

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 August 1, 2011

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. 30-015-33702
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input 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 Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 50250 Midland, TX 79710		7. Lease Name or Unit Agreement Name Spurck 16 State
4. Well Location Unit Letter <u>D</u> : <u>660</u> feet from the <u>north</u> line and <u>330</u> feet from the <u>west</u> line Section <u>16</u> Township <u>17S</u> Range <u>2SE</u> NMPM County <u>Edly</u>		8. Well Number <u>4</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3549'</u>		9. OGRID Number <u>16696</u>
		10. Pool name or Wildcat <u>Red Lake Shore Glorieta Yeso</u>

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 ☐

REMEDIAL  
COMMENTS  
CASING/C

Current forms are available on our  
website and should be used when  
filing regulatory documents.

OTHER: ☐

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-4050' PBTD-3811' Perfs-3378-3600'

8-5/8" 24# csg @ 490' w/ 350sx, 12-1/4" hole, TOC-Surf-Circ

5-1/2" 15.5# csg @ 4047' w/ 980sx, 7-7/8" hole, TOC-Surf-Circ

1. RIH & set CIBP @ 3328', M&P 25sx cmt to 3178'

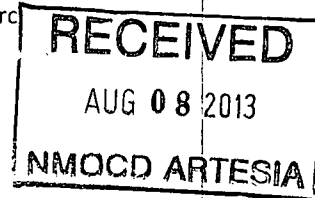
2. M&P 25sx cmt @ 2760-2610' WOC-Tag

3. M&P 25sx cmt @ 1200-1050' WOC-Tag

4. M&P 25sx cmt @ 570-420' WOC-Tag

5. M&P 35sx @ 250' to surface

10# MLF between plugs



CONDITIONS OF APPROVAL ATTACHED

Spud Date:

Rig Release Date:

Approval Granted providing work is  
Completed by

Aug 22, 2014

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

SIGNATURE

TITLE Regulatory Advisor

DATE 8/5/13

Type or print name

David Stewart

E-mail address: david.stewart@oxy.com

PHONE: 432-685-5717

For State Use Only

APPROVED BY:

LR Dade

TITLE Dr. P. Spewer

DATE Aug 22, 2013

Conditions of Approval (if any):

★ See ATTACHED COA's

OXY USA Inc. - Proposed  
Spurck 16 State #4  
API No. 30-015-33702

**35sx @ 250'-surface**

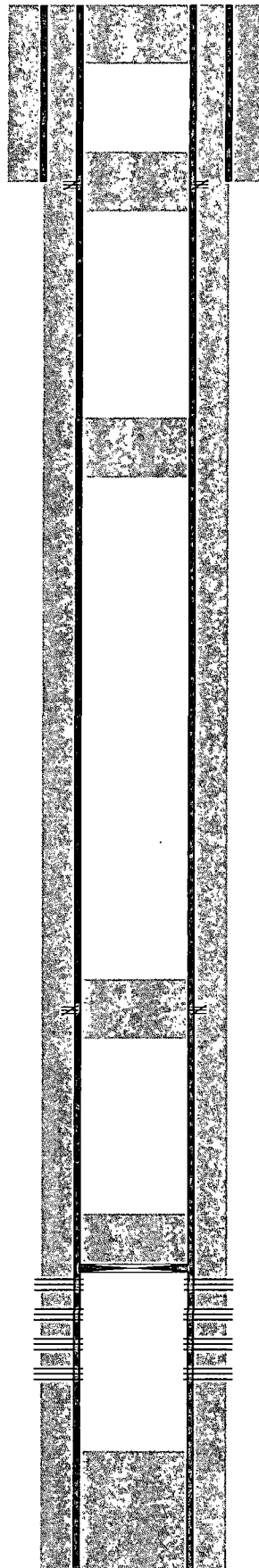
**25sx @ 570-420' WOC-Tag**

**25sx @ 1200-1050' WOC-Tag**

**25sx 2760-2610' WOC-Tag**

**CIBP @ 3328' w/ 25sx to 3178'**

PB-3811'



12-1/4" hole @ 490'  
8-5/8" csg @ 490'  
w/ 350sx-TOC-Surf-Circ

2005-Perf @ 494' sqz 250sx cmt

2005-Perf @ 2680-2684' sqz 250sx cmt

Perfs @ 3378-3600'

7-7/8" hole @ 4050'  
5-1/2" csg @ 4047'  
w/ 980sx-TOC-Surf-Circ

TD-4050'

OXY USA Inc. - Current  
Spurck 16 State #4  
API No. 30-015-33702

12-1/4" hole @ 490'  
8-5/8" csg @ 490'  
w/ 350sx-TOC-Surf-Circ

Perf @ 494' sqz 250sx cmt

Perf @ 2680-2684' sqz 250sx cmt

Perfs @ 3378-3600'

7-7/8" hole @ 4050'  
5-1/2" csg @ 4047'  
w/ 980sx-TOC-Surf-Circ

PB-3811'

TD-4050'

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, Inc

Well Name & Number: Spurck 116 State 4

API #: 30-015-33702

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 perms, 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.

DATE: Aug 22, 2013

APPROVED BY: RWade

## GUIDELINES FOR PLUGGING AND ABANDONMENT

### DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks 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 stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.
- Formations to be isolated with plugs placed at the top of each formation are:
  - Fusselman
  - Devonian
  - Morrow
  - Wolfcamp
  - Bone Spring
  - Delaware
  - Any Salt Section (Plug at top and bottom)
  - Abo
  - Glorieta
  - 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 cement squeezed behind casing at the formation depths.
- In the R-111-P 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 (50' below and 50' above).

New Pit Rule 19.15.17.9 has been posted and made effective June 28, 2013. In part, the new rule states:

**“19.15.17.9 PERMIT APPLICATION AND REGISTRATION:**

**A.** An operator shall use the appropriate form C-144 to apply to the division for a permit to construct or use a pit or proposed alternative method, or to register a below-grade tank. The operator shall submit the form C-144 either separately or as an attachment to a permit application for a facility with which the pit, below-grade tank or proposed alternative method will be associated. An operator shall use a C-101, C-103 or applicable Bureau of Land Management form to notify the appropriate division district office of construction or use of a closed-loop system.”

The documents attached are being returned to you for resubmittal on the appropriate form as stated above. If you have any questions or concerns, please notify Randy Dade, (575) 748-1283 ext 102, or Mike Bratcher, (575) 748-1283 ext 108. Existing permits which were approved prior to 6-28-13 will be closed as outlined under the old rule.

The rule in its entirety may be reviewed on our website [www.emnrd.state.nm.us](http://www.emnrd.state.nm.us) under “RULES”.