

Submit 1 Copy To Appropriate District Office
District I - (575) 748-1283
District II - (575) 748-1283
District III - (505) 334-6178
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

NM OIL CONSERVATION State of New Mexico
Energy, Minerals and Natural Resources
ARTESIA DISTRICT
NOV 07 2016
RECEIVED
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-015-28938	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
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)	
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.

BC OPERATING, INC. RESPECTFULLY REQUESTS APPROVAL TO RE-CEMENT THE OXY SPIKE #1 A SECOND TIME BECAUSE THE 1ST SQUEEZE FAILED TO BRING CEMENT UP INTO THE 8-5/8" INTERMEDIATE.
SEE ATTACHED PROCEDURE AND WELLBORE DIAGRAMS

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

Sarah Presley

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:

Robert A. Paul

TITLE COMPLIANCE OFFICER

DATE 11/8/2016

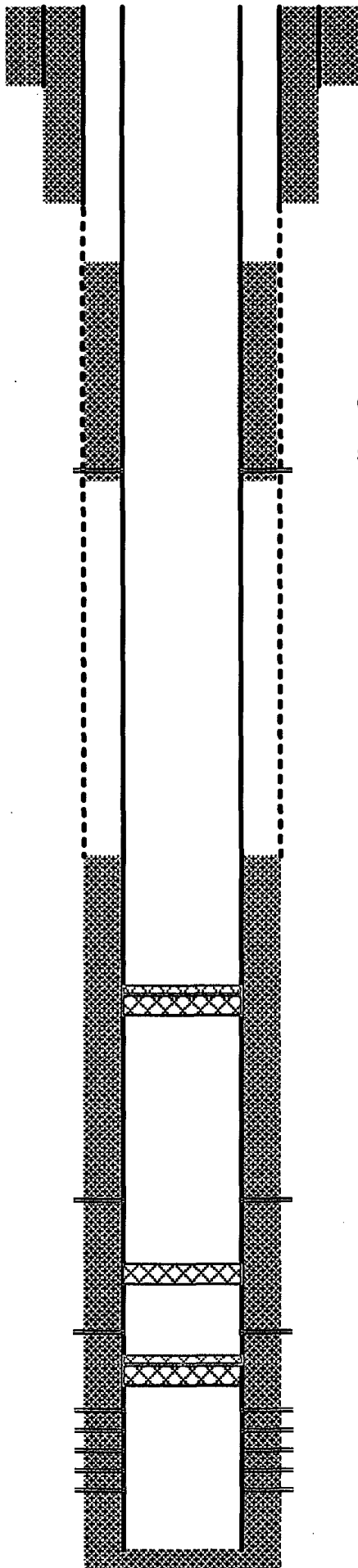
Conditions of Approval (if any):

Oxy Spike #1

Second squeeze procedure

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'.

- GIH w/ perforating gun and shoot 4 squeeze holes at 3,450'.
- Rig down CH wireline unit.
- Establish injection rate into squeeze perforations.
 - Open casing valves to 5 1/2" x 8 5/8" annulus.
 - Establish circulation to surface
 - Establish injection rate into perforations.
- Recement 5 1/2" casing to surface as follows:
 - Mix and pump 300 sacks of 65/35 Class C/Pozmix containing 6% Gel.
 - Mix and pump 200 sacks of Class "C" neat cement.
 - 834 ft³ calculated
 - Calculate volume of cement circulated to surface.
 - Determine final pump rates and pressures.
- Shut well in 24 hours
- Pick up 4 5/8" bit.
- Drillout cement retainer and cement.
 - Test squeeze to 500 psi.



13 3/4" 48# @ 400' Circ to surface

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

TOC @ 3,465'

Cement Retainer @ ± 4,950'

Squeeze 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

After 1st Squeeze Job

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 07 2016

RECEIVED

RECEIVED