

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. 30-005-20019
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 Unit
8. Well Number 70
9. OGRID Number 330485
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Cano Petro of New Mexico, Inc.	
3. Address of Operator 801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102	
4. Well Location Unit Letter D 660 feet from the N line and 660 feet from the W line Section 16 Township 08S Range 30E NMPM County Chaves	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4104	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

See attached documentation below.

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 WakefieldTITLE: Authorized Representative

DATE 8/20/24

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

PHONE: 405-343-7736

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

## **Cano Petro Inc./NMOCD OWP**

### **Plug And Abandonment End Of Well Report**

#### **Cato San Andres Unit #70**

660' FNL & 660' FWL, Section 16, T8S, R30E

Chaves County, NM / API 30-005-20019

#### **Work Summary:**

- 3/22/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 3/23/21** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TOOH and L/D 125 sucker rods and sucker rod pump. N/U BOP and function tested. TOOH and L/D 106 joints of 2-3/8" tubing and mule shoe sub. Well started to produce gas. Killed well twice and circulated out H2S gas at 65-75 ppm. P/U casing scraper and TIH to 500' where parted casing was encountered and unable to pass. Kerry Fortner approved P/U mule shoe sub and TIH to 3,200' and spot balanced plug. TOOH and L/D casing scraper. P/U mule shoe sub. TIH to 3,224'. R/U cementing services. Circulated wellbore with 30 bbls of fresh water. Pumped plug #1 from 3,224'-2,501' to cover the San Andres perforations and formation top. TOOH and L/D mule shoe sub. WOC overnight. Shut-in well for the day.
- 3/24/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 2,700'. Kerry Fortner approved tag depth. Spotted 9.5 ppg mud spacer from 2,700'-1,620'. PUH to 1,620'. R/U cementing services. Pumped plug #2 from 1,620'-824' to cover the Yates and Rustler formation tops. WOC 4 hours. TIH and tagged plug #2 at 865'. PUH to 473'. Attempted to establish circulation down tubing around back side of surface casing and back around and out Bradenhead valve at surface but was unsuccessful. Kerry Fortner requested to perforate at 200' and attempt to establish circulation. TIH to 540'. R/U cementing services.

Pumped surface plug from 540'-200' to cover the surface casing shoe. WOC overnight. Shut-in well for the day.

**3/25/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged surface plug at 205'. TOOH and L/D tubing. Loaded casing and pressure tested casing to 500 psi in which it successfully held pressure. R/U wireline services. RIH and perforated squeeze holes at 200'. Successfully established circulation down casing through perforations at 200' and back around and out Bradenhead valve at surface. R/U cementing services. Successfully circulated cement down through perforations at 200' and back around and out Bradenhead valve at surface. WOC overnight. R/D P&A rig and MOL.

**3/26/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Performed wellhead cut-off. Cement was 5' down in 4 ½" production casing and at surface in 8-5/8" surface casing. Installed P&A marker and plate 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 3,224'-2,700', 50 Sacks Class C Cement)**

Mixed 50 sx Class C cement and spotted a balanced plug to cover the San Andres perforations and formation top.

##### **Plug #2:(Yates and Rustler Formation Tops 1,620'-865', 55 Sacks Class C Cement)**

Mixed 55 sx Class C cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

##### **Plug #3: (Surface Casing Shoe 540'-Surface, 101 Sacks) Class C Cement)**

PUH to 473'. Attempted to establish circulation down tubing around back side of surface casing and back around and out Bradenhead valve at surface but was unsuccessful. Kerry Fortner requested to perforate at 200' and attempt to establish circulation. TIH to 540'. R/U cementing services. Pumped surface plug from 540'-200' to cover the surface casing shoe. WOC overnight. TIH and tagged surface plug at 205'. TOOH and L/D tubing. Loaded casing and pressure tested casing to 500 psi in which it successfully held pressure. R/U wireline services. RIH and perforated squeeze holes at 200'. Successfully established circulation down casing through

perforations at 200' and back around and out Bradenhead valve at surface. R/U cementing services. Successfully circulated cement down through perforations at 200' and back around and out Bradenhead valve at surface. WOC overnight. Performed wellhead cut-off. Cement was 5' down in 4 ½" production casing and at surface in 8-5/8" surface casing. Installed P&A marker and plate 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.

