

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. 30-005-20160
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>P</u> <u>660</u> feet from the <u>S</u> line and <u>660</u> feet from the <u>E</u> line Section <u>3</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>		8. Well Number <u>008</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4109		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.

Accepted for record – NMOCD

JRH 05/03/2023

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

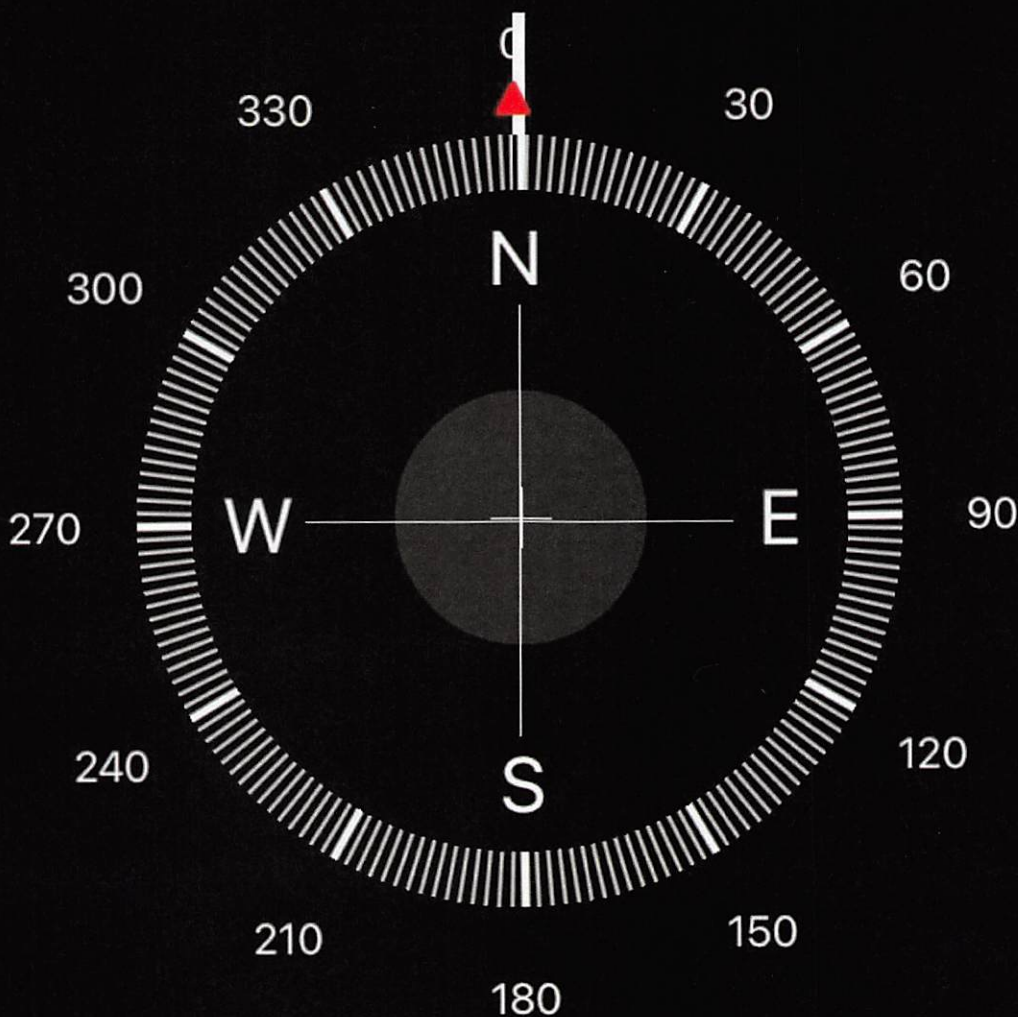
APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____





No Service

7:15 PM



0° N

33°38'36" N 103°51'39" W

Elida, NM

4100 ft Elevation

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #008

660' FSL & 660' FEL, Section 3, T8S, R30E

Chaves County, NM / API 30-005-20160

Work Summary:

- 4/12/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 4/13/22** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 80 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Secured and shut-in well for the day due to high winds.
- 4/14/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U casing scraper and work string and round tripped above top perforation to a depth of 3,320'. P/U 4 ½" CR, TIH and set at 3,270'. Stung out of CR. R/U cementing services. Circulated wellbore clean with 60 bbls of fresh water. Pumped plug #1 from 3,270'-2,895' 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 2,895' to surface. CBL results were sent to NMOCD office for review. Pressure tested production casing to 700 psi in which it successfully held pressure. Loaded Bradenhead with 11 bbls of fresh water and attempted to pressure test to 300 psi in which it failed to hold pressure. TIH and tagged plug #1 top at 2,901'. Spotted 9.5 ppg mud spacer from 2,901'-1,598'. L/D tubing up to 1,598'. R/U cementing services. Pumped plug #2 from 1,598'-930' to cover the Yates and Rustler formation tops. L/D tubing up to next plug depth. TOOH with remaining tubing. WOC overnight. Secured and shut-in well for the day.

