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Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB  
No. 1004-0137 Expires:  
December 31, 2024

**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.
6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other
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7. If Unit of CA/Agreement, Name and/or No. NMNM82050X
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2. Name of Operator Marshall & Winston, Inc. for Cano Petroleum of New Mexico, Inc.
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8. Well Name and No. Cato San Andres Unit #167
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3a. Address P.O. Box 50880 Midland, TX 79710
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3b. Phone No. (include area code) (432) 684-6373
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9. API Well No. 30-005-20141
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4. Location of Well (Footage, Sec., T.R.M., or Survey Description) 990' FSL 990' FWL, SWSW 28-8S-30E
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10. Field and Pool or Exploratory Area San Andres - Cato Unit
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11. Country or Parish, State Chaves/NM
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**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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.)

Re: Notice 22RRF02061

See Conditions of Approval

Last set of four wells.

Last set of four wells of the twelve wells to be plugged for Cano Petroleum of New Mexico, Inc. through end of year 2024.

Marshall & Winston, Inc. respectfully requests permission to plug and abandon this well as follows:

1. Place CIBP at 3297' (50'-100' above top perf) with minimum of 25 sx of Class C cement on top. WOC and TAG.
2. Place a balanced Class C cement plug from 1500'-900' to seal the Yates and Salt formations.
3. Perf at 350' and squeeze Class C cement to surface to seal the 8-5/8" casing shoe.
4. Place Dry hole marker below ground.
5. Complete Surface Reclamation once well bore has been plugged; contact rflores@blm.gov for additional information.

Notify BLM-Roswell (575) 622-5335 24 hours prior to commencing plugging operations.


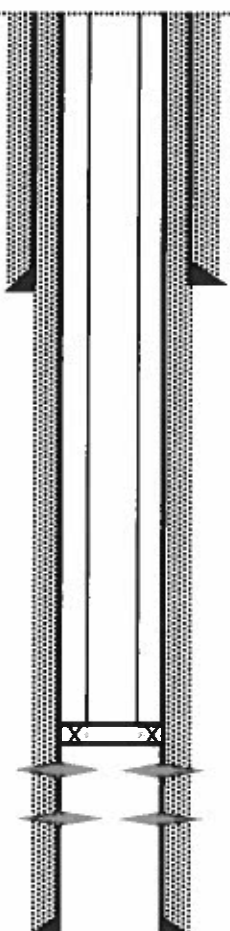
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Todd Passmore	Operations Manager  Title
Signature	Date 06/13/2022

