

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB NO 1004-0135  
Expires: November 30, 2000

## 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 reverse side

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

OXY USA WTP Limited Partnership

192463

## 3a. Address

P.O. Box 50250, Midland, TX 79710-0250

## 3b. Phone No. (include area code)

432-685-5717

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

SL - 2180 FSL 760 FEL NESE(I)

BHL - 1788 FSL 1849 FEL NWSE (J)

Sec 9 T18S R29E

## 5. Lease Serial No.

LC059954

## 6. If Indian, Allottee or Tribe Name

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

## 8. Well Name and No.

OXY Colt Federal #1

## 9. API Well No.

30-015-29795

## 10. Field and Pool, or Exploratory Area

Empire Morrow, South

## 11. County or Parish, State

Eddy NM

## 12. CHECK 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"/> Fracture Treat	<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 recompletable 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

TD-11450' PBD-11350' Perfs-10721-10740'

13-3/8" 48# csg @ 400' w/ 750sx, 17-1/2" hole, TOC-Surf-Circ

8-5/8" 24-32# csg @ 3253' w/ 1100sx, 11" hole, TOC-Surf-Circ

4-1/2" 11.6# csg @ 11433' w/ 375sx, 7-7/8" hole, TOC-9383'-CBL

1. RIH & Set CIBP @ 10621'. dump 5sx cmt to 10571' ← see COA  
2. Perf @ 9200' sqz 60sx cmt to 9100' WOC-Tag  
3. CR @ 8500' sqz csg 1k @ 8558-8527' w/60sx cmt to 8400'  
4. Perf @ 6950' sqz 60sx cmt to 6850' WOC-Tag  
5. Perf @ 4100' sqz 60sx cmt to 4000' WOC-Tag  
6. Perf @ 3303' sqz 60sx cmt to 3203' WOC-Tag  
7. Perf @ 1395' sqz 55sx cmt to 1295' WOC-Tag  
8. Perf @ 450' sqz 55sx cmt to 350' WOC-Tag  
9. Perf @ 150' sqz 60sx cmt to Surface  
10# MLF between plugs

Accepted for record  
NMOCSEE ATTACHED FOR  
CONDITIONS OF APPROVAL14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

David Stewart

## Title

Sr. Regulatory Analyst

## Date

6/29/07

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

## Approved by

## Title

## Office

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, makes 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.

APPROVED

## Date

JUL 6 2007

WESLEY W. INGRAM  
PETROLEUM ENGINEER

OXY USA WTP LP - Current  
OXY Colt Federal #1  
API No. 30-015-29795

17-1/2" hole @ 400'  
13-3/8" csg @ 400'  
w/750sx-TOC-Surf-Circ

11" hole @ 3253'  
8-5/8" csg @ 3253'  
w/1100sx-TOC-Surf-Circ

Sidetrack @ 5550'

520sx @ 6842-5550'

300sx @ 7049-6899'

100sx @ 9095-8850'

Accepted for record  
NMOCD

Csg Lk @ 8558-8527'

12.5# Mud

12.5# Mud

TD-11150'

TD-11450'

Perfs @ 10721-10740'

