

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-0254700**

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) 404-37227. If Unit of CA/Agreement, Name and/or No.
NMNM-82050X8. Well Name and No. **CATO SAN ANDRES UNIT #052**9. API Well No. **30-005-20009**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660 FSL, 660 FWL, UNIT M, SEC 12, T8S R30E10. 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 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 USA INC. PROPOSES TO RE-ENTER AND PERMANENTLY ABANDON THE WELLBORE AFTER PLUGS WERE SET BY DRAKE WELL SERVICE INC. PER NMOCD APPROVAL ON 6/27/22-6/30/22.

THE DRAKE SUBSEQUENT REPORT, CURRENT WELLBORE, PROPOSED WELLBORE, AND PLUGGING PROCEDURE ARE ATTACHED.

The BLM grants Oxy USA Inc. approval to re-enter this wellbore in an attempt to plug the well properly. The well was plugged in error by the State of New Mexico. BLM and OXY determined re-entering it and attempting to add more plugs would be the best choice of action in this situation.

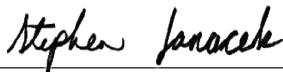
Original conditions of approval for the plugging will be followed as close as possible given the situation.

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

Accepted for record – NMOCD

JRH **3/23/23**

Signature



Date

02/08/2023**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title **Petroleum Engineer**Date **02/08/2023**

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)

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-005-20009
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Cano Petro of New Mexico, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102		7. Lease Name or Unit Agreement Name Cato San Andres Unit
4. Well Location Unit Letter <u>M</u> <u>660</u> feet from the <u>S</u> line and <u>660</u> feet from the <u>W</u> line Section <u>12</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>		8. Well Number <u>052</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4175		9. OGRID Number 330485
		10. Pool name or Wildcat Cato; San Andres

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☒
 CASING/CEMENT JOB ☐
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

NMOCD plugged well according to attached EOW report and plugged WBD.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Drake McCulloch TITLE Authorized Representative DATE 7/6/22

Type or print name Drake McCulloch E-mail address: drake@dwsrigs.com PHONE: 505 320 1180

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #052

660' FSL & 660' FWL, Section 12, T8S, R30E

Chaves County, NM / API 30-005-20009

Work Summary:

- 6/24/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 6/27/22** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Secured and shut-in well for the day.
- 6/28/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 4 ½" casing scraper and work string and TIH to a depth of 32' where casing scraper tagged up and could not make any further progress down wellbore. TOOH. P/U mule shoe sub, TIH and tagged up at 681'. R/U power swivel. Drilled down to 690' and could not make any further progress. Waited on NMOCD on how to proceed. NMOCD requested to start cementing operations at 681'. R/U cementing services: Pumped plug #1 from 681'-307' to cover the San Andres perforations and formation top and Yates and Rustler formation tops. TOOH. WOC 4 hours. TIH and tagged plug #1 top at 535'. R/U cementing services. Circulated wellbore with 20 bbls of fresh water. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 533'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 533' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 ½" production casing through perforations at 533' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL.

6/30/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Dug-out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in the 8-5/8" surface casing annulus. Ran weighted tally tape down 4 1/2" production casing and tagged cement 31' down. Ran 3/4" poly pipe down 4 1/2" production casing. R/U cementing services. Topped-off well with 6 sx of cement. Installed subsurface P&A marker per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back filled P&A marker. R/D and MOL.

Plug Summary:

Plug #1:(San Andres Perforations and Formation Top, Yates and Rustler Formation Tops, Surface Casing Shoe 681'-Surface, 218 Sacks Type III Cement(6 sx for Top-Off))

Pumped plug #1 from 681'-307' to cover the San Andres perforations and formation top and Yates and Rustler formation tops. TOOH. WOC 4 hours. TIH and tagged plug #1 top at 535'. R/U cementing services. Circulated wellbore with 20 bbls of fresh water. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 533'. R/U cementing services. Successfully established circulation down 4 1/2" production casing through perforations at 533' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 1/2" production casing through perforations at 533' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL. Dug-out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in the 8-5/8" surface casing annulus. Ran weighted tally tape down 4 1/2" production casing and tagged cement 31' down. Ran 3/4" poly pipe down 4 1/2" production casing. R/U cementing services. Topped-off well with 6 sx of cement. Installed subsurface P&A marker per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back filled P&A marker. R/D and MOL.

