

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. **NMNM-0177517**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator **OXY USA INC.**3a. Address **PO BOX 4294
HOUSTON, TX 77210**3b. Phone No. (include area code)
(972) 404-37224. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980 FSL, 660 FWL, UNIT L, SEC 14, T8S R30E

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

8. Well Name and No. **CATO SAN ANDRES UNIT #110**9. API Well No. **30-005-20015**10. Field and Pool or Exploratory Area
CATO; SAN ANDRES11. 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 recompleate 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 recompleation 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 rigged up on the subject well again on 9/27/23. The multiple attempts were made to get past the casing damage previously encountered. The max depth reached was 798', but Red Bed formation kept falling into the hole and the workstring would stick. The top plug was placed and circulated to surface.

See attached PA Job Summary and Final Wellbore Diagram.

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

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

Signature



Date

12/19/2023**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title **Petroleum Engineer**Date **01/12/2024**

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)

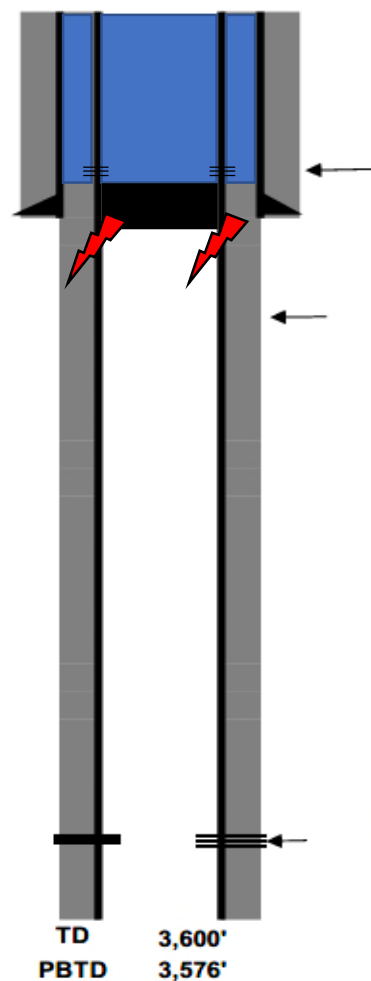
Cato San Andreas Unit # 110
API # 3000520015

Surf Lat 33.61793
Surf Long -103.85624

FINAL WELLBORE 12.19.2023

Set CICR at 400'. Could not est
rate into CICR. Perf at 395'.
Circulate 135 sx cmt from 395' to
surface.

CSG DMG 452'-470'. Red Bed
formation falling into hole from
475'-580'. Could not make more
hole.



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 ANDRES UNIT #110**30-005-20015****PA JOB SUMMARY REPORT.****FINAL SUMMARY**

MISU & RU. ND WH & NU BOPE. RIH w/ Bit & tag up @ 447'. RIH w/ washpipe & TBG. Able to wash down to 798'. Attempted several time and could not make any more hole. Left for Bravo Dome. Returned and ran bit & taper mill. Continued to fight redbed from 475'- 580'. Couldn't make any more hole. Oxy management & BLM approval to plug well. Set **CMT Retainer @ 400'. Perf CSG @ 395'**. **Circulated 32 BBLs (135 sxs) of Class C CMT to surface & 4-1/2 CSG.** RDSU & all plugging equipment. Well is plugged

Day 23**10/11/2023**

Crew HTGSM. Discuss hand & finger placement. Operator set COFO. 0 PSI on CSG. RIH w/ stinger & 13 JTs of TBG. Sting into CMT retainer. Est Rate & PSI up to 1500 PSI @ .5 BPM. Could not est rate. Sting out of CMT Retainer. PSI Test CSG to 300 PSI. Contact BLM for approval to perf above retainer. L/D WS TBG. R/U Wireline. RIH w/ 1-9/16" Perf gun. Tag CMT retainer @ 400'. Perforate CSG @ 395'. POOH w/ Wireline. Est Injection & circulated well w/ 10 BBLs out of surface CSG. ND BOPE & NU WH. Pump 32 BBLs (135 sxs) of Class C CMT & circulated out of surface. Rig down pulling unit & all plugging equipment. Secure Location.

