

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

**HOBBS OCD**  
**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. 30-025-41203
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 COG OPERATING, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 2208 WEST MAIN STREET ARTESIA, NM 88210		7. Lease Name or Unit Agreement Name BEN LILLY 2 STATE COM
4. Well Location Unit Letter <u>N</u> : <u>330</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>WEST</u> line Section <u>2</u> Township <u>21S</u> Range <u>33E</u> NMPM LEA County		8. Well Number 3H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3824' GR		9. OGRID Number 229137
		10. Pool name or Wildcat BERRY; BONE SPRING, NORTH

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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

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.

COG OPERATING, LLC, RESPECTFULLY REQUESTS TO CHANGE THE ORIGINAL APD AS FOLLOWS:

String	Hole Size	Csg OD	PPE	Depth	Sx Cement	TOC
Surface	17-1/2"	13-3/8"	54.5#	1875'	1240	0'
Intermediate	12-1/4"	9-5/8"	36#/40#	5500'	500/1625	0'
Production	7-7/8"	5-1/2"	17#	18656'	2980	0'

Well Plan

Drill 17-1/2" hole to ~1875' w/ fresh water spud mud. Run 13-3/8" 54.5# J55 STC casing to TD and cement to surface in one stage. Will use 1" tubing and Class C w/ 2% CaCl<sub>2</sub> to cement to surface, if necessary. Drill 12-1/4" hole to ~5500' with saturated brine water. If losses occur in the Reef, will switch to fresh water to interval TD. Run 9-5/8" 36# J55 & 40# L80 BTC casing to TD with a DV tool placed ~ 100' above the Reef. Plan to circulate cement on both stages. Drill 7-7/8" vertical hole, curve, and lateral to 18656' with cut brine. Run 5-1/2" 17# P110 LTC casing to TD and cement to surface in one stage.

Well Control

After setting 13-3/8" casing and installing 3000 psi casing head, NU T3 Energy Services 5000 psi annular BOP. Test annular and casing to 1000 psi and other BOP equipment to 2000 with clear fluid using 3<sup>rd</sup> party testers. After setting 9-5/8" casing and installing 5000 psi casing spool, NU T3 Energy Services 10000 psi double ram BOP and T3 Energy Services 5000 psi annular BOP. Test annular to 1500 psi and other BOP equipment to 3000 with clear fluid using 3<sup>rd</sup> party testers.

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

SIGNATURE Deborah L. Wilbourn TITLE Drilling Engineering Tech DATE 9/9/13

Type or print name Deborah L. Wilbourn E-mail address: d.wilbourn@concho.com PHONE: 575-748-6958

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE SEP 12 2013

Conditions of Approval (if any):

SEP 12 2013