reclamation once well bore has been plugged, contact rflores@blm.gov for additional information.

Notify BLM-Roswell (575) 622-5335 24 hours prior to commencing pluggin operations.

| | |
|--|--------------------|
| 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Todd Passmore | Operations Manager |
| | Title |
| Signature | Date 06/13/2022 |

THE SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|--------------------|------------|
| Approved by | Petroleum Engineer | 08/16/2022 |
| | 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 | RFO |

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)

Plug And Abandonment Procedure

Cato San Andres Unit 157

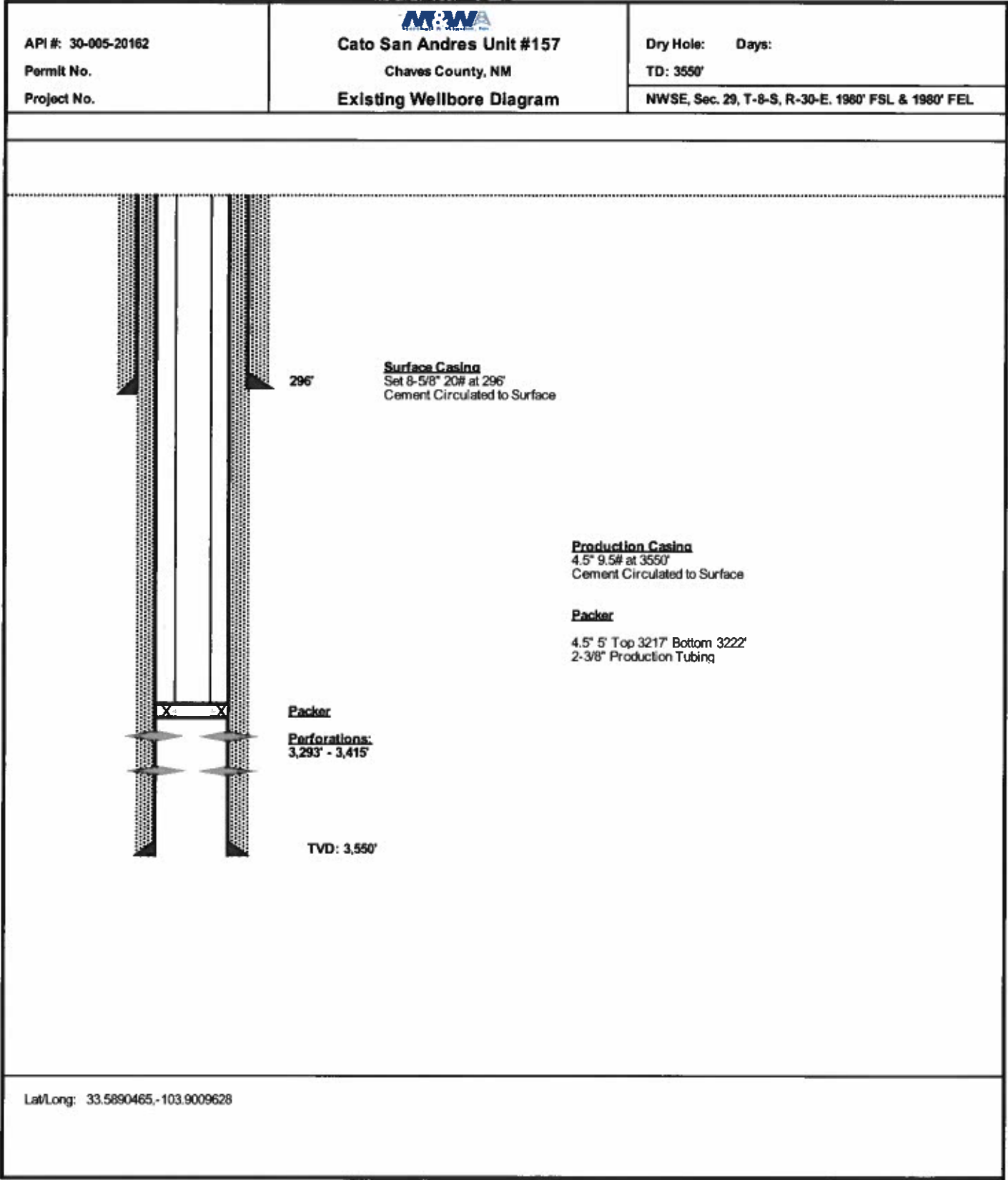
1980' FSL & 1980' FEL, Section 29, T 8S, R 30E

