

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.**

SUBMIT IN TRIPLICATE - Other Instructions on page 2

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

Marshall &amp; Winston, Inc for Cano Petroleum of New Mexico, Inc.

3a. Address P.O. Box 50880  
Midland, TX 797103b. Phone No. (include area code)  
(432) 684-63734. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660' FSL 1980' FEL, SWSE 28-8S-30E

5. Lease Serial No. NMNM-0155494A

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.  
NMNM82050x

8. Well Name and No. Cato San Andres Unit # 165

9. API Well No. 30-005-20139

10. Field and Pool or Exploratory Area  
San Andres - Cato Unit11. Country or Parish, State  
Chaves NM

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

## TYPE OF SUBMISSION

- ☐
- Notice of Intent
- 
- ☒
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

## TYPE OF ACTION

- ☐
- Acidize
- ☐
- Deepen
- ☐
- Production (Start/Resume)
- ☐
- Water Shut-Off
- 
- ☐
- Alter Casing
- ☐
- Hydraulic Fracturing
- ☐
- Reclamation
- ☐
- Well Integrity
- 
- ☐
- Casing Repair
- ☐
- New Construction
- ☐
- Recomplete
- ☐
- Other
- 
- ☐
- Change Plans
- ☒
- Plug and Abandon
- ☐
- Temporarily Abandon
- 
- ☐
- Convert to Injection
- ☐
- Plug Back
- ☐
- 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.)

The Cato San Andres Unit #165 was plugged on 10/28/2022. The well was plugged in accordance to the COA dated 8/17/2022.

10/18/22 RIH and tag @ 1000' Drill and clean out down to 2582' on 10/20/22

10/20/22 Call Jennifer Sanchez at BLM approved setting plug @ 2582' - POH - SDFD

10/21/22 RIH - Circ plugging mud - Spot 25sx @ 2592' - POH - WOC - RIH and tag @ 2224' POH Spot 60 sx @ 1920' - POH - SDFD

10/24/22 RIH tag @ 1477' - call Jennifer Sanchez and spot 25 sacks @ 1477' - POH - WOC - RIH and tag @ 1399' - POH - SDFD

10/25/22 RIH tag @ 1376' - Per Jennifer - spot 25 sacks @ 1376' - poh - WOC - RIH and tag @ 1333' - per Jennifer spot 40 sx @ 1333' - POH - SDFD

10/26/22 RIH tag @ 1376' - spot 40 sx - poh - WOC - RIH and tag @ 1301' spot 25 sx @ 1301' POH - SDFD

10/27/22 RIH and tag @ 1268' - spot 25 sx @ 1268' POH - WOC - riH and tag @ 1215' - POH - SDFD

10/28/22 RIH and tag @ 825' - POH test casing to 500# - RIH and perf @ 350' - POH - break circ up @ 5/8 - Pump 100 sx from 350' to surface - wait 4 hrs to off with 25 sx - well staying full - rig down

Cut off well head and anchors - install dry hole marker - clean up - level location

Accepted for Record - contact Rick Flores at rflores@blm.gov for reclamation.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Mark Taskins

Title DP Sanders

Signature

Date 12/20/22

## THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

JENNIFER SANCHEZ

Digitally signed by JENNIFER SANCHEZ  
Date: 2023.01.05 09:40:08 -0700

Title

Petroleum Engineer

Date

01/05/2023

Office

RFO

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.

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)

## Plug And Abandonment Operations Log

### Cato San Andres Unit 165

660' FSL & 1980' FEL, Section 28, T 8S, R 30E

Chaves County, NM / API 30-005- 20139

The Cato San Andres Unit #165 was plugged on 10/28/2022. The well was plugged in accordance to the COA dated 8/17//2022.

10/18/22 RIH and tag @ 1000' Drill and clean out down to 2592' on 10/20/22

10/20/22 Call Jennifer Sanchez at SLM approved setting plug @ 2592' - POH - SDFD'

10/21/22 RIH - Circ plugging mud - Spot 25sx @ 2592' - POH - WOC - Rih and tag @ 2224' POH Spot 50 sx @ 1920' - POH - SDFD

10/24/22 RIH tag @ 1477' - call Jennifer Sanchez and spot 25 sacks @ 1477' - POH - WOC - RIH and tag @ 1399' - POH - SDFD

10/25/22 RIH tag @ 1376' - Per Jennifer - spot 25 sacks @ 1376' - poh - WOC - RIH and tag @ 1333' - per Jennifer spot 40 sx @ 1333' - POH - SDFD 10/26/22 RIH tag @ 1376' - spot 40 sx - poh - woe - RIH and tag @ 1301' spot 25 sx @ 1301' POH - SDFD



10/27/22 RIH and tag @ 1268' - spot 25 sx @ 1268' POH - WOC - rih and tag @ 1215' - POH - SDFD

10/28/22 RIH and tag @ 825' - POH test casing to 500# - RIH and perf @ 350' - POH - break circ up 8- 5/8 - Pump 100 sx from 350' to surface - wait 4 hrs to off with 25 sx - well staying full - rig down

Cut off well head and anchors - install dry hole marker - clean up - level location

**All Class C Cement Used**

**Sendero Well Service Company – Rig 020**

|   |   |   |
|---|---|---|
| <b>API #:</b> 30-005-20139<br><b>Permit No.</b><br><b>Project No.</b>   | <br><b>Cato San Andres Unit #165</b><br>Chaves County, NM<br><b>P&amp;A Wellbore Diagram</b> | <b>Dry Hole:</b> <b>Days:</b><br><b>TD:</b> 3584'<br><b>SWSE Sec. 28, T-8-S, R-30-E. 660' FSL &amp; 1980' FEL</b> |
| <div data-bbox="243 399 1006 1260"><p>→ Top off with 25 sx cmnt</p><p>284'</p><p>→ Perf 350' - 0' Spot &amp; squeeze 100 sx cmt to surface to seal 8-5/8" casing shoe</p><p>→ 1.920' - 825' Spot 230 sx cmnt seal Yates and Salt formations</p><p>→ 2.224' TOC</p><p>→ 2.582' Set CIBP &amp; Cap/Tag 25 sacks cmt. WOC and TAG</p><p><b>Perforations:</b><br/>3,440' - 3,488'</p><p><b>TVD: 3,584'</b></p><div data-bbox="828 735 1006 903"><p><b>Surface Casing</b><br/>Set 8-5/8" 20# at 284'<br/>Cement to surface</p><p><b>Production Casing</b><br/>4.5" 9.5# at 3584'</p></div></div> |   |   |
| <b>Lat/Long:</b> 33.5854073,-103.8836136  |   |   |

**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 394900

CONDITIONS

|  |  |
|--|--|
| Operator:<br>MARSHALL & WINSTON INC<br>P.O. Box 50880<br>Midland, TX 79710 | OGRID:<br>14187                                |
|  | Action Number:<br>394900                       |
|  | Action Type:<br>[C-103] Sub. Plugging (C-103P) |

CONDITIONS

| Created By | Condition                              | Condition Date |
|------------|--|----------------|
| kfortner   | Need C103Q and marker photo to release | 10/28/2024     |