

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.  
NMNM0397623

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: **oaron@conchoresources.com**

8. Lease Name and Well No.  
**FOLK FEDERAL 32**

3. Address **550 WEST TEXAS AVENUE SUITE 1300** 3a. Phone No. (include area code)  
**MIDLAND, TX 79701** Ph: **432-818-2319**

9. API Well No.  
**30-015-38177-00-S1**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **Sec 17 T17S R29E Mer NMP**  
**SWNE Lot G 1560FNL 2404FEL**  
 At top prod interval reported below  
 At total depth \_\_\_\_\_

10. Field and Pool, or Exploratory  
**EMPIRE Cal Yeso E 96610**  
**EMPIRE**  
 11. Sec., T., R., M., or Block and Survey  
 or Area **Sec 17 T17S R29E Mer NMP**  
 12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **03/08/2011** 15. Date T.D. Reached **03/15/2011** 16. Date Completed  
 D & A  Ready to Prod.  
**04/07/2011**

17. Elevations (DF, KB, RT, GL)\*  
**3612 GL**

18. Total Depth: MD **5517** TVD **5517** 19. Plug Back T.D.: MD **5470** TVD **5470** 20. Depth Bridge Plug Set: MD **5470** TVD **5470**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**COMPENSATEDNEUT**

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	367		400		0	
11.000	8.625 J-55	24.0	0	954		500		0	
7.875	5.500 J-55	17.0	0	5517		900		0	

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 MAY 20 2011  
**NMOCU ARTESIA**

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	5077							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	3950	4225	3950 TO 4225	1.000	25	OPEN, Paddock
B) BLINEBRY	4990	5190	4450 TO 4650	1.000	25	OPEN, Upper Blinebry
C)			4720 TO 4920	1.000	25	OPEN, Middle Blinebry
D)			4990 TO 5190	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
3950 TO 4225	ACIDIZED W/3500 GALS 15% HCL
3950 TO 4225	FRAC W/105,640 GALS GEL, 199,688# 20/40 WHITE SAND, 5,902# 20/40 SUPER LC
4450 TO 4650	ACIDIZED W/3500 GALS 15% HCL
4450 TO 4650	FRAC W/124,554 GALS GEL, 148,700# 20/40 WHITE SAND, 32,296# 20/40 SUPER LC

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
04/12/2011	04/22/2011	24	→	65.0	151.0	581.0	39.4	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate →	Oil BBL 65	Gas MCF 151	Water BBL 581	Gas:Oil Ratio	Well Status 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. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

**MAY 15 2011**  
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**CARLSBAD FIELD OFFICE**

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
YATES	855		DOLOMITE & SAND	YATES	855
SAN ANDRES	2400		DOLOMITE & ANHYDRITE	SAN ANDRES	2400
GLORIETA	3841		SAND & DOLOMITE	GLORIETA	3841
YESO	3901		DOLOMITE & ANHYDRITE	YESO	3901
TUBB	5309			TUBB	5309

32. Additional remarks (include plugging procedure):

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

4720 -4920 Acidized w/3500 gals 15% HCL.  
4720 -4920 Frac w/124,250 gals gel, 147,165# 20/40 White sand,  
29,764# 20/40 SUPER LC.

4990 - 5190 Acidized w/3500 gals 15% HCL.

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. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #108003 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Carlsbad**  
**Committed to AFMSS for processing by KURT SIMMONS on 05/11/2011 (11KMS1611SE)**

Name (please print) NETHA AARON Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 05/11/2011

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.

**Additional data for transaction #108003 that would not fit on the form**

**32. Additional remarks, continued**

4990 - 5190 Frac w/124,036 gals gel, 144,104# 20/40 White sand,  
30,706# 20/40 SUPER LC

LOGS WILL BE MAILED