

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

Form C-103  
 Revised July 18, 2013

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-005-20607
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 on NM. INC		6. State Oil & Gas Lease No.
3. Address of Operator 801 Cherry Street Unit 25 Suite 3200 Fort Worth, Texas 76102		7. Lease Name or Unit Agreement Name Graves
4. Well Location Unit Letter <u>I</u> 1980 feet from the <u>S</u> line and <u>660</u> feet from the <u>E</u> line Section <u>6</u> Township <u>08S</u> Range <u>31E</u> NMPM County Chaves		8. Well Number <u>007</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 248802
		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 plans to plug this well in accordance with the attached procedure and any agreed modifications there to.

**APPROVED**

Notify OCD 24 hrs. prior to any work done

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 Ethan Wakefield TITLE Authorized Representative DATE 3/28/23

Type or print name Ethan Wakefield E-mail address: [e.wakefield@dwsrigns.com](mailto:e.wakefield@dwsrigns.com) PHONE: 405 343 7736

**For State Use Only**

APPROVED BY: [Signature] TITLE Petroleum Specialist DATE 4/21/23

Conditions of Approval (if any):

## **Cano Petro Inc.**

### **Plug And Abandonment Procedure**

#### **Graves #007**

1980' FSL & 660' FEL, Section 6, 8S, 31E

Chaves County, NM / API 30-005-20607

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 3,652'.
6. P/U 4-1/2" CR, TIH and set CR at +/- 3,602'. 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 3,602' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to

Brandon Powell at [Brandon.powell@state.nm.us](mailto: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 3,602'-2,830', 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, 7 Rivers and Yates Formation Tops 2,548'-1,778', 60 Sacks Type I/II Cement**)

Mix 60 sx Type I/II cement and spot a balanced plug inside casing to cover the Queen, 7 Rivers, and Yates formation tops.

12. Plug 3 (**Rustler Formation Top and Intermediate Casing Shoe 1,457'-1,178', 53 Sacks Type I/II Cement**)

Mix 53 sx Type I/II cement and spot a balanced plug inside casing to cover the Rustler formation top and intermediate casing shoe.

13. Plug 4 (**Surface Casing Shoe 321'-Surface, 101 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 101 sx cement and spot a balanced plug from 321' 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 321' 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.

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## Existing Wellbore Diagram

Cano Petro Of New Mexico

Graves #007

API: 30-005-20607

Chaves County, New Mexico

### Surface Casing

8.625" 20# @ 271 ft

OH: 11"

### Formation

Rustler - 1407'

Yates - 1878'

7 Rivers - 2046'

Queen - 2489'

San Andres - 2930'

### Intermediate Casing

7" 20# @ 1278 feet

OH: 8"

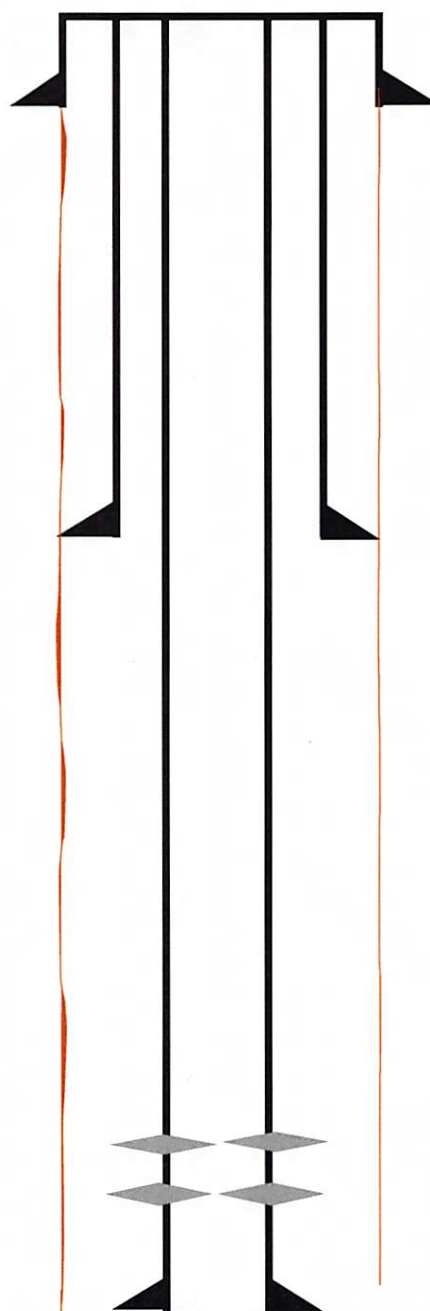
### Perforations

3652 feet - 3789 feet

### Production Casing

4.5" 9.5# @ 3874 feet

OH: 6.25"





