

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

Form C-103  
 June 19, 2008

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

WELL API NO. 30-015-39369
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 MC State
8. Well Number 05
9. OGRID Number 229137
10. Pool name or Wildcat Empire; Glorieta-Yeso 96210
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3692' GR

**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  
550 W. Texas Ave., Suite 100 Midland, TX 79701

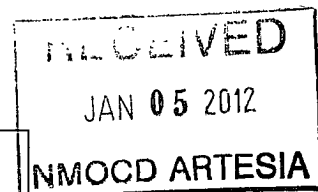
4. Well Location  
 Unit Letter J : 2310' feet from the South line and 1650' feet from the East line  
 Section 23 Township 17S Range 28E NMPM County Eddy

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Completion <input checked="" 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

11/22/11 Test casing to 3500 psi for 30 mins. Ok.  
 11/23/11 Perf Lower Blinebry @ 4750-5000 w/ 1 SPF, 26 holes.  
 11/28/11 Acidize w/3,250 gals acid. Frac w/119,367 gals gel, 155,160# 16/30 brown sand, 28,788# 16/30 Siberprop. Set comp plug @ 4720. Perf Middle Blinebry @ 4440-4690 w/1 SPF, 26 holes. Acidize w/2,250 gals acid. Frac w/117,302 gals gel, 143,632# 16/30 brown sand, 11,059# 16/30 Siberprop. Set comp plug @ 4410. Perf Upper Blinebry @ 4155-4380 w/ 1 SPF, 26 holes. Acidize w/2,250 gals acid. Frac w/124,248 gals gel, 147,325# 16/30 brown sand, 30,074# 16/30 Siberprop. Set comp plug @ 3990. Perf Paddock @ 3710-3960 w1 SPF, 26 holes. Acidize w/2,500 gals acid. Frac w/120,181 gals gel, 130,068# 16/30 brown sand, 31,591# 16/30 Siberprop.  
 12/2/11 Drill out plugs. Clean out to PBSD 5221.  
 12/6/11 RIH w/150jts 2-7/8" J55 6.5# tbg, SN @ 4735.  
 12/7/11 RIH w/ 2-1/2"x2"x24' RHBC pump. Hang on well.  
 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 Cjackson TITLE Regulatory Analyst DATE 1/3/12

Type or print name Chasity Jackson E-mail address: cjackson@concho.com PHONE: 432-686-3087  
**For State Use Only**

APPROVED BY: J. C. Shepard TITLE Geologist DATE 1/12/2012  
 Conditions of Approval (if any):

Submit To Appropriate District Office  
Two Copies to:  
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1625 N French Dr., Hobbs, NM 88240  
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1301 W Grand Avenue, Artesia, NM 88210  
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1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S St Francis Dr., Santa Fe, NM 87505

**RECEIVED**  
JAN 05 2012  
Oil Conservation Division  
NMOCD ARTESIA  
220 South St. Francis Dr.  
Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-105  
July 17, 2008

1. WELL API NO. 30-015-39369  
2. Type of Lease  
 STATE  FEE  FED/INDIAN  
3. State Oil & Gas Lease No

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing:  
 **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)  
 **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17.13 K NMAC)

5. Lease Name or Unit Agreement Name  
MC State  
6. Well Number. 05

7. Type of Completion  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER

8. Name of Operator COG OPERATING LLC  
9. OGRID 229137

10. Address of Operator  
550 West Texas Ave Suite 100, Midland, Texas 79701  
11. Pool name or Wildcat  
EMPIRE; GLORIETA-YESO, 96210

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	J	23	17S	28E		2310	South	1650	East	Eddy
BH:										

13. Date Spudded 11/3/11  
14. Date T.D Reached 11/9/11  
15. Date Rig Released 11/10/11  
16. Date Completed (Ready to Produce) 12/7/11  
17. Elevations (DF and RKB, RT, GR, etc.) 3692' GR  
18. Total Measured Depth of Well 5288  
19. Plug Back Measured Depth 5221  
20. Was Directional Survey Made? No  
21. Type Electric and Other Logs Run CN/HNGS/CCL

22. Producing Interval(s), of this completion - Top, Bottom, Name  
Yeso

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	251	17-1/2	300sx	
8-5/8	24	881	11	400sx	
5-1/2	17	5278	7-7/8	900sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4735	

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3710 - 3960 1 SPF, 26 holes OPEN	3710 - 3960	See Attachment
4155 - 4380 1 SPF, 26 holes OPEN	4155 - 4380	See Attachment
4440 - 4690 1 SPF, 26 holes OPEN	4440 - 4690	See Attachment
4750 - 5000 1 SPF, 26 holes OPEN	4750 - 5000	See Attachment

**PRODUCTION**

Date First Production 12/15/11  
Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2" x 2" x 24' RHBC pump  
Well Status (Prod. or Shut-in) Producing

Date of Test 12/17/11  
Hours Tested 24  
Choke Size  
Prod'n For Test Period  
Oil - Bbl 17  
Gas - MCF 18  
Water - Bbl 746  
Gas - Oil Ratio 1059

Flow Tubing Press  
Casing Pressure  
Calculated 24-Hour Rate  
Oil - Bbl  
Gas - MCF  
Water - Bbl.  
Oil Gravity - API - (Corr.) 30.2

29. Disposition of Gas (Sold, used for fuel, vented, etc) Sold  
30. Test Witnessed By Kent Greenway

31. List Attachments  
Logs, C102, C103, Deviation Report, C104

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial  
Latitude Longitude NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *C Jackson*  
Printed Name Chasity Jackson  
Title Regulatory Analyst  
Date 1/3/12

E-mail Address cjackson@concho.com

MC State #5  
API#: 30-015-39369  
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3710 - 3960	Acidized w/2,500 gals 15% HCL.
	Frac w/120,181 gals gel, 130,068# 16/30 brown sand, 31,591# 16/30 siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4155 - 4380	Acidized w/2,250 gals 15% HCL.
	Frac w/124,248 gals gel, 147,325# 16/30 brown sand, 30,074# 16/30 siberprop.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4440 - 4690	Acidized w/2,250 gals 15% HCL.
	Frac w/117,302 gals gel, 145,632# 16/30 brown sand, 11,059# 16/30 siberprop.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4750 - 5000	Acidized w/3,250 gals 15% HCL.
	Frac w/119,367 gals gel, 155,160# 16/30 brown sand, 28,788# 16/30 siberprop.