

Submit 1 Copy To Appropriate District Office

State of New Mexico
Energy, Minerals and Natural ResourcesForm C-103
Revised July 18, 2013

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

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

WELL API NO. 30-005-28010
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Cato San Andres
8. Well Number 558
9. OGRID Number 248802
10. Pool name or Wildcat Cato; San Andres

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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other2. Name of Operator
Cano Petro on NM. INC3. Address of Operator
801 Cherry Street Unit 25 Suite 3200 Fort Worth, Texas 76102

4. Well Location

Unit Letter M 125 feet from the S line and 125 feet from the W line

Section 11 Township 08S Range 30E NMPM County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 plans to plug this well in accordance with the attached procedure and any agreed modifications there to.

APPROVED

Spud Date:

Rig Release Date:

Notify OCD 24 hrs. prior to any work done

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

SIGNATURE Ethan Wakefield TITLE Authorized Representative DATE 3/14/23Type or print name Ethan Wakefield E-mail address: e.wakefield@dwsrigs.com PHONE: 405 343 7736
For State Use OnlyAPPROVED BY: [Signature] TITLE Petroleum Specialist DATE 4/21/23
Conditions of Approval (if any):

Cano Petro

Plug And Abandonment Procedure

Cato San Andres #558

125' FSL & 125' FWL, Section 11, 8S, 30E

Chaves County, NM / API 30-005-28010

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Check casing, tubing, and Bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. P/U 5-1/2" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 3,408'.
6. P/U 5-1/2" CR, TIH and set CR at +/- 3,358'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
7. RU wireline and run CBL with 500 psi on casing from CR at 3,358' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to

Brandon Powell at Brandon.powell@state.nm.us upon completions of logging operations.

8. Rig up to pump cement down tubing. Pump water to establish rate down tubing.
9. Circulate wellbore with 9.5 ppg salt gel.

NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing

10. Plug 1 (**San Andres Perforations 3,358'-3,138', 25 Sacks Type I/II Cement**)

Mix 25 sx Type I/II cement and spot a balanced plug inside casing to cover the San Andres perforations.

11. Plug 2 (**San Andres formation top 2,754'-2,534', 25 Sacks Type I/II Cement**)

Mix 25 sx Type I/II cement and spot a balanced plug inside casing to cover the San Andres formation top.

12. Plug 3 (**Seven Rivers and Yates Formation Tops 1,786'-1,553', 27 Sacks Type I/II Cement**)

Mix 27 sx Type I/II cement and spot a balanced plug inside casing to cover the Seven Rivers and Yates formation tops.

13. Plug 4 (**Rustler formation Top 1,240'-1,020', 25 Sacks Type I/II Cement**)

Mix 25 sx Type I/II cement and spot a balanced plug inside casing to cover the Rustler formation top.

14. Plug 5 (**Surface Casing Shoe, 550'-Surface, 167 Sacks Type I/II Cement**)

Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 167 sx cement and spot a balanced plug from 550' to surface, circulate good cement out of casing valve. TOH and LD

tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 550' and the annulus from the squeeze holes to surface. Shut in well and WOC.

15. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.

Existing Wellbore Diagram

Cano Petro Of New Mexico

Cato San Andres #558

API: 30-005-28010

Chaves County, New Mexico

Surface Casing

8.625" 24# @ 500 ft

OH: 12.25"

Formation

Rustler - 1190'

Yates - 1653'

Seven Rivers - 1736'

San Andres - 2704'

