

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 18 2010

NMOCD ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			5. Lease Serial No. NMLC029418B		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other			6. If Indian, Allottee or Tribe Name		
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)* At surface Sec 11 T17S R31E Mer NMP NESW 2630FSL 2580FWL At top prod interval reported below Sec 11 T17S R31E Mer NMP At total depth NWSE 2310FSL 2310FEL			10. Field and Pool, or Exploratory FREN : Glorieta - Yes, East		
14. Date Spudded 01/07/2010			15. Date T.D. Reached 01/18/2010		
16. Date Completed ☐ D & A ☒ Ready to Prod. 03/19/2010			9. API Well No. 30-015-36945-00-S1		
18. Total Depth: MD 6840 TVD 6840			19. Plug Back T.D.: MD 6780 TVD 6780		
20. Depth Bridge Plug Set: MD TVD			11. Sec., T., R., M., or Block and Survey or Area Sec 11 T17S R31E Mer NMP		
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	625		800		0	
11.000	8.625 J-55	32.0	0	1854		600		0	
7.875	5 500 J-55	17.0	0	6835		1100		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6544							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			5302 TO 5460	0.410	22	OPEN
B) PADDOCK	5302	5460	5860 TO 6060	0.410	26	OPEN
C) BLINEBRY	6400	6600	6130 TO 6330	0.410	26	OPEN
D)			6400 TO 6600	0.410	26	OPEN

Depth Interval	Amount and Type of Material
5302 TO 5460	gal gel, 126233# 16/30 White sand, 19836# 16/30 Optiprop sand
5302 TO 5460	gal 15% acid
5860 TO 6060	gal gel, 144580# 16/30 White sand, 37996# 16/30 Optiprop sand
5860 TO 6060	gal 15% acid

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
04/14/2010	04/15/2010	24	→	139.0	142.0	527.0	38.0		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	
	70	70.0	→	139	142	527	1022	POW	

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
04/14/2010	04/15/2010	24	→	139.0	142.0	527.0	38.0	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	→	139	142	527		POW	

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

ELECTRONIC SUBMISSION #85215 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.)
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	1968 2923 3698 5209 5282		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE	YATES QUEEN SAN ANDRES GLORIETA	1968 2923 3698 5209

32. Additional remarks (include plugging procedure):

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

6130 - 6330 ACIDIZE W/2,500 GALS 15% ACID.

6130 - 6330 Frac w/ 138,000 gals gel, 158,440# 16/30 White sand, 42,190# 16/30 Optiprop sand.

6400 - 6600 ACIDIZE W/3,000 GALS 15% ACID.

6400 - 6600 FRAC W/33,000 gals gel, 2,340# 16/30 White sand.

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 #85215 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 04/23/2010 (10KMS1252SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 04/22/2010

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 #85215 that would not fit on the form

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

Depth Interval	Amount and Type of Material
6130 TO 6330	gal 15% acid
6130 TO 6330	gal gel, 158440# 16/30 White sand, 42190# 16/30 Optiprop sand
6400 TO 6600	gal gel, 2340# 16/30 White sand
6400 TO 6600	gal 15% acid

32. Additional remarks, continued