

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-0403706**

6. If Indian, Allottee or Tribe Name

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐2. Name of Operator **OXY USA INC.**3a. Address **PO BOX 4294  
HOUSTON, TX 77210**3b. Phone No. (include area code)  
**(972) 404-3722**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1980 FNL, 660 FEL, UNIT H, SEC 10, T8S R30E**7. If Unit of CA/Agreement, Name and/or No.  
**NMNM-82050X**8. Well Name and No. **CATO SAN ANDRES UNIT #029**9. API Well No. **30-005-10473**10. Field and Pool or Exploratory Area  
**CATO; SAN ANDRES**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 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 determined that the site is ready for final inspection.)

PLEASE SEE ATTACHED FINAL WELLBORE AND PA JOB SUMMARY.

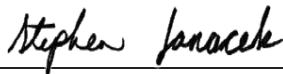
Accepted for Record - contact Rick Flores at rflores@blm.gov for reclamation.

Accepted for record – NMOCD

JRH 05/03/2023

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

Signature

Date **Submitted 10/19/2022**  
~~07/06/2022~~

Accepted for Record

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

Approved by

Title **Petroleum Engineer**Date **10/19/2022**

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)

## 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

Final Wellbore as of 10/19/22 SCJ  
Cato San Andreas Unit # 29  
API # 3000510473

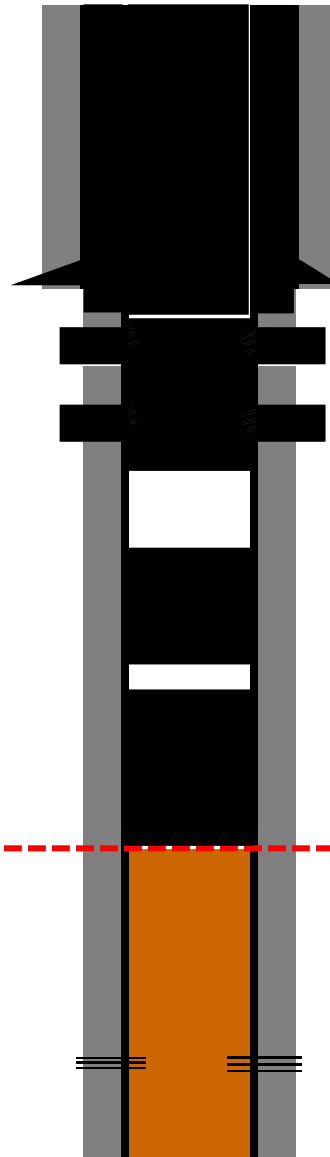
Surf Lat 33.63607  
Surf Long -103.86028

**SPOT 25 SX THEN SQZ 25 SX CL C  
CMT 877'-500'. TAG AT 515'.**

8/26/22- Parted casing found  
with camera 560'-563'

Possible casing damage  
752' - 760'

~2073'- Deepest depth  
reached on 9/14/22.



**PERF AT 500'. SQZ 155 SX CL C  
CMT 500'-SURFACE.  
CIRCULATED CMT TO  
SURFACE.**

Surface Casing

11 in. hole @ 452'

8 5/8 in. casing @ 452'  
w/ 300 sx cement TOC- Surf-Circ

Production Casing

7 7/8 in. hole @ 3700'

4 1/2 in. casing @ 3700'

8/29/22 CBL ran. TOC at 428'.

**25 CL C CMT 1603'-1015'.  
TAGGED AT 1015'.**

**25 SX CL C CMT 2073'-1689'.  
Tagged at 1603'**

**[10540] Cato; San Andreas Perfs  
Top 3,344'  
Bottom 3,444'**

TD 3,700'  
PBTD 3,470'

CSAU -29 (30-005-10473)