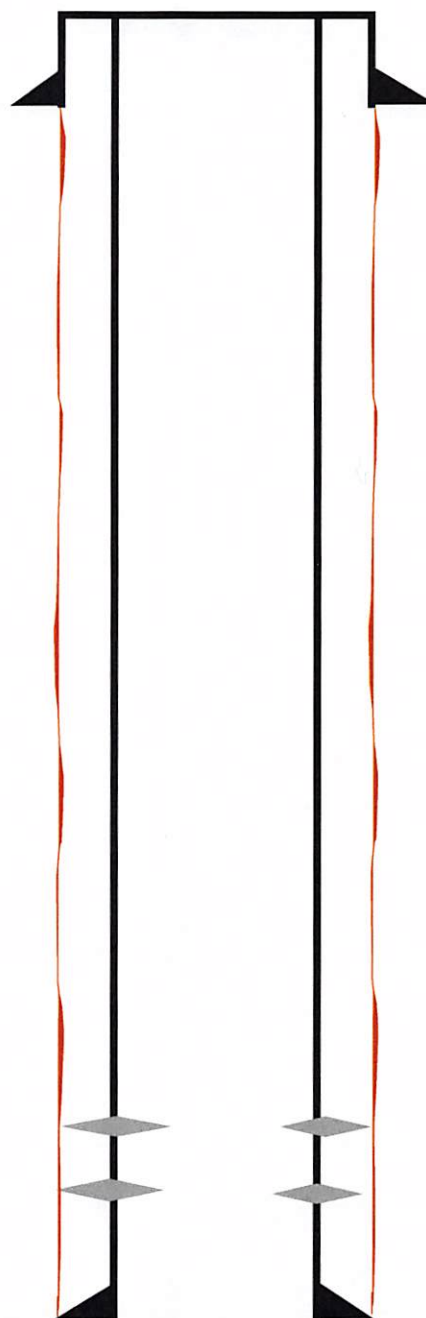
Perforations

3408 feet - 3610 feet

Production Casing

5.5" 15.5# @ 3960 feet

OH: 7.875"



Proposed Wellbore Diagram

Cano Petro Of New Mexico
Cato San Andres #558
API: 30-005-28010
Chaves County, New Mexico

Plug 5

550 feet - surface
550 foot plug
167 sacks of Type I/II Cement

Plug 4

1240 feet - 1020 feet
220 foot plug
25 sacks of Type I/II Cement

Plug 3

1786 feet - 1553 feet
233 foot plug
27 sacks of Type I/II Cement

Plug 2

2754 feet - 2534 feet
220 foot plug
25 sacks of Type I/II Cement

Plug 1

3358 feet - 3138 feet
220 foot plug
25 sacks of Type I/II Cement

Perforations

3408 feet - 3610 feet

Surface Casing

8.625" 24# @ 500 ft
OH: 12.25"

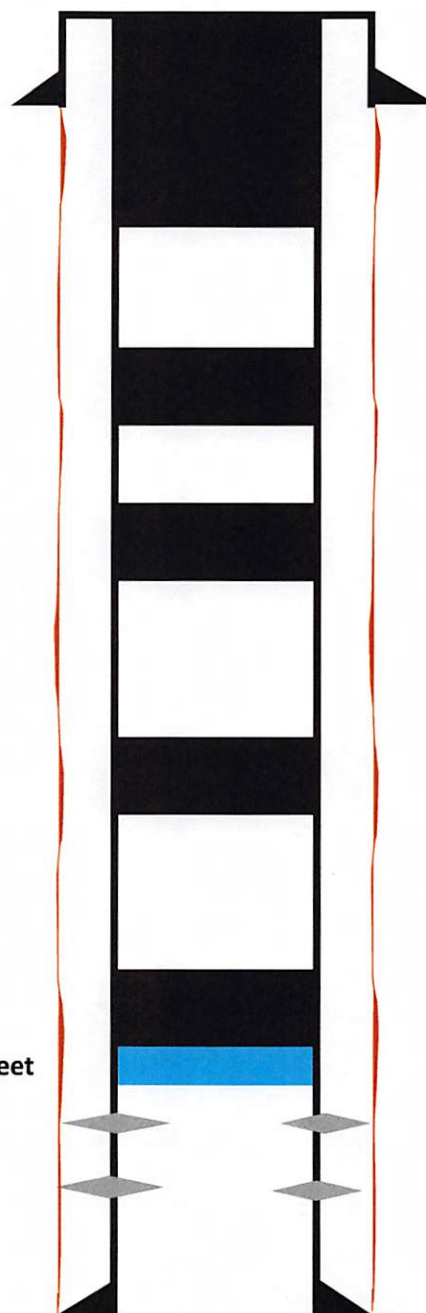
Formation

Rustler - 1190'
Yates - 1653'
Seven Rivers - 1736'
San Andres - 2704'

Retainer @ 3358 feet

Production Casing

5.5" 15.5# @ 3960 feet
OH: 7.875"



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CONDITIONS

Action 203629

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 203629
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	4/21/2023