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Dimendial (77) 748-183       OIL CONSERVATION DIVISION       30-0032-20033         11 S. Frest K. Area, NM 8810       DIL CONSERVATION DIVISION       5. Indicate Type of Lease         Dimendial		
1220 South St. Francis Dr. 200 Ro Honson RA. Arace, NM 87410       1220 South St. Francis Dr. Stanta Fe, NM 87505       5. Indicate type of Lease         1220 S. St. Francis Dr. 220 S. St. Francis Dr. 220 S. St. Francis Dr. 220 S. St. Francis Dr. 220 S. St. Francis Dr. 230 St. Francis Dr. 200 Not Use Trils FORM FOR PROPOSALS TO DRLLOK TO DEEPENOR PLUG BACK TO A DIFFERENT RESERVOR. Use "APPLICATION FOR PERMIC" (FORMC-101) FOR SUCH PROPOSALS       7. Lease Name or Unit Agreement Name Cato San Andres Unit PROPOSALS         1. Type of Veil: Oil Well       Gas Well       Other       9. OGRID Number         2. Name of Operator Cato Petro Of New Mexico, Inc.       30485       10. Pool name or Wildcat Bill Cherry Number         3. Address of Operator Boll Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102       10. Pool name or Wildcat Cato; San Andres         4. Well Location Unit Letter I       1980 _feet from theS_line and660 _feet from theE_line NMPM County Chaves       NMPM County Chaves         12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK		
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I hereby certify that the information above is true and complete to the best of my knowledge and belief.		
SIGNATURE DI MCMM TITLE Authorized Representative DATE 1/21/20		
Type or print name Drake McCullochE-mail address: <u>drake@dwsrigs.com</u> PHONE: 505 320 1180		
APPROVED BY: Kerry Jutter TITLE Compliance Officer A DATE 7/8/21	12	
Conditions of Approval (if any		

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## 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.

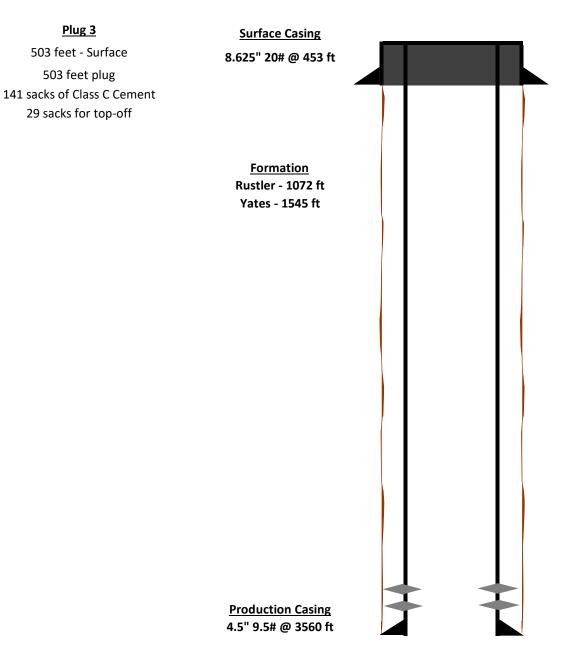
### **Plug Summary:**

# 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



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

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

#### CONDITIONS

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

CONDITIONS

Page 5 of 5

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Action 20686