

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021**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. NMNM06245

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 OXY USA WTP LP

3a. Address P O BOX 4294, HOUSTON, TX 77210

3b. Phone No. (include area code)  
(713) 366-5360

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

2 OXY MISTY FED COM/NMNM109698

8. Well Name and No. OXY MISTY FEDERAL/2

9. API Well No. 3001532826

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

SEC 35/T18S/R30E/NMP

10. Field and Pool or Exploratory Area

HACKBERRY-MORROW, NORTH/HACKBERRY-MOR

11. Country or Parish, State

EDDY/NM

## 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"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
<input type="checkbox"/> Final Abandonment Notice	<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 recompleat 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 recompleat 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 detennined that the site is ready for final inspection.)

OXY requests plug and abandon approval for the below well. The current and proposed wellbore diagrams are attached.

1. POOH w/ production equipment and tubing.
2. RIH & set CIBP AT 11656. DUMP BAIL 5 SX CLASS H CMT. WOC-Tag
3. SPOT 50 SX CLASS HCMT 11424-11064.
4. SPOT 25 SX CLASS H CMT 10848-10656.
5. SPOT 25 SX CLASS H CMT 9712-9520.
- 6.SPOT 25 SX CLASS H CMT 8684-8492.
7. SPOT 25 SX CLASS H CMT 7693-7501.
8. PERF & SQZ 40 SX CLASS C CMT 4585-4485.
9. PERF & SQZ 40 SX CLASS C CMT 3138-3038.
10. PERF & SQZ 40 SX CLASS C CMT 2688-2588.
11. PERF & SQZ 40 SX CLASS C CMT 2003-1903.

Continued on page 3 additional information

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

EMILY MESSER / Ph: (713) 497-2076

REGULATORY LEAD

Title

Signature

Date

02/25/2021

Accepted for record – NMOCD gc9/27/2022

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

Approved by

ZOTA M STEVENS / Ph: (575) 234-5998 / Approved

Title Petroleum Engineer

Date

02/24/2021

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 CARLSBAD

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)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Additional Remarks

12. PERF & SQZ 280 SX CLASS C CMT 730-0.

10# MLF between plugs - Above ground steel tanks will be utilized

Formation tops

RUSTLER - 438

TANSILL- 1953

YATES- 2083

SEVEN RIVERS- 2638

QUEEN- 3088

DELAWARE- 4473

1ST BS- 7643

2ND BS- 8634

WOLFCAMP- 9662'

STRAWN- 10798'

ATOKA- 11114'

MORROW- 11374'

### Location of Well

0. SHL: NESW / 1650 FSL / 1980 FWL / TWSP: 18S / RANGE: 30E / SECTION: 35 / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )



## Oxy Misty Federal 2

API# 30-015-32826

### Plug & Abandon

32.7012444, -103.9448242

Mikah Thomas	Regulatory Analyst	432.661.7106
Mason Mumford	Production Engineer	361.877.7998
Levi Harris	Production Engineering Supervisor	720.261.4633
Casey McCain	VP of Operations	432.202.2298
Richard Lawson	Operations Superintendent	432.530.3188
TBD	Wellsite Supervisor (P&A Company Rep)	TBD
David Alvarado	NM OCD – District II Office in Artesia	575.626.0830



**Well Name:** Oxy Misty Federal 2  
**Area:** Hackberry  
**Field:** NM Vertical  
**Job Description:** Plug & Abandon  
**Budget:** Capital  
**AFE:** N/A  
**Job Category:** Abandon  
**Job Type:** Abandon Well  
**R-111-P Area:** No  
**Date:** 6/22/2022

#### Well History:

This well was drilled in 2003 by OXY and originally completed in the Morrow. In 2022, Colgate took over operations.

#### Proposed Job Synopsis:

Per ACO from Oxy acquisition, Colgate will plug and abandon this well. Produced water will not be used during any part of the plugging operation. Squeeze pressures are not to exceed 500psi, unless approval is given by NMOCD. Mud laden fluids must be placed between all cement plugs mixed at 1 sack per 4 bbls of water.

