

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NMNM108463

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

2. Name of Operator

COG Operating LLC

8. FARM OR LEASE NAME

Yellow Fin Federal Com #2H

3. Address

2208 W. Main Street
Artesia, NM 88210

3a. Phone No. (include area code)

575-748-6940

9. API WELL NO.

30-015-41129

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

At surface 330' FNL & 1880' FWL, Unit C (NENW) Sec 19-T26S-R26E

At top prod. Interval reported below

At total depth 327' FSL & 1960' FWL, Lot 3 (SESW) Sec 31-T26S-R26E

10. FIELD NAME

WC-015 G-04 S262619C; Bone Spring

11. SEC. T. R. M., OR BLOCK AND SURVEY
OR AREA 19 T 26S R 26E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

14. Date Spudded

4/18/13

15. Date T.D. Reached

5/31/13

16. Date Completed

10/23/13

☐ D & A☒ Ready to Prod.

17. ELEVATIONS (DF. RKB, RT, GR, etc.)*

3523'

GR

3553'

KB

18. Total Depth:

MD

19770'

TVD

7777'

19. Plug back T.D.:

MD

19705'

TVD

7777'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & other Logs Run (Submit a copy of each)

CNL, Laterolog

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

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 Sks. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H40	48#	0	406'		375 sx		0	None
12 1/4"	9 5/8" J55	36#	0	1606'		700 sx		0	None
7 7/8"	5 1/2" P110	17#	0	19752'	7397'	4900 sx		0	None

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 7/8"	7090'	7080'						

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	15475'	19685'	15475-19575'	0.43	504	Open
B)			19675-19685'	0.43	60	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
See Attached	See Attached

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
10/29/13	11/23/13	24	→	527	1153	2915			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	300#		→					Producing	

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	
			→						

* See instructions and spaces for additional data on page 2)

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 Flwe. 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 Flwe. 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 Measured Depth
Bone Spring	5150'	8124'		Top of Salt Base of Salt Bone Spring Lime 1st Bone Spring 2nd Bone Spring 3rd Bone Spring Wolfcamp	408' 1453' 5150' 6038' 6739' 7805' 8125'
					TD. 19770'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Stormi Davis

Title Regulatory Analyst

Signature



Date 11/25/13

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.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene
Carlsbad, New Mexico 88220-6292
www.nm.blm.gov



In Reply Refer to
NM133219
3107 (P0220)

Memorandum

To: State Director (9210)

From: Land Law Examiner (P0220)

Subject: First Production, Communitization Agreement NM133219

Date of Completion:	10/23/13
Date of First Production:	10/29/13
Field:	WC-015 G-04 S262619C
Operator, Well Name & No, API Number:	COG Operating; Yellow Fin Fed Com 2H; 3001541129
Surface Location:	sec. 19, T. 26 S., R. 26 E.
Total Depth:	19,770 MD; 7,777 TVD
Surface Elevation:	3,523 GL
Producing Formation:	Bone Spring (15,475 – 19,685)
Well Capable of Production in Paying Quantities:	Yes
Initial Daily Production:	Oil 527 BBL; Gas 1,153 MCF; Water 2,915 BBL
Current Status:	Producing Oil Well
Remarks:	CA NM133219, effective 3/1/13, communitizes production of all gas and fluid hydrocarbons in the Bone Spring formation beneath T. 26 S., R. 26 E., sec. 19: E2W2, sec. 30: E2W2, sec. 31: NENW, Lot 3, NMPM, and comprises 160 acres of Federal land in lease NM103597, 160 acres of Federal land in lease NM108461, and 62.98 acres of Federal land in lease NM108463 for a 382.98 acre well spacing unit, whose leases are held by actual production.

If you have any questions regarding this memorandum, please email Arthur Morrison at ajmorrison@blm.gov.

/S/ Arthur Morrison
August 29, 2014

cc:
ONRR-MS 63230B
First Production File
LLNM (P0220, File Room)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Pecos District

Carlsbad Field Office

620 E. Greene

Carlsbad, New Mexico 88220-6292

www.blm.gov/nm



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2014 SEP -9 P 3: 01

IN REPLY REFER TO:

NM133219

3105.2 (P0220)

Reference:

Yellow Fin Fed Com 2H

Sec. 19, T. 26 S., R. 26 E.,

Eddy County, NM

AUG 29 2014

COG Operating, LLC

600 West Illinois Avenue

Midland, TX 88220-6292

Gentlemen:

Enclosed is an approved copy of Communitization Agreement NM133219 involving 160 acres of Federal land in lease NMNM103597, 160 acres of Federal land in lease NMNM108461, and 62.98 acres of Federal land in lease NM108463 Eddy County, New Mexico, which comprise a 382.98 acre well spacing unit.


The agreement communitizes all rights to all producible hydrocarbons from the Bone Spring formation beneath T. 26 S., R. 26 E., sec. 19: E2W2, sec. 30: E2W2, sec. 31: NENW, Lot 3, NMPM, and is effective 3/1/13. Approval of this agreement does not warrant or certify that the operator, thereof, and other working interest owners hold legal or equitable title to the leases which are committed hereto.

Copies of this approval letter are being distributed to the appropriate Federal agencies. You are requested to furnish all interested parties with the appropriate evidence of this approval. Any production royalties that are due must be reported and paid according to regulations set up by the Office of Natural Resources Revenue at 1-800-525-9167 or 303-231-3504.

If you have any questions regarding this approval, please contact Edward G. Fernandez, Petroleum Engineer at (575) 234-2220.

Please furnish all interested principals with appropriate evidence of this approval.

Sincerely,


For
Steve Caffey
Assistant Field Manager,
Lands and Minerals

1 Enclosure:

1 - Communitization Agreement

cc:

ONRR, Denver (357B-1, Antoinette Contreras, Stacey Kaiser)

NM Taxation & Revenue Dept. (Revenue Processing Div.)

NMOCD

NM (9200)

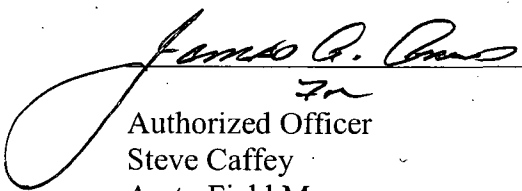
NM (P0220-CFO, File Room)

Determination - Approval - Certification

Pursuant to the authority vested in the Secretary of the Interior under Section 17(j) of the Mineral Leasing Act of 1920, as amended (74 Stat. 784; 30 U.S.C. 226(j)), and delegated to the authorized officer of the Bureau of Land Management, I do hereby:

- A. Determine that the Federal lease or leases as to the lands committed to the attached agreement cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located, and that consummation and approval of the agreement will be in the public interest. Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.
- B. Approve the attached Communitization Agreement covering T. 26 S., R. 26 E., sec. 19: E2W2, sec. 30: E2W2, sec. 31: NENW, Lot 3, NMPM, as to all producible hydrocarbons from the Bone Spring formation. This approval will become invalid if the public interest requirements under section 3105.2-3 (e) are not met.
- C. Certify and determine that the drilling, producing, rental, minimum royalty and royalty requirements of the Federal lease or leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of the agreement.

Approved:



Authorized Officer
Steve Caffey
Asst. Field Mgr.

Effective: 3/1/13

Contract No.: Com. Agr. NM133219