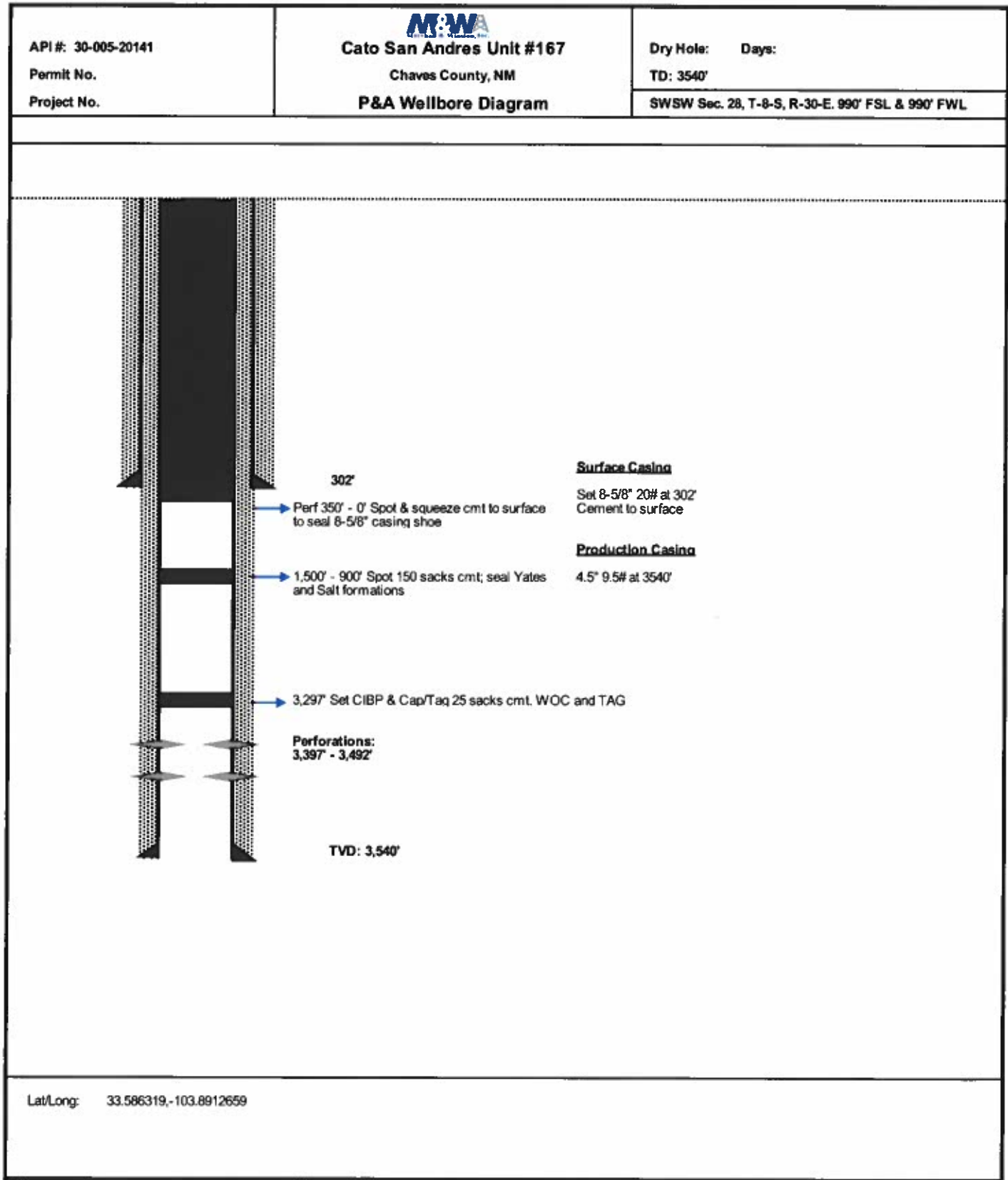
**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Petroleum Engineer	08/17/2022
	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)

<b>API #:</b> 30-005-20141 <b>Permit No.</b> <b>Project No.</b>	 <b>Cato San Andres Unit #167</b> Chaves County, NM <b>Existing Wellbore Diagram</b>	<b>Dry Hole:</b> <b>Days:</b> <b>TD:</b> 3540' SWSW Sec. 28, T-8-S, R-30-E. 990' FSL & 990' FWL
<div data-bbox="259 441 487 1365"></div> <div data-bbox="487 672 893 745"><b>Surface Casing</b> Set 8-5/8" 20# at 302' Cement Circulated to Surface</div> <div data-bbox="487 1155 568 1186"><b>Packer</b></div> <div data-bbox="487 1197 625 1239"><b>Perforations:</b> 3,397' - 3,492'</div> <div data-bbox="487 1344 633 1375"><b>TVD: 3,540'</b></div> <div data-bbox="885 924 1144 997"><b>Production Casing</b> 4.5" 9.5# at 3540' Cement Circulated to Surface</div> <div data-bbox="885 1018 1144 1113"><b>Packer</b> 4.5" 5' Top 3330' Bottom 3335' 2-3/8" Production Tubing</div>		
<b>Lat/Long:</b> 33.586319, -103.8912659		