End of Well Wellbore Diagram

Cato San Andres Unit #052

API #: 30-005-20009

Chaves County, New Mexico

Plug 1

681 feet - Surface

681 foot plug

218 sacks of Type III Cement

6 sacks of Type III Top Out

Surface Casing

8.625" 24# @ 483 ft

Formation

Rustler - 1072 ft

Yates - 1545 ft

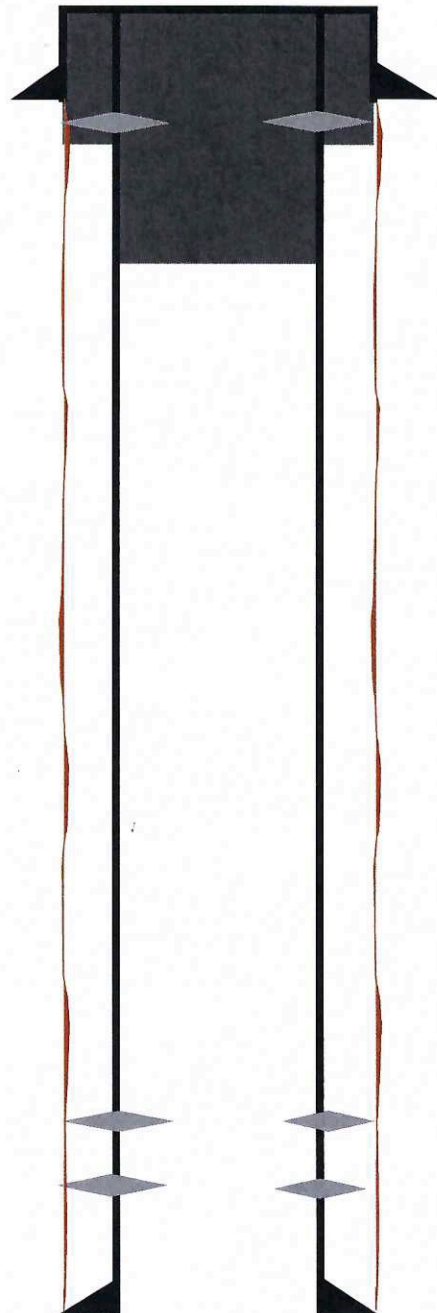
San Andres - 3486 ft

Perforations

3536 feet - 3578 feet

Production Casing

4.5" 9.5# @ 3714 ft

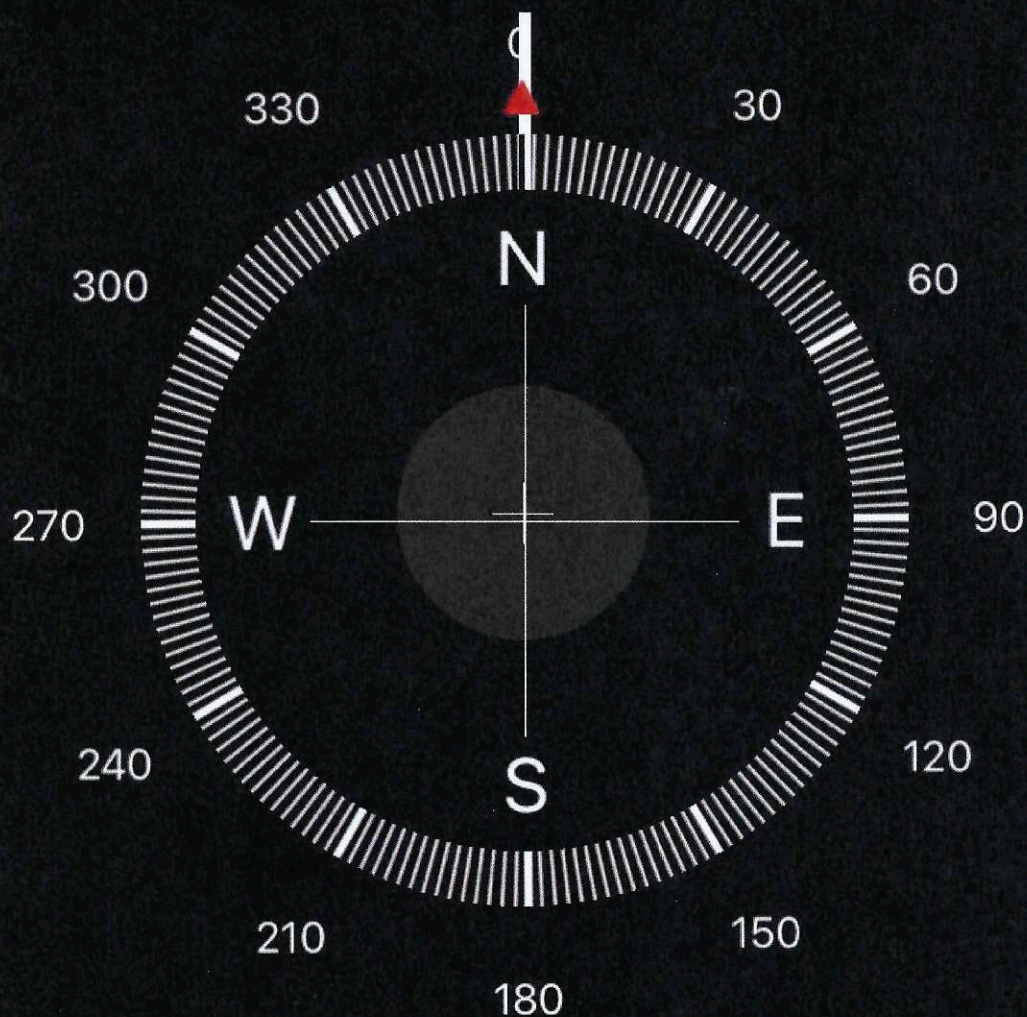






No Service

1:45 PM



0° N

33°38'54" N 104°10'22" W

3590 ft Elevation

P & A Daily Report

Drake

WELL SERVICE INC.



