

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM956411a. 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.

2. Name of Operator
COG OPERATING LLC

Contact: STORMI DAVIS

8. Lease Name and Well No.
KING AIR 8 FEDERAL COM 4H3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-42873a. Phone No. (include area code)
Ph: 575.748.69409. API Well No.
30-025-42200-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SWSW 58FSL 982FWL 32.668134 N Lat, 103.794383 W Lon

At top prod interval reported below

At total depth Sec 8 T19S R32E Mer NMP
NWNW 342FNL 650FWL10. Field and Pool, or Exploratory
LUSK11. Sec., T., R., M., or Block and Survey
or Area Sec 8 T19S R32E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
01/16/201515. Date T.D. Reached
02/01/201516. Date Completed
☐ D & A ☒ Ready to Prod.
03/12/201517. Elevations (DF, KB, RT, GL)*
3610 GL18. Total Depth: MD 13834
TVD 923419. Plug Back T.D.: MD 13780
TVD 923420. Depth Bridge Plug Set: MD 13780
TVD 923421. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE22. 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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	1000		775		0	
12.250	9.625 J55	36.0	0	4483	2825	1900		0	
8.750	5.500 P110	17.0	0	13834		2800		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	8749							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9410	13740	9410 TO 13680	0.000	504	OPEN(41440) BS
B)			13730 TO 13740		60	OPEN
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9410 TO 13680	SEE IN REMARKS

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
03/14/2015	03/29/2015	24	→	486.0	316.0	1184.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	350	80.0	→	486	316	1184		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	
SI			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #297740 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

BUREAU OF LAND MANAGEMENT
FIELD OFFICE

APR 21 2015

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
CAPITAN REEF	2966	3712		RUSTLER	886
QUEEN	3713	4624		TOP OF SALT	964
CHERRY CANYON	4625	7024		BASE OF SALT	2404
BONE SPRING LIME	7025	8310		YATES	2663
BONE SPRING 1ST	8311	9059		SEVEN RIVERS	2873
BONE SPRING 2ND	9060	9261		CAPITAN REEF	2966
				QUEEN	3713
				CHERRY CANYON	4625

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
13486-13680 6972 449453 405006
13195-13389 6300 450070 388584
12904-13098 6006 450937 373758
12613-12807 5964 448868 374766
12321-12515 6174 449515 373380
12030-12224 6048 452442 371910
11739-11933 6048 449607 370734

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 #297740 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 04/13/2015 (15LJ0939SE)

Name (please print) STORMI DAVISTitle REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 04/09/2015

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #297740 that would not fit on the form

32. Additional remarks, continued

11448-11642 6006 450397 368550
11157-11351 6048 456725 372666
10866-11060 6006 448789 366450
10575-10769 7518 448894 367122
10283-10478 6048 449832 366576
9992-10186 6048 452371 367206
9701-9895 5964 454311 368004
9410-9604 6720 480670 373044
Totals 93870 6792881 5607756

Additional Tops:
Bone Spring Lm 7025
1st Bone Spring 8311
2nd Bone Spring 9060

Surveys attached.