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## Proposed Wellbore Diagram

Cano Petro Of New Mexico

Graves #007

API: 30-005-20607

Chaves County, New Mexico

### Plug 4

321 feet - Surface  
321 foot plug  
101 Sacks of Type I/II Cement

### Plug 3

1457 feet - 1178 feet  
272 foot plug  
53 Sacks of Type I/II Cement

### Plug 2

2548 feet - 1778 feet  
770 foot plug  
60 Sacks of Type I/II Cement

### Plug 1

3602 feet - 2830 feet  
772 foot plug  
60 sacks of Type I/II Cement

### Surface Casing

8.625" 20# @ 271 ft  
OH: 11"

### Formation

Rustler - 1407'  
Yates - 1878'  
7 Rivers - 2046'  
Queen - 2489'  
San Andres - 2930'

### Intermediate Casing

7" 20# @ 1278 feet  
OH: 8"

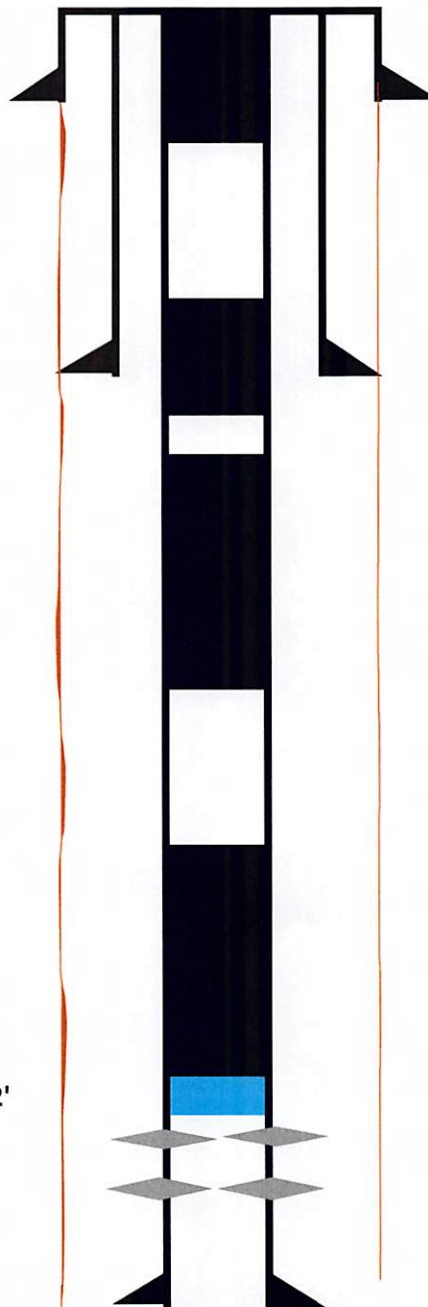
Retainer at 3602'

### Perforations

3652 feet - 3789 feet

### Production Casing

4.5" 9.5# @ 3874 feet  
OH: 6.25"



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Cano Petro Of New Mexico  
Graves #007  
API: 30-005-20607  
Chaves County, New Mexico

### Surface Casing

8.625" 20# @ 271 ft  
OH: 11"

### Formation

Rustler - 1407'  
Yates - 1878'  
7 Rivers - 2046'  
Queen - 2489'  
San Andres - 2930'

