

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUN 24 2010
OCD Artesia
NMOCD ARTESIA

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JUN 24 2010
FORM APPROVED
OMB No 1004-0137
Expires 10/31/2010
NMOCD ARTESIA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. Name of Operator
COG OPERATING LLC Contact: KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com

3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II
MIDLAND, TX 79701 3a. Phone No (include area code)
Ph. 432-685-4332

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 17 T17S R30E Mer NMP
At surface NWNE 330FNL 1650FEL 32.84097 N Lat, 103.99102 W Lon
At top prod interval reported below
At total depth

5. Lease Serial No
NMNM2933

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

8. Lease Name and Well No.
CADDO FEDERAL 8

9. API Well No.
30-015-36672-00-S1

10. Field and Pool, or Exploratory
LOCO HILLS

11. Sec., T., R., M., or Block and Survey
or Area Sec 17 T17S R30E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
03/23/2010

15. Date T.D. Reached
04/01/2010

16. Date Completed
☐ D & A ☒ Ready to Prod.
05/04/2010

17. Elevations (DF, KB, RT, GL)*
3674 GL

18. Total Depth: MD 5925
TVD 5925

19. Plug Back T.D.: MD 5855
TVD 5855

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT

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	442		450		0	
17.500	13.375 H40	48.0	0	442		450		0	0
11.000	8.625 J55	24.0	0	1355		500		0	0
11.000	8.625 J-55	24.0	0	1355		500		0	
7.875	5.500 J-55	17.0	0	5925		950		0	
7.875	5.500 J55	17.0	0	5925		950		0	0

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	5435							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			4350 TO 4600	0.410	29	OPEN
B) PADDOCK	4350	4600	4930 TO 5130	0.410	26	OPEN
C) BLINEBRY	5470	5670	5200 TO 5400	0.410	26	OPEN
D)			5470 TO 5670	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
4350 TO 4600	ACIDIZE W/ 3,500 GALS 15% ACID
4350 TO 4600	FRAC W/ 104,536 GALS GEL, 102,410# 16/30 MESH WHITE, 13,836# SIBERPROP
4930 TO 5130	ACIDIZE W/ 3,500 GALS 15% ACID
4930 TO 5130	FRAC W/ 122,980 GALS GEL, 14,938# 16/30 MESH WHITE, 25,907 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
05/07/2010	05/26/2010	24	→	161.0	196.0	441.0	38.6	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	70	70.0	→	161	196	441		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	
	SI		→						

ACCEPTED FOR RECORD
JUN 22 2010
/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #87953 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

WZ

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	1203		DOLOMITE & SAND	YATES	1203
QUEEN	2101		SAND	QUEEN	2101
SAN ANDRES	2806		DOLOMITE & ANHYDRITE	SAN ANDRES	2806
GLORIETA	4241		SAND & DOLOMITE	GLORIETA	4241
YESO	4306		DOLOMITE & ANHYDRITE		
TUBB	5759		SAND		

32. Additional remarks (include plugging procedure).

Acid, Fracture, Treatment, Cement Squeeze, etc. continued...

5200 - 5400 Acidize w/ 3,500 gals 15% acid.

5200 - 5400 Frac w/ 124,071 gals gel 147,759# 16/30 Mesh White, 26,928# Siberprop.

5470 - 5670 Acidize w/ 3,500 gals 15% acid.

5470 - 5670 Frac w/ 127,712 gals gel, 152,634# 16/30 Mesh White, 34,447# 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 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #87953 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 06/16/2010 (10KMS1623SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 06/15/2010

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 ****