## Plug And Abandonment Procedure

### **Cato San Andres Unit 167**

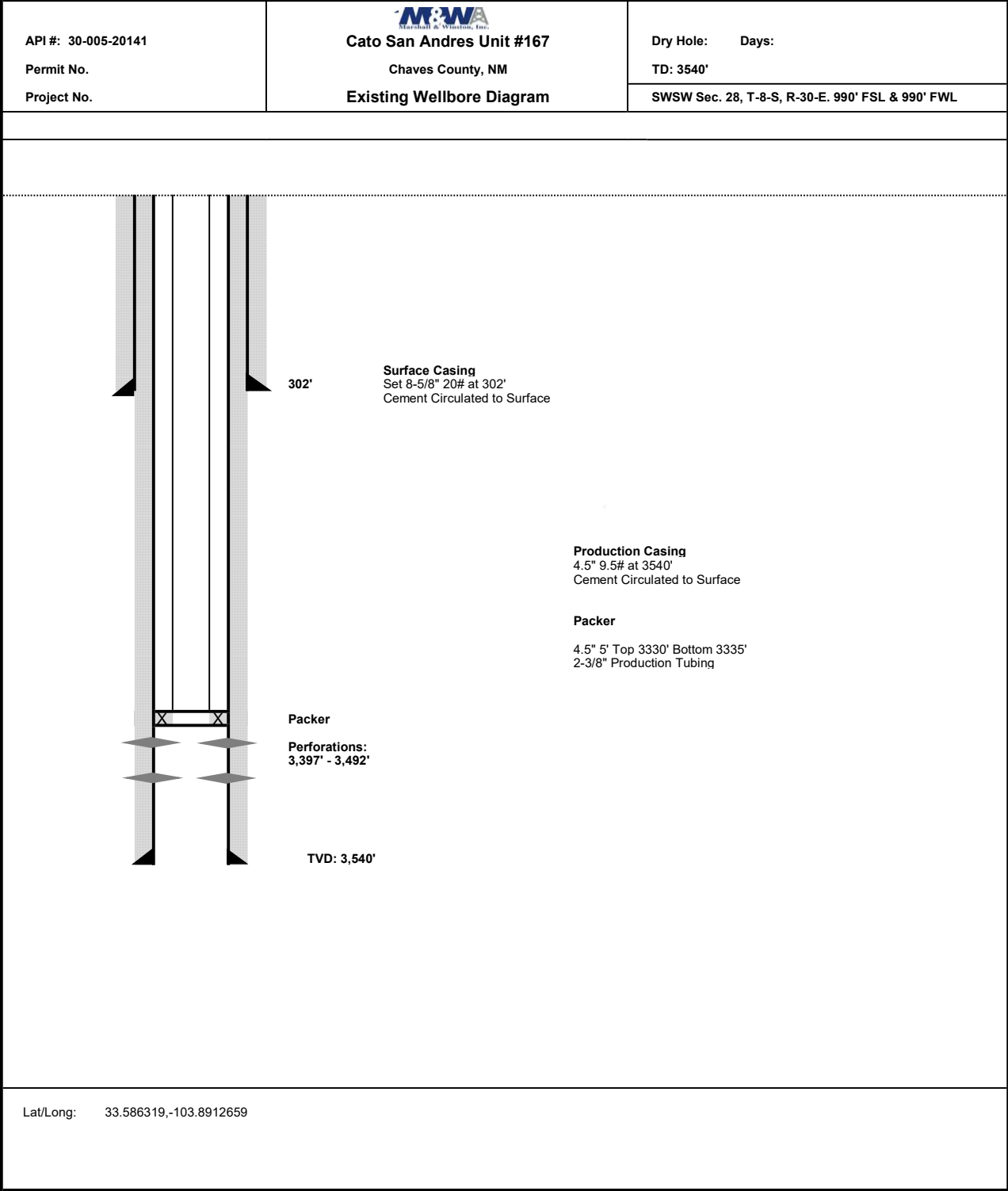
990' FSL & 990' FWL, Section 28, T 8S, R 30E