7-7/8" hole @ 11450'  
5-1/2" csg @ 11433'  
w/375sx-TOC-9383'-CBL

**OXY USA WTP LP - Proposed**  
**OXY Colt Federal #1**  
**API No. 30-015-29795**

**60sx @ 150-Surface**

**55sx @ 450-350'WOC-Tag**

**55sx @ 1395-1295'WOC-Tag**

**60sx @ 3303-3203'WOC-Tag**

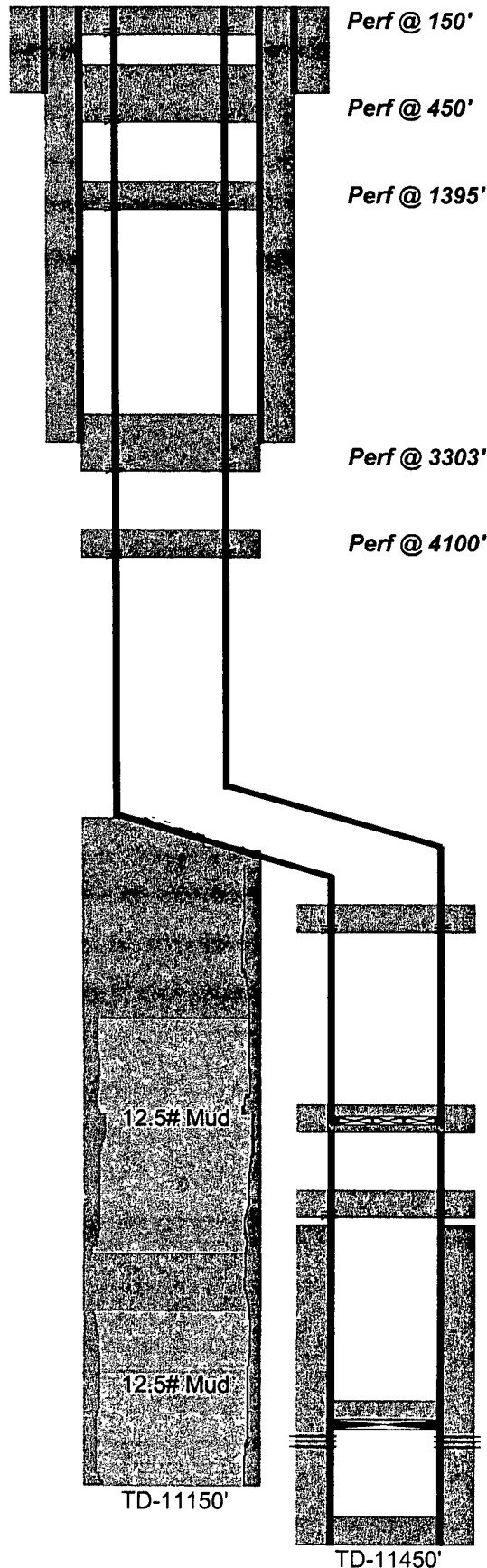
**60sx @ 4100-4000'WOC-Tag**

**Sidetrack @ 5550'**

**520sx @ 6842-5550'**

**300sx @ 7049-6899'**

**100sx @ 9095-8850'**



**Perf @ 150'**

**Perf @ 450'**

**Perf @ 1395'**

**Perf @ 3303'**

**Perf @ 4100'**

17-1/2" hole @ 400'  
 13-3/8" csg @ 400'  
 w/750sx-TOC-Surf-Circ

11" hole @ 3253'  
 8-5/8" csg @ 3253'  
 w/1100sx-TOC-Surf-Circ

**Perf @ 6950' sqz 60sx to 6850' WOC-Tag**

**CR @ 8500' sqz 60sx to 8400'**  
 Csg Lk @ 8558-8527'

**Perf @ 9200' sqz 60sx to 9100' WOC-Tag**

**CIBP @ 10621' w/ 5sx**  
 Perfs @ 10721-10740'

7-7/8" hole @ 11450'  
 5-1/2" csg @ 11433'  
 w/375sx-TOC-9383'-CBL

**OXY Colt Federal #1  
OXY USA WTP Limited Partnership  
Plug and Abandonment Procedure  
July 6, 2007  
Conditions of Approval**

**Step 1 Dump 25 sacks (NMOCD) – Class H**

**Step 2 Plug to be a minimum of 100' plus 10% for each 1000 feet of depth. A 190 foot plug is required at this depth and Class H cement shall be used. The 60 sacks of cement should provide this length of plug. Top of plug should be 9090' or shallower to provide adequate coverage above the Wolfcamp. WOC(4 hrs)/Tag.**

**Step 3 Plug to be a minimum of 100' plus 10% for each 1000 feet of depth. A 190 foot plug is required at this depth and Class H cement shall be used. The 60 sacks of cement should provide this length of plug.**

**Step 4 Plug to be a minimum of 100' plus 10% for each 1000 feet of depth. A 170 foot plug is required at this depth and Class C cement shall be used. The 60 sacks of cement should provide this length of plug. WOC(4 hrs)/Tag.**

**Step 5 Plug to be a minimum of 100' plus 10% for each 1000 feet of depth. A 140 foot plug is required at this depth and Class C cement shall be used. The 60 sacks of cement should provide this length of plug. Top of Bone Spring. WOC(4 hrs)/Tag.**

**Step 6 Plug to be a minimum of 100' plus 10% for each 1000 feet of depth. A 135 foot plug is required at this depth and Class C cement shall be used. The 60 sacks of cement should provide this length of plug. Intermediate casing shoe. WOC(4 hrs)/Tag.**

