

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

5. Lease Serial No.
NMLC028793C1a. 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.
NMNM88525X2. Name of Operator
COG OPERATING LLCContact: KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com8. Lease Name and Well No.
BURCH KEELY UNIT 6023. Address 550 WEST TEXAS AVENUE SUITE 1300
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432-685-43329. API Well No.
30-015-38644-00-S1

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

At surface Sec 23 T17S R29E Mer NMP
SENW 2000FNL 1610FWL10. Field and Pool, or Exploratory
GRAYBURG JACKSON SR-Q-GRBG-SA

At top prod interval reported below

Sec 232 T17S R29E Mer NMP

At total depth SENW 2100FNL 1324FWL

11. Sec., T., R., M., or Block and Survey
or Area Sec 23 T17S R29E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
06/24/201115. Date T.D. Reached
07/01/201116. Date Completed
☐ D & A ☒ Ready to Prod.
07/29/201117. Elevations (DF, KB, RT, GL)*
3596 GL18. Total Depth MD 4820
TVD 482019. Plug Back T.D.: MD 4756
TVD 475620. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL22. 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	278		950		0	
11.000	8 625 J-55	24.0	0	877		400		0	
7.875	5.500 J-55	17.0	0	4802		900		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	4610							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4060	4400	4060 TO 4400	0.410	26	OPEN, Paddock
B) BLINEBRY	4450	4750	4450 TO 4750	0.410	29	OPEN, Blinebry
C)						
D)						

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

Depth Interval	Amount and Type of Material
4060 TO 4400	ACIDIZED W/ 3,000 GALS 15% ACID.
4060 TO 4400	FRAC W/ 183,119 GALS GEL, 212,250# 16/30 BRADY SAND, 24,180# 16/30 SIBERPROP
4450 TO 4750	ACIDIZE W/ 3,000 GALS 15% ACID
4450 TO 4750	FRAC W/ 122,264 GALS GEL, 151,413# 16/30 WHITE SAND, 20,062# 16/30 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
08/01/2011	08/11/2011	24	→	79.0	140.0	120.0	38.9	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI	70	70.0	→	79	140	120		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	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			→						

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

ELECTRONIC SUBMISSION #116351 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

OCD- Artesia

ACCEPTED FOR RECORD

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
ELECTRIC PUMPING UNITRECEIVED
SEP 12 2011
OCD-ARTESIARECLAMATION
DUE 1-29-12

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	952		DOLOMITE & SAND	TOP SALT	578
SAN ANDRES	2550		SAND	YATES	952
GLORIETA	3992		DOLOMITE & ANHYDRITE	QUEEN	2550
YESO	4054		SAND & DOLOMITE	SAN ANDRES	3992
				GLORIETA	4054

32. Additional remarks (include plugging procedure)

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 #116351 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 08/30/2011 (11KMS2425SE)**

Name (please print) KANICIA CARRILLOTitle PREPARER

Signature _____ (Electronic Submission)

Date 08/29/2011

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 ****