PO Box 538 Farmington, NM 87499 505.327.7301

Company: Cano Petro/NMOCD OWP
 Well Name: Cato San Andres Unit #052
 API #: 30-005-20009
 Date: 6/27/2022

WORK SUMMARY

Prepped location with backhoe. MOL and R/U P&A rig. Checked well pressures(see pressures below).
 Bled down well. N/D wellhead, N/U BOP and function tested. Secured and shut-in well for the day.

PLUG SUMMARY

<u>Plug No</u>	<u>Plug Depth</u>	<u>Sacks of Cement Used</u>
Plug 1 _____ To _____	_____	_____
Plug 2 _____ To _____	_____	_____
Plug 3 _____ To _____	_____	_____
Plug 4 _____ To _____	_____	_____
Plug 5 _____ To _____	_____	_____
Plug 6 _____ To _____	_____	_____
Plug 7 _____ To _____	_____	_____

BRIDGE PLUG/CEMENT RETAINER SUMMARYDepth Set

WELL PRESSURES

Tubing	_____	0 psi
Casing	_____	0 psi
Bradenhead	_____	0 psi

P & A Daily Report

Drake

WELL SERVICE INC.



PO Box 538 Farmington, NM 87499 505.327.7301

Company:	Cano Petro/NMOCD OWP
Well Name:	Cato San Andres Unit #052
API #:	30-005-20009
Date:	6/28/2022

WORK SUMMARY

Checked well pressures(see pressures below). Bled down well. P/U casing scraper and work string and TIH to 32' where casing scraper tagged up and could not make any further progress down wellbore. TOOH. P/U mule shoe sub, TIH and tagged up at 681'. R/U power swivel. Drilled down to 690' and could not make any further progress. Waited on NMOCD on how to proceed. NMOCD requested to start cementing operations at 681'. R/U cementing services. Pumped plug #1 from 681'-307' to cover the San Andres perforations and formation top and Yates and Rustler formation tops. TOOH. WOC 4 hours. TIH and tagged cement at 535'. R/U cementing services. Circulated wellbore with 20 bbls of fresh water. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 533'. R/U cementing services. Successfully established circulation down 4 1/2" production casing through perforations at 533' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 1/2" production casing through perforations at 533' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL.

PLUG SUMMARY

Plug No	Plug Depth	Sacks of Cement Used
Plug 1 681'	To Surface	212 sx Type III
Plug 2	To	
Plug 3	To	
Plug 4	To	
Plug 5	To	
Plug 6	To	
Plug 7	To	

BRIDGE PLUG/CEMENT RETAINER SUMMARY

Depth Set

WELL PRESSURES

Tubing	0 psi
Casing	0 psi
Bradenhead	0 psi

P & A Daily Report

Drake

WELL SERVICE INC.



PO Box 538 Farmington, NM 87499 505.327.7301

Company:	Cano Petro/NMOCD OWP
Well Name:	Cato San Andres Unit #052
API #:	30-005-20009
Date:	6/30/2022

WORK SUMMARY

Checked well pressures(see pressures below). Bled down well. Dug-out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in the 8-5/8" surface casing annulus. Ran weighted tally tape down 4 1/2" production casing and tagged cement 31' down. Ran 3/4" poly pipe down 4 1/2" production casing. R/U cementing services. Topped-off well with 6 sx of cement. Installed subsurface P&A marker per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back-filled P&A marker. R/D and MOL.

