

Well Name: CATO SAN ANDRES UNIT	Well Location: T8S / R30E / SEC 14 / NWSW / 33.6179328 / -103.8562423	County or Parish/State: CHAVES / NM
Well Number: 110	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0177517	Unit or CA Name: CATO SAN ANDRES UNIT	Unit or CA Number: NMNM082050X
US Well Number: 3000520015	Well Status: Oil Well Shut In	Operator: CANO PETRO OF NEW MEXICO INC

Accepted for record –NMOCD gc10/11/2023

Notice of Intent

Sundry ID: 2753181

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 09/26/2023	Time Sundry Submitted: 07:58
Date proposed operation will begin: 09/30/2023	

Procedure Description: See attached sundry

Surface Disturbance

Is any additional surface disturbance proposed?: No

Oral Submission

Oral Notification Date:	Sep 22, 2023	Oral Notification Time:	12:00 AM
Contacted By:	Stephen Janacek	Contact's Email:	stephen_janacek@oxy.com

NOI Attachments

Procedure Description

CATO_SAN_ANDRES_UNIT_110_P_A_SUNDRY_20230926075741.pdf

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Conditions of Approval

Specialist Review

CATO_SAN_ANDRES_UNIT_110_P_A_SUNDRY_20230926085141.pdf

BLM Point of Contact

BLM POC Name: ZOTA M STEVENS

BLM POC Phone: 5752345998

Disposition: Approved

Signature: Zota Stevens

BLM POC Title: Petroleum Engineer

BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition Date: 09/26/2023

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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

8. Well Name and No. CATO SAN ANDRES UNIT #110

2. Name of Operator OXY USA INC.

9. API Well No. 30-005-20015

3a. Address PO BOX 4294
HOUSTON, TX 772103b. Phone No. (include area code)
(972) 404-372210. Field and Pool or Exploratory Area
CATO; SAN ANDRES4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980 FSL, 660 FWL, UNIT L, SEC 14, T8S R30E11. 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 recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Oxy has rigged down off the subject well on 6/30/23. Casing damage was encountered at 452'-470' and the workstring appeared to be outside of the casing.

Oxy proposes a new PA plan and will run a different BHA to get past the casing damage. See attached current wellbore, proposed wellbore, and plugging plan.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
STEPHEN JANACEKTitle
REGULATORY ENGINEER

Signature



Date

09/22/2023

THE SPACE FOR FEDERAL OR STATE OFFICE 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.

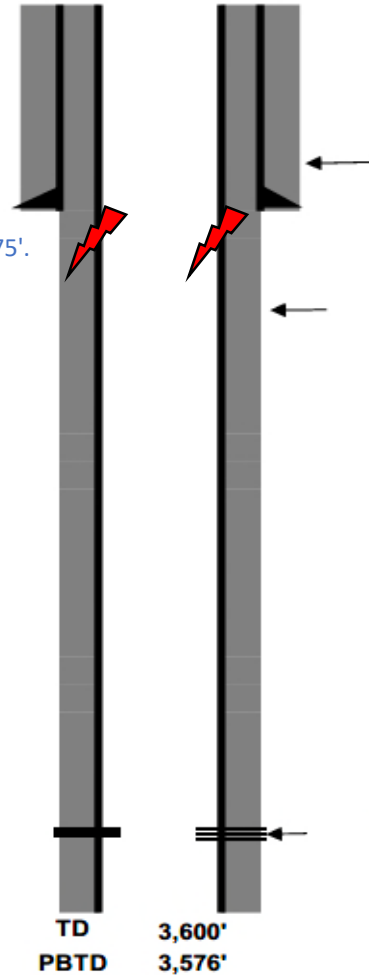
Office

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)

Cato San Andreas Unit # 110**API # 3000520015****Surf Lat 33.61793
Surf Long -103.85624****Current 9.20.2023**

CSG DMG 452'-575'.



Surface Casing
11 in. hole @ 450 '
8 5/8 in. casing @ 450 '
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

[10540] Cato; San Andreas Perfs
Top 3,512'
Bottom 3,559'

Cato San Andreas Unit # 110
API # 3000520015

Proposed 9.20.2023

Surf Lat 33.61793
Surf Long -103.85624

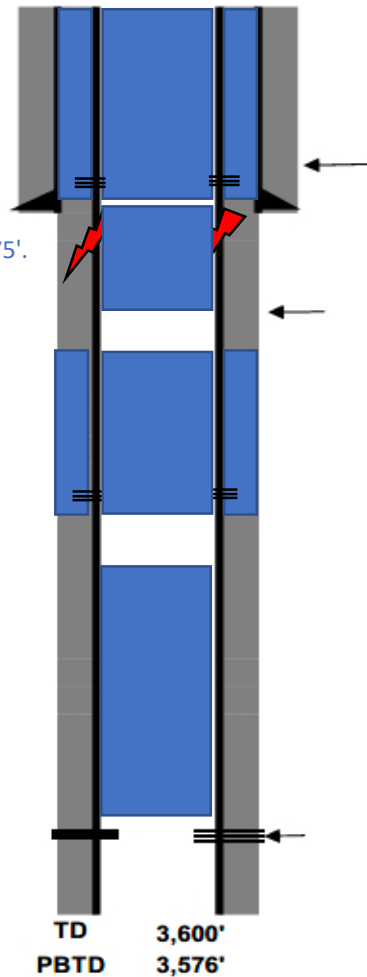
PERF AT 400'. CIRC CMT TO
SURFACE.

CSG DMG 452'-575'.

SPOT 25 SX CMT 800' TO 400'.
WOC AND TAG.

PERF AT 1550'. SQZ 150 SX CMT
TO 950'. WOC AND TAG.

SPOT 60 SX CMT 3462'-2559'.
WOC AND TAG.



Surface Casing
11 in. hole @ 450 '
8 5/8 in. casing @ 450 '
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

[10540] Cato; San Andreas Perfs
Top 3,512'
Bottom 3,559'

TD 3,600'
PBD 3,576'

PROCEDURE- SECOND PA ATTEMPT

CSAU 110

30-005-20015

9/20/2023

Proposed Procedure

1. Rig up on well.
2. RIH with tubing. Work through bad casing 444' – 575' with different bottom hole assemblies.
3. Spot 60 sx cmt 3462' to 2559'. WOC and tag.
4. Set packer at 400'. Perf csg at 1550'. Sqz 150 sx cmt to 950'. WOC and tag.
5. Spot 25 sx cmt 800' to 400'. WOC and tag.
6. Perf at 400'. Circulate cmt to surface.

Revised P&A Procedure

1. Rig up on well.
2. RIH with tubing. Work through bad casing 444' – 575' with different bottom hole assemblies.
3. Spot 60 sx cmt 3462' to 2559'. **WOC and Tag.**
4. Perf and Sqz from 1590' to 950'. **WOC and Tag.**
5. Spot 25 sx cmt 800' to 400'. WOC and tag.
6. Perf at 400'. Circulate cmt to surface.

**BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 W. 2nd Street
Roswell, New Mexico 88201
575-622-5335**

**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.

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 575-393-3612.

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. 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.

6. Dry Hole Marker: 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 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.**

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).

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.

Surface reclamation will need to be completed once the wellbore has been plugged. Please contact rflores@blm.gov for additional information.

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 269238

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 269238
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	10/11/2023