

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

WELL API NO. 30-015-24452
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Lightfoot
8. Well Number 1
9. OGRID Number 16696
10. Pool name or Wildcat Malaga Delaware
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2977'

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (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.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
OXY USA Inc.

3. Address of Operator  
P.O. Box 50250 Midland, TX 79710

4. Well Location  
Unit Letter J : 1780 feet from the South line and 2460 feet from the East line  
Section 14 Township 24S Range 28E NMPM County Eddy

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

<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
PLUG AND ABANDON <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
MULTIPLE COMPL <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>	
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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-13000' PBD-5093' Perfs-4958-4993' CIBP-5093'  
 20" 94# csg @ 623' w/ 1380sx, 26" hole, TOC-Surf-Circ  
 13-3/8" 54.5-61# csg @ 2623' w/ 2800sx, 17-1/2" hole, TOC-Surf-Circ  
 9-5/8" 40-43.5# csg @ 9772' DVT @ 5819' w/ 2460sx, 12-1/4" hole, TOC-3100'-TS  
 5-1/2" 17# liner @ 9369-12882' w/ 1320sx, 8-1/2" hole, TOC-9369'-Circ

1. RIH, tag & drill out CIBP @ 5093'
2. RIH & tag CIBP @ 6075', M&P 135sx cmt to 5769'
3. RIH & set CIBP @ 4910' M&P 45sx cmt to 4810'
4. Perf @ 2673', sqz 80sx cmt to 2573' WOC-Tag
5. Perf @ 673', sqz 80sx cmt to 573' WOC-Tag
6. Perf @ 150', sqz 120sx cmt to surface

10# MLF between plugs

**RECEIVED**  
 JUN 11 2013  
 RESIA

CONDITIONS OF APPROVAL ATTACHED

Rig Release Date:  Approval Granted providing work is Completed by

June 12-2013

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 Perms. www.emand.state.nm.us/ocd.

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

SIGNATURE David Stewart TITLE Regulatory Advisor DATE 6/10/13

Type or print name David Stewart E-mail address: david.stewart@oxy.com PHONE: 432-685-5717

**For State Use Only**

APPROVED BY: David Stewart TITLE David Stewart DATE 6/12/2013

Conditions of Approval (if any):

SEE ATTACHED COA'S

OXY USA Inc. - Proposed  
Lightfoot Com #1  
API No. 30-015-24452

120sx @ 150'-Surface

80sx @ 673-573' WOC-Tag

80sx @ 2673-2573' WOC-Tag

CIBP @ 4910' w/ 45sx

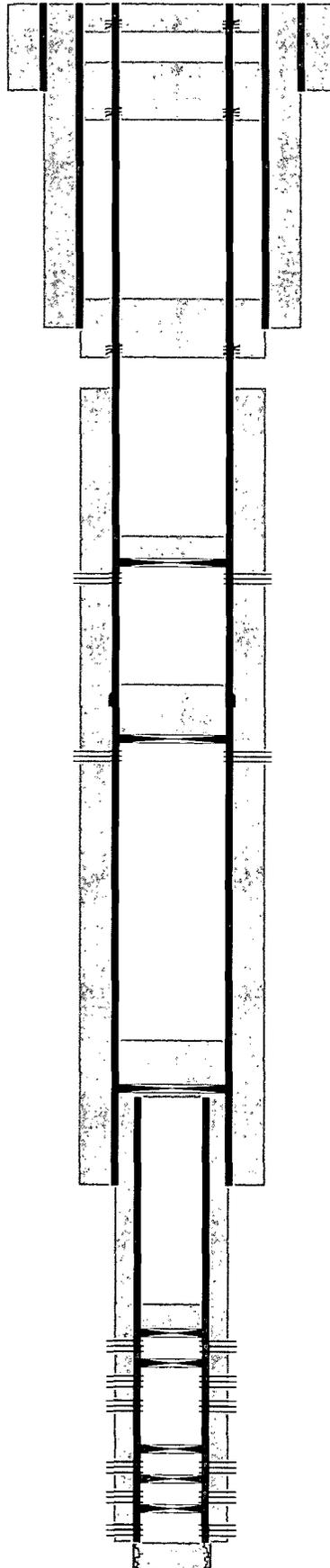
135sx @ 6075-5769'  
3/02-CIBP @ 6075'