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## Wellbore Diagram

Cato San Andres Unit #070  
API #: 30-005-20019  
Chaves County, New Mexico

### Plug 3

540 feet - Surface  
540 feet plug  
101 sacks of Class C Cement

### Plug 2

1620 feet - 865 feet  
755 feet plug  
55 sacks of Class C Cement

### Plug 1

3224 feet - 2700 feet  
524 feet plug  
50 sacks of Class C Cement

### Surface Casing

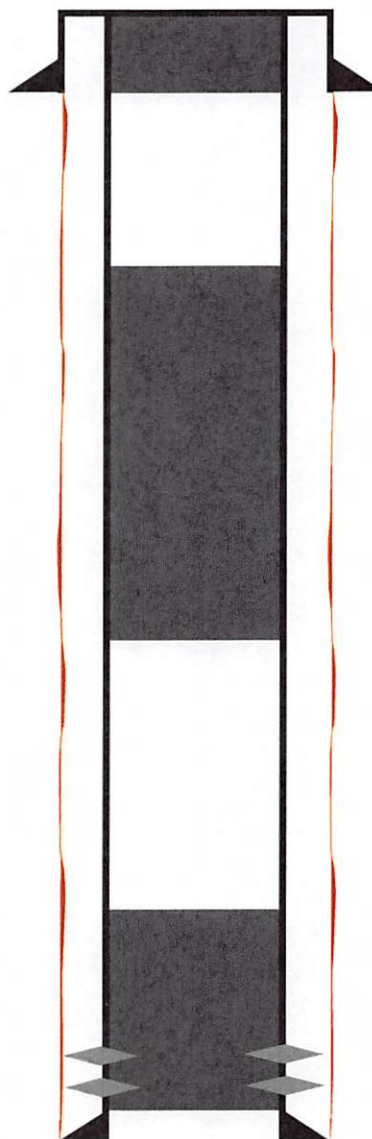
8.625" 20# @ 454 ft

### Formation

Rustler - 1072 ft  
Yates - 1545 ft

### Production Casing

4.5" 9.5# @ 3450 ft



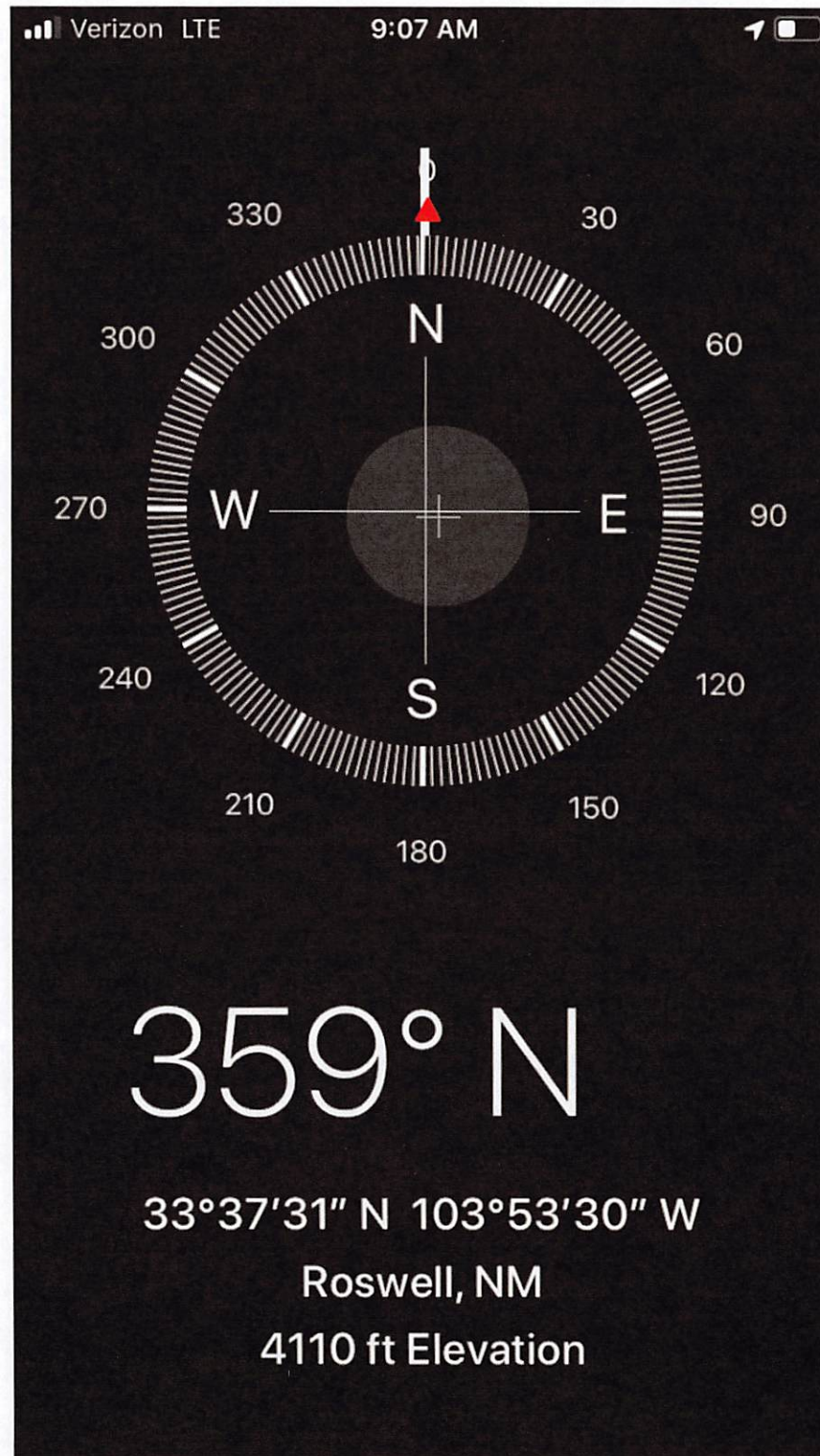














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CONDITIONS

Action 379257

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 379257
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	9/5/2024