PA Job Summary 8/16/22-9/19/22

Date	Daily Summary
8/16/2022	Crew HTGSM. Road Rig & all Equipment to Location. Spot in Equipment. R/U Pulling Unit. R/U all other equipment. Function Test BOPE. 0 PSI on CSG. ND WH & NU BOPE. R/U Key Wireline. RIH w/ 3.75 Gauge Ring & Tag up @ 636'. 3 attempts & same results. POOH w/ WL & R/D. Close BOPE & Lock Pins. SION
8/18/2022	Crew HTGSM. 0 PSI on CSG. RIH w/ 3-3/4 BIT & 20 Jt's of TBG. Tag @ 628'. Work TBG down w/ 3 Jt's to 723'. R/U CMT Truck. Pump 35 BBL's of BW @ 1.5 BPM. Well went on vacuum. R/D Pump Truck. POOH w/ TBG & Bit.(Parafin inside Bit & Bit Sub. Cleaned out.) RIH w/ 3-3/4 Bit & 18 JT's of TBG to 566'. Close BOPE & SION
8/19/2022	0 PSI on TBG & CSG. R/U Power Swivel. Begin to wash down from 598'-723'. Attempt to work down pass 723' & no Luck. Bit bouncing around & torque up. RD Power Swivel. POOH w/ TBG & Bit. One cone missing from bit. RIH w/ Magnet & 23 JT's of TBG. POOH w/ TBG & Magnet. No Luck. RIH w/ Magnet & Bit. Pump 15 BBL's of BW down TBG @ 1200 PSI & attempt to wash down. POOH w/ TBG & Magnet & No Luck. Secure BOPE & Locks Pins. Close all Valves. SION
8/22/2022	Crew HTGSM. 0 PSI on CSG. P/U 3-3/4 Shoe w/ 6-3-1/8 Drill Collars & 18 JT's of TBG. R/U Power Swivel. Begin to Mill on CSG from 717'-732'. Red-Bed in returns.Circulate Well Clean. R/D Power Swivel. POOH W/ TBG & DC's & Shoe. Found 1.92' by 1-3/4 piece of junk in Shoe. RIH w/ Impression Block & 24 JT' of TBG to 732'. POOH w/ Impression Block. Close BOPE & Lock Pins. Close all Valves. SION
8/23/2022	Crew HTGSM. 0 PSI on CSG. RIH w/ 3-3/4 Shoe & 6 DC's. POOH w/ DC's & Shoe. Crew conduct BOPE Closing Drill. Decision made to run 1 Jt of Washpipe. RIH w/ 3-3/4 Shoe, 1 Jt of 3-3/4 Washpipe & 6-3-1/8 DC's & 11 Jt's of 2-3/8 WS TBG to 568'. Install TIW Valve. Secure BOPE & Lock Pins. SION
8/24/2022	Crew HTGSM. 0 PSI on TBG & CSG. RIH w/ 7 Jt's of TBG. Tag up @ 722'. R/U Power Swivel. Begin to clean out fill. Made only 6 inches. Red-Bed in returns. Circulate well clean. R/D Power Swivel. POOH w/ TBG, DC's & 1 Jt of Washpipe w/ Shoe. RIH w/ 3-3/4 Cone Buster Mill w/ 6-3-1/8 DC's & 18 Jt's of TBG. R/U Power Swivel. Tag fill @ 722'. Clean out fill to 732'. Red-Bed in returns. Couldn't make any more footage. Circulate well clean. R/D Power Swivel. POOH w/ 6 Jt's of TBG. Install TIW Valve. Close BOPE & Lock Pins. Close all Valves. SION
8/25/2022	Crew HTGSM. 0 PSI on TBG & CSG. RIH w/ 6 JTs of TBG. Tag @ 729'. R/U Power Swivel. Attempt to make footage & no luck. R/D Swivel. POOH w/ TBG & DC & Mill. RIH w/ 3-3/4 Shoe w/ 2 flapper valves & 12 JT's of TBG & Bulldog Bailer & 12 JT's of TBG. Tag @ 726'. Worked down to 729'. POOH w/ TBG & Bailer. Found small amount of fill/formation in bottom JT. 4 attempts more & same results. Close BOPE & Lock Pins. Close all Valves. SION
8/26/2022	Crew HTGSM. 0 PSI on CSG. RIH w/ 24 JT's of TBG. Tag @ 730'. Circulated well w/ 30 BBL's of FW. POOH w/ TBG. R/U WL. RIH w/ Camera. Pick up damaged CSG @ 561'. Cont in hole w/ Camera. 588-608' Images became blurry. POOH w/ WL. RD WL. RIH w/ 18 Jt's of TBG. Tag up @ 561'. L/D 2 JT's of TBG to 492'. R/U WL. RIH w/ Camera. Picked up parted CSG @ 561'. POOH w/ WL & RD. POOH w/ TBG. Secure BOPE. SION
8/29/2022	Crew HTGSM. 0 PSI on CSG. R/U R7 Wireline. Ran CMT Bond Log Tools in hole. Tag up @ 530'. Ran Log to surface. Top of CMT @ 428'. 4-1/2 Clear to surface. R/D WL. Secure BOPE & Lock pins. SION
8/31/2022	Crew HTGSM. 0 PSI on CSG. RIH w/ 3-3/4 Taper Mill & 18 JT's of TBG. Tag up @ 550'. R/U Power Swivel. Work pass tight spot to 560'. Mill on CSG from 560'-563. Begin to work down to 1090' w/ 32 Jt's of TBG. Circulate well clean R/D Power Swivel. Install TIW Valve. Close BOPE & Lock Pins. SION
9/1/2022	Crew HTGSM. 0 PSI on TBG & CSG. R/U Power Swivel. Begin to clean out junk/fill from 1090 to 1114'. TBG begin to PSI when would sit down weight. R/D Power Swivel. EOT @ 1098'. R/U WL. RIH w/ Camera. Could not pass 1098'. 3 attempts and Camera would not pass through. POOH w/ Camera. R/D WL. Install TIW Valve. Close BOPE & Lock pins. Close all valves.

