

JAN 23 2015

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM 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: KANICIA CASTILLO E-Mail: kcastillo@concho.com
 3. Address: ONE CONCHO CENTER 600 W ILLINOIS AVE MIDLAND, TX 79701 3a. Phone No. (include area code) Ph: 432-685-4332
 4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 2310FNL 2310FWL
 At top prod interval reported below 2310FNL 2310FWL
 At total depth 2310FNL 2310FWL

5. Lease Serial No. NMLC054988B
 6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
 8. Lease Name and Well No. JENKINS B FEDERAL 12
 9. API Well No. 30-015-31559
 10. Field and Pool, or Exploratory GRAYBURG JACKSON
 11. Sec., T., R., M., or Block and Survey or Area Sec 20 T17S R30E Mer NMP
 12. County or Parish EDDY 13. State NM
 14. Date Spudded 02/21/2001 15. Date T.D. Reached 03/01/2001 16. Date Completed D & A Ready to Prod. 12/02/2014 17. Elevations (DF, KB, RT, GL)* 3640 GL
 18. Total Depth: MD 4900 TVD 19. Plug Back T.D.: MD 4220 TVD 20. Depth Bridge Plug Set: MD 4220 TVD
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) N/A 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	48.0		427		450			
12.250	8.625	24.0		1098		600			
7.875	5.500	17.0		4866		1050			

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	4149							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3100	3975	3100 TO 3975	0.600	162	OPEN
B)			4321 TO 4748	0.410	96	CLOSED CIBP @ 4180 W/40' CLA
C)						
D)						

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

Depth Interval	Amount and Type of Material
3100 TO 3975	383,851 GAL GEL, 456,823 16/30 BRADY SAND, 99,710# 16/30 SLC, 3662 GALS 7.5% HCL ACID.

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
12/07/2014	12/15/2014	24	→	83.0	140.0	324.0	35.3	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	
			→					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	
			→						

Pending BLM approvals will subsequently be reviewed and scanned AD

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
					Mcas. Depth
QUEEN	2070				
SAN ANDRES	2821				
GLORIETA	4254				
YESO	4318				

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 #288749 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad**

Name (please print) KANICIA CASTILLO Title PREPARER

Signature _____ (Electronic Submission) Date 01/21/2015

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.

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