

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

*NMOC D Copy*

5. Lease Serial No. NMNM95641

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. KING AIR 8 FEDERAL COM 4H

9. API Well No. 30-025-42200-00-S1

10. Field and Pool, or Exploratory LUSK

11. Sec., T., R., M., or Block and Survey or Area Sec 8 T19S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 01/16/2015 15. Date T.D. Reached 02/01/2015 16. Date Completed  D & A  Ready to Prod. 03/12/2015

17. Elevations (DF, KB, RT, GL)\* 3610 GL

18. Total Depth: MD 13834 TVD 9234 19. Plug Back T.D.: MD 13780 TVD 9234 20. Depth Bridge Plug Set: MD 13780 TVD 9234

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE

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 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 26. Perforation Record

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)						

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.	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

**ACCEPTED FOR RECORD**

APR 14 2015

*[Signature]*

BUREAU OF LAND MANAGEMENT  
FIELD OFFICE

(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

APR 21 2015 *[Signature]*

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 DAVIS Title 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 \*\***

**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.