Day 22**10/10/2023**

Crew HTGSM. Discuss Hand & Finger Placement. Set COFO. 0 PSI on CSG. RIH w/ 3-1/2 Bit & RIH w/ TBG. Tag up @ 458'. R/U Power Swivel. Clean out wellbore to 572'. TBG begin to stick. R/D Power Swivel. Crew conduct BOPE closing drill. POOH w/ TBG & Bit. R/U Wireline. RIH w/ 4-1/2 CMT Retainer. Set @ 400'. POOH w/ Wireline & RD. Close BOPE & Lock Pins. Close all valves. Secure Location

Day 21**10/9/2023**

Crew HTGSM. Discuss Hand & Finger Placement. Rig Operator Set COFO & verified. 0 PSI on CSG. RIH w/ 3-1/4 Bit & WS TBG. Tag up @ 452'. R/U Power Swivel. Cleaned out wellbore down to 552'. Had to work from 478' to 552' wellbore cont to stick TBG. Swiveled back up to 478'. Install TIW Valve. Close BOPE & Lock Pins. Close all valves. Secure Location. SION

Day 20**10/6/2023**

Crew HTGSM. Discuss Hand & Finger Placement. Set COFO & verify properly working. Begin to clean out wellbore from 458' to 565'. Had to work TBG from 525' to 565'. Would lose hole. Cont.' to work TBG. R/D Swivel. POOH w/ TBG. Bottom 2 JTs & Taper mill caked w/ red bed around them. Close BOPE & Lock Pins. Close all valves. Secure Location

Day 19**10/5/2023**

Crew HTGSM. Discuss Hand & Finger Placement. Operator Set COFO. 0 PSI on TBG & CSG. POOH w/ WS TBG & Mill. Un-plug Mill. RIH w/ 3-7/8" Mill & 15 JTs of TBG to 483'. R/U Power Swivel. Circulated well w/ red bed mud mixture w/ 100# of starch. Clean out wellbore down to 583'. Begin to lose hole. Worked

TBG from 525' to 555'. TBG begin to stick. Severe red-bed in returns and out of cellar. Pulled up to 458'. Close BOPE & Lock Pins. Close all valves. SION

Day 18
10/4/2023

Crew HTGSM. 0 PSI on TBG & CSG. Circulated well w/ 60 BBLs w/ MF55. POOH w/ TBG & Mill. RIH w/ 3-3/4 Taper Mill & TBG. Tag up @ 412'. R/U Power Swivel. Begin to clean out wellbore down to 610'. Circulated well w/ 100 BBLs of red bed mud mixture. TBG begin to plug off. Swiveled TBG up to 491'. Close BOPE & Lock Pins. Close all valves. Secure Location

Day 17
10/3/2023

Crew HTGSM. 0 PSI on TBG & CSG. Begin to clean out wellbore from 583' to 586'. Lost circulation from around wellhead. TBG begin to PSI up to 400 PSI. Circulated for 1-1/2 hrs & cellar begin to fill w/ red bed. TBG PSI dropped to 50 PSI. Cold call for hydro-vac. 3-4 hour out. Close BOPE & Lock Pins. Close all valves. Secure Location. SION

Day 16
10/2/2023

Crew held safety stand down @ Key yard in Hobbs. Travel to location. Crew HTGSM. 0 PSI on TBG & CSG. R/U Power Swivel. Tag up @ 383'. Cleaned out wellbore to 585' w/ 18 JTs. Begin to lighting around location. Circulated well clean. Close BOPE & Lock Pins. Close all valves. Secure Location

Day 15
9/29/2023

Crew HTGSM. Discuss Hand & Finger placement. 0 PSI on CSG. RIH w/ 3-1/2 mill & 10 JTs of TBG. Tag up @ 332'. L/D 2 JTs. Derrick hand came down and then went back up to latch TBG stand wasn't tied off and rode stand into derrick. Was able to come down safely without any injuries. Oxy management and safety notified and Key management notified. Stand down occurred on location

Day 14
9/28/2023

Crew HTGSM. 0 PSI on CSG. Spot in WS TBG. RIH w/ 3-1/2 rock bit & pick up WS TBG. Tag up @ 382'. R/U Power Swivel. Broke bridge @ 382'. Tag up @ 430'. Cleaned down 450' & lost circulation. Feel freely to 615'. Begin drilling on metal to 620'. TBG begin to hang up. Swiveled TBG up to 552'. R/D Power Swivel. POOH w/ TBG & Bit. Close BOPE & Lock Pins. Close all valves. Secure Location. SION

Day 13
9/27/2023

Road rig to location. Spot in & rig up pulling unit. Function Test BOPE. 0 PSI on CSG. ND WH & NU BOPE. R/U Plugging equipment. Secure Location

Day 12
6/29/2023

Crew HTGSM. 0 PSI on TBG & CSG. Work through bad spot from 452' to 460'. Feel through to 520'. Washed down to 584'. Begin to lose hole having to work tubing up and down. Rig down Swivel. Lay

down WS TBG & Washpipe & Drill Collars. Found piece of CSG inside shoe. Close BOPE & Lock Pins. Secure Location

