

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No  
NMLC054988A

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b Type of Completion ☐ New Well ☐ Work Over ☒ Deepen ☐ Plug Back ☐ Diff Resvr  
Other \_\_\_\_\_

6 If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
COG OPERATING LLC  
Contact: NETHA AARON  
E-Mail: oaaron@conchoresources.com

8. Lease Name and Well No  
BERRY A FEDERAL 8

3 Address 550 WEST TEXAS AVENUE SUITE 1300  
MIDLAND, TX 79701

3a Phone No. (include area code)  
Ph: 432-818-2319

9. API Well No.  
30-015-29565-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

Sec 21 T17S R30E Mer NMP

At surface SENW 2080FNL 1525FWL

At top prod interval reported below

At total depth

10 Field and Pool, or Exploratory  
MAR LOCO

11 Sec, T, R, M., or Block and Survey  
or Area Sec 21 T17S R30E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
12/05/1997

15 Date T.D. Reached  
10/20/2011

16 Date Completed  
☐ D & A ☒ Ready to Prod.  
11/11/2011

17. Elevations (DF, KB, RT, GL)\*  
3645 GL

18 Total Depth: MD 6265  
TVD 6265

19. Plug Back T.D. MD 6222  
TVD 6222

20 Depth Bridge Plug Set MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
3645 GL

22 Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625	24.0	0	445		325		0	
7.875	5.500	17.0	0	4934		1255		0	
6.125	4.000 L80	11.6	4830	6265	4840	130		4840	

Accepted for record  
NMOCD  
1/20/12

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4815							

25. Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5250	6050	4417 TO 4804	0.420	82	Squeezed off
B)			5250 TO 5450	0.340	24	OPEN, Upper Blinbry
C)			5550 TO 5750	0.340	24	OPEN, Middle Blinbry
D)			5850 TO 6050	0.340	26	OPEN, Lower Blinbry

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5250 TO 5450	ACIDIZED W/2500 GALS 15% HCL
5250 TO 5450	FRAC W/121,124 GALS GEL, 151,823# 16/30 OTTAWA SAND, 23,453# 16/30 SIBERPROP
5550 TO 5750	ACIDIZE W/2500 GALS 15% HCL
5550 TO 5750	FRAC W/ 124,578 GALS GEL, 150,509# 16/30 OTTAWA SAND, 33,683# 16/30 SIBERPROP

28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
11/11/2011	11/11/2011	24	→	11.0	73.0	71.0	35.6	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI	70	70.0	→	11	73	71		POW	

28a Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI			→						

DEC 31 2011

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #126360 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

## 28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

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

## 30 Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas Depth
SALADO	1048		SALT	TOP SALT	1048
TANSILL	1100		DOLOMITE	TANSILL	1100
YATES	1202		DOLOMITE & SAND	YATES	1202
SAN ANDRES	2867		SAND	SAN ANDRES	2867
GLORIETA	4325		DOLOMITE & ANHYDRITE	GLORIETA	4325
YESO	4414		SAND & DOLOMITE	YESO	4414

## 32 Additional remarks (include plugging procedure).

## 44 Acid, Fracture, Treatment, Cement Squeeze, etc. CONTINUED...

5850 - 6050 Acidize w/ 3000 gals 15% HCL acid.  
5850 - 6050 Frac w/114,850 gals gel, 150,117# 16/30 Ottawa sand,  
31,750# 16/30 SiberProp

## 33 Circle enclosed attachments.

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd )     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34 Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #126360 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by JAMES (JIM) HUGHES on 12/20/2011 (12JLH0224SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 12/20/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

Additional data for transaction #126360 that would not fit on the form

32. Additional remarks, continued

LOGS WILL BE MAILED