

HOBBS OGD

MAR 30 2015

Form 3160-4 (August 2007)

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 RECEIVED

5. Lease Serial No. NMNM128366

1a. Type of Well [X] Oil Well [] Gas Well [] Dry [] Other []
b. Type of Completion [X] 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.

2. Name of Operator COG OPERATING LLC Contact: STORMI DAVIS E-Mail: sdavis@concho.com

8. Lease Name and Well No. BLACK PEARL 1 FEDERAL 3H

3. Address 2208 W MAIN ST ARTESIA, NM 88210 3a. Phone No. (include area code) Ph: 575-748-6946

9. API Well No. 30-025-42294

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NWNW 190FNL 1260FWL
At top prod interval reported below Sec 1 T20S R34E Mer NMP
At total depth SESW 522FSL 1994FWL

10. Field and Pool, or Exploratory LEA; BONE SPRING
11. Sec., T., R., M., or Block and Survey or Area Sec 1 T20S R34E Mer NMP
12. County or Parish LEA 13. State NM

14. Date Spudded 01/10/2015 15. Date T.D. Reached 02/05/2015 16. Date Completed [] D & A [X] Ready to Prod. 03/10/2015

17. Elevations (DF, KB, RT, GL)* 3695 GL

18. Total Depth: MD 15568 TVD 10919 19. Plug Back T.D.: MD 15465 TVD 10928 20. Depth Bridge Plug Set: MD 15465 TVD 10928

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE 22. Was well cored? [X] No [] Yes (Submit analysis) Was DST run? [X] No [] Yes (Submit analysis) Directional Survey? [] No [X] Yes (Submit analysis)

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

Table with columns: 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

24. Tubing Record

Table with columns: Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD)

25. Producing Intervals 26. Perforation Record

Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status

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

Table with columns: Depth Interval, Amount and Type of Material

28. Production - Interval A

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method

28a. Production - Interval B

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method

(See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #296071 VERIFIED BY THE BLM WELL INFORMATION SYSTEM ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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Handwritten initials

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.)
FLARED

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
DELAWARE	5852	5855		RUSTLER	1746
CHERRY CANYON	5856	6697		TOS	1866
BRUSHY CANYON	6698	8092		BOS	3403
BONE SPRING LM	8093	9492		TANSILL	3483
1ST BONE SPRING	9493	10213		YATES	3594
2ND BONE SPRING	10214	10777		SEVEN RIVERS	4003
3RD BONE SPRING	10778	10948		QUEEN	4597
				CAPITAN	4772

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 15106-15246 7032 302849 323631
 14713-14982 6000 305827 302478
 14309-14578 5922 301157 264222
 13906-14175 6006 296947 257418
 13502-13771 5982 299555 256638
 13099-13368 5982 300637 254479
 12697-12965 6048 301608 287700

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 #296071 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 03/25/2015

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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Additional data for transaction #296071 that would not fit on the form

32. Additional remarks, continued

12292-12561 6006 303268 216846
11892-12158 6024 299464 295152
11490-11755 6006 301116 250824
11077-11356 6024 294174 250506
Totals 67030 3306602 2959893

Additional Tops:

Delaware 5852
Cherry Canyon 5856
Brushy Canyon 6698
Bone Spring Lm 8093
1st Bone Spring 9493
2nd Bone Spring 10214
3rd Bone Spring 10778

Surveys are attached.