

Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

**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. **NMNM-0403706**

6. If Indian, Allottee or Tribe Name

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

7. If Unit of CA/Agreement, Name and/or No. **NMNM-82050X**

1. Type of Well

Oil Well  Gas Well  Other **INJECTION**

8. Well Name and No. **CATO SAN ANDRES UNIT #019**

2. Name of Operator **OXY USA INC.**

9. API Well No. **30-005-20013**

3a. Address **PO BOX 4294  
HOUSTON, TX 77210**

3b. Phone No. (include area code)  
**(972) 404-3722**

10. Field and Pool or Exploratory Area  
**CATO; SAN ANDRES**

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  
**660 FNL, 660 FEL, UNIT A, SEC 10, T8S R30E**

11. Country or Parish, State  
**CHAVES**

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 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 performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or 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 determined that the site is ready for final inspection.)

PLEASE SEE ATTACHED CURRENT WELLBORE, PROPOSED WELLBORE, AND PROPOSED PLUGGING PROCEDURE.

Accepted for Record Only **SUBJECT TO LIKE APPROVAL BY BLM**

*X7*

**NMOCD 7/12/22**

See Conditions of Approval

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

Title **REGULATORY ENGINEER**

Signature

*Stephen Janacek*

Date

**07/06/2022**

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

Approved by

Title **Petroleum Engineer**

Date **07/07/2022**

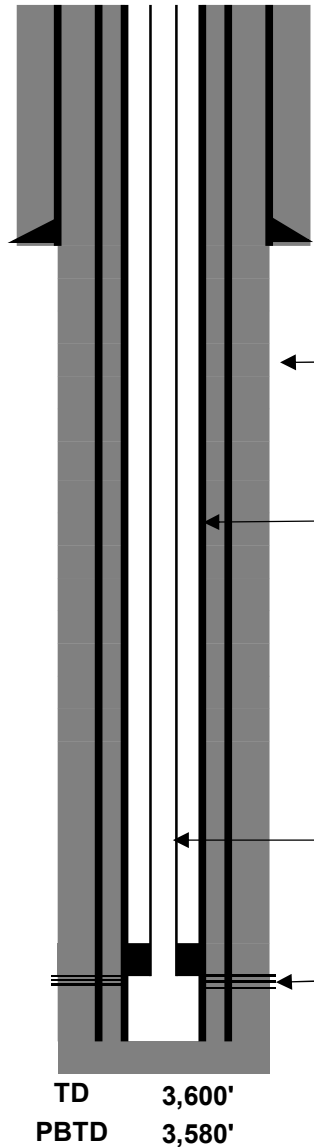
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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)

**Current**  
**Cato San Andreas Unit # 19**  
**API # 3000520013**  
**Surf Lat 33.63969**  
**Surf Long -103.86022**



Surface Casing  
11 in. hole @ 467 '  
8 1/2 in. casing @ 467 '  
w/ 300 sx cement TOC- Surf-Circ

Production Casing  
7 7/8 in. hole @ 3600 '  
4 1/2 in. casing @ 3600 '  
w/ 800 sx cement TOC- Surface

Liner  
4 1/2 in. hole @ 3580 '  
3 1/2 in. casing @ 3580 '  
w/ 200 sx cement TOC- Surf. Calc.

Tubing  
Packer Depth @ 3224 '  
Tubign Size 2 1/16 in.

[10540] Cato; San Andreas Perfs  
Top 3,308'  
Bottom 3,530'

TD 3,600'  
PBD 3,580'

Proposed  
Cato San Andreas Unit # 19  
API # 3000520013

Surf Lat 33.63969  
Surf Long -103.86022

Perf and circulate to surface @60'

Bottom@60'

Spot 10 sx surface casing shoe plug.

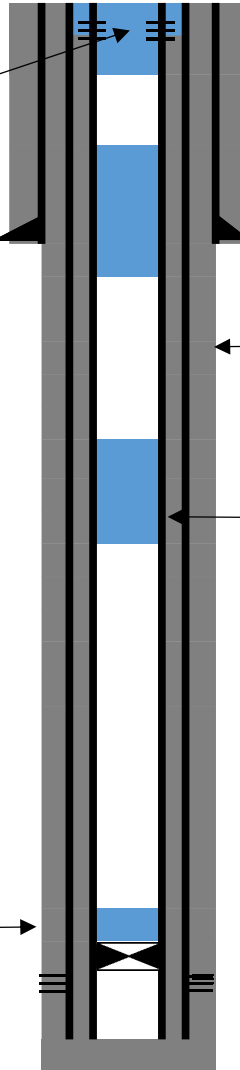
10 SXS Class C  
Top@317'  
Bottom@617'

Yates balance 10 sxs plug.

10 SXS Class C  
Top@1340'  
bottom@1640'

Set CIBP and dump bail 5 sx CI C  
cement. WOC and tag.

3,258'



Surface Casing  
11 in. hole @ 467 '  
8 1/2 in. casing @ 467 '  
w/ 300 sx cement TOC- Surf-Circ

Production Casing  
7 7/8 in. hole @ 3600 '  
4 1/2 in. casing @ 3600 '  
w/ 800 sx cement TOC- Surface

Liner  
4 1/2 in. hole @ 3580 '  
3 1/2 in. casing @ 3580 '  
w/ 200 sx cement TOC- Surf. Calc.

Yates top @ 1490'

[10540] Cato; San Andreas Perfs  
Top 3,308'  
Bottom 3,530'

TD 3,600'  
PBD 3,580'

## Notice of Intent to PA- Procedure

API # 3000520013

Oxy USA Inc.

10# MLF between plugs. Utilize above ground steel tanks.

1. SET CIBP @ 3258ft. DUMP 5 SX CLASS C CMT. WOC AND TAG
2. Balance Plug @ 1640ft. SPOT 10 SXS IN CSG. WOC AND TAG
3. Surface csg. shoe balance plug @ 617ft. SPOT 10 SXS IN CSG. WOC AND TAG
4. Surface P&S @ 60ft. ATTEMPT TO P&S, CIRCULATE TO SURFACE.

**Cato San Andres Unit 19  
30-005-20013  
Oxy USA Incorporated  
July 07, 2022  
Conditions of Approval**

- 1. Operator shall place CIBP at 3,258' (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 1,640'-1,340' as proposed to seal the Yates formation. Yates formation top at 1,490' must be isolated.**
- 3. Operator shall perf at 617' and squeeze cement to 317' to seal the 8-5/8" casing shoe. WOC and TAG. Casing shoe at 467'. Must tag minimum of 50' above shoe.**
- 4. Operator shall perf at 60' and squeeze cement to surface.**
- 5. Dry hole marker must be below ground.**
- 6. Surface reclamation will need to be completed once the well bore has been plugged. Please contact [rflores@blm.gov](mailto:rflores@blm.gov) for additional information.**
- 7. See Attached for general plugging stipulations.**

**JAM 07072022**

**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 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged 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**

COMMENTS

Action 123524

**COMMENTS**

|  |   |
|--|---|
| Operator:<br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>16696                                     |
|  | Action Number:<br>123524                            |
|  | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

**COMMENTS**

| Created By | Comment       | Comment Date |
|------------|---------------|--------------|
| plmartinez | DATA ENTRY PM | 7/12/2022    |

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CONDITIONS

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|  | Action Number:<br>123524                            |
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**CONDITIONS**

| Created By | Condition              | Condition Date |
|------------|------------------------|----------------|
| kfortner   | Like approval from BLM | 7/12/2022      |