



WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC028784A

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.
NMNM88525X

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

8. Lease Name and Well No.
BURCH KEELY UNIT 540

3. Address ONE CONCHO CENTER 600 WILLINOIS AVENUE
MIDLAND, TX 79701
3a. Phone No. (include area code)
Ph: 432-686-3087

9. API Well No.
30-015-40321-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface SWSE 497FSL 1446FEL
 At top prod interval reported below SWSE 497FSL 1446FEL
 At total depth SWSE 497FSL 1446FEL

10. Field and Pool, or Exploratory
BURCH KEELY-GLORIETA-UPPER YES

11. Sec., T., R., M., or Block and Survey
or Area Sec 13 T17S R29E Mer NMP

12. County or Parish
EDDY
13. State
NM

14. Date Spudded
08/05/2012
15. Date T.D. Reached
08/10/2012
16. Date Completed
 D & A Ready to Prod.
09/10/2012

17. Elevations (DF, KB, RT, GL)*
3626 GL

18. Total Depth: MD 4678 TVD 4678
19. Plug Back T.D.: MD 4604 TVD 4604
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT SPECGR CCL
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	307		400		0	
11.000	8.625 J-55	24.0	0	1074		500		0	
7.875	5.500 J-55	17.0	0	4663		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		4551						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4150	4400	4150 TO 4400	0.410	26	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4150 TO 4400	ACIDIZE W/2,000 GALS 15% ACID.
4150 TO 4400	FRAC W/100,863 GALS GEL, 109,068# 16/30 BROWN SAND, 19,218# 16/30 CR

RECLAMATION
DUE 3-10-13

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
09/13/2012	09/15/2012	24	→	88.0	168.0	257.0	41.0	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		70.0	→	88	168	257	1909	POW	

ACCEPTED FOR RECORD
DEC 22 2012
BUREAU OF LAND MANAGEMENT
CARLSB...

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			→						

pm

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	355	846	ANHYDRITE SALT SANDSTONE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE DOLOMITE & ANHYDRITE	RUSTLER	355
SALADO	708			TOP SALT	708
YATES	1046			YATES	1046
QUEEN	1946			QUEEN	1946
SAN ANDRES	2675			SAN ANDRES	2675
GLORIETA	4072			GLORIETA	4072
YESO	4145			YESO	4145

32. Additional remarks (include plugging procedure):
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 #164274 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 12/18/2012 (13KMS4183SE)**

Name (please print) CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 12/14/2012

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.