

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 24 2009
OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No
NMNM2933

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 KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com

8. Lease Name and Well No.
CADDO FEDERAL 7

3. Address 550 WEST TEXAS AVE STE 1300
MIDLAND, TX 79701

3a. Phone No. (include area code)
Ph: 432-685-4332

9. API Well No.
30-015-36674

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

At surface Lot A 330FNL 330FEL 32.84078 N Lat, 103.98613 W Lon

At top prod interval reported below Lot A 330FNL 330FEL 32.84078 N Lat, 103.98613 W Lon

At total depth Lot A 330FNL 330FEL 32.84078 N Lat, 103.98613 W Lon

10. Field and Pool, or Exploratory
LOCO HILLS; GLORIETA YESO

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

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
07/11/2009

15. Date T.D. Reached
07/18/2009

16. Date Completed
☐ D & A ☒ Ready to Prod
08/10/2009

17. Elevations (DF, KB, RT, GL)*
3672 GL

18. Total Depth: MD 5929
TVD 5929

19. Plug Back T.D.: MD 5875
TVD 5875

20. Depth Bridge Plug Set. MD
TVD

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

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
17.500	13.375 H40	48.0	0	425		475		0	0
11.000	8.625 J55	32.0	0	1300		500		0	0
7.875	5.500 J55	17.0	0	5929		1050		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	5416							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4412	4700	4412 TO 4700	0.410	36	OPEN
B) BLINEBRY	4910	5110	4910 TO 5110	0.410	36	OPEN
C) BLINEBRY	5190	5390	5190 TO 5390	0.410	36	OPEN
D) BLINEBRY	5460	5660	5460 TO 5660	0.410	48	OPEN

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

Depth Interval	Amount and Type of Material
4412 TO 4700	ACIDIZE W/2,500 GALS 15% ACID
4412 TO 4700	FRAC W/FRAC W/113,860 GALS GEL, 136,120# 16/30 SAND.
4910 TO 5110	ACIDIZE W/2,500 GALS 15% ACID.
4910 TO 5110	FRAC W/ 116,699 GALS GEL, 147,680# 16/30 BASF SAND, 26,209# 16/30 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
08/11/2009	08/13/2009	24	→	128.0	121.0	728.0	38.7	0.69	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	→					POW	

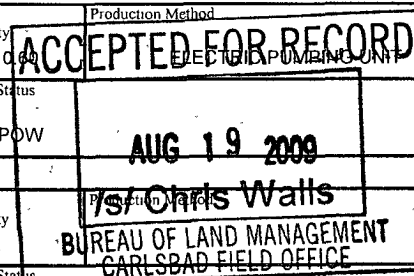
28a. Production - Interval B

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	
			→						

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

ELECTRONIC SUBMISSION #73435 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **



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	1195		DOLOMITE & SAND	DOLOMITE & SAND	1195
QUEEN	2089		SAND	SAND	2089
SAN ANDRES	2801		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	2801
GLORIETA	4259		SAND & DOLOMITE	SAND & DOLOMITE	4259
YESO	4305		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	4305
TUBB	5770		SAND	SAND	5770

32. Additional remarks (include plugging procedure):

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

5190-5390 ACIDIZE W/2,500 GALS 15% ACID.

5190-5390 FRAC W/ 117,765 GALS GEL, 143,977# 16/30 BASF SAND, 35,264# 16/30 SUPER LC.

5460-5660 ACIDIZE W/2,500 GALS 15% ACID

5460-5660 FRAC W/118,667 GALS GEL, 145,124# 16/30 BASF SAND, 34,339# 16/30 SUPER LC.

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 #73435 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 08/19/2009

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

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