

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD - Artesia

5. Lease Serial No.
NMLC028731B

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.
NMNM111789X

2. Name of Operator
COG OPERATING LLC Contact: CHASITY JACKSON
E-Mail: cjackson@conchoresources.com

8. Lease Name and Well No.
DODD FEDERAL UNIT 132

3. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 79701-4287 3a. Phone No. (include area code)
Ph: 432-686-3087

9. API Well No.
30-015-36265-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 10 T17S R29E Mer NMP
At surface SESE 330FSL 1350FEL 32.84282 N Lat, 104.05848 W Lon
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory
GRAYBURG JACKSON

11. Sec., T., R., M., or Block and Survey
or Area Sec 10 T17S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
08/09/2010

15. Date T.D. Reached
08/13/2010

16. Date Completed
10/04/2010 ☒ Ready to Prod.

17. Elevations (DF, KB, RT, GL)*
3607 GL

18. Total Depth: MD 5010
TVD 5010

19. Plug Back T.D.: MD 4945
TVD 4945

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
12.250	8.625 J55	24.0	0	386		350		0	
7.875	5.500 J-55	17.0	0	5000	3518	950		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	4185							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SR-QN-GB-SA			4081 TO 4330	0.410	15	OPEN, Yeso
B) YESO	4812	4886	4500 TO 4633	0.410	15	OPEN, Yeso
C)			4812 TO 4886	0.410	14	OPEN, Yeso
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4081 TO 4330	ACIDIZE W/2,013 GALS 15% ACID.
4081 TO 4330	FRAC W/29,702 GALS GEL, 96,297# 16/30 OTTAWA SAND, 20,351# 16/30 SLC.
4500 TO 4633	ACIDIZE W/2,845 GALS 15% ACID.
4500 TO 4633	FRAC W/22,137 GALS GEL, 67,627# 16/30 OTTAWA SAND, 18,515# 16/30 SLC.

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
10/15/2010	11/06/2010	24	→	98.0	276.0	257.0			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

SI 70.0 → 98 276 257 2816 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
10/15/2010	11/06/2010	24	→	98.0	276.0	257.0			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

SI 70.0 → 98 276 257 POW

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

ELECTRONIC SUBMISSION #98996 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.)
CAPTURED

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	969		DOLOMITE & SAND	YATES	969
QUEEN	1837		SAND	QUEEN	1837
SAN ANDRES	2531		DOLOMITE & ANHYDRITE	SAN ANDRES	2531
GLORIETA	3964		DOLOMITE & SAND		
YESO	4049		DOLOMITE & ANHYDRITE		

32. Additional remarks (include plugging procedure):

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

4812-4886 ACIDIZE W/3,244 GALS 15% ACID.

4812-4886 FRAC W/17,220 GALS GEL, 62,303# 16/30 OTTAWA SAND, 15,727# 16/30 SLC.

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 #98996 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 12/16/2010 (11KMS0426SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 12/14/2010

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 ****

Additional data for transaction #98996 that would not fit on the form

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

Depth Interval	Amount and Type of Material
4812 TO 4886	ACIDIZE W/3244 GAL 15% ACID
4812 TO 4886	FRAC W/ 17220 GAL GEL, 62303# 16/30 OTTAWA SAND, 15727# 16/30 SLC