

Submit 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

Revised July 18, 2013

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

WELL API NO. 30-005-20033
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Cato San Andres Unit
8. Well Number 105
9. OGRID Number 330485
10. Pool name or Wildcat Cato; San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4131

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 [X] Gas Well [] Other []
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 I 1980 feet from the S line and 660 feet from the E line
Section 16 Township 08S Range 30E NMPM County Chaves

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 [X]
CASING/CEMENT JOB [] PNR
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 thereto.

ESTIMATED START DATE 1/25/21

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 [Signature] TITLE Authorized Representative DATE 1/21/20

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

For State Use Only

APPROVED BY: [Signature] TITLE Compliance Officer A DATE 7/8/21
Conditions of Approval (if any)

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #105

1980' FSL & 660' FEL, Section 16, T8S, R30E

Chaves County, NM / API 30-005-20033

Work Summary:

- 2/9/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 2/10/21** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/U BOP and function tested. M/U bit and drill collars. Tallied in the wellbore to a depth of 400'. Shut-in well for the day.
- 2/11/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged obstruction at 460'. Circulated wellbore with 30 bbls of fresh water. Once circulation was established the wellhead bull plug was found to be cracked. Welder was called and wellhead was fixed. Circulation was established again with 50 bbls of fresh water. Started washing down wellbore and circulation was being lost at a rate of 6 bbls every 10 minutes. Washed down to 495' and started tagging up and losing circulation. TOOH and drained up equipment. Shut-in well for the day.
- 2/18/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Spot in and thaw out pumping equipment to spot LCM plug to stop lost circulation. Mixed and pumped 12 bbls of 40 viscosity, 20% LCM at 460'. TOOH with tubing and drill collars. L/D bit sub and bit. Shut-in well for the day.
- 2/19/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U and M/U bit, bit sub, and 2 drill collars. TIH with 11 joints of tubing. R/U power swivel. P/U 2 joints of tubing and tagged up at 467'. Circulated the well and drilled down to 532'. While

drilling water was continuing to be lost while circulating. The returns at the pit while drilling were nothing but sand. A call was made to the NMOCD and it was decided to plug the well back to surface. Once the well is plugged back to surface the wellhead will not be cut-off until further approval. Shut-in well for the day.

2/20/21 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with tubing to 503'. R/U cementing services. Successfully established circulation down tubing and around backside of surface casing and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing and around backside of surface casing and back around and out Bradenhead valve at surface. L/D tubing. N/D BOP. R/D P&A rig and MOL.

2/26/21 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Performed wellhead cut-off. Cement was at surface in 4.5" production casing. Ran weighted tally tape down surface casing to 150' and did not tag cement. Ran 1" poly pipe down surface casing to 150'. R/U cementing services. Topped-off surface casing from 150' to surface with 29 sx Class C cement. Installed P&A marker and plate per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL.

Plug Summary:

Plug #1: (Surface Casing Shoe 503'-Surface, 141 Sacks(29 sacks for top-off) Class C Cement)

TIH with tubing to 503'. R/U cementing services. Successfully established circulation down tubing and around backside of surface casing and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing and around backside of surface casing and back around and out Bradenhead valve at surface. L/D tubing. N/D BOP. R/D P&A rig and MOL. Performed wellhead cut-off. Cement was at surface in 4.5" production casing. Ran weighted tally tape down surface casing to 150' and did not tag cement. Ran 1" poly pipe down surface casing to 150'. R/U cementing services. Topped-off surface casing from 150' to surface with 29 sx Class C cement. Installed P&A marker and plate per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates.

Wellbore Diagram

Cato San Andres Unit #105

API #: 30-005-20033

Chaves County, New Mexico

Plug 3

503 feet - Surface

503 feet plug

141 sacks of Class C Cement

29 sacks for top-off

Surface Casing

8.625" 20# @ 453 ft

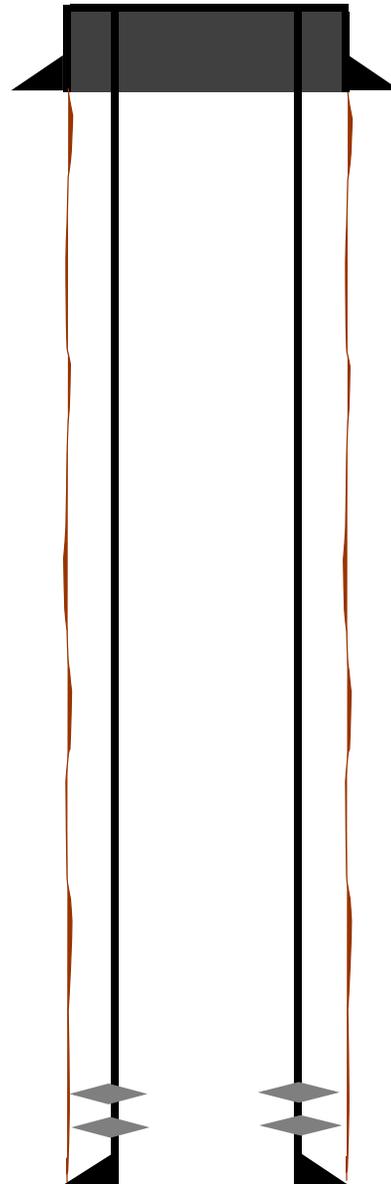
Formation

Rustler - 1072 ft

Yates - 1545 ft

Production Casing

4.5" 9.5# @ 3560 ft



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CONDITIONS
 Action 20686

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 20686
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	7/8/2021