9/2/2022	Crew HTGSM. 0 PSI on TBG & CSG. POOH w/ TBG & Taper Mill. RIH w/ Cone Buster Mill & 18 Jt's of TBG. Tag up @ 560'. R/U Swivel. Work Mill from 560-563'. P/U 2 JT's & went in freely. R/D Swivel. RIH w/ 5 JT's of TBG & tag up @ 752'. R/U Power Swivel. Work Mill slowly through tight spot from 754' to 760'. P/U 2 JT went through freely. R/D Swivel. RIH & Tag up @ 850'. R/U Swivel. Work TBG down to 943'. R/D Swivel. Install TIW Valve. Close BOPE. SION
9/6/2022	Crew HTGSM. 0 PSI on TBG & CSG. R/U Power Swivel. Begin to rotate and work down TBG from 940' to 1250' w/ 40 Jt's in well. Circulated well clean. Install TIW Valve. Secure BOPE & lock pins. SION
9/7/2022	Crew HTGSM. 0 PSI on TBG & CSG. R/U Power Swivel. Begin to clean out fill from 1250' w/ JT 42. Cleaned out to 1670' w/ 10' in on JT 54. Returns were sludge base material- fine red-bed formation. Circulated well clean. R/D Power Swivel. L/D 21 JT's to 1003'. Secure BOPE & Well. SION
9/8/2022	Crew HTGSM. 0 PSI on TBG & CSG. POOH w/ TBG & Cone Buster Mill. RIH w/ 3-5/8 Metal Muncher Mill & 18 JT's of TBG to 560'. Work Mill through bad spot. Cont in hole w/ Mill to 752'. R/U Power Swivel. Begin to work through bad spot & TBG plugged off. R/D Swivel. POOH w/ TBG & Mill. Clean out Mill. RIH w/ Mill & 18 Jt's. Work Pass Bad Spot to 752'. R/U Power Swivel. Work through Bad spot from 752' to 760'. Cont to work TBG down w/ swivel to 1103' w/ 35 Jt's in well. Circulated well clean. R/D Swivel. SION
9/9/2022	Crew HTGSM. 0 PSI on TBG & CSG. R/U Power Swivel. Work TBG down w/ Swivel from 1103' to 1670'. Begin to clean out wellbore from 1670' to 1696'. Returns thick red base sludge material. Circulated well clean. R/D Power Swivel. L/D 1 JT of TBG to 1660'. Install TIW Valve. Close BOPE & Lock Pins. SION
9/12/2022	Crew HTGSM. 0 PSI on TBG & CSG. R/U Power Swivel. Clean out from 1690' to 1712'. Returns small amount of formation red bed material. Circulated well clean. R/D Power Swivel. POOH w/ 3 Jt's to 1596'. Install TIW Valve. Close BOPE & SION
9/13/2022	Crew HTGSM. 0 PSI on TBG & CSG. R/U Power Swivel & P/U 3 JT's of TBG. Clean out wellbore from 1712' to 1720'. Returns are formation red bed material. R/D Power Swivel. L/D 3 Jt's of TBG. Crew conduct BOPE Closing Drill. Secure BOPE. SION
9/14/2022	Crew HTGSM. 0 PSI on TBG & CSG. P/U Power Swivel 3 JT's of TBG. Begin to Clean out wellbore from 1720' to 1722'. Feel through & P/U 13 JT's of TBG w/ Power Swivel to 2073'. Did not make anymore footage. Circulated well clean. R/D Power Swivel. R/U Key CMT Truck. Circulated well w/ 40 BBL's of BW & 22 BBL's of 10# Plug Mud @ 2 BPM @ 350 PSI. Bulk Truck Air hose popped. Secure BOPE & Close all Valves. SION
9/15/2022	Crew HTGSM. 0 PSI on TBG & CSG. Pump 6 BBL's of Class C CMT (25 SXS) & Displaced w/ 1 BBL of FW w/ 5 BBL's of BW. L/D 15 Jt's of TBG. Reverse Circulate well w/ 10 BBL's of BW. L/D 5 Jt's of TBG to 1412'. WOC. R/U Power Swivel. P/U 6 Jt's of TBG & Tag TOC @ 1603'. R/D Power Swivel. R/U CMT Pump Truck. Pump 6 BBL's of Class C CMT (25 SXS) @ 1.5 BPM @ 350 PSI. L/D 20 Jt's of TBG to 976'. Circulated well w/ 40 BBL's of BW. Secure BOPE & SION
9/16/2022	Crew HTGSM. 0 PSI on TBG & CSG. R/U Power Swivel. P/U 3 Jt's of TBG & Tag @ 1015'. R/D Power Swivel. L/D 4 Jt's of TBG to 877'. R/U CMT Pump Truck. Pump 2 BBL's of FW w/ 6 BBL's of Class C CMT (25 sxs) & Displaced TBG w/ 1 BBL of FW & 1 BBL of BW. R/D CMT Truck. POOH w/ 16 Jt's of TBG. (TBG Parted, Left 16 Jt's of TBG in well). Contacted BLM. Ok to Proceed. R/U CMT Pump Truck. Pump 6 BBL's of Class C CMT (25 sxs) & Displaced CSG w/ 7.5 BBL's of FW to 500' @ 500 PSI. SITP 350 PSI. Close BOPE & Lock Pins. SION
9/19/2022	Crew HTGSM. 0 PSI on CSG. RIH w/ 16 JT's of TBG. Tag TOC @ 515'. L/D WS TBG & Drill Collars. R/U Key Wireline. RIH w/ 1-9/16" Perf Gun. Tag TOC @ 515'. Perforate CSG @ 500' w/ 4 shots @ .25 hole @ 2 grams per shot @ 12" penetration. POOH w/ WL & RD. R/U CMT Truck. Est. Injection Rate @ 2.5 BPM @ 150 PSI w/ 10 BBL's full circulation. ND BOPE & NUWH. Pump 155 sxs (37 BBL's) of Class C CMT @ 2.5 BPM @ 150 PSI. CMT Circulated to surface. R/D PU. R/D equipment. Top off 4.5" CSG to surface. Well is Plugged. SION

