

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 OPERATING LLC <div style="text-align: right;">Contact: AMANDA AVERY E-Mail: aaavery@concho.com</div>						8. Lease Name and Well No. SQUINTS FEDERAL COM 7H	
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287				3a. Phone No. (include area code) Ph: 575-748-6940		9. API Well No. 30-025-43167-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 27 T22S R34E Mer NMP SESW 220FSL 2010FWL 32.356025 N Lat, 103.459973 W Lon Sec 27 T22S R34E Mer NMP At top prod interval reported below SESW 220FSL 2010FWL 32.356025 N Lat, 103.459973 W Lon Sec 22 T22S R34E Mer NMP At total depth NENW 51FNL 2257FWL 32.384312 N Lat, 103.459099 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	
						13. State NM	
14. Date Spudded 12/14/2019		15. Date T.D. Reached 02/23/2020		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/02/2020		17. Elevations (DF, KB, RT, GL)* 3404 GL	
18. Total Depth:		MD 20531 TVD 10420		19. Plug Back T.D.:		MD 20395 TVD 10420	
						20. Depth Bridge Plug Set:	
						MD 20405 TVD 10420	
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1840		1065		0	
20.000	16.000 J55	84.0	0	1910		1979		0	
14.750	11.750 J55	60.0	0	3712		1650		0	
12.250	9.625 L-80	40.0	0	5420	3940	1650		0	
10.625	8.625 L80	32.0	0	5502	3954	875		0	
8.750	5.500 P-110	17.0	0	20217		3480		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	9749	9739						

25. Producing Intervals

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10550	20380	10550 TO 20380		1500	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	10550	20380	10550 TO 20380		1500	OPEN
B)						
C)						
D)						



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

Depth Interval	Amount and Type of Material
10550 TO 20380	75600 GAL 7 1/2%; 20,015,267# SAND; 18,751,110 GAL FLUID.

28. Production - Interval A

Date First Produced 08/11/2020	Test Date 08/11/2020	Hours Tested 24	Test Production 	Oil BBL 1146.0	Gas MCF 1525.0	Water BBL 2066.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 22/64	Tbg. Press. Flwg. 2000 SI	Csg. Press. 1550.0	24 Hr. Rate 	Oil BBL 1146	Gas MCF 1525	Water BBL 2066	Gas:Oil Ratio 1	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 #527080 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	1638			RUSTLER	1638
TOP OF SALT	1927			TOP OF SALT	1927
BASE OF SALT	3554			BASE OF SALT	3554
LAMAR	5345			LAMAR	5345
BELL CANYON	5451			BELL CANYON	5451
CHERRY CANYON	5787			CHERRY CANYON	5787
BRUSHY CANYON	7422			BRUSHY CANYON	7244
BONE SPRING 2ND	8502			BONE SPRING 2ND	8502

32. Additional remarks (include plugging procedure):
FIRST BONE SPRING 9589
SECOND BONE SPRING 10112

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 #527080 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH HAM on 12/12/2020 (21DMH0027SE)

Name(*please print*) AMANDA AVERY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/24/2020

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 #527080 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	Cmnt	Slurry Vol	Cement Top	Amt Pulled
7.875	5.500 P110	17.0	0	20520		3700			360	

Revisions to Operator-Submitted EC Data for Well Completion #527080

	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 OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342
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:	SQUINTS FEDERAL COM	SQUINTS FEDERAL COM
Number:	7H	7H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 27 T22S R34E Mer NMP	Sec 27 T22S R34E Mer NMP
Surf Loc:	SESW Lot N 220FSL 2010FWL 32.356025 N Lat, 103.459973 W Lon	SESW Lot N 220FSL 2010FWL 32.356025 N Lat, 103.459973 W Lon
Field/Pool:	OJO CHISO; BONE SPRING	OJO CHISO
Logs Run:		
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	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
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 13794

CONDITIONS OF APPROVAL

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	13794	Action Type:	C-105
OCD Reviewer	Condition								
plmartinez	None								