

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.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No. <b>NM - 022636</b>
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator <b>Cano Petro of NM. INC</b>		7. If Unit of CA/Agreement, Name and/or No.
3a. Address <b>801 Cherry Street Unit 25 Suite 3200 Fort Worth, Texas 76102</b>		8. Well Name and No. <b>Cato San Andres #404</b>
3b. Phone No. (include area code)		9. API Well No. <b>30-005-27969</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>C-27-08S-30E    660 FNL    1980 FWL</b>		10. Field and Pool or Exploratory Area <b>San Andres</b>
		11. Country or Parish, State <b>Chavez</b>

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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 checked="" 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 recomplete 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 recompletion 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 determined that the site is ready for final inspection.)

Please see attached report and completed WBD.

ACCEPTED FOR RECORD

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		Title
Signature	<b>Ethan Wakefield</b> <small>Digitally signed by Ethan Wakefield Date: 2024.10.14 15:04:40 -06'00'</small>	Date

## THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <b>JENNIFER SANCHEZ</b> <small>Digitally signed by JENNIFER SANCHEZ Date: 2024.10.15 08:39:01 -06'00'</small>	Petroleum Engineer	Date <b>10/15/2024</b>
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 <b>RFO</b>	

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)

## **CANO PETRO OF NEW MEXICO, INC**

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

#### **CATO SAN ANDRES UNIT #404**

660' FNL & 1980' FWL, Section 27, 08S, 30E

Chaves County, NM / API 30-005-27969

#### **Work Summary:**

- 10/7/24** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 10/8/24** Moved P&A rig and equipment from the CSA #407 to the CSA #404. Arrived on location. Held safety meeting. Completed spiral gas check. Checked well pressures (tubing 420 psi). R/U cementing services. Pumped 25 bbls of fresh water into the 2-7/8" tubing. Tubing went on suction. Unable to pump down casing. Levelled location with backhoe. Set base beam. Dug cellar. R/U unit. ND WH, NU BOP, R/U floor and equipment. Swap slips, dies, tongs, elevators, and pipe rams to 2-7/8". Function test BOP. Unset packer. L/D 32 joints of 2-3/8" tubing. Shut in and secured well.
- 10/9/24** Arrived on CSA #404. Held safety meeting. Completed spiral gas check. Checked well pressures (all 0 psi). L/D 71 joints of 2-7/8" tubing (103 total with 5.5" packer). Swap rams, slips, and elevators to 2-3/8". P/U 5.5" scraper. TIH to 3452'. L/D 3 joints and TOOH. L/D scraper. P/U 5.5" CR. TIH and set CR at 3350'. R/U cementing services. Successfully pressure tested tubing to 1000 psi. Sting out of CR. Circulated hole with 75 bbls of fresh water. Successfully pressure tested casing to 800 psi for 30 minutes. TOOH. L/D stinger. Shutdown and secured well.
- 10/10/24** Arrived on CSA #404. Held safety meeting. Completed spiral gas check. Checked well pressures (all 0 psi). R/U wireline services. Logged well from 3350' to surface. R/D wireline services. TIH to 3350'. R/U cementing services. Pumped plug #1 from 3350' to 3124'. L/D 6 joints. TOOH with 32 joints. WOC 4 hours. TIH and tagged plug #1 at 3070'. R/U cementing services. Pumped 9.0 ppg mud spacer from 3070' to 2790'. L/D 10 joints. R/U cementing

services. Pumped plug #2 from 2792' to 2564'. L/D 7 joints. R/U cementing services. Reverse circulated at 2556'. TOOH with 32 joints. Shut in and secured well.

**10/11/24** Arrived on CSA #404. Held safety meeting. Completed spiral gas check. Checked well pressures (all 0 psi). R/U cementing services. Pressure tested BH to 300 psi. TIH to plug #2. Pumped 9.0 ppg mud spacer from 2564' to 2308'. TOOH to 2304'. R/U cementing services. Pumped plug #3 from 2304' to 2082'. R/D cementers. L/D 7 joints. R/U cementing services. Pumped 9.0 ppg mud spacer from 2082' to 1645'. L/D 14 joints. R/U cementing services. Pumped plug #4 from 1664' to 934'. L/D 22 joints. Reverse circulated at 930'. Pumped 9.0 ppg mud spacer from 930' to 565'. L/D 11 joints. Pumped plug #5 from 570' to surface. Note: after reviewing CBL with BLM the decision was made not to perforate at any zones. L/D tubing. R/D floor and equipment. ND BOP. Dig cellar. R/U welder on location. Performed well head cut off. Tagged cement at 54' in 8-5/8" casing. R/U cementing services. Topped off with 16 sx. Installed P&A marker per all local regulations. Prepare to MOL.

#### **Plug Summary:**

##### **Plug #1: (Perforations, 3,350'-3,070', 25 Sacks Type I/II Cement)**

P/U 5.5" CR. TIH and set CR at 3350'. R/U cementing services. Sting out of CR. Circulated hole with 75 bbls of fresh water. Successfully pressure tested casing to 800psi for 30 minutes. TOOH. Logged well. TIH to 3350'. R/U cementing services. Pumped plug #1 from 3350' to 3124'. L/D 6 joints. TOOH with 32 joints. WOC 4 hours. TIH and tagged plug #1 at 3070'. R/U cementing services.

##### **Plug #2: (San Andres Formation Top, 2,792'-2,564', 25 Sacks Type I/II Cement)**

R/U cementing services. Pumped plug #2 from 2792' to 2564'. L/D 7 joints. R/U cementing services. Reverse circulated at 2556'.

##### **Plug #3: (Queen Formation Tops, 2,304'-2,082', 25 Sacks Type I/II Cement)**

R/U cementing services. Pumped plug #3 from 2304' to 2082'. R/D cementers.

