

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.5. Lease Serial No. **NMNM-0155494A**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Marshall & Winston, Inc for Cano Petroleum of new Mexico, Inc.

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

NMNM82050x

8. Well Name and No.

Cato San Andres Unit # 159

3a. Address P.O. Box 50880
Midland, TX 797103b. Phone No. (include area code)
(432) 684-6373

9. API Well No.

30-005-20152

10. Field and Pool or Exploratory Area

San Andres - Cato Unit

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FSL 660 FWL, NWSW 28-8S-30E

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

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 recompleate 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 recompleation 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 #159 was plugged on 9/20/2022. The well was plugged in accordance to the COA dated 8/16/2022.

9/15/22 RIH and tag up @ 500'

9/16/22 RIH and clean out to 3300' with bit and scraper - POH - RIH with CIBP set @ 3268' - SDFD

9/19/22 RIH tag crip @ 3193 - Circ plugging mud - Spot 25 sx @ 3268' - WOC - RIH Tag at 2902' - SDFD -

9/20/22 RIH spot 45 sx @ 1550' - Poh - Holes in casing at 450'. **BLM Jennifer Sanchez & Kevin Bussell said to squeeze 50 sx and woc 4hrs and tag** set packer at 30'. Circulate 10 bbls out 8-5/8 casing. Squeeze mix 50 sx at 450'. POH - woc RIH tag at 290'. RIH and perf @ 285' pump 70 sx from 285 to surface - Top off casing with 5 sx cement - rig down - SDFD

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 Hasikin

Title VP, Services

Signature

Date 12/20/22

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Digitally signed by JENNIFER SANCHEZ
Date: 2023.01.05 10:02:28 -0700

Petroleum Engineer

01/05/2023

Title

Date

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.

Office

RFO

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 159

1980' FSL & 660' FWL, Section 29, T 8S, R 30E

Chaves County, NM / API 30-005- 20152

9/15/22 RIH and tag up@ 500'

9/16/22 RIH and clean out to 3300' with bit and scraper - POH -RIH with CIBP set@ 3268' - SDFD


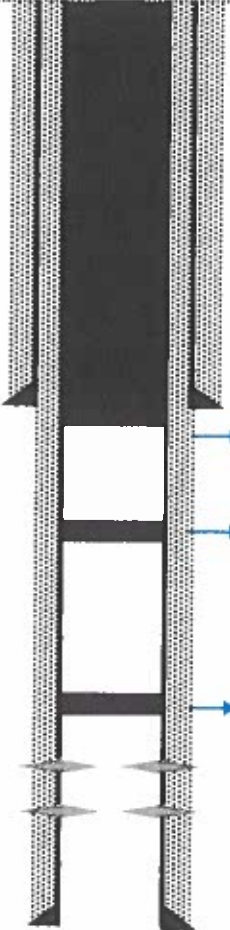
9/19/22 RIH tag cibp @ 3193 - Gire plugging mud - Spot 25 sx@ 3268' - woe - RIH Tag at 2902' - SDFD -

9/20/22 RIH spot 45 sx@ 1550' -POH - Holes in casing at 450'. **SLM Jennifer Sanchez & Kevin Bussell said to squeeze 50 sx and woe 4hrs and tag** set packer at 30'. Circulate 10 bbls out 8-5/8 casing. Squeeze mix 50 sx at 450'. POH - woe Rih tag at 290'. RIH and pert@ 285' pump 70 sx from 285 to surface - Top off casing with 5 sx cement - rig down - SDFD

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

API #: 30-005-20152 Permit No. Project No.	 Cato San Andres Unit #159 Chaves County, NM P&A Wellbore Diagram	Dry Hole: Days: TD: 3512' NWSW, Sec. 28, T-8-S, R-30-E. 1980' FSL & 660' FWL
<div data-bbox="251 472 1063 1396"><p>277'</p><p>→ Perf 350' - 0' Spot & squeeze cmt to surface to seal 8-5/8" casing shoe</p><p>→ 1,500' - 900' Spot 150 sacks cmt, seal Yates and Salt formations</p><p>→ 3,268' Set CIBP & Cap/Tag 25 sacks cmt. WOC and TAG</p><p>Perforations: 3,368' - 3,481'</p><p>TVD: 3,512'</p><div data-bbox="889 835 1063 1018"><p><u>Surface Casing</u> Set 8-5/8" 20# at 277' Cement to surface</p><p><u>Production Casing</u> 4.5" 9.5# at 3512'</p></div></div>		
Lat/Long: 33.5890388,-103.8922882		

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 394284

CONDITIONS

Operator: MARSHALL & WINSTON INC P.O. Box 50880 Midland, TX 79710	OGRID: 14187
	Action Number: 394284
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	11/21/2024