

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-0444628**

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

8. Well Name and No. **CATO SAN ANDRES UNIT #112**

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

9. API Well No. **30-005-20016**

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)
1980 FNL, 1980 FEL, UNIT J, SEC 14, 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 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 checked="" 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 recomplate 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 detennined that the site is ready for final inspection.)

PLEASE SEE ATTACHED FINAL WELLBORE DIAGRAM AND PA JOB SUMMARY.

Accepted for Record - contact Rick Flores at rflores@blm.gov for reclamation.

Accepted for record – NMOCD
JRH 05/04/2023

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
SARAH MCKINNEY

REGULATORY ANALYST SR.
Title

Signature

Date

11/09/2022

Accepted for Record

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

JENNIFER SANCHEZ

Digitally signed by JENNIFER SANCHEZ
Date: 2022.11.17 07:24:44 -07'00'

Petroleum Engineer
Title

11/17/2022
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)

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 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

CASU 112

30-005-20016

Final PA Report 10/19/22-10/28/22

10-19-22: Crew HTGSM. Road Equipment to location. Spot in Base Beam & PU. R/U PU. Remove PR. 0 PSI on TBG & CSG. Attempt to Un-seat Pump & No Luck. B/O Rods & parted on rod subs. Install TIW Valve. Close all Valves. SION

10-20-22: Crew HTGSM. Function Test BOPE. NDWH. Attempt to pull TBG slips & wouldn't move. Pulled 50 points & 4-1/2 CSG begin to move. Attempt to work free & no luck. NUWH. R/U CMT Pump Truck. Close all Valves. SION

10-24-22: Crew HTGSM. 0 PSI on TBG & CSG. Cont to strip TBG & Rods out of well. L/D 97 JT's total & 123 Rods. RIH w/ AD1 PKR & 10 JT's. Set PKR. Secure Well. SION

10-25-22: Crew HTGSM. 0 PSI on TBG & CSG. Release AD1 PKR. Cont to strip out Rods & TBG. RIH w/ RBP & 10 Jt's of TBG to 315'. Set RBP. Circulated well w/ 10 BBL of BW. L/D TBG. ND BOPE. Welder repair 4-1/2 CSG. NU BOPE. RIH w/ 10 Jt's. Release RBP. POOH w/ TBG. R/U WL. RIH w/ 3-3/4 Gauge Ring to 1852'. Tag up. POOH w/ WL & RD. Close BOPE. SION

10-26-22: Crew HTGSM. 0 PSI on CSG. RIH w/ 3-3/4 Taper Mile & 110 JT's of WS TBG to 3455'. POOH w/ WS TBG & Mill. R/U WL. RIH w/ 3-3/4 Gauge Ring to 3455'. POOH w/ Gauge Ring. RIH w/ 4.5 CIBP to 3447'. POOH w/ WL. R/D WL. RIH w/ 110 JT's of TBG to 3447'. Install TIW Valve. Close BOPE. SION

10-27-22: Crew HTGMS. 0 PSI on TBG & CSG. Circulated well w/ 70 BBL's of BW @ 2 BPM @ 500 PSI. Pump 32 BBL's of 10# Plug Mud & 6 BBL's (25 sxs) of Class C CMT & Displaced w/ 12 BBL' of Plug Mud. POOH w/ TBG. RIH w/ AD1 PKR to 1726'. WOC. PSI test bottom plug to 500 PSI. POOH w/ AD1 PKR. RIH w/ 96 Jt's of TBG. Tag TOC @ 3033'. L/D 42 Jts of TBG to 1726'. Spot 12 BBL's (50 sxs) of Class C CMT & Dispalced w/ 3.7 BBL of 10# Plug Mud to 980'. POOH w/ TBG to 470. Install TIW Valve. Close BOPE & Lock Pins. SION

10-28-22: Crew HTGSM. 0 PSI on TBG & CSG. RIH w/ 34 Jt's of TBG. Tag TOC @ 1063'. POOH w/ TBG. L/D 18 JT's of WS TBG. RIH AD1 PKR & 16 JT's of TBG to 503'. Set PKR. R/U wireline. RIH w/ Perf Gun. Perforate CSG @ 520'. POOH w/ WL & RD. Est Injection Rate @ 2 BPM @ 300 PSI w/ 10 BBL's of FW. Pump 54 BBL's (225 sxs) of Class C CMT to surface. Release PKR. Pump 12 BBL's (50 sxs) of Class C CMT to surface inside 4.5 CSG. L//D 16 Jt's of TBG & PKR. ND BOPE & NU WH. R/D PU. R/D remaining plugging equipment. Well is Plugged.