**Plug #4: (Yates, Base Salt, Top Salt, and Rustler Formation Tops, 1,664'-934', 79 Sacks Type I/II Cement)**

R/U cementing services. Pumped plug #4 from 1664' to 934'. L/D 22 joints. Reverse circulated at 930'.

**Plug #5: (Surface Casing Shoe, 570'-Surface, 79 Sacks Type I/II Cement) (16 Sacks for Top Off)**

R/U cementing services. Pumped plug #5 from 570' to surface. L/D tubing. R/D floor and equipment. ND BOP. Dig cellar. R/U welder on location. Performed well head cut off. Tagged cement at 54' in 8-5/8" casing. R/U cementing services. Topped off with 16 sx. Installed P&A marker per all local regulations. Prepare to MOL.

## Completed Wellbore Diagram

CANO PETRO OF NEW MEXICO, INC.

CATO SAN ANDRES UNIT #404

API: 30-005-27969

Chaves County, New Mexico

LCPH: YES

### Surface Casing

8.625" 24# @ 515 ft

OH: 12.25'

### Plug 5

570 feet - surface

570 foot plug

79 Sacks of Type I/II Cement

### Plug 4

1664 feet - 934 feet

730 foot plug

79 Sacks of Type I/II Cement

### Plug 3

2304 feet - 2082 feet

222 foot plug

25 Sacks of Type I/II Cement

### Plug 2

2792 feet - 2564 feet

228 foot plug

25 Sacks of Type I/II Cement

### Plug 1

3350 feet - 3070 feet

280 foot plug

25 sacks of Type I/II Cement

### Estimated Formations

Rustler - 1062 feet

T Salt - 1108 feet

B Salt - 1353 feet

Yates - 1595 feet

Queen - 2258 feet

San Andres - 2740 feet

TOC: Surface

CIBP @ 3350 feet

### Perforations

3450 feet - 3632 feet

### Production Casing

5.5" 17# @ 3794 feet

OH: 7.875"







Figure 1: Marker





Figure 2: Top Off

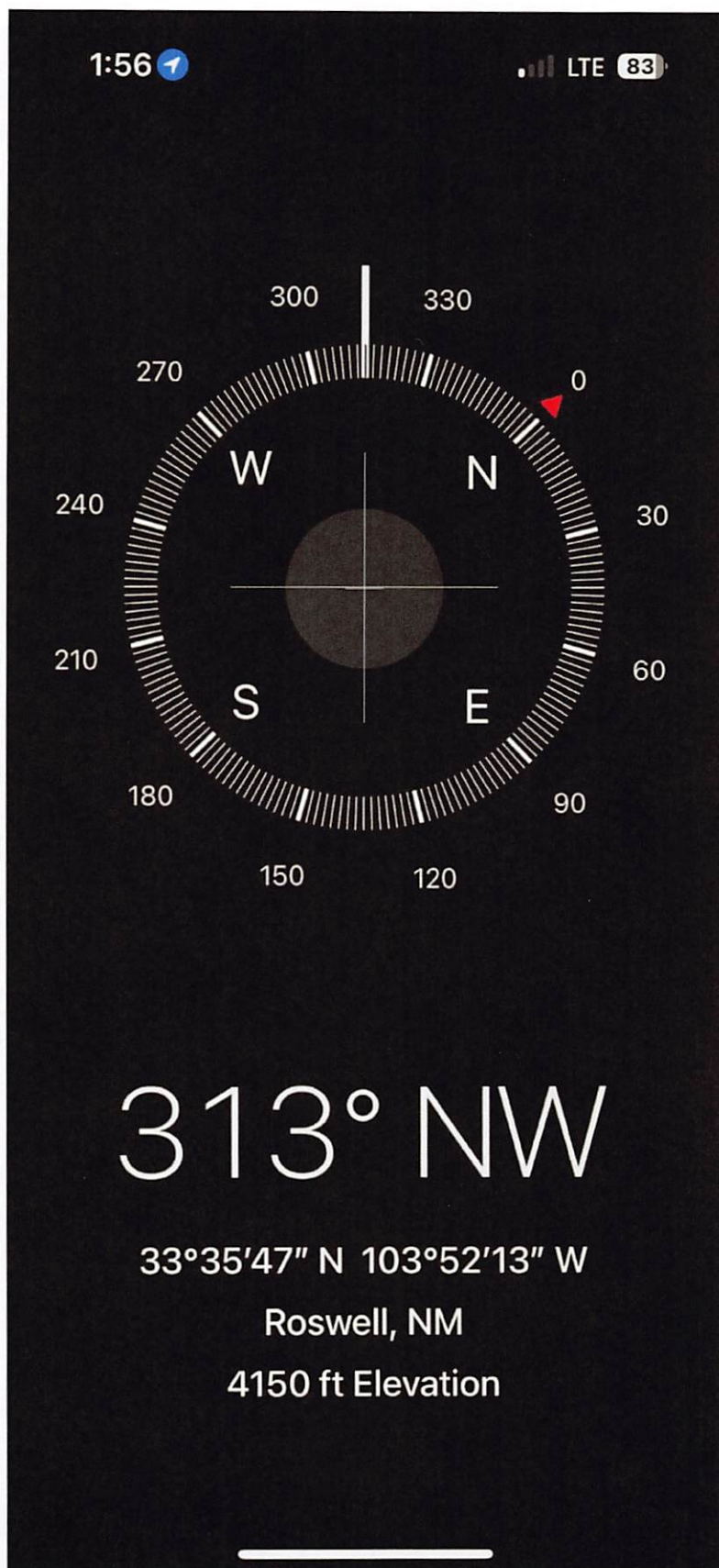


Figure 3: GPS



**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 393076

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 393076
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	10/21/2024