

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

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.)		WELL API NO. 30-005-20678
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 of New Mexico, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102		7. Lease Name or Unit Agreement Name Cato San Andres Unit
4. Well Location Unit Letter <u>E</u> <u>1980</u> feet from the <u>N</u> line and <u>660</u> feet from the <u>W</u> line Section <u>4</u> Township <u>08S</u> Range <u>30E</u> NMPM County Chaves		8. Well Number <u>003</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4036		9. OGRID Number 330485
		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:		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.

NMOCD plugged well according to attached EOW report and plugged WBD.

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 Drake McCulloch TITLE Authorized Representative DATE 4/18/22

Type or print name Drake McCulloch E-mail address: drake@dwsrigs.com PHONE: 505 320 1180

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any):

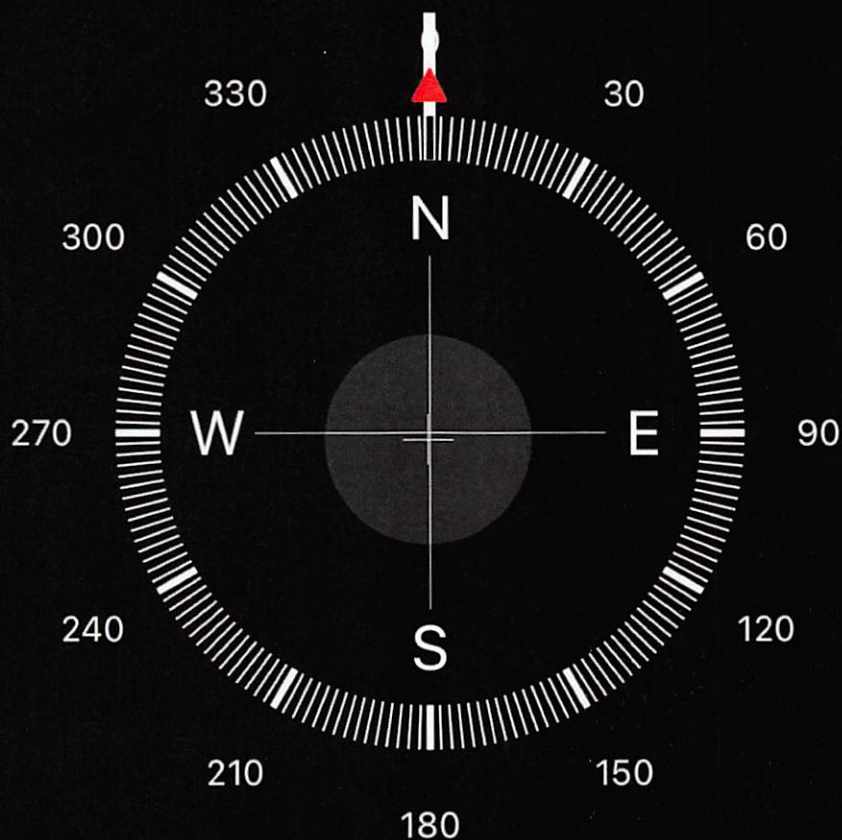
Accepted for record – NMOCD	
JRH	05/03/2023





4:48

1x



359° N

33°38'10" N 103°52'12" W

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #003

1980' FNL & 660' FWL, Section 4, T8S, R30E

Chaves County, NM / API 30-005-20678

Work Summary:

- 4/10/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 4/11/22** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Removed horse's head. Worked stuck rod string. L/D 20 - 7/8" sucker rods, 109 - 3/4" sucker rods, 2 - 2' 3/4" pony rods and sucker rod pump. N/D wellhead, N/U BOP and function tested. Worked struck tubing. L/D 102 joints of 2-3/8" tubing and seating nipple. Secured and shut-in well for the day.
- 4/12/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 4 1/2" casing scraper and work string and round tripped above top perforation to a depth of 3,156'. P/U 4 1/2" CR, TIH and set at 3,062'. Stung out of CR. R/U cementing services. Circulated wellbore clean with 40 bbls of fresh water. Pumped plug #1 from 3,062'-2,694' to cover the San Andres perforations and formation top. WOC 4 hours. L/D tubing up to next plug depth. TOOH with remaining tubing. R/U wireline services. Ran CBL from top of plug #1 at approximately 2,694' to surface. CBL results were sent to NMOCD office for review. Pressure tested 4 1/2" production casing to 500 psi in which it successfully held pressure. Secured and shut-in well for the day.
- 4/13/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 2,715'. R/U cementing services. Spotted 9.5 ppg mud spacer from 2,715'-1,595'. L/D tubing up to next plug depth. R/U cementing services. Pumped

plug #2 from 1,595'-1,105' to cover the Yates formation top. L/D tubing up to next plug depth. TOOH with remaining tubing. R/U wireline services. RIH and perforated squeeze holes at 1,072'. R/U cementing services. Attempted to establish circulation down 4 ½" production casing through perforations at 1,072' and back around and out Bradenhead valve at surface but was unsuccessful. TIH and tagged plug #2 top at 1,092'. R/U cementing services. Pumped plug #2 from 1,092' to surface to cover the Rustler formation top and surface casing shoe. L/D tubing to surface. N/D BOP, N/U wellhead. R/D and MOL. WOC over the weekend. Secured and shut-in well for the day.