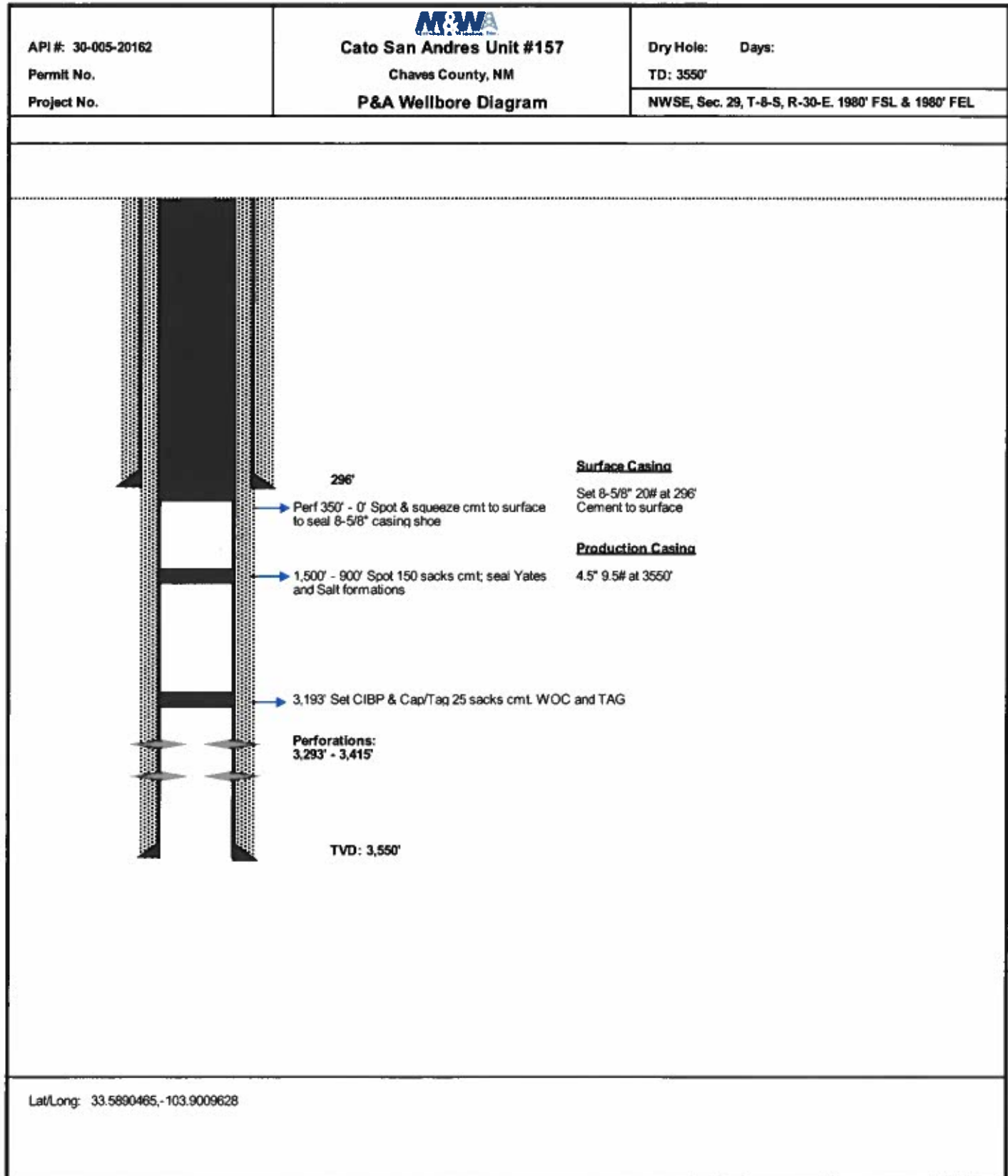
Chaves County, NM / API 30-005- 20162

Marshall & Winston, Inc. respectfully requests permission to plug and abandon this well as follows:

1. Place CIBP at 3193' (50'-100' above top perf) with minimum of 25 sx of Class C cement on top. WOC and TAG.
2. Place a balanced Class C cement plug from 1,500' – 900' to seal the Yates and Salt formations.
3. Perf at 350' and squeeze Class C cement to surface to seal the 8-5/8" casing shoe.
4. Place Dry hole marker below ground.
- 5, Complete Surface Reclamation once well bore has been plugged, contact rflores@blm.gov for additional information_

Notify BLM-Roswell (575) 622-5335 24 hours prior to commencing plugging operations





**Cato San Andres Unit 157
30-005-20162
Marshall & Winstons, Inc.
August 16, 2022
Conditions of Approval**

- 1. Operator shall place CIBP at 3,193' (50'-100' above top most perf) and place a minimum of 25 sx of Class C cement on top. WOC and TAG.**
- 2. Operator shall place a balanced class C cement plug from 1500'-900' to seal the Yates and Salt formations.**
- 3. Operator shall perf at 350' and squeeze class c cement to surface to seal the 8-5/8" casing shoe.**
- 4. Dry hole marker must be below ground.**
- 5. Surface reclamation will need to be completed once the well bore has been plugged. Please contact rflores@blm.gov for additional information.**
- 6. See Attached for general plugging stipulations.**

JAM 08162022

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 W. Second Street
Roswell, New Mexico 88201
575-627-0272

General Requirements for Plug Backs

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 this approval.

If you are unable to plug back 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 back. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. Call 575-627-0205.

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 **brine** 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.

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.

Before pumping 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.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back 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 work was completed.**

7. **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.

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 338553

CONDITIONS

| | |
|--|---|
| Operator: MARSHALL & WINSTON INC P.O. Box 50880 Midland, TX 79710 | OGRID: 14187 |
| | Action Number: 338553 |
| | Action Type: [C-103] NOI Plug & Abandon (C-103F) |

CONDITIONS

| Created By | Condition | Condition Date |
|-------------|--|----------------|
| loren.diede | During OCDs review it was determined that these wells were plugged without OCD approval. Per 19.15.7.9 NMAC operators are required to obtain OCD approval even for federal minerals. The OCD approves the plugging of the well, but OCD may still investigate compliance actions due to the work being done without approval | 10/9/2024 |