

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

5. Lease Serial No.
NMNM43565

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____						6. If Indian, Allottee or Tribe Name	
						7. Unit or CA Agreement Name and No.	
2. Name of Operator COG PRODUCTION LLC Contact: AMANDA AVERY E-Mail: aaavery@concho.com						8. Lease Name and Well No. SQUINTS FEDERAL COM 8H	
3. Address 2208 W MAIN STREET ARTESIA, NM 88210				3a. Phone No. (include area code) Ph: 575-748-6940		9. API Well No. 30-025-43168-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 27 T22S R34E Mer NMP SWSW 220FSL 690FWL 32.356026 N Lat, 103.464247 W Lon Sec 27 T22S R34E Mer NMP At top prod interval reported below SWSW 220FSL 690FWL 32.356026 N Lat, 103.464247 W Lon Sec 22 T22S R34E Mer NMP At total depth NWNW 79FNL 964FWL 32.384231 N Lat, 103.463289 W Lon						10. Field and Pool, or Exploratory OJO CHISO	
						11. Sec., T., R., M., or Block and Survey or Area Sec 27 T22S R34E Mer NMP	
						12. County or Parish LEA	
14. Date Spudded 12/22/2019		15. Date T.D. Reached 02/03/2020		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/26/2020		17. Elevations (DF, KB, RT, GL)* 3404 GL	
18. Total Depth:		MD 20343 TVD 10085		19. Plug Back T.D.:		MD 20252 TVD 10085	
						20. Depth Bridge Plug Set:	
						MD 20252 TVD 10085	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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
20.000	16.000 J55	80.0	0	1907		1750		0	
17.500	13.375 J-55	54.5	0	1910		1045		0	
14.750	11.750 J55	60.0	0	3597		1100		0	
12.250	9.625 L-80	40.0	0	5350	3920	1655		0	
10.625	8.625 L80	32.0	0	5507	3911	800		0	
8.750	5.500 P-110	17.0	0	20185		3470		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	9357	9347						

25. Producing Intervals

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10321	20160	10321 TO 20160		1150	OPEN
B)						
C)						
D)						



26. Perforation Record

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10321	20160	10321 TO 20160		1150	OPEN
B)						
C)						
D)						



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

Depth Interval	Amount and Type of Material
10321 TO 20160	75,369 7 1/2%; 20,010,100# SAND; 18,911,638 GAL FLUID.

28. Production - Interval A

Date First Produced 08/12/2020	Test Date 08/12/2020	Hours Tested 24	Test Production 	Oil BBL 1206.0	Gas MCF 1479.0	Water BBL 1900.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 22/64	Tbg. Press. Flwg. 1400 SI	Csg. Press. 1300.0	24 Hr. Rate 	Oil BBL 1206	Gas MCF 1479	Water BBL 1900	Gas:Oil Ratio	Well Status 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	

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

ELECTRONIC SUBMISSION #527249 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
RUSTLER	1594			RUSTLER	1594
TOP OF SALT	1873			TOP OF SALT	1873
BASE OF SALT	3576			BASE OF SALT	3576
LAMAR	5325			LAMAR	5325
BELL CANYON	5428			BELL CANYON	5428
CHERRY CANYON	5778			CHERRY CANYON	5778
BRUSHY CANYON	7249			BRUSHY CANYON	7249
BONE SPRING 2ND	8541			BONE SPRING 2ND	8541

32. Additional remarks (include plugging procedure):

FIRST BONE SPRING 9616
SECOND BONE SPRING 10172

33. Circle enclosed attachments:

- Electrical/Mechanical Logs (1 full set req'd.)
- 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):

Electronic Submission #527249 Verified by the BLM Well Information System.

For COG PRODUCTION LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH HAM on 12/12/2020 (21DMH0028SE)

Name(*please print*) AMANDA AVERY

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 08/25/2020

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 #527249 that would not fit on the form

23. Casing and Liner Record, continued

Hole Size	Size/Grade	Wt.(#/ft.)	Top(MD)	Btm(MD)	Stg Cmnr	Sx,Type Cmnr	Slurry Vol	Cement Top	Amt Pulled
7.875	5.500 P110	17.0	0	20343		3150		0	

Revisions to Operator-Submitted EC Data for Well Completion #527249

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM43565	NMNM43565
Agreement:		
Operator:	COG OPERATING LLC 2208 W MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940	COG PRODUCTION LLC 2208 W MAIN STREET ARTESIA, NM 88210 Ph: 575.748.6940
Admin Contact:	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940
Tech Contact:	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940
Well Name: Number:	SQUINTS FEDERAL COM 8H	SQUINTS FEDERAL COM 8H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 27 T22S R34E Mer NMP	Sec 27 T22S R34E Mer NMP
Surf Loc:	SWSW Lot M 220FSL 690FWL 32.356026 N Lat, 103.464247 W Lon	SWSW Lot M 220FSL 690FWL 32.356026 N Lat, 103.464247 W Lon
Field/Pool:	OJO CHISO; BONE SPRING	OJO CHISO
Logs Run:		
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	RUSLTER TOP OF SALT BOTTOM OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE	RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING 2ND
Markers:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE	RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING 2ND

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 13792

CONDITIONS OF APPROVAL

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	13792	Action Type:	C-105
OCD Reviewer	Condition								
plmartinez	None								