

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC065928A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM138710

8. Lease Name and Well No. LITTLEFIELD 33 FEDERAL COM 706H

9. API Well No. 30-015-45163-00-S1

10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS)

11. Sec., T., R., M., or Block and Survey or Area Sec 33 T26S R29E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 10/08/2018 15. Date T.D. Reached 02/11/2019 16. Date Completed D & A Ready to Prod. 05/28/2019 17. Elevations (DF, KB, RT, GL)* 2860 GL

18. Total Depth: MD 17006 TVD 10082 19. Plug Back T.D.: MD 16880 TVD 10082 20. Depth Bridge Plug Set: MD 16935 TVD 10082

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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
14.750	10.750 L80	45.5	0	595		1000		0	
9.875	7.625 L80	29.7	0	9465	2734	1650		0	
6.750	5.500 P110	23.0	0	16995		2025		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	9404	9395						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10180	16920	10180 TO 16920		1216	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10180 TO 16920	SEE ATTACHED

NM OIL CONSERVATION
ARTESIA DISTRICT
SEP 23 2019
RECEIVED

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
05/28/2019	05/28/2019	24	→	514.0	2676.0	1559.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	SI 2850	2160.0	→	514	2676	1559		PGW	

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
 SEP - 1 2019
[Signature]
 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
LAMAR	2719			LAMAR	2719
CHERRY CANYON	3664			CHERRY CANYON	3664
BRUSHY CANYON	4945			BRUSHY CANYON	4945
BONE SPRING LIME	6497			BONE SPRING LIME	6497
BONE SPRING 1ST	7435			BONE SPRING 1ST	7435
BONE SPRING 2ND	8222			BONE SPRING 2ND	8222
BONE SPRING 3RD	9311			BONE SPRING 3RD	9311
WOLFCAMP	9665			WOLFCAMP	9665

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 #470248 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 07/02/2019 (19DMH0084SE)

Name (please print) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission) Date 06/24/2019

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.