

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM 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.  
- NMNM06293

6. If Indian, Allottee or Tribe Name

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

7. If Unit or CA/Agreement, Name and/or No.  
8910085010

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
INDIAN HILLS UNIT 17

2. Name of Operator  
OXY USA WTP LIMITED PTNRSHIP  
Contact: DAVID STEWART  
E-Mail: david\_stewart@oxy.com

9. API Well No.  
30-015-30661-00-S1

3a. Address  
HOUSTON, TX 77210

3b. Phone No. (include area code)  
Ph: 432-685-5717

10. Field and Pool or Exploratory Area  
INDIAN BASIN-STRAWN

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 28 T21S R24E NWNE 660FNL 2220FEL

11. County or Parish, State  
EDDY COUNTY, 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"/> 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 recomplate 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 recomplate in a new interval, a Form 3160-3 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.

TD-9750' PBD-8172' Perfs-7406-7780'

9-5/8" 36# csg @ 1220' w/ 600sx, 12-1/4" hole, TOC-Surf-Circ  
7" 23-26# csg @ 8200', DVT @ 5960' w/ 1075sx, 8-3/4" hole, TOC-Surf-Circ

GC 11/20/19  
Accepted for record - NMOC

NOV 19 2019

DISTRICT//ARTESIA O.C.D.

- RIH & set CIBP @ 7356' w/ 35sx cmt to 7181'
- M&P 35sx cmt @ 6740-6540' WOC-Tag 6760-6590 (WC)
- Perf @ 6010' sqz 55sx cmt to 5850' WOC-Tag (DVT)
- M&P 35sx cmt @ 5100-4950' WOC-Tag
- M&P 60sx cmt @ 2600-2320' WOC-Tag
- M&P 25sx cmt @ 1270-1155' WOC-Tag
- M&P 150sx cmt @ 760' to surface 800 - Surf

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #489792 verified by the BLM Well Information System  
For OXY USA WTP LIMITED PTNRSHIP, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 10/25/2019 (20DLM0072SE)

Name (Printed/Typed) DAVID STEWART	Title SR. REGULATORY ADVISOR
Signature (Electronic Submission)	Date 10/24/2019

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

Approved By <i>James G. Jones</i>	Title <i>SRET</i>	Date <i>11-2-19</i>
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 <i>CFO</i>

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

*JG*

**Additional data for EC transaction #489792 that would not fit on the form**

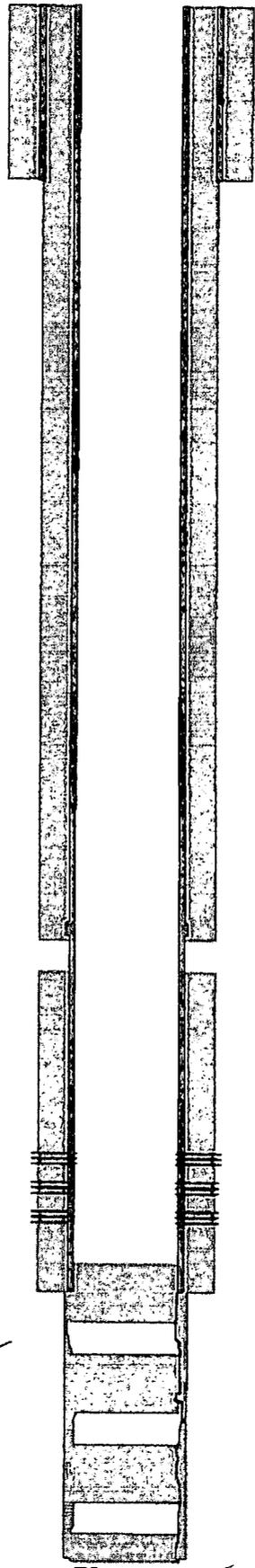
**32. Additional remarks, continued**

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

OXY USA WTP LP - Current  
 Indian Hills Unit #17  
 API No. 30-015-30661

12-1/4" hole @ 1220' ✓  
 9-5/8" csg @ 1220' ✓  
 w/ 600sx-TOC-Surf-Circ ✓

SA 750  
 GI 2390  
 Yeso 2550  
 BS 5095  
 Sand 6586  
 LX 6710  
 LP 7400



2nd Stage Circ.

1st Stage Did not Circ.  
 Toc ?

Perfs @ 7406-7780' ✓

8-3/4" hole @ 8200' ✓  
 7" csg @ 8200' ✓  
 w/ 1075sx-TOC-Surf-Circ  
DVT @ 5960'

1999-35sx @ 8255-8172' ✓  
 1999-35sx @ 8905-8780' ✓  
 1999-35sx @ 9394-9269' ✓

6-1/8" OH @ 8201-9750'

TD-9750' ✓

OXY USA WTP LP - Proposed  
Indian Hills Unit #17  
API No. 30-015-30661

150sx @ 750'-Surface

25sx @ 1270-1155' WOC-Tag

60sx @ 2600-2320' WOC-Tag

35sx @ 5100-4950' WOC-Tag

55sx @ 6010-5850' WOC-Tag

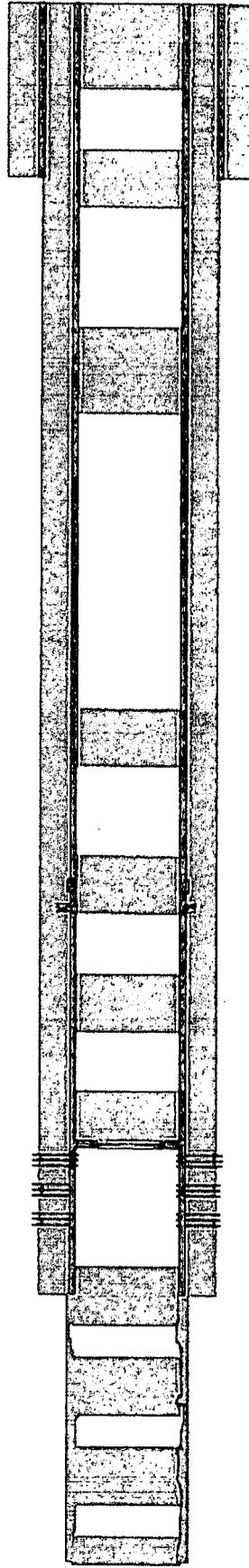
35sx @ 6710-6540' WOC-Tag

CIBP @ 7356' w/ 35sx to 7181'

1999-35sx @ 8255-8172'

1999-35sx @ 8905-8780'

1999-35sx @ 9394-9269'



12-1/4" hole @ 1220'  
9-5/8" csg @ 1220'  
w/ 600sx-TOC-Surf-Circ

Perf @ 6010'

Perfs @ 7406-7780'

8-3/4" hole @ 8200'  
7" csg @ 8200'  
w/ 1075sx-TOC-Surf-Circ  
DVT @ 5960'

6-1/8" OH @ 8201-9750'

TD-9750'

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

Permanent Abandonment of Federal Wells  
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

**BUREAU OF LAND MANAGEMENT**

**Roswell Field Office  
2909 West Second Street  
Roswell, New Mexico 88201  
(575) 627-0272**

**Permanent Abandonment of Production Zone Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from this approval.

**If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**

2. **Notification: Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours or after office hours call (575) 627-0205. Engineer on call during office hours phone (575) 627-0237 or phone (after hours) call (575) 626-5871.**

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**

7. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.