### Intermediate Casing

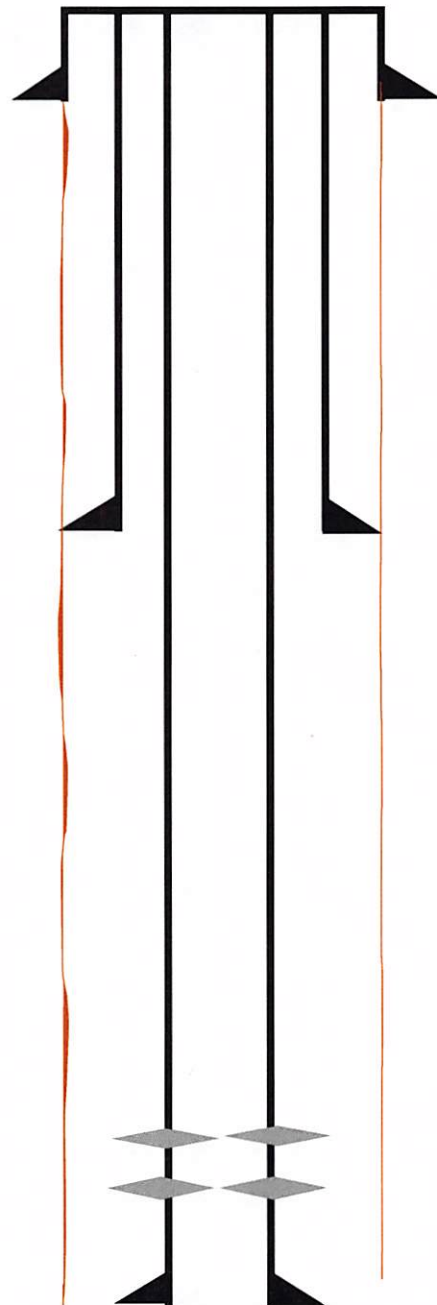
7" 20# @ 1278 feet  
OH: 8"

### Perforations

3652 feet - 3789 feet

### Production Casing

4.5" 9.5# @ 3874 feet  
OH: 6.25"



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## Proposed Wellbore Diagram

Cano Petro Of New Mexico

Graves #007

API: 30-005-20607

Chaves County, New Mexico

### Plug 4

321 feet - Surface  
321 foot plug  
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3602 feet - 2830 feet  
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### Formation

Rustler - 1407'  
Yates - 1878'  
7 Rivers - 2046'  
Queen - 2489'  
San Andres - 2930'

### Intermediate Casing

7" 20# @ 1278 feet  
OH: 8"

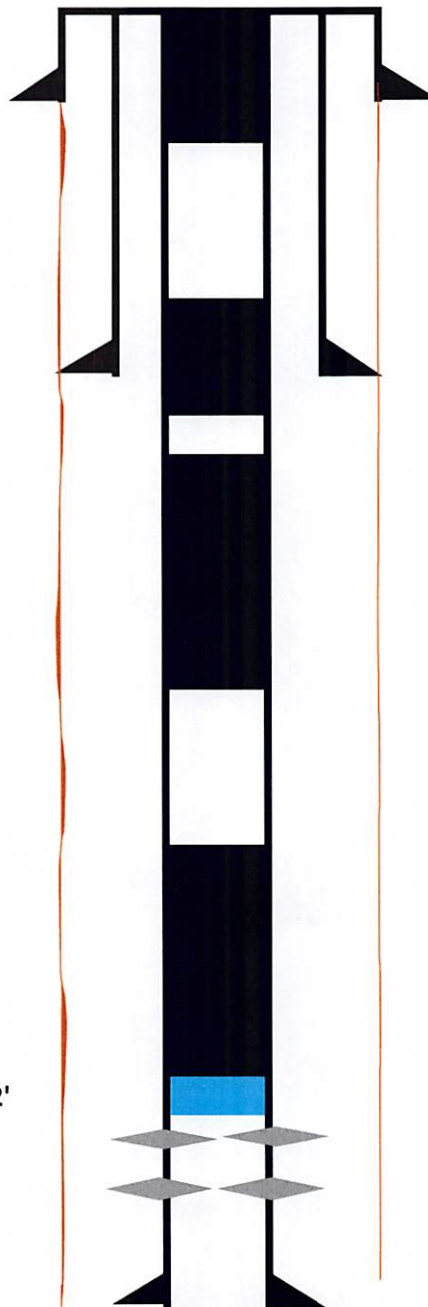
Retainer at 3602'

### Perforations

3652 feet - 3789 feet

### Production Casing

4.5" 9.5# @ 3874 feet  
OH: 6.25"



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**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 203593

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 203593
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

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