**Step 7 Plug to be a minimum of 100' plus 10% for each 1000 feet of depth. A 115 foot plug is required at this depth and Class C cement shall be used. The 55 sacks of cement should provide this length of plug. Top of Seven Rivers. WOC(4 hrs)/Tag.**

**Step 7a Plug required at top of Yates/Base of Salt. Perf at 780' and place plug, which is to be a minimum of 100' and a minimum of 25 sacks. Estimating 30 sacks for this plug. Top of plug to be 680' or shallower. WOC(4 hrs)/Tag.**

**Step 8 Ok, lengthen plug to be 50' above Top of Salt at 345'. Top of plug to be 295' or shallower. The 55 sack plug should achieve this height. WOC(4 hrs)/Tag.**

**Step 9 Ok**

**Step 10 Install dry hole marker and clean location.**

**WW1 070607**

**Accepted for record  
NMOCD**

**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
505-234-5972**

**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.**

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 505-627-0272; Eddy County, call 505-361-2822; Lea County, call 505-393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. 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 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. In lieu of a cement plug in a cased hole, 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.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C", for up to 7,500 feet of depth, mixed at 14.8 lbs/gal with 6.3 gallons of fresh water per sack or class "H", for deeper than 7,500 feet plugs, mixed at 16.4 lbs/gal with 4.3 gallons of fresh water per sack.

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 well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. 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 five 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 conditions of approval will be developed and furnished to you.

**Accepted for record  
NMOCD**



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
620 E. Greene St.  
Carlsbad, NM 88220

**Interim Reclamation Procedures for Permanently Abandoned Federal Wells**

1. After Subsequent Report of Abandonment, Form 3160-5, is filed and approved by the BLM the surface protection specialist (SPS) will conduct a surface inspection of the abandonment. The SPS will establish the reclamation requirements the operator will need to complete. **DO NOT START RECLAMATION UNTIL THE SPS HAS INSPECTED THE LOCATION.**

2. The reclamation requirements will be given to an environmental protection specialist (EPS). The EPS will issue the operator a Notice of Written Order outlining the reclamation requirements. **DO NOT START RECLAMATION UNTIL A NOTICE OF WRITTEN ORDER FOR RECLAMATION HAS BEEN RECEIVED.** The EPS will be responsible for all further abandonment work and inspections.

3. **Notification: CONTACT THE EPS 3 DAYS PRIOR TO RECLAMATION WORK.** This notification gives the EPS an opportunity to discuss by phone or on location the reclamation requirements, any special concerns and the timeframes. It also allows the EPS an opportunity to witness various aspects of the reclamation work to determine if an adequate seedbed has been prepared and all reclamation requirements have been completed. **CONTACT THE EPS AT LEAST 3 DAYS PRIOR TO SEEDING.** This allows the EPS to witness the seeding operation to make sure the location is seeded properly and with the appropriate seed mixture. **DO NOT START RECLAMATION UNTIL THE EPS HAS BEEN NOTIFIED.**

4. After reclamation work has been completed, submit the **I & E copy of the Notice of Written Order** to the BLM. It will need to be signed by a company representative and dated. Also submit one original and five copies of the **Final Abandonment Notice, Form 3160-5.** The report should state that all reclamation work has been completed, and the location is ready for a final abandonment inspection.

5. The BLM will continue to monitor the location to ensure the location vegetates successfully, and salts from the reserve pit do not leach to the surface. The location will be monitored until such time as vegetation (20%) is established evenly across the location (including the reserve pit and access road). Once EPS determines that vegetation (20%) is evenly spread across the location, final abandonment will be authorized.

If there are any questions please feel free to contact any of the following:

Jim Amos  
Supervisory Environmental Protection Specialist  
(505) 234-5909

Barry Hunt  
Surface Protection Specialist  
(505) 234-5965

Todd Suter  
Surface Protection Specialist  
(505) 234-5987

Trishia Bad Bear  
Natural Resource Specialist – Lea County  
(505) 393-3612

Cody Layton  
Natural Resource Specialist  
(505) 234-5959

Paul Evans  
Environmental Protection Specialist  
(505) 234-5977

Terry Gregston  
Environmental Protection Specialist  
(505) 234-5958

Accepted for record  
NMOCD

10/18/2006