PLUG SUMMARY

Plug No	Plug Depth	Sacks of Cement Used
Plug 1 681'	To Surface	218 sx Type III(6 sx for top-off)
Plug 2	To	
Plug 3	To	
Plug 4	To	
Plug 5	To	
Plug 6	To	
Plug 7	To	

BRIDGE PLUG/CEMENT RETAINER SUMMARYDepth Set

WELL PRESSURES

Tubing	0 psi
Casing	0 psi
Bradenhead	0 psi

CURRENT WELLBORE

CSAU 52 (30-005-20009)

2/8/23

Plug 1
681 feet - Surface
681 foot plug
218 sacks of Type III Cement
6 sacks of Type III Top Out

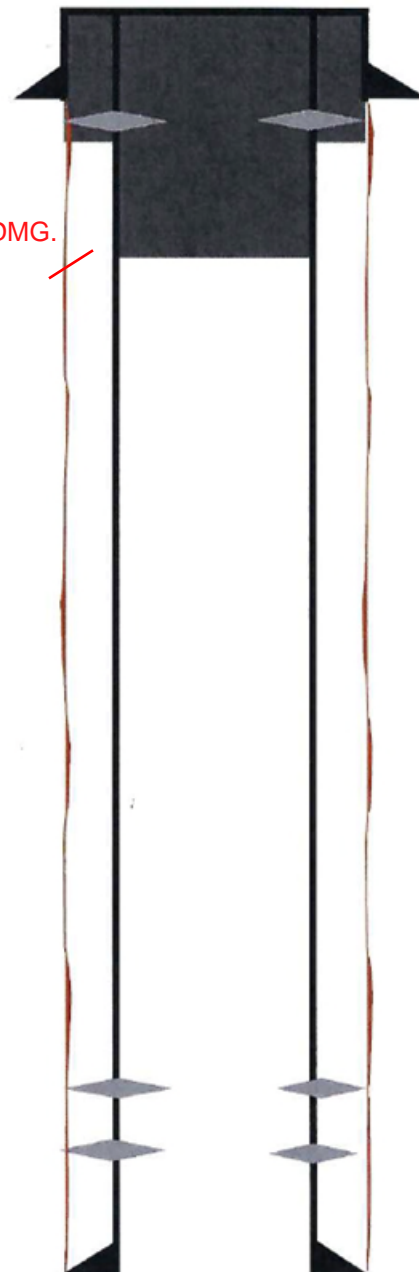
Surface Casing
12 1/4 in. hole @ 483 '
8 5/8 in. casing @ 483 '
w/ 300 sx cement TOC- Surf-Circ

DEEPEST TAG 681'.
SUSPECT CASING DMG.

Formation
Rustler - 1072 ft
Yates - 1545 ft
San Andres - 3486 ft

Perforations
3536 feet - 3578 feet

Production Casing
7 7/8 in. hole @ 3714 '
4 1/2 in. casing @ 3714 '
w/ 800 sx cement TOC- 4'



Proposed
Cato San Andreas Unit # 52
API # 3000520009

Surf Lat 33.62878
Surf Long -103.83869

Perf and circulate to surface @60'

Bottom@60'

Spot 25 xs plug for surface casing shoe

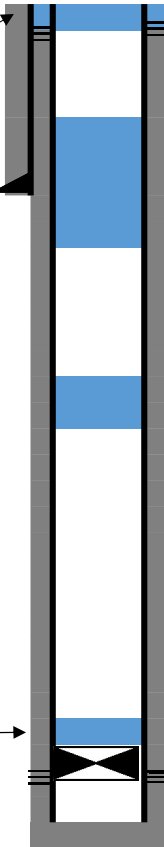
25 SXS Class C
Top@333'
Bottom@633'

Spot 25 sx plug for yates formation

Top @ 1560 '
Bottom @ 1860 '

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

3,486'



Surface Casing

12 1/4 in. hole @ 483 '
8 5/8 in. casing @ 483 '
w/ 300 sx cement TOC- Surf-Circ

Production Casing

7 7/8 in. hole @ 3714 '
4 1/2 in. casing @ 3714 '
w/ 800 sx cement TOC- 4 '

Yates top @ 1710 '

[10540] Cato; San Andreas Perfs
Top 3,536'
Bottom 3,651'

TD 3,714'
PBD 3,588'

PROPOSED PLUGGING PROCEDURE

CSAU 52 (30-005-20009)

2/8/23

OXY USA INC. PROPOSES TO RE-ENTER AND PERMANENTLY ABANDON THE WELLBORE AFTER PLUGS WERE SET BY DRAKE WELL SERVICE INC. PER NMOCD APPROVAL ON 6/24/22-6/30/22.

THE DRAKE SUBSEQUENT REPORT, CURRENT WELLBORE, PROPOSED WELLBORE, AND PLUGGING PROCEDURE ARE ATTACHED.

PROCEDURE

1. DRILL OUT CEMENT FROM SURFACE TO 681'.
2. ATTEMPT TO GET BELOW 681' (DEEPEST TAG DURING DRAKE PLUGGING OPERATIONS ON 6/28/2022).
3. SET CIBP AT 3486 FT. DUMP BAIL 5 SX CL C CMT. WOC AND TAG.
4. SPO 25 SX CMT 1860'-1560'.
5. SPOT 25 SX CMT 633'-333'. WOC AND TAG.
6. PERFORATE AT 60'. CIRCULATE WITH 35 SX CMT. VERIFY CMT TO SURFACE.

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 184261

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 184261
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	3/23/2023