

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC028784C

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No NMMN88525X

8. Lease Name and Well No. BURCH KEELY UNIT 420 **989**

9. API Well No. 30-015-36180-00-S1

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 02/20/2012

15. Date T.D. Reached 02/25/2012

16. Date Completed  D & A  Ready to Prod. 03/19/2012

17. Elevations (DF, KB, RT, GL)\* 3636 GL

18. Total Depth: MD 4640 TVD 4640

19. Plug Back T.D.: MD 4585 TVD 4585

20. Depth Bridge Plug Set. MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT HNGSMCFL HNGS

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

RECEIVED  
MAY 08 2012  
NMOCD ARTESIA

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cements Depth	No. of Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	373		400		0	
11.000	8.625 J-55	24.0	0	1032		550		0	
7.875	5.500 J-55	17.0	0	4631		1000		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	4066							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4200	4450	4200 TO 4450	0.210	26	OPEN, Paddock
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4200 TO 4450	ACIDIZE W/2,000 GALS 15% ACID.
4200 TO 4450	FRAC W/109,536 GALS GEL, 114,967 16/30 BROWN SAND, 14,566# 16/30 SIBERPROP

RECLAMATION  
DUE 9/19/12

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
03/27/2012	03/30/2012	24	→	60.0	107.0	278.0	38.6	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	
	70.0	→	60	107	278	783	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
			→						MAY 6 2012
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

Accepted for record  
NMOCD-10/19/12  
5/11  
ACCEPTED FOR RECORD  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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	267		ANHYDRITE /	RUSTLER	267
YATES	1079		SANDSTONE	YATES	1079
QUEEN	1970		SANDSTONE & DOLOMITE	QUEEN	1970
SAN ANDRES	2673		DOLOMITE & LIMESTONE	SAN ANDRES	2673
GLORIETA	4083		SANDSTONE	GLORIETA	4083
YESO	4170		DOLOMITE & ANHYDRITE	YESO	4170

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 #137072 Verified by the BLM Well Information System.  
 For COG OPERATING LLC, sent to the Carlsbad  
 Committed to AFMSS for processing by KURT SIMMONS on 05/02/2012 (12KMS1871SE)**

Name (please print) CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 05/02/2012

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.