

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-30339
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator OXY USA WTP Limited Partnership		6. State Oil & Gas Lease No. 2029-61
3. Address of Operator P.O. Box 50250 Midland, TX 79710		7. Lease Name or Unit Agreement Name Oxy Duchess State
4. Well Location Unit Letter <u>F</u> : <u>1980</u> feet from the <u>north</u> line and <u>1980</u> feet from the <u>west</u> line Section <u>14</u> Township <u>17S</u> Range <u>27E</u> NMPM County <u>Elly</u>		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3451'		9. OGRID Number 192463
		10. Pool name or Wildcat Logan Draw Morrow

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

**NOTICE OF INTENTION TO:**  
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

**SUBSEQUENT REPORT OF:**  
REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14.NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

TD-9572' PBTD-9521' Perfs-9276-9314'  
8-5/8" 32# csg @ 1492' w/ 940sx, 12-1/4" hole, TOC-Surf-Circ  
4-1/2" 11.6# csg @ 9572' w/ 675sx, 7-7/8" hole, TOC-6570'-CBL  
1. RIH & set CIBP @ 9226', M&P 25sx cmt to 8975'  
2. M&P 25sx cmt @ 8690-8440' WOC-Tag  
3. M&P 25sx cmt @ 8070-7820' WOC-Tag  
4. Perf @ 6250', sqz 35sx cmt to 6150' WOC-Tag  
5. Perf @ 5075', sqz 35sx cmt to 4975' WOC-Tag  
6. Perf @ 3050', sqz 35sx cmt to 2950' WOC-Tag  
7. Perf @ 1542', sqz 35sx cmt to 1442' WOC-Tag  
8. Perf @ 250' sqz 85sx cmt to surface  
10# MLF between plugs  
Above ground steel tanks will be utilized

Approved for plugging of well bore only.  
Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms. www.emurd.state.nm.us/oed.

NM OIL CONSERVATION  
ARTESIA DISTRICT

DEC 30 2015

RECEIVED

Spud Date:

Rig Release Date:

well bore must be plugged by 1-4-2017

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

*David Stewart*

TITLE

Sr. Regulatory Advisor

DATE

12/21/15

Type or print name

David Stewart

E-mail address:

david.stewart@oxy.com

PHONE:

432-685-5717

For State Use Only

APPROVED BY:

*R Wade*

TITLE

Dist. Supervisor

DATE

1/4/2016

Conditions of Approval (if any):

*See Attached COA's*

OXY USA WTP LP - Proposed  
OXY Duchess State #1  
API No. 30-015-30339

85sx @ 250'-Surface

35sx @ 1542-1442' WOC-Tag

35sx @ 3050-2950' WOC-Tag

35sx @ 5075-4975' WOC-Tag

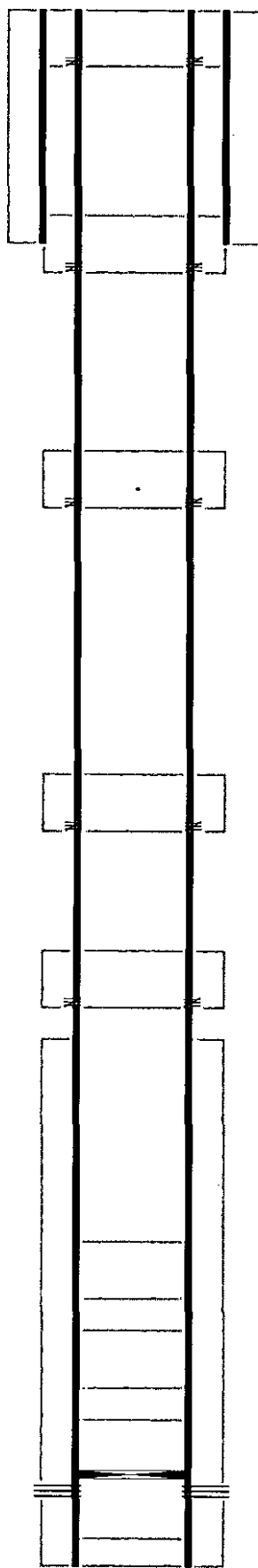
35sx @ 6250-6150' WOC-Tag

25sx @ 8070-7820' WOC-Tag

25sx @ 8690-8440' WOC-Tag

CIBP @ 9226' w/ 25sx to 8975'

PB-9521'



Perf @ 250'

Perf @ 1542'

Perf @ 3050'

Perf @ 5075'

Perf @ 6250'

Perfs @ 9276-9314'

12-1/4" hole @ 1492'  
8-5/8" csg @ 1492'  
w/ 940sx-TOC-Surf-Circ

7-7/8" hole @ 9572'  
4-1/2" csg @ 9572'  
w/ 675sx-TOC-6570'-CBL

TD-9572'

OXY USA WTP LP - Current  
OXY Duchess State #1  
API No. 30-015-30339

12-1/4" hole @ 1492'  
8-5/8" csg @ 1492'  
w/ 940sx-TOC-Surf-Circ

7-7/8" hole @ 9572' .  
4-1/2" csg @ 9572'  
w/ 675sx-TOC-6570'-CBL

Perfs @ 9276-9314'

PB-9521'

TD-9572'

NEW MEXICO OIL CONSERVATION DIVISION  
DISTRICT 2 OFFICE  
811 S. FIRST STREET  
ARTESIA, NM 88210  
(575)748-1283

**CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT**

Operator: OXY USA  
Well Name & Number: Oxy Duchess State 1  
API #: 30-015-30339

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
8. **Cement Retainers may not be used.**
9. **Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.**
10. **Plugs may be combined after consulting with and getting approval from NMOCD.**
11. **Minimum WOC time for tag plugs will be 4 Hrs.**
12. **19.15.7.16 : B.** In the case of a dry hole, a complete record of the well on form C-105 with the attachments listed in Subsection A of 19.15.7.16 NMAC shall accompany the notice of intention to plug the well, unless previously filed. The division shall not approve the plugging report or release the bond the operator has complied with 19.15.7.16 NMAC.

DATE: 1/4/2016

APPROVED BY: RD

### N.M.O.C.D.- Guidelines For Plugging

- All cement plugs will be a minimum of 100' in length, or a minimum of 25sx. Of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sx. Of gel per 100 bbls. Of water.
- A cement plug is required to be set 50' below, and 50' above all casing shoes, and casing stubs. **These plugs must be tagged.**
- A CIBP with 35' of cement on top, may be set instead of 100' plug.
- A plug as indicated above, must be placed within 100' of top perforation. **This plug must be tagged.**
- Plugs set above and below all salt zones, **must be tagged.**
- No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.
- D.V. tools are required to have a 100' cement plug set 50' above, and 50' below the tool. **This plug must be tagged.**

Formations to be isolated with plugs placed at the top of each formation are:

- Fusselman
- Devonian
- Morrow
- Wolfcamp
- Bone Springs
- Delaware
- Any salt section (plug at top and bottom)
- Abo
- Glorietta
- Yates ( this plug is usually at base of salt section)

If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths, or casing must be perforated and squeezed behind casing at the formation depths.

In the R-111P area (Potash mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.