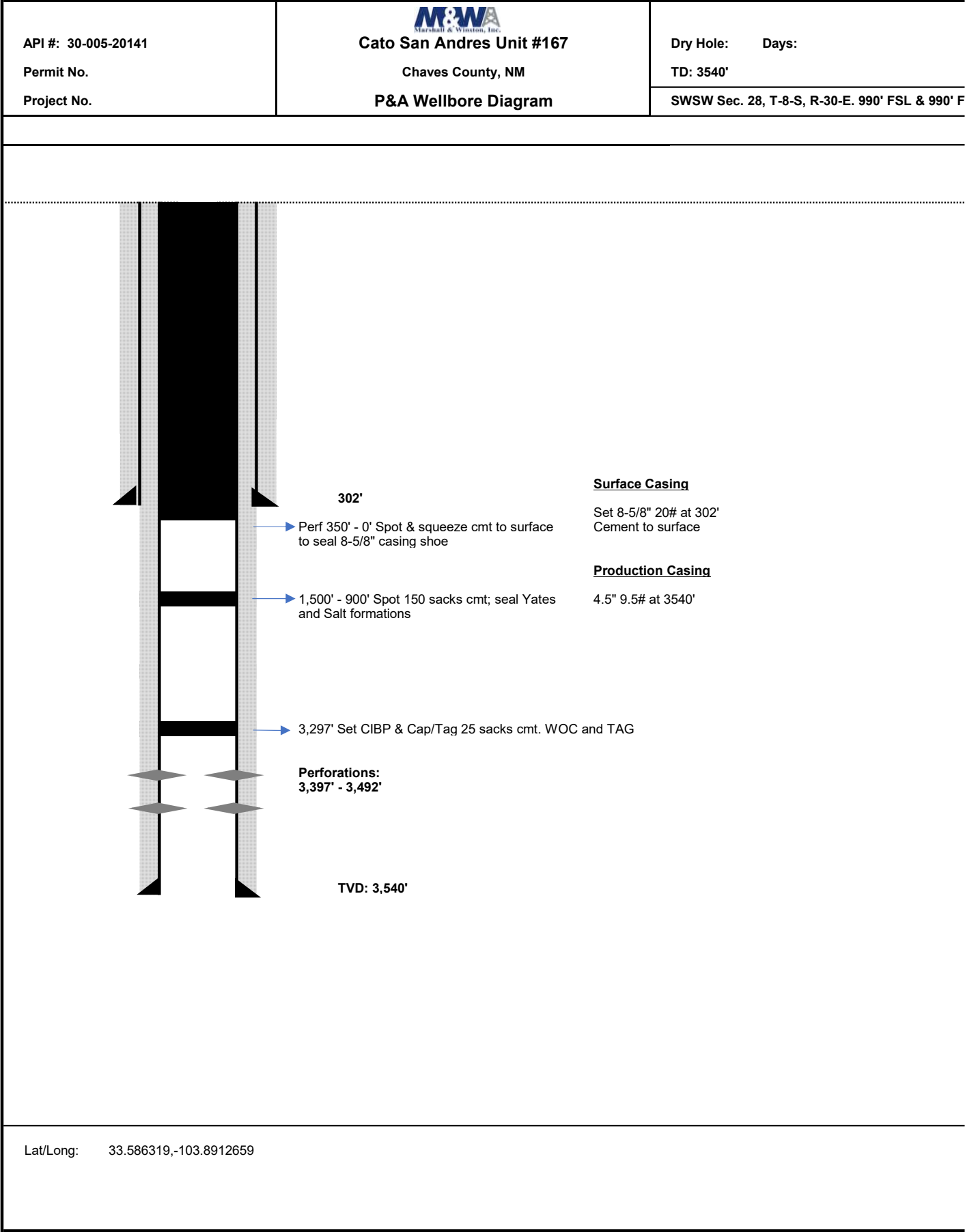
Chaves County, NM / API 30-005- 20141

Marshall & Winston, Inc. respectfully requests permission to plug and abandon this well as follows:

1. Place CIBP at 3,297' (50'-100' above top perf} with minimum of 25 sx of Class C cement on top. WOC and TAG.
2. Place a balanced Class C cement plug from 1,500' – 900' to seal the Yates and Salt formations.
3. Perf at 350' and squeeze Class C cement to surface to seal the 8-5/8" casing shoe.
4. Place Dry hole marker below ground.
5. Complete Surface Reclamation once well bore has been plugged, contact rflores@blm.gov for additional information\_

Notify BLM-Roswell (575) 622-5335 24 hours prior to commencing plugging operations





WL

**Cato San Andres Unit 167  
30-005-20141  
Marshall & Winstons, Inc.  
August 17, 2022  
Conditions of Approval**

- 1. Operator shall place CIBP at 3,297' (50'-100' above top most perf) and place a minimum of 25 sx of Class C cement on top. WOC and TAG.**
- 2. Operator shall place a balanced class C cement plug from 1,600'-1,000' to seal the Yates and Salt formations.**
- 3. Operator shall perf at 350' and squeeze class c cement to surface to seal the 8-5/8" casing shoe.**
- 4. Dry hole marker must be below ground.**
- 5. Surface reclamation will need to be completed once the well bore has been plugged. Please contact [rflores@blm.gov](mailto:rflores@blm.gov) for additional information.**
- 6. See Attached for general plugging stipulations.**

**JAM 08172022**



**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 341863

CONDITIONS

Operator: MARSHALL & WINSTON INC P.O. Box 50880 Midland, TX 79710	OGRID: 14187
	Action Number: 341863
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	During OCDs review it was determined that these wells were plugged without OCD approval. Per 19.15.7.9 NMAC operators are required to obtain OCD approval even for federal minerals. The OCD approves the plugging of the well, but OCD may still investigate compliance actions due to the work being done without approval	10/10/2024