Final Wellbore Diagram 11/09/22
Cato San Andreas Unit # 112
API # 3000520016

Surf Lat 33.61795
Surf Long -103.84753

PUMP 50SX CLASS C CMT TO
SURFACE INSIDE 4 1/2" . VERIFY
CMT TO SURF.

Surface Casing
11 in. hole @ 470 '
8 5/8 in. casing @ 470 '
w/ 300 sx cement TOC- Surf-Circ

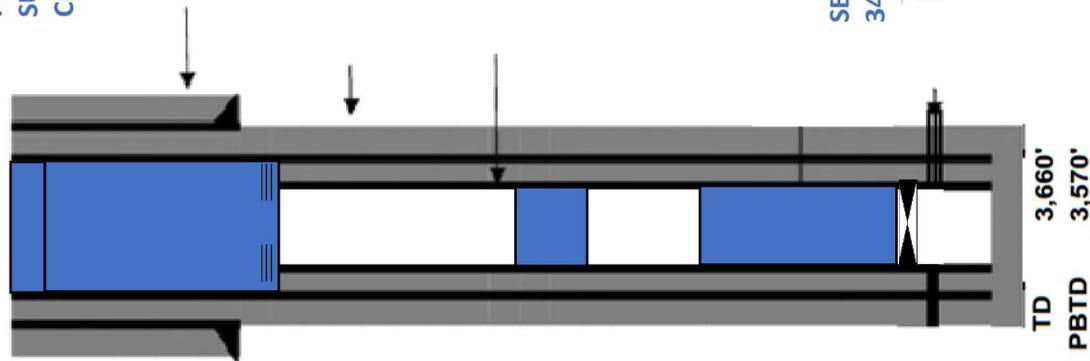
Production Casing
7 7/8 in. hole @ 3660 '
4 1/2 in. casing @ 3660 '
w/ 800 sx cement TOC- Surface

PERF@ 520'. SQZ 225 SX CL C CMT
520'-0'.

50 SX CL C CMT 1063'-1726'. (tag)

SET CIBP @ 3447'. 25 SX CL C CMT
3447'-3033' (TAG).

[10540] Cato; San Andreas Perfs
Top 3,497'
Bottom 3,544'



TD 3,660'
PBTD 3,570'

CASU 112
30-005-20016
Final PA Report 10/19/22-10/28/22

10-19-22: Crew HTGSM. Road Equipment to location. Spot in Base Beam & PU. R/U PU. Remove PR. 0 PSI on TBG & CSG. Attempt to Un-seat Pump & No Luck. B/O Rods & parted on rod subs. Install TIW Valve. Close all Valves. SION

10-20-22: Crew HTGSM. Function Test BOPE. NDWH. Attempt to pull TBG slips & wouldn't move. Pulled 50 points & 4-1/2 CSG begin to move. Attempt to work free & no luck. NUWH. R/U CMT Pump Truck. Close all Valves. SION

10-24-22: Crew HTGSM. 0 PSI on TBG & CSG. Cont to strip TBG & Rods out of well. L/D 97 JT's total & 123 Rods. RIH w/ AD1 PKR & 10 JT's. Set PKR. Secure Well. SION

10-25-22: Crew HTGSM. 0 PSI on TBG & CSG. Release AD1 PKR. Cont to strip out Rods & TBG. RIH w/ RBP & 10 Jt's of TBG to 315'. Set RBP. Circulated well w/ 10 BBL of BW. L/D TBG. ND BOPE. Welder repair 4-1/2 CSG. NU BOPE. RIH w/ 10 Jt's. Release RBP. POOH w/ TBG. R/U WL. RIH w/ 3-3/4 Gauge Ring to 1852'. Tag up. POOH w/ WL & RD. Close BOPE. SION

