

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.
NMLC056551A

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.
HOLDER CB FEDERAL 19

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

9. API Well No.
30-015-37276-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)
Sec 9 T17S R30E Mer NMP
At surface SWSW Lot M 330FSL 990FWL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory
LOCO HILLS; Glenview11. Sec., T., R., M., or Block and Survey
or Area Sec 9 T17S R30E Mer NMP12. County or Parish
EDDY13. State
NM

14. Date Spudded
01/23/2010
15. Date T.D. Reached
02/02/2010
16. Date Completed
☐ D & A ☒ Ready to Prod
02/25/2010

17. Elevations (DF, KB, RT, GL)*
3687 GL

18. Total Depth: MD 5860
TVD 5860
19. Plug Back T.D.: MD 5785
TVD 5785
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	380		500		0	
11.000	8.625 J-55	24.0	0	1313		500		0	
7.875	5.500 J-55	17.0	0	5842		1000		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	5662							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			4370 TO 4670	0.410	29	OPEN
B) PADDOCK	4370	4670	4950 TO 5150	0.410	26	OPEN
C) BLINEBRY	5500	5700	5230 TO 5430	0.410	26	OPEN
D)			5500 TO 5700	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
4370 TO 4670	ACIDIZE W/3,000 GALS 15% ACID.
4370 TO 4670	FRAC W/93,903 GALS GEL, 91,104# 20/40 OTTAWA SAND, 18,941# 16/30 SIBERPROP SAND.
4950 TO 5150	ACIDIZE W/3,500 GALS 15% ACID.
4950 TO 5150	FRAC W/ 114,796 GALS GEL, 148,613# 20/40 OTTAWA SAND, 34,787# 16/30 SIBERPROP SAND.

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
03/02/2010	03/02/2010	24	→	235.0	303.0	756.0	38.3		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	→	235	303	756	1289	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
03/02/2010	03/02/2010	24	→	235.0	303.0	756.0	38.3	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	→	235	303	756		POW	

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

ELECTRONIC SUBMISSION #83857 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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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 QUEEN SAN ANDRES GLORIETA YESO TUBB	1215 2108 2833 4270 4340 6581		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

32. Additional remarks (include plugging procedure):

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

5230 - 5430 ACIDIZE W/3,500 GALS 15% ACID.

5230 - 5430 Frac w/ 112,828 gals gel, 147,816# 20/40 Ottawa sand, 32,190# 16/30 Siberprop sand.

5500 - 5700 ACIDIZE W/3,500 GALS 15% ACID.

5700 - 5700 FRAC W/115,237 gals gel, 149,433# 20/40 Ottawa sand, 30,399# 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. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #83857 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 03/31/2010 (10KMS1035SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 03/30/2010

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 #83857 that would not fit on the form

32. Additional remarks, continued

sand.