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

WELL API NO. 30-005-20082

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Cato San Andres

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 135

2. Name of Operator: Cano Petro on NM. INC

9. OGRID Number: 248802

3. Address of Operator: 801 Cherry Street Unit 25 Suite 3200 Fort Worth, Texas 76102

10. Pool name or Wildcat: Cato; San Andres

4. Well Location
Unit Letter H 1980 feet from the N line and 660 feet from the E line
Section 22 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:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			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 10/31/22

Type or print name Ethan Wakefield E-mail address: e.wakefield@dwsrigs.com PHONE: 405 343 7736

For State Use Only

APPROVED BY: TITLE Petroleum Specialist DATE 4/21/23

Conditions of Approval (if any):

Cano Petro

Plug And Abandonment Procedure

Cato San Andres #135

1980' FNL & 660' FEL, Section 22, T8S, R30E

Chaves County, NM / API 30-005-20082

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 4-1/2" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 3,484'.

6. P/U 4-1/2" CR, TIH and set CR at +/- 3,434'. 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 3,434' 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 and Formation Top 3,434'-2,660', 60 Sacks Type I/II Cement)**

    Mix 60 sx Type I/II cement and spot a balanced plug inside casing to cover the San Andres perforations and formation top.

11. Plug 2 **(Queen Formation Top 2,295'-1,972', 25 Sacks Type I/II Cement)**

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

12. Plug 3 **(Yates Formation Top 1657'-1334', 25 Sacks Type I/II Cement)**

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

13. Plug 4 **(Surface Casing Shoe 506'-Surface, 154 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 154 sx cement and spot a balanced plug from 506' 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 506' and the annulus from the squeeze holes to surface. Shut in well and WOC.

14. 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

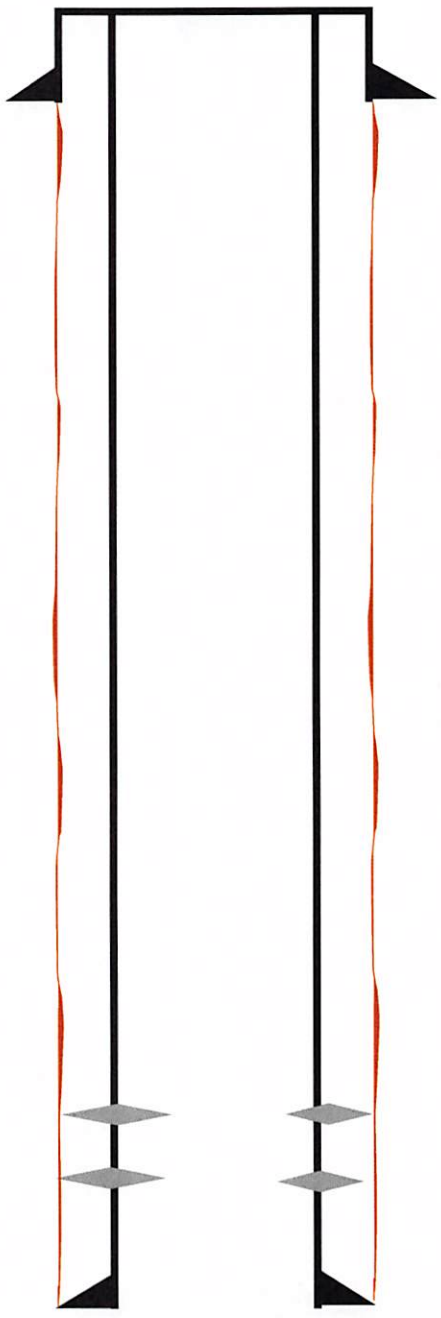
Cano Petro Of New Mexico
Cato San Andres #135
API: 30-005-20082
Chaves County, New Mexico

Surface Casing

8.625" 24# @ 456 ft
OH: 12.25"

Formation

Yates - 1607'
Queen - 2245'
San Andres - 2760'



