

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. 30-015-37637
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 Choctaw State
8. Well Number 04
9. OGRID Number 229137
10. Pool name or Wildcat Fren; Glorieta-Yeso 26770

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"/>	RECEIVED SEP 07 2010 NMOCD ARTESIA
2. Name of Operator COG Operating LLC	
3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701	
4. Well Location Unit Letter <u>A</u> : <u>330</u> feet from the <u>North</u> line and <u>380</u> feet from the <u>East</u> line Section <u>16</u> Township <u>17S</u> Range <u>31E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3876 GR	

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: Completion ☒

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.

7/9/10 MIRU. Tag DV tool @ 2809'. Drill out.
7/15/10 Test casing to 4500 psi for 30 mins. Ok.
7/16/10 Perf Lower Blinebry @ 6170-6370 w/ 1 SPF, 26 holes.
7/20/10 Acidize w/3,500 gals acid. Frac w/124,195 gals gel, 145,405# 16/40 White Sand, 35,057# 16/30 Siberprop. Set comp plug @ 6120. Perf Middle Blinebry @ 5900-6100 w/1 SPF, 26 holes. Acidize w/3,500 gals acid. Frac w/123,630 gals gel, 142,953# 16/30 White Sand, 31,554# 16/30 Siberprop. Set comp plug @ 5860. Perf Upper Blinebry @ 5630-5830 w/ 1 SPF, 26 holes. Acidize w/3,500 gals acid. Frac w/122,915 gals gel, 140,960# 16/30 White Sand, 32,157# 16/30 Siberprop. Set comp plug @ 5195. Perf paddock @ 5084- 5174 w/ 1 SPF, 16 holes. Acidize w/ 2,982 gals acid. Frac w/ 111,837 gals gel, 115,193# 16/30 White Sand, 25,455# 16/30 Siberprop.
7/26/10 Drill out plugs. Clean out to PBTD 6680.
7/27/10 RIH w/194jts 2-7/8" J55 6.5# tbg, SN @ 6149.
7/28/10 RIH w/ 2-1/2"x2"x24' pump. Hang on well.

Spud Date:

6/22/10

Rig Release Date:

7/2/10

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

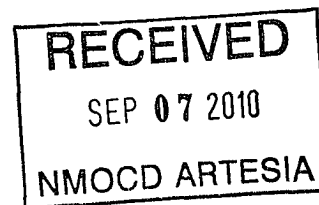
SIGNATURE C. Jackson TITLE Agent for COG DATE 8/25/10

Type or print name Chasity Jackson E-mail address: cjackson@conchoresources.com PHONE: 432-686-3087

For State Use Only

APPROVED BY: David Gray TITLE Compliance Officer-A DATE 9-8-10
Conditions of Approval (if any):

OPERATOR _____ COG _____
WELL/LEASE _____ Choctaw State 4 _____
COUNTY _____ Eddy _____

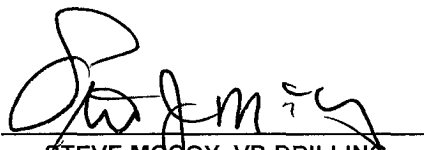


STATE OF NEW MEXICO
DEVIATION REPORT

3D-015-37637

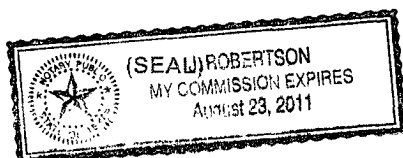
258	0.50
437	1.00
636	0.75
1098	0.50
1543	0.75
1987	0.75
2462	0.75
2906	0.50
3319	1.00
3739	0.25
4176	0.50
4649	0.75
5126	0.50
5568	1.00
6043	0.75
6518	1.00

SIGNED BY:


STEVE MCCOY, VP-DRILLING

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 16th DAY OF July, 2010, BEFORE ME, J ROBERTSON, A NOTARY
PUBLIC, PERSONALLY APPEARED STEVE MCCOY, WHO ACKNOWLEDGED AND EXECUTED
THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.




NOTARY PUBLIC

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
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District IV
1220 S St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.

30-015-37637

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF ☐
WELL OVER BACK RESVR ☐

2. Name of Operator

COG Operating LLC

3. Address of Operator

550 W. Texas Ave., Suite 1300 Midland, TX 79701

4. Well Location

Unit Letter **A** **330** Feet From The **North** Line and **380** Feet From The **East** Line

Section **16** Township **17S** Range **31E** NMPM **Eddy** County

10. Date Spudded

6/22/10

11. Date T D Reached

7/1/10

12. Date Compl. (Ready to Prod)

7/28/10

13. Elevations (DF& RKB, RT, GR, etc)

3876 GR

14. Elev Casinghead

15. Total Depth

6730

16. Plug Back T.D

6680

17. If Multiple Compl How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

X

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

5084 - 6370

Yeso

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CN / HNGS, Micro CFL / HNGS

22. Was Well Cored

No

23. 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	474	17 1/2	500 sx	
8 5/8	32	1900	11	600 sx	
5 1/2	17	6730	7-7/8	1550 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	6149	

26. Perforation record (interval, size, and number)

5084 - 5174 1 SPF, 16 holes OPEN
5630 - 5830 1 SPF, 26 holes OPEN
5900 - 6100 1 SPF, 26 holes OPEN
6170 - 6370 1 SPF, 26 holes OPEN

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

5084 - 5174 See attachment

5630 - 5830 See attachment

5900 - 6100 See attachment

6170 - 6370 See attachment

28. PRODUCTION

Date First Production

7/28/10

Production Method (Flowing, gas lift, pumping - Size and type pump)

Pumping using a 2 1/2" x 2" x 24' pump

Well Status (Prod or Shut-in)

Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8/11/10	24			33	34	439	

Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr)
						34.5

29. Disposition of Gas (Sold, used for fuel, vented, etc)

Sold

Test Witnessed By

Mark Brewer

30. List Attachments

Logs, C102, C103, C104

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

Signature



Printed

Name Chasity Jackson

Title Agent for COG

Date 8/25/10

E-mail Address cjackson@conchoresources.com

Choctaw State #4
API#: 30-015-37637
EDDY, NM

RECEIVED
SEP 07 2010
NMOCD ARTESIA

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5084 - 5174	Acidize w/ 2,982 gals acid.
	Frac w/ 111,837 gals gel, 115,193# 16/30 White
	25,455# 16/30 Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5630 - 5830	Acidize w/ 3,500 gals acid.
	Frac w/ 122,915 gals gel, 140,960# 16/30 White
	32,157# 16/30 Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5900 - 6100	Acidize w/ 3,500 gals acid.
	Frac w/ 123,630 gals gel, 142,953# 16/30 White
	31,554# 16/30 Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5900 - 6100	Acidize w/ 3,500 gals acid.
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102

Permit 109880

RECEIVED

SEP 07 2010

NMOCD ARTESIA

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-37637	2. Pool Code 26770	3. Pool Name FREN; GLORIETA-YESO
4. Property Code 302471	5. Property Name CHOCTAW STATE	6. Well No. 004
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3876

10. Surface Location

UL - Lot A	Section 16	Township 17S	Range 31E	Lot Idn	Feet From 330	N/S Line N	Feet From 380	E/W Line E	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Diane Kuykendall

Title: Regulatory Analyst

Date: 3/1/2010

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Ronald Eidson

Date of Survey: 2/15/2010

Certificate Number: 3239