

Submit 3 Copies 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
DEC 20 2011
RECEIVED
CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

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)		WELL API NO. 30-005-29189
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. N/A
3. Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701		7. Lease Name or Unit Agreement Name Hoptoit State Com
4. Well Location Unit Letter L : 1650' feet from the South line and 330' feet from the West line Section 23 Township 15S Range 31E NMPM County Chaves		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4384' GR		9. OGRID Number 229137
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Wildcat; Abo-Wolfcamp
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ Below-Grade Tank: Volume _____ bbls; Construction Material _____		

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 ☐

OTHER: **Change casing program** ☒

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC respectfully requests permission to change the casing program to:

Type	Hole Size	Casing Type	Casing Weight/ft.	Setting Depth	Sacks of Cement	Est	TOC
Surf	17.5	13.375	48	425	700	0	
Int 1	12.25	9.625	40	4050	1200	0	
Int 2	8.75	7	26	8100	1000	0	
Prod	6.125	4	11.6	13261	0	0	

COG proposes to drill 17-1/2" hole to 450' w/ fresh water mud system, wt. 8.5, vis 28, set 13-3/8" casing & cement to surf. Drill an 12.25" hole to 4050' w/ brine mud system, wt 10, vis 30, set 9-5/8" casing & cement to surf. Drill 8-3/4" hole to 8100' w/ cut brine mud system, wt 8.7, vis 29-32. Set 7" prod casing @ +/- 8100'. Drill 6-1/8" pilot hole thru Wolfcamp to +/- 9120', run open hole logs. Spot +/- 250 sx C. Kick off plug from +/- 9120' to +/- 8100'. Drill 6-1/8" hole and kick off @ +/- 8362', building curve over +/- 470' horizontal section in an Westerly direction for +/- 4150' lateral to TD @ +/- 13261' MD, 8860' TVD. Run 4-1/2" prod liner in uncemented open hole lateral & set isolation packers & liner top packer @ +/- 8000' MD.

COG respectfully requests permission for 100' liner overlap (reduced from 200' rule) to set pump as deep as possible.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE [Signature] TITLE **Permitting Tech** DATE **12/19/2011**

Type or print name **Kelly J. Holly** E-mail address: **kholly@concho.com** Telephone No. **432-685-4384**

For State Use Only

APPROVED BY: [Signature] TITLE **PERMITTING ENGINEER** DATE **DEC 21 2011**

Conditions of Approval (if any):