10-26-22: Crew HTGSM. 0 PSI on CSG. RIH w/ 3-3/4 Taper Mile & 110 JT's of WS TBG to 3455'. POOH w/ WS TBG & Mill. R/U WL. RIH w/ 3-3/4 Gauge Ring to 3455'. POOH w/ Gauge Ring. RIH w/ 4.5 CIBP to 3447'. POOH w/ WL. R/D WL. RIH w/ 110 JT's of TBG to 3447'. Install TIW Valve. Close BOPE. SION

10-27-22: Crew HTGMS. 0 PSI on TBG & CSG. Circulated well w/ 70 BBL's of BW @ 2 BPM @ 500 PSI. Pump 32 BBL's of 10# Plug Mud & 6 BBL's (25 sxs) of Class C CMT & Displaced w/ 12 BBL' of Plug Mud. POOH w/ TBG. RIH w/ AD1 PKR to 1726'. WOC. PSI test bottom plug to 500 PSI. POOH w/ AD1 PKR. RIH w/ 96 Jt's of TBG. Tag TOC @ 3033'. L/D 42 Jts of TBG to 1726'. Spot 12 BBL's (50 sxs) of Class C CMT & Dispalced w/ 3.7 BBL of 10# Plug Mud to 980'. POOH w/ TBG to 470. Install TIW Valve. Close BOPE & Lock Pins. SION

10-28-22: Crew HTGSM. 0 PSI on TBG & CSG. RIH w/ 34 Jt's of TBG. Tag TOC @ 1063'. POOH w/ TBG. L/D 18 JT's of WS TBG. RIH AD1 PKR & 16 JT's of TBG to 503'. Set PKR. R/U wireline. RIH w/ Perf Gun. Perforate CSG @ 520'. POOH w/ WL & RD. Est Injection Rate @ 2 BPM @ 300 PSI w/ 10 BBL's of FW. Pump 54 BBL's (225 sxs) of Class C CMT to surface. Release PKR. Pump 12 BBL's (50 sxs) of Class C CMT to surface inside 4.5 CSG. L/D 16 Jt's of TBG & PKR. ND BOPE & NU WH. R/D PU. R/D remaining plugging equipment. Well is Plugged.

Final Wellbore Diagram 11/09/22

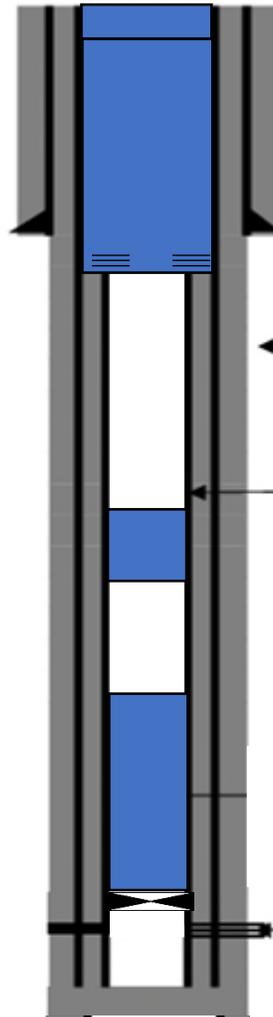
Cato San Andreas Unit # 112

API # 3000520016

Surf Lat 33.61795
Surf Long -103.84753

PERF@ 520'. SQZ 225 SX CL C CMT
520'-0'.

50 SX CL C CMT 1063'-1726'. (tag)



PUMP 50SX CLASS C CMT TO
SURFACE INSIDE 4 1/2". VERIFY
CMT TO SURF.

Surface Casing
11 in. hole @ 470 '
8 5/8 in. casing @ 470 '
w/ 300 sx cement TOC- Surf-Circ

Production Casing
7 7/8 in. hole @ 3660 '
4 1/2 in. casing @ 3660 '
w/ 800 sx cement TOC- Surface

SET CIBP @ 3447'. 25 SX CL C CMT
3447'-3033' (TAG).

[10540] Cato; San Andreas Perfs
Top 3,497'
Bottom 3,544'

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 177475

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 177475
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/4/2023