Perforations

3484 feet - 3583 feet

Production Casing

4.5" 9.5# @ 3693 feet
OH: 7.875"

Proposed Wellbore Diagram

Cano Petro Of New Mexico
Cato San Andres #135
API: 30-005-20082
Chaves County, New Mexico

Surface Casing

8.625" 24# @ 456 ft
OH: 12.25"

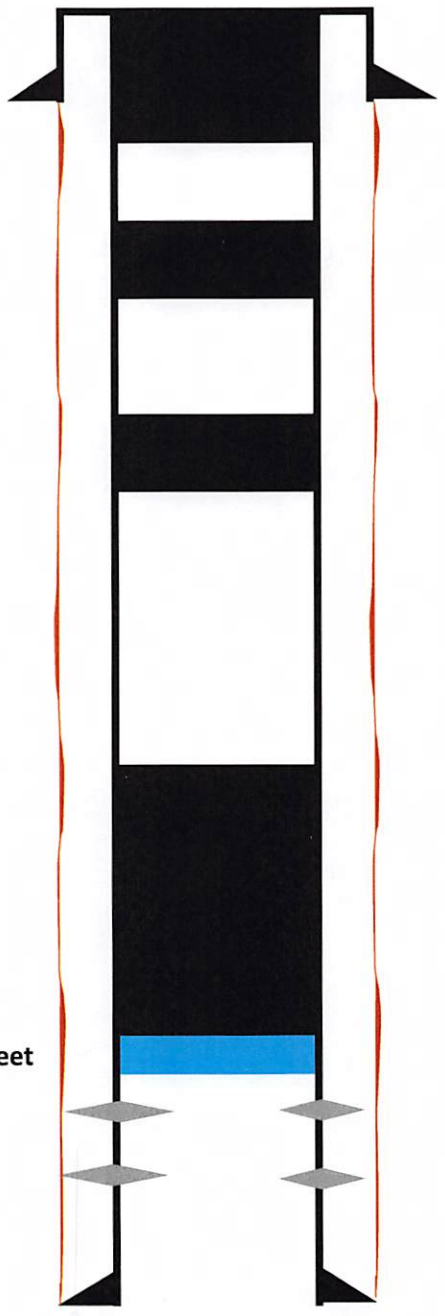
Plug 4
506 feet - Surface
506 foot plug
154 Sacks of Type I/II Cement

Plug 3
1657 feet - 1334 feet
323 foot plug
25 Sacks of Type I/II Cement

Plug 2
2295 feet - 1972 feet
323 foot plug
25 Sacks of Type I/II Cement

Plug 1
3434 feet - 2660 feet
774 foot plug
60 sacks of Type I/II Cement

Formation
Yates - 1607'
Queen - 2245'
San Andres - 2760'



Retainer @ 3434 feet

Perforations
3484 feet - 3583 feet

Production Casing
4.5" 9.5# @ 3693 feet
OH: 7.875"