#### Well Details:

KB: Click or tap here to enter text.  
 Perfs: 11,706' – 11,962'  
 PBTD: 12,043'  
 Casing: 5.50", 17#

#### Well Details:

Formation	Top Depths
Salado Salt	689' (MWD)
Base Salt	1,856' (MWD)
Yates Sand	1,970' (MWD)
Delaware Sand	4,417' (MWD)
Bone Springs	5,832' (MWD)
Wolfcamp	9,671' (MWD)
Morrow	11,374' (MWD)



### Simplified Action Plan:

**\*\*Notify NM OCD District II Office in Artesia (575)626-0830 24 hours prior to MIRU to begin P&A operations.\*\***

- Conduct Pre Job Safety Assessment prior to starting work and each significant operation.
- MIRU P&A rig. Dig out cellar. Stage equipment.
- Notify engineering of pressure on 9-5/8" intermediate casing x 5-1/2" production casing annulus. If needed, install a new gauge to record pressure.
- Bleed pressure down, and kill well if necessary with heavy brine.
- ND WH, NU BOP.
- POOH tubing standing back.
  - If tubing test failed prior, RIH with tubing pressure testing and laying down bad jts as they fail.
  - If less than ~11,700' of good tubing, arrange delivery of used tubing to make up difference for workstring.
- MIRU wireline unit. Set 5-1/2" CIBP @ 11,656' (Top Perf Plug) and POOH.
- Load hole and pressure test CIBP and 5-1/2" production casing to 500psi.
  - Alert engineering immediately upon results.
- RIH w/ workstring to 11,655' and circulate well clean with 9.5ppg brine.
- Pump 38 sacks of class C cement slurry for a ~382' plug inside production casing to cover a minimum of 11,324'-11,656'.
- Wash lines clean and POOH to 9,721' (50' below Wolfcamp formation top).
- Pump 25 sacks of class C cement slurry for a ~250' plug inside production casing to cover a minimum of 9,621'-9,721'.
- Wash lines clean and POOH to 5,882' (50' below Bone Springs formation top).
- Pump 25 sacks of class C cement slurry for a ~250' plug inside production casing to cover a minimum of 5,782'-5,882'.
- Wash lines clean and POOH.
- RIH w/ perf guns and shoot perfs @ 4,585' for 50' below Intermediate Casing Shoe.
- RIH w/ workstring and set squeeze packer at 4,367'. Pump 91 sacks of class C cement slurry for a minimum of ~218' plug inside and behind production casing from ~4,367' - ~4,585' to plug off Delaware Sand formation top and Intermediate Casing Shoe.
- Un set packer, wash lines clean and POOH.
- **WOC for 4 hours. RIH and tag TOC.**
- RIH w/ perf guns and shoot perfs @ 2,020' for 50' below Yates Sand formation top.
- RIH w/ workstring and set squeeze packer at 1,806'. Pump 90 sacks of class C cement slurry for a minimum of ~214' plug inside and behind production casing from ~1,806' - ~2,020' to plug off Yates Sand formation top and Base Salt formation top.
- Un set packer, wash lines clean and POOH.
- **WOC for 4 hours. RIH and tag TOC.**
- RIH w/ perf guns and shoot perfs @ 739' for 50' below Salado formation top.
- RIH w/ workstring and set squeeze packer at 630'. Pump 54 sacks of class C cement slurry for a minimum of ~109' plug inside and behind production casing from ~630' - ~739' to plug off Salado formation top and Surface Casing Shoe.

