

NM OIL CONSERVATION

ARTESIA DISTRICT

NOV 07 2016

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

WELL API NO.
30-015-28938

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

OXY SPIKE

8. Well Number 1

9. OGRID Number
160825

10. Pool name or Wildcat

FRONTIER HILLS; STRAWN (GAS)

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 ☒ Other2. Name of Operator
BC OPERATING, INC.3. Address of Operator P.O. BOX 50820
MIDLAND, TX 79710

4. Well Location

Unit Letter H : 1980 feet from the NORTH line and 660 feet from the EAST line
Section 33 Township 23S Range 26E NMPM EDDY County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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.

10/22/2016 - 2nd SQUEEZE PROCEDURE STARTED AND FINISHED

SEE ATTACHED RESULTS AND WELLBORE DIAGRAM

Spud Date:

Rig Release Date:

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

SIGNATURE



TITLE REGULATORY ANALYST

DATE 11.7.2016

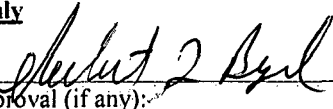
Type or print name

SARAH PRESLEY

E-mail address: SPRESLEY@BCOPERATING.COM PHONE:

For State Use Only

APPROVED BY:



TITLE COMPLIANCE OFFICER

DATE 11/8/2016

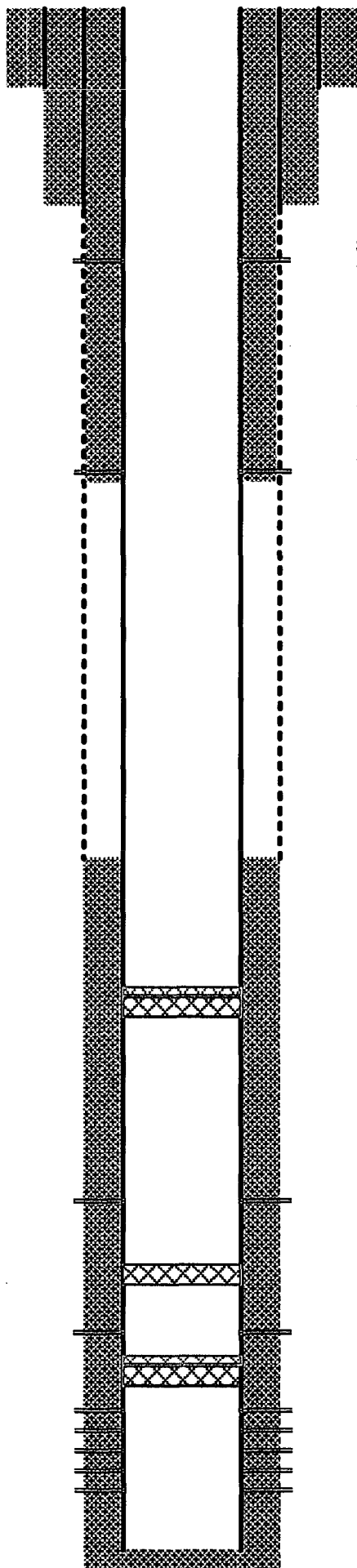
Conditions of Approval (if any):

Oxy Spike #1

Second squeeze results

The initial cement squeeze failed to bring cement up into the 8 5/8" intermediate. The top of cement came up to 3,480' with the 8 5/8" casing shoe at 3,050'.

- Perforated 4 squeeze holes at 3,450'.
- Established injection rate into squeeze perforations to surface.
- Pumped the following down casing as follows:
 - Mixed and pumped 300 sacks of 65/35 Class C/Pozmix containing 6% Gel.
 - Mixed and pumped 200 sacks of Class "C" neat cement.
 - 834 ft³ calculated
- Circulated 76 sacks cement to surface.
- Shut well in 24 hours
- Drillout cement and tested squeeze to 500 psi.
- Retrieved bridge plug.
- Set production packer at 10,334'.
- Returned well to production.