4/18/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Dug out wellhead with backhoe. Performed wellhead cut-off. Ran weighted tally tape down both strings of casing and tagged cement 65' down in 8-5/8" surface casing annulus and 30' down in 4 ½" production casing. R/U cementing services. Ran ¾" poly pipe down both strings of casing and topped-off well with 48 sx of cement. Installed subsurface P&A marker 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 3,062'-2,715', 25 Sacks Type III Cement)

Mixed 25 sx Type III cement and spotted a balanced plug to cover the San Andres perforations and formation top.

Plug #2: (Yates and Rustler Formation Tops, Surface Casing Shoe 1,595'-Surface, 157 Sacks Type III Cement(48 sx for Top-off))

Pumped plug #2 from 1,595'-1,105' to cover the Yates formation top. L/D tubing up to next plug depth. TOOH with remaining tubing. R/U wireline services. RIH and perforated squeeze holes at 1,072'. R/U cementing services. Attempted to establish circulation down 4 ½" production casing through perforations at 1,072' and back around and out Bradenhead valve at surface but was unsuccessful. TIH and tagged plug #2 top at 1,092'. R/U cementing services. Pumped plug #2 from 1,092' to surface to cover the Rustler formation top and surface casing shoe. L/D tubing to surface. N/D BOP, N/U wellhead. R/D and MOL. WOC over the weekend. Dug out wellhead with backhoe. Performed wellhead cut-off. Ran weighted tally tape down both strings of casing and tagged cement 65' down in 8-5/8" surface casing annulus and 30' down in 4 ½" production casing. R/U cementing services. Ran ¾" poly pipe down both strings of casing

and topped-off well with 48 sx of cement. Installed subsurface P&A marker 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.

End of Wellbore Diagram

Cato San Andres Unit #003

API #: 30-005-20678

Chaves, New Mexico

Plug 2

1595 feet - Surface

1595 feet plug

157 sacks of Type III Cement

48 sacks of top off

Plug 1

3062 feet - 2715 feet

347 feet plug

25 sacks of Type III Cement

Surface Casing

8.625" 20# @ 1022 ft

Formation

Anhy - 1010 ft

Yates - 1362 ft

San Andres - 3085 ft

Perforations

3135 ft - 3144 ft

3150 ft - 3152 ft

3160 ft - 3162 ft

3214 ft - 3233 ft

3236 ft - 3268 ft

3277 ft - 3289 ft

3299 ft - 3301 ft

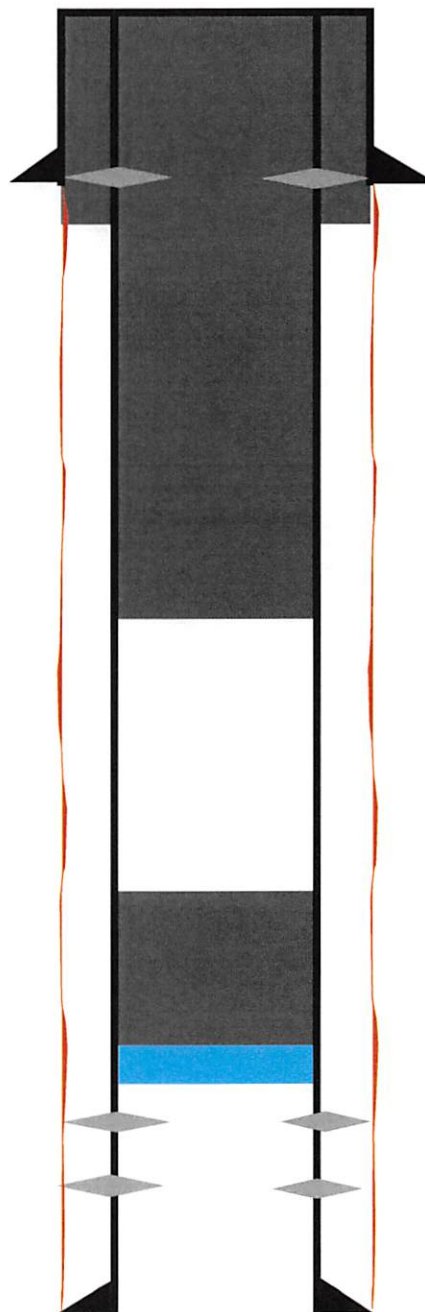
3304 ft - 3310 ft

3324 ft - 3330 ft

Retainer @ 3062 ft

Production Casing

4.5" 9.5# @ 3353 ft



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 99974

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 99974
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/3/2023