Final Wellbore as of 10/19/22 SCJ  
Cato San Andreas Unit # 29  
API # 3000510473

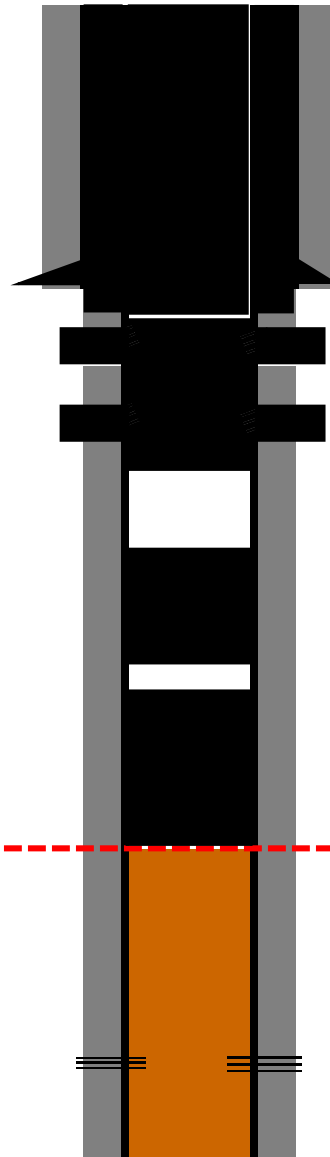
Surf Lat 33.63607  
Surf Long -103.86028

**SPOT 25 SX THEN SQZ 25 SX CL C  
CMT 877'-500'. TAG AT 515'.**

8/26/22- Parted casing found  
with camera 560'-563'

Possible casing damage  
752' - 760'

~2073'- Deepest depth  
reached on 9/14/22.



TD 3,700'  
PBD 3,470'

**PERF AT 500'. SQZ 155 SX CL C  
CMT 500'-SURFACE.  
CIRCULATED CMT TO  
SURFACE.**

Surface Casing

11 in. hole @ 452'

8 5/8 in. casing @ 452'  
w/ 300 sx cement TOC- Surf-Circ

Production Casing

7 7/8 in. hole @ 3700'

4 1/2 in. casing @ 3700'

8/29/22 CBL ran. TOC at 428'.

**25 CL C CMT 1603'-1015'.  
TAGGED AT 1015'.**

**25 SX CL C CMT 2073'-1689'.  
Tagged at 1603'**

[10540] Cato; San Andreas Perfs  
Top 3,344'  
Bottom 3,444'

**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 152077

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 152077
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/3/2023