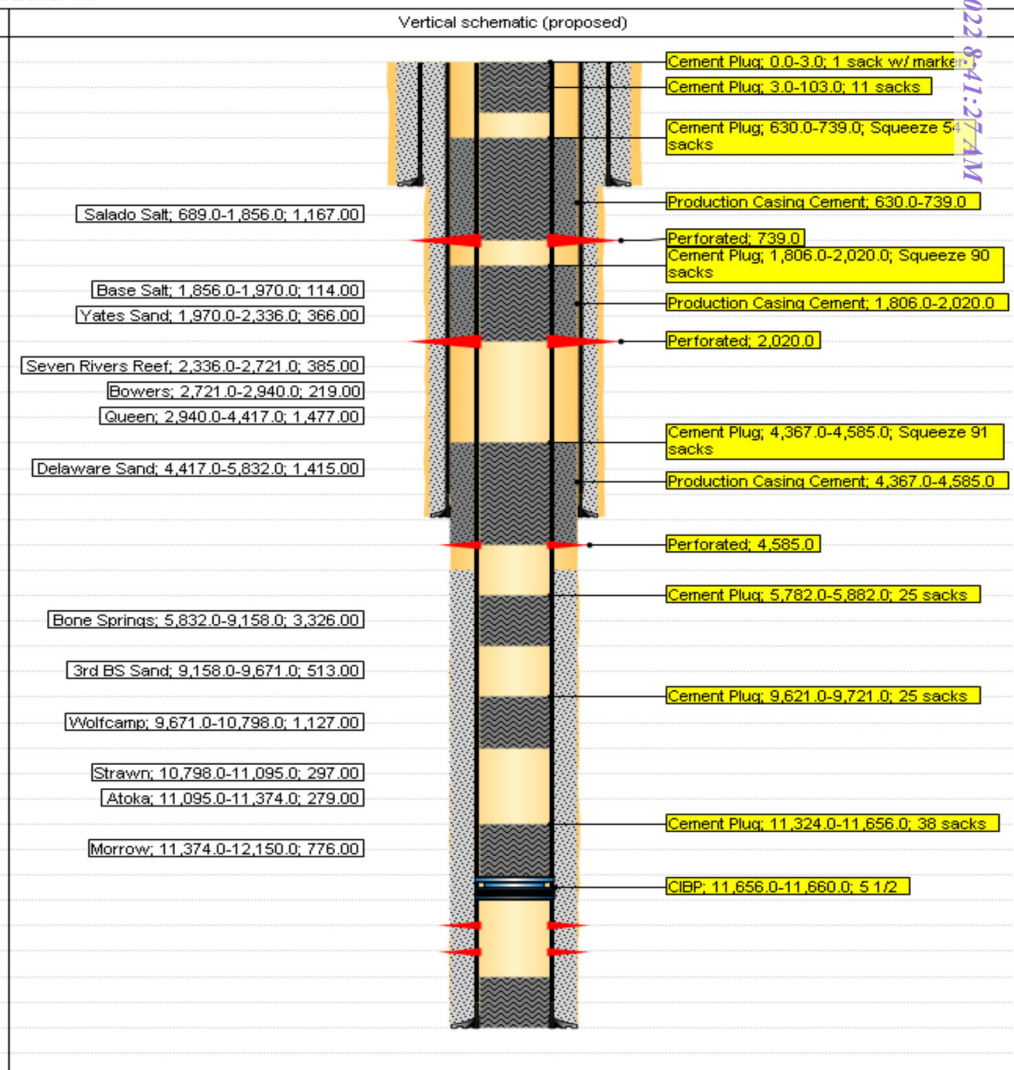
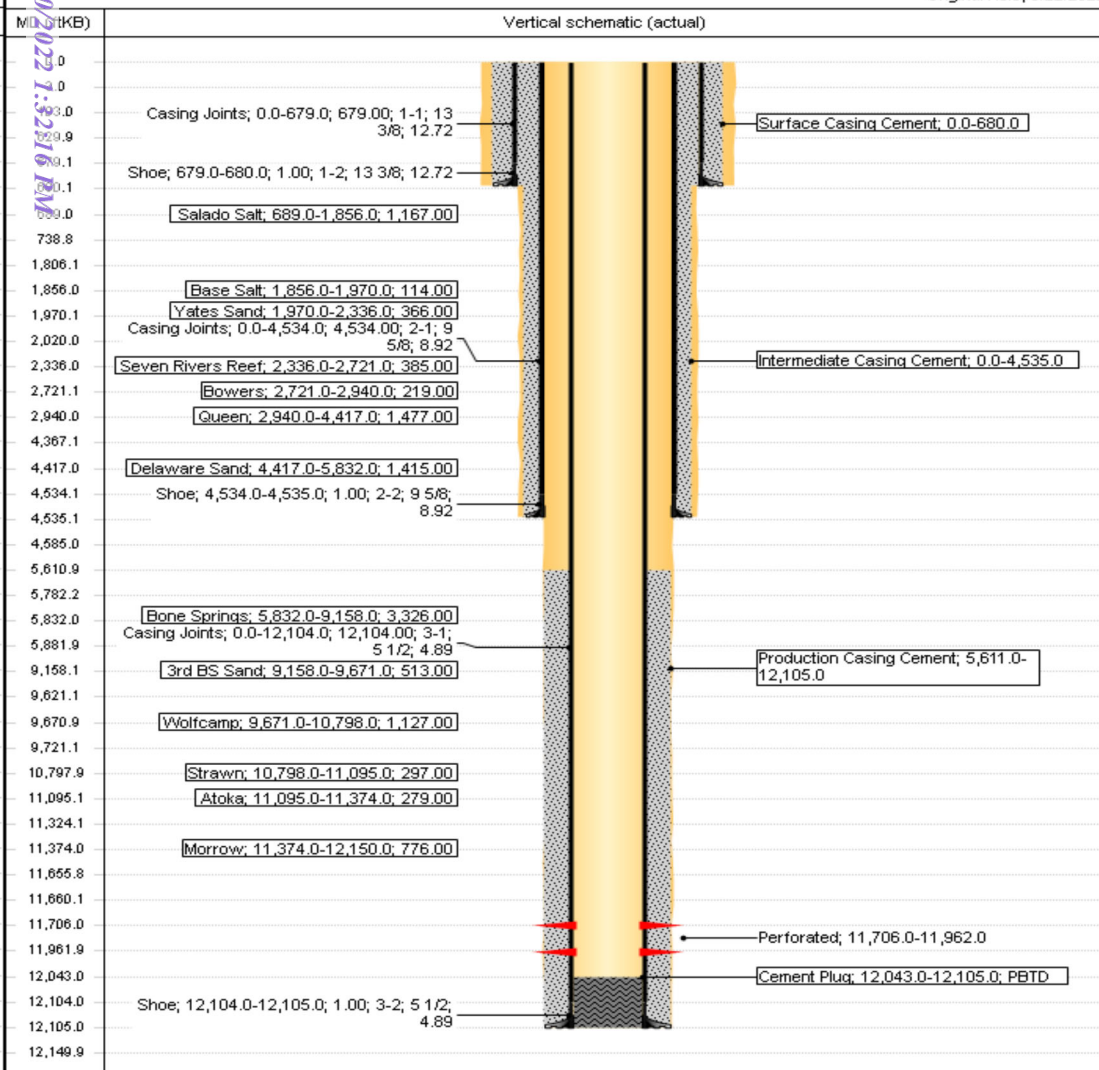


- Un set packer, wash lines clean and POOH.
- **WOC for 4 hours. RIH and tag TOC.**
- POOH w/ workstring to 103'. Pump 11 sacks of class C cement slurry for a 100' plug from 3' - ~103'.
- Wash lines clean and POOH.
- Cut wellhead and stand up steel marker that is no less than 4" in diameter and extending four feet above ground level. Mix 1 sack of cement and set marker in place with with the following information:
- Colgate Operating
- Oxy Misty Federal 2
- 30-015-32826
- Unit K
- 1650 FSL, 1980 FWL
- Sec 35, T18S, R30E
- Plugging Date
- Eddy Co.
- Notify NM OCD that P&A is complete and the P&A rig is leaving location.
- CLEAN LOCATION OF ALL TRASH, DEBRIS, MATERIAL, ETC.
- RDMO P&A rig and equipment.



# P&A Proposal WBD: Oxy Misty Federal 2 - 3001532826

Original Hole, 6/22/2022 2:54:27 PM





**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 146054

CONDITIONS

Operator: COLGATE OPERATING, LLC 300 North Marienfeld Street Midland, TX 79701	OGRID: 371449
	Action Number: 146054
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	9/27/2022