Cano Petro

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Existing Wellbore Diagram

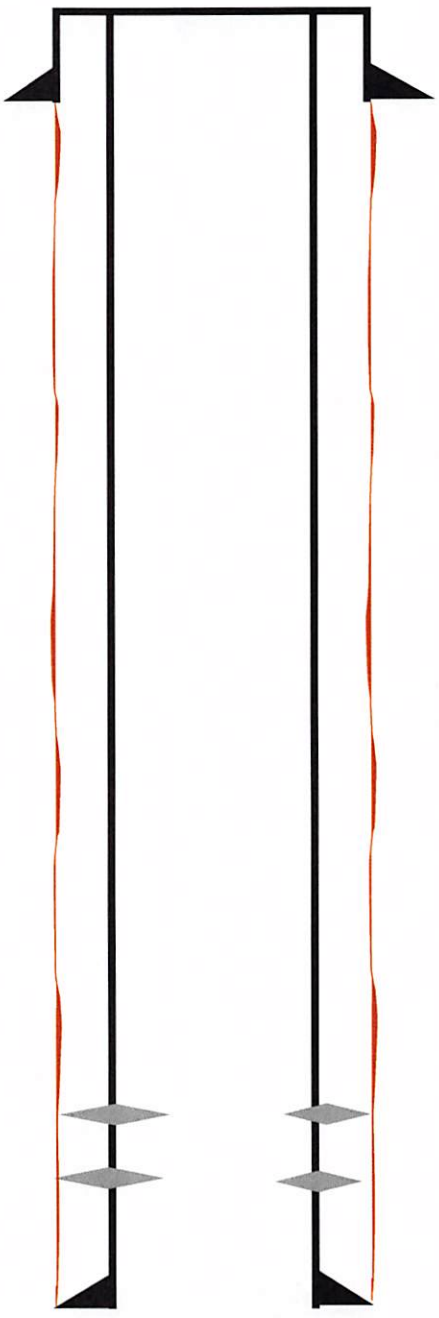
Cano Petro Of New Mexico
Cato San Andres #135
API: 30-005-20082
Chaves County, New Mexico

Surface Casing

8.625" 24# @ 456 ft
OH: 12.25"

Formation

Yates - 1607'
Queen - 2245'
San Andres - 2760'



Perforations

3484 feet - 3583 feet

Production Casing

4.5" 9.5# @ 3693 feet
OH: 7.875"

Proposed Wellbore Diagram

Cano Petro Of New Mexico
Cato San Andres #135
API: 30-005-20082
Chaves County, New Mexico

Surface Casing

8.625" 24# @ 456 ft
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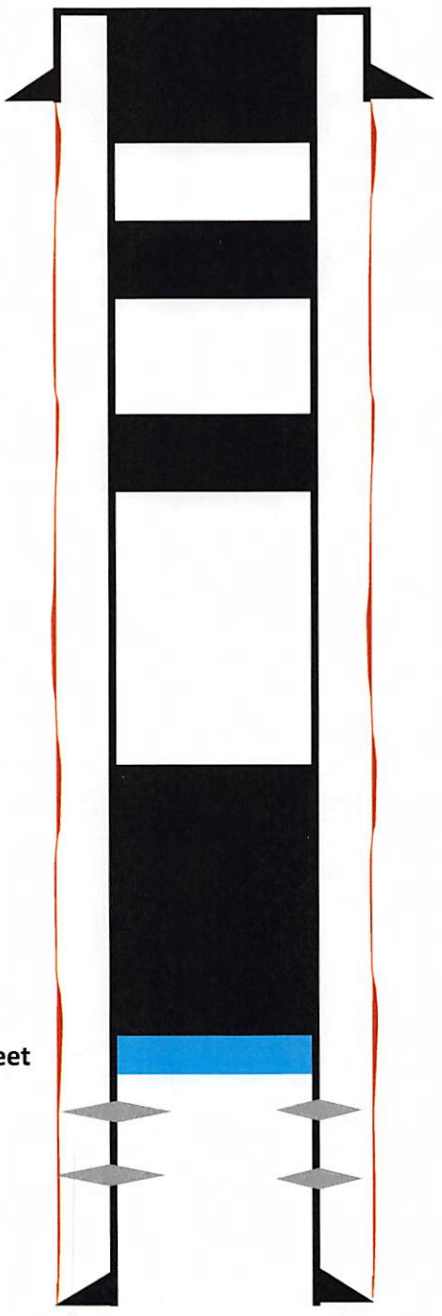

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3434 feet - 2660 feet
774 foot plug
60 sacks of Type I/II Cement

Formation
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San Andres - 2760'

Retainer @ 3434 feet

Perforations
3484 feet - 3583 feet

Production Casing
4.5" 9.5# @ 3693 feet
OH: 7.875"

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District IV
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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 203623

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 203623
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

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