

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 OGD
 SEP 11 2013

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

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-025-41203 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> 6. State Oil & Gas Lease No.
2. Name of Operator COG OPERATING, LLC		7. Lease Name or Unit Agreement Name BEN LILLY 2 STATE COM 8. Well Number 3H
3. Address of Operator 2208 WEST MAIN STREET ARTESIA, NM 88210		9. OGRID Number 229137 10. Pool name or Wildcat BERRY; BONE SPRING, NORTH
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		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3824' GR		

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"/>		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"/>		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 TO CHANGE THE ORIGINAL APD AS FOLLOWS:

String	Hole Size	Csg OD	PPF	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% CaCl₂ 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 3rd 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 3rd party testers.

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

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

Type or print name Debra 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