

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC028793C

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. BURCH KEELY UNIT 611		
3. Address 550 WEST TEXAS SUITE 100 MIDLAND, TX 79701			9. API Well No 30-015-38646		
3a. Phone No. (include area code) Ph: 432-818-2319			10. Field and Pool, or Exploratory GRYBURG JACKSON;SR-Q-G-SA		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot P 1280FSL 105FEL 32.816189 N Lat, 104.036697 W Lon At top prod interval reported below Lot P 1280FSL 105FEL 32.816189 N Lat, 104.036697 W Lon At total depth Lot P 1280FSL 105FEL 32.816189 N Lat, 104.036697 W Lon			11. Sec., T., R , M , or Block and Survey or Area Sec 23 T17S R29E Mer		
14. Date Spudded 07/12/2011			15. Date T.D Reached 07/19/2011		12. County or Parish EDDY
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/17/2011			13. State NM		
17. Elevations (DF, KB, RT, GL)* 3586 GL					
18. Total Depth MD 4600 TVD 4600		19. Plug Back T.D. MD 4559 TVD 4559		20. Depth Bridge Plug Set MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA RAY CCL;HI-RES LATER ARRAY MICRO-CFL/HNGS			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 H40	48.0	0	307		950		0	
11.000	8 625 J55	24.0	0	954		500		0	
7.875	5 500 J55	17.0	0	4600		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	4584							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4115	4451	4115 TO 4451	1.000	29	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4115 TO 4451	ACIDIZED W/3000 GALS 15% HCL
4115 TO 4451	FRAC W/179,364 GALS GEL, 206,691# 16/30 OTTAWA SAND, 32,252# 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
09/16/2011	09/18/2011	24	→	43.0	83.0	111.0	36.2	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	→					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 #120702 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Accepted for record

NMOCD

10/16/2011

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)	31. Formation (Log) Markers
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.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas Depth
RUSTLER	316		ANHYDRITE	RUSTLER	316
SALT TOP	408		SALT	SALT TOP	408
TANSILL	838		DOLOMITE	TANSILL	838
YATES	958		DOLOMITE & SAND	YATES	958
SAN ANDRES	2556		SAND	SAN ANDRES	2556
GLORIETA	5209		DOLOMITE & ANHYDRITE	GLORIETA	5209
YESO	5279		SAND & DOLOMITE	YESO	5279

32 Additional remarks (include plugging procedure):
38. Type Electric & Other Mechanical Logs Run CONTINUED ...

THREE DETECTOR LITHO-DENSITY COMP NEUT/HNGS

- 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 #120702 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) NETHA AARON Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 10/19/2011

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #120702 that would not fit on the form

32. Additional remarks, continued

LOGS WILL BE MAILED