13 3/8" 48# @ 400' Circ to surface

8 5/8" 24# & 32# @ 3,020' Circ to surface

Squeeze #2 holes @ 3,450'

TOC

First Squeeze @ 3,465'

Second Squeeze @ Surface (circ 76 sx)

Cement Retainer @ ± 4,950'

Squeeze #1 holes @ ± 5,000'

TOC @ 9,590' (CBL)

Bridge Plug @ ± 9,800' w/35' sand

Packer @ 10,337'

2 3/4" Tubing - EOT @ 10,400'

Strawn Perfs 10,470' to 10,480' 2013

RBP @ 10,990'

Atoka Perfs 11,100' to 11,106' 2013

CIBP @ 11,220' w/25' cmt

Morrow Perfs 11,285' to 11,299' 1996

Morrow Perfs 11,557' to 11,581' 2013

Morrow Perfs 11,628' to 11,634' 2013

Morrow Perfs 11,741' to 11,748' 1996

Morrow Perfs 11,773' to 11,776' 1996

5 1/2" 17# - 20# @ 12,026' TOC @ 9,590' (CBL)

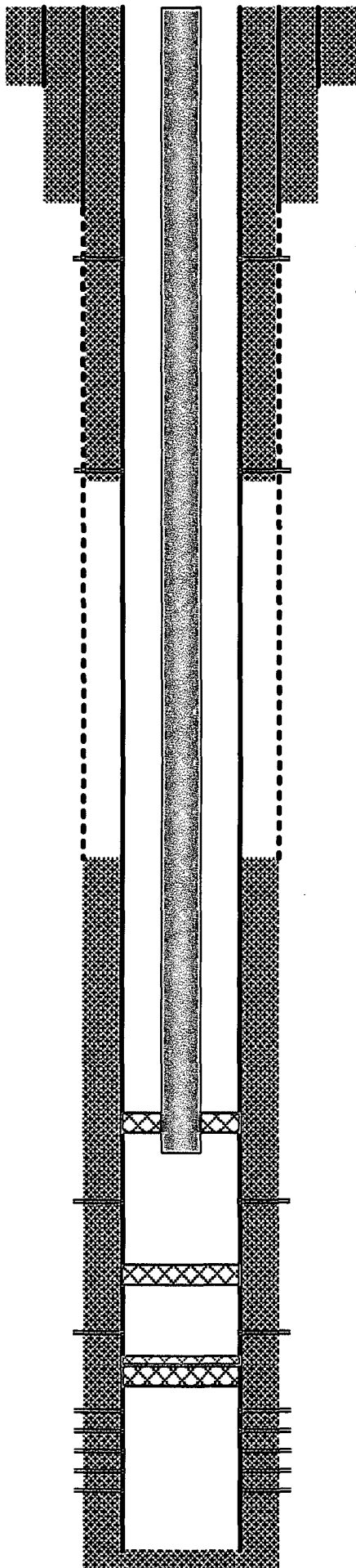
Spike #1

Second Squeeze Job

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13 3/8" 48# @ 400' Circ to surface

8 5/8" 24# & 32# @ 3,020' Circ to surface

Squeeze #2 holes @ 3,450'

TOC

- First Squeeze @ 3,465'
- Second Squeeze @ Surface (circ 76 sx)

Cement Retainer @ ± 4,950'

Squeeze #1 holes @ ± 5,000'

TOC @ 9,590' (CBL)

Packer @ 10,334' (left hand set)

2 3/8" 4.7 #/ft 8rd L80 Tubing

Strawn Perfs 10,470' to 10,480' 2013

RBP @ 10,990'

Atoka Perfs 11,100' to 11,106' 2013

CIBP @ 11,220' w/25' cmt

Morrow Perfs 11,285' to 11,299' 1996
 Morrow Perfs 11,557' to 11,581' 2013
 Morrow Perfs 11,628' to 11,634' 2013
 Morrow Perfs 11,741' to 11,748' 1996
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5 1/2" 17# - 20# @ 12,026' TOC @ 9,590' (CBL)

Spike #1

On Production
 (October 26, 2016)

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