

Submit 1 Copy To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 October 13, 2009

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

WELL API NO. 30-015-41143
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 SRO State Com
8. Well Number 45H
9. OGRID Number 229137
10. Pool name or Wildcat Hay Hollow; Bone Spring

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
COG Operating LLC

3. Address of Operator
2208 W. Main Street, Artesia, NM 88210

4. Well Location
 Unit Letter B : 190 feet from the North line and 2070 feet from the East line
 Section 17 Township 26S Range 28E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3082'

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

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

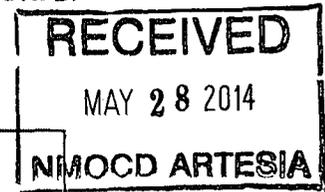
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC respectfully requests approval for the following drilling change to the original approved APD.

Changes are ~~in red~~ on the attached drilling program.

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 Maite Reyes TITLE: Regulatory Analyst DATE: 5/28/14
 Type or print name: Maite Reyes E-mail address: mreyes1@conchoresources.com PHONE: (575) 748-6945
For State Use Only
 APPROVED BY: IC Shepard TITLE: Geologist DATE: 5-29-2014
 Conditions of Approval (if any):

RIG-UP ST.

SRO State Com 45H
30-015-41143

Casing and Cement

<u>String</u>	<u>Hole Size</u>	<u>Csq OD</u>	<u>PPF</u>	<u>Depth</u>	<u>Sx Cement</u>	<u>TOC</u>
Surface	17-1/2"	13-3/8"	48#	350'	350	0'
Intermediate	12-1/4"	9-5/8"	36#	2430'	825	0'
Production	8-3/4"	5-1/2"	17#	17880'	3735	2130'

Well Plan

Drill 17-1/2" hole to ~350' w/ fresh water spud mud. Run 13-3/8" 48# H40 STC casing to TD and cement to surface in one stage. Will use 1" tubing and Class C w/ 2% CaCl₂ to cement to surface, if necessary.

Drill 12-1/4" hole to ~2430' with saturated brine water. Run 9-5/8" 36# J55 LTC casing to TD and cement to surface in one stage.

Drill 8-3/4" vertical hole, curve and lateral to 17880' with cut brine. Run 5-1/2" 17# P110 Tenaris TXP BTC casing to TD and cement in one stage bringing TOC to 2130' (300' overlap).

Well Control

After setting 9-5/8" casing and installing 5000 psi casing spool, NU Cameron 5000 psi double ram BOP and Cameron 5000 psi annular BOP. Test annular to 1500 psi and other BOP equipment to 3000 with clear fluid using 3rd party testers.