- 4/15/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 913'. Spotted 9.5 ppg mud spacer from 913'-368'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 368'. R/U cementing services. Successfully established injection rate into perforations at 368' but could not establish circulation to surface out of Bradenhead valve. R/U wireline services. RIH and perforated squeeze holes at 363'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 363' and back around and out Bradenhead valve at surface with 10 bbls of fresh water. Successfully circulated cement down 4 ½" production casing through perforations at 363' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D equipment. 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. Cement was at surface in 8-5/8" surface casing annulus and 4 ½" production casing. 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 3,270'-2,901', 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 1,598'-913', 45 Sacks Type III Cement)

Mixed 45 sx Type III cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

Plug #3: (Surface Casing Shoe 368'-Surface, 152 Sacks Type III Cement)

RIH and perforated squeeze holes at 368'. R/U cementing services. Successfully established injection rate into perforations at 368' but could not establish circulation to surface out of Bradenhead valve. R/U wireline services. RIH and perforated squeeze holes at 363'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 363' and back around and out Bradenhead valve at surface with 10 bbls of fresh water. Successfully circulated cement down 4 ½" production casing through

perforations at 363' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D equipment. WOC over the weekend. Dug out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in 8-5/8" surface casing annulus and 4 1/2" production casing. Installed subsurface P&A marker per NMOC 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 #008

API #: 30-005-20160

Chaves, New Mexico

Plug 3

368 feet - Surface

368 feet plug

152 sacks of Type III Cement

Plug 2

1598 feet - 913 feet

685 feet plug

45 sacks of Type III Cement

Plug 1

3270 feet - 2901 feet

369 feet plug

25 sacks of Type III Cement

Perforations

3320 ft - 3323 ft

3327 ft - 3329 ft

3362 ft - 3364 ft

3366 ft - 3368 ft

3390 ft - 3425 ft

3429 ft - 3439 ft

Surface Casing

8.625" 24# @ 318 ft

Formation

Anhy - 1010 ft

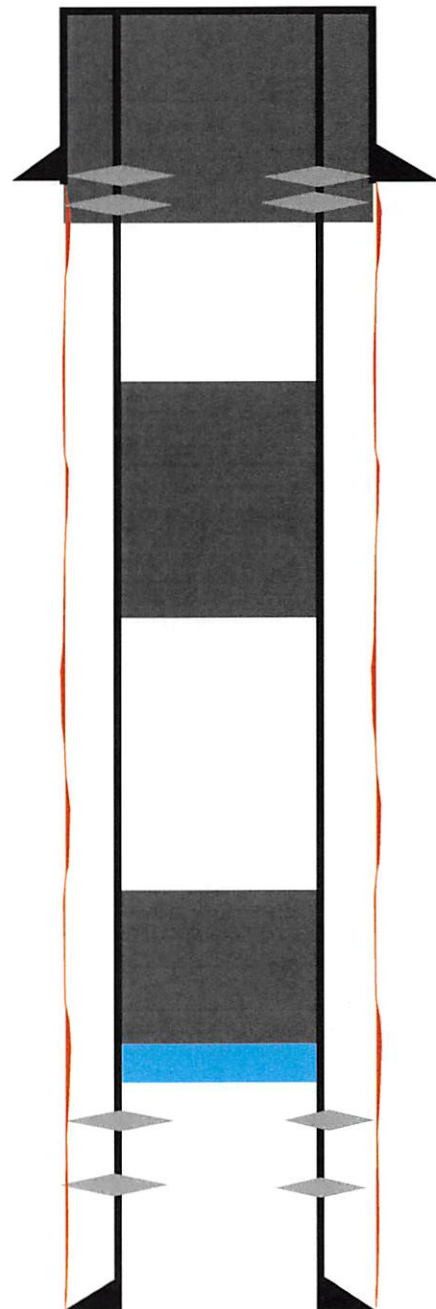
Yates - 1362 ft

San Andres - 3270 ft

Retainer @ 3270 ft

Production Casing

4.5" 9.5# @ 3498 ft



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CONDITIONS

Action 100338

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 100338
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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