Day 11

6/28/2023

Crew HTGSM. 0 PSI on TBG & CSG. Rig up Swivel. Work through bad spot from 452'-470'. RIH w/ TBG to 460'. Reamed CSG from 670' to 770'. Cleaned down to 798'. Bit not making any more hole. Rig down Swivel. POOH w/ TBG & Blade Bit. RIH w/ 3-3/4 Shoe & 2 JTs of Washpipe & 12 JTs of TBG. Tag up @ 452'. Rig up Swivel. Work through to 458'. Close BOPE & Lock Pins. Close all Valves. SION

Day 10

6/27/2023

Crew HTGSM. 0 PSI on TBG & CSG. Rig up Swivel. Work through bad spot from 452'-470'. RIH w/ TBG to 520'. Reamed out to 622'. Cleaned out wellbore to 770'. Power Swivel air compressor went out. Rig down Swivel. POOH w/ TBG to 450'. SION

Day 9

6/26/2023

Crew HTGSM. 0 PSI on TBG & CSG. POOH w/ 3-1/4 Taper Mill. RIH w/ 3-1/4 Blade Bit & TBG. Tag up @ 452'. Rig up Power Swivel. Work through bad spot to 470'. Tag up @ 520'. Remeaded down to 570'. Clean out rebed to 622'. POOH w/ TBG to 450'. Close BOPE & Lock Pins. Close all Valves. SION

Day 8

6/24/2023

Crew HTGSM. 0 PSI on CSG. RIH w/ 3-1/4 Taper Mill & 14 JTs of TBG. Tag Bad Spot @ 455'. Rig up Power Swivel. Work through bad spot 470'. Tag up @ 547'. Clean out to 575'. POOH w/ TBG to 450'. Close BOPE & Lock Pins. Secure Location

Day 7

6/23/2023

Crew HTGSM. 0 PSI on TBG & CSG. Clean out CSG from 466' to 492'. POOH w/ Taper Mill. RIH w/ 3-1/4 Taper Mill. Clean out from 492' to 547'. Sever Red-Bed in returns. Begin to lose hole. POOH w/ TBG to 460'. Close BOPE & Lock Pins. Close all Valves. SION

Day 6

6/22/2023

Crew HTGSM. 0 PSI on CSG. RIH w/ 14 Jts of TBG to 450'. Rig up Wireline. RIH w/ Camera. Found damaged CSG from 452'-455'. POOH w/ Wireline & rig down. RIH w/ 3-7/8 Taper Mill, 4 Drill Collars & 10 JTs of TBG to 456'. Rig up Power Swivel. Dress off CSG from 457' - 466'. Circulated well clean. Close BOPE & Lock Pins. Close all Valves. Secure Location. SION

Day 5

6/21/2023

Crew HTGSM. 0 PSI on TBG & CSG. Rig up Power Swivel. Clean out from 455' to 472'. Circulated well clean. Rig down swivel. POOH w/ TBG & Washpipe & Mill. Noticed wear marks on bottom 16' of washpipe. Close BOPE & Lock Pins. Close all Valves. Secure Location

Day 4

6/20/2023

Crew HTGSM. 0 PSI on TBG & CSG. Rig up Power Swivel. Clean out from 454'. to 455.5' w/ taper mill. Circulate well clean. Rig down Swivel. POOH w/ TBG & Taper Mill. RIH w/ 3-7/8 Texas Pattern Shoe & 2 JTs of Washpipe. RIH w/ TBG. Tag up @ 450'. Wash down to 455'. Circulate well clean. Rig down Swivel. Close BOPE & Lock Pins. Close all Valves. SION

Day 3

6/19/2023

Crew HTGSM. 0 PSI on CSG. RIH w/ 3-7/8 Shoe & 8 Jts of Washpipe. Tag up @ 449'. Rig up power swivel. Wash down 3' to 452'. Would torque up when light weight was applied. Metal in returns. Rig down Swivel. POOH w/ TBG & Washpipe. RIH w/ 3-7/8 Taper Mill & TBG. Tag up 452'. R/U Swivel. Clean down to 455'. Circulate well clean. Rig down Swivel. Close BOPE & Lock Pins. Close all Valves. SION

Day 2

6/16/2023

Crew HTGSM. Function Test BOPE. 0 PSI on CSG. ND WH & NU BOPE. Spot in pipe racks, cat walk & 132 JTs of WS TBG. RIH w/ 3-3/4 Bit, 4 drill collars, & 10 JTs of TBG. Tag up @ 444'. Rotate TBG w/ tongs & fell 5' to 449'. Tagging Solid. POOH w/ TBG & Drill Collars. Close BOPE & Lock Pins. Close all Valves. SION

Day 1

6/15/2023

Crew Road Rig to Location. Spot in Base Beam & Pulling Unit. Rig up pulling unit & plugging equipment. Secure Location. SION

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 466575

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 466575
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	6/2/2025