12/95-M&P 70sx cmt 9330-9130'  
8/87-CIBP @ 9330'

8/87-CIBP @ 11460' w/ 35' cmt

9/83-CIBP @ 11590'

9/83-CIBP @ 12060' w/ 35' cmt  
8/83-CIBP @ 12425' w/ 32' cmt  
8/83-CIBP @ 12610'



Perf @ 150'

Perf @ 673'

Perf @ 2673'

12/10-Perfs @ 4958-4993'

12/95-Perfs @ 6104-6140'

Perfs @ 11520-11526'

Perfs @ 11606-11865'

Perfs @ 12100-12138'

Perfs @ 12460-12471'

Perfs @ 12655-12744'

26" hole @ 623'  
20" csg @ 623'  
w/ 1380sx-TOC-Surf-Circ

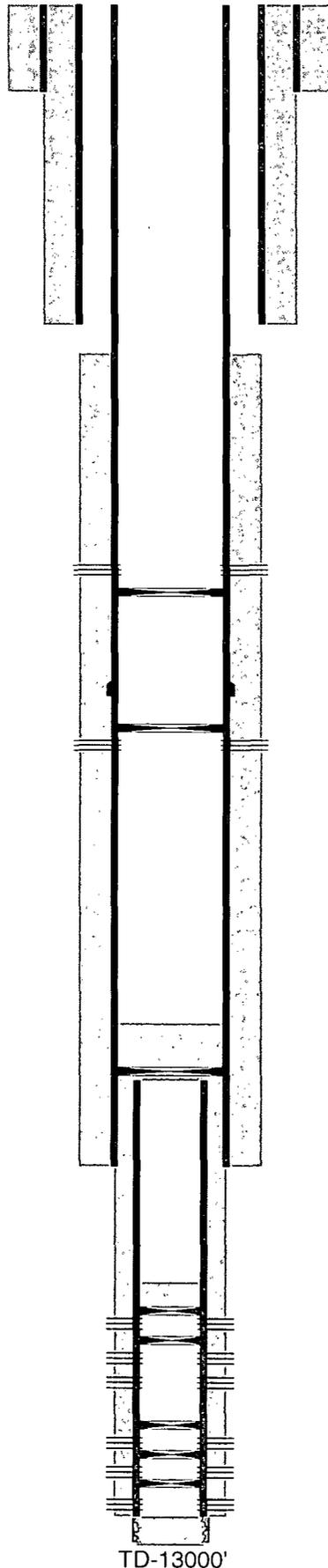
17-1/2" hole @ 2623'  
13-3/8" csg @ 2623'  
w/ 2800sx-TOC-Surf-Circ

12-1/4" hole @ 9772'  
9-5/8" csg @ 9772'  
DVT @ 5819'  
1st w/ 1375sx-TOC-5814'-Circ  
2nd w/ 1085sx-TOC-3100'-TS

8-1/2" hole @ 13000'  
5-1/2" liner @ 9369-12882'  
w/ 1320sx-TOC-9369'-Circ

TD-13000'

OXY USA Inc. - Current  
Lightfoot Com #1  
API No. 30-015-24452



26" hole @ 623'  
20" csg @ 623'  
w/ 1380sx-TOC-Surf-Circ

17-1/2" hole @ 2623'  
13-3/8" csg @ 2623'  
w/ 2800sx-TOC-Surf-Circ

12/10-CIBP @ 5093'

3/02-CIBP @ 6075'

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1st w/ 1375sx-TOC-5814'-Circ  
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8/87-CIBP @ 11460' w/ 35' cmt

9/83-CIBP @ 11590'

Perfs @ 11520-11526'

Perfs @ 11606-11865'

9/83-CIBP @ 12060' w/ 35' cmt

8/83-CIBP @ 12425' w/ 32' cmt

8/83-CIBP @ 12610'

Perfs @ 12100-12138'

Perfs @ 12460-12471'

Perfs @ 12655-12744'

TD-13000'

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: Highfoot #1

API #: 30-015-24452

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: 6/12/2013

APPROVED BY:

A handwritten signature in black ink, appearing to read "A. Dade", written over the "APPROVED BY:" text.

## 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 plus 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).