

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator COG OPERATING LLC Contact: NETHA AARON
E-Mail: aaaron@concho.com

3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701 3a. Phone No (include area code) Ph: 432-818-2319

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 24 T17S R29E Mer NMP
At surface SESW Lot N 1289FSL 2512FWL
At top prod interval reported below
At total depth ,

5. Lease Serial No. NMLC028784B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No NMNM88525X

8. Lease Name and Well No BURCH KEELY UNIT 631

9. API Well No. 30-015-38648-00-S1

10. Field and Pool, or Exploratory GRAYBURG JACKSON

11. Sec, T, R., M., or Block and Survey or Area Sec 24 T17S R29E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 07/15/2011 15. Date T.D. Reached 07/20/2011 16. Date Completed ☐ D & A ☒ Ready to Prod. 08/12/2011 17. Elevations (DF, KB, RT, GL)* 3601 GL

18. Total Depth: MD 4819 TVD 4819 19. Plug Back T.D. MD 4764 TVD 4764 20. Depth Bridge Plug Set. MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) THREEDETLITHO-D 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	318		600		0	
11.000	8 625 J-55	24.0	0	967		350		0	
7.875	5 500 J-55	17.0	0	4809		900			

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	4647							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) PADDOCK	4154	4460	4154 TO 4460	1.000	26	OPEN, Paddock
B) BLINEBRY	4550	4750	4550 TO 4750	1.000	26	OPEN, Upper Blinebry
C)						
D)						

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

Depth Interval	Amount and Type of Material
4154 TO 4460	ACIDIZED W/2500 GALS 15% HCL
4154 TO 4460	FRAC W/111,021 GALS GEL, 116,753# 16/30 BROWN SAND, 22,163# 16/30 SIBERPROP
4550 TO 4750	ACIDIZED W/3500 GALS 15% HCL
4550 TO 4750	FRAC W/126,512 GALS GEL, 146,498# 16/30 BROWN SAND, 39,450# 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
08/23/2011	08/24/2011	24	→	102.0	156.0	262.0	36.8	0.60
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	→	102	156	262		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 #118890 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

OCD - Artesia

RECEIVED

OCT 13 2011

NMOCD ARTESIA

ACCEPTED FOR RECORD

OCT 8 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
ELECTRIC PUMPING UNITRECLAMATION
OCT 2-12-12

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)

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
RUSTLER	361		ANHYDRITE	RUSTLER	361
SALADO	564		SALT	TANSILL	870
TANSILL	870		DOLOMITE	YATES	988
YATES	988		DOLOMITE & SAND	SAN ANDRES	2610
SAN ANDRES	2610		SAND	GLORIETA	4076
GLORIETA	4076		DOLOMITE & ANHYDRITE	YESO	4153
YESO	4153		SAND & DOLOMITE		

32 Additional remarks (include plugging procedure):

44. Acid, Fracture, Treatment, Cement Squeeze, etc. CONTINUED....

LOGS WILL BE MAILED

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 #118890 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 09/30/2011 (11KMS2676SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/30/2011

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 ** REVISED **