

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTEMNRD-OCD ARTESIA
REC'D: 6/30/2020FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other				5. Lease Serial No. NMNM18613A	
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	
2. Name of Operator COG OPERATING LLC				Contact: AMANDA AVERY E-Mail: aavery@concho.com	
3. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701				3a. Phone No. (include area code) Ph: 575-748-6940	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 695FNL 2310FEL 32.208326 N Lat, 104.142932 W Lon Sec 24 T24S R27E Mer NMP At top prod interval reported below NWNE 695FNL 2310FEL 32.208326 N Lat, 104.142932 W Lon Sec 25 T24S R27E Mer NMP At total depth SWSE 200FSL 2295FEL 32.181566 N Lat, 104.142915 W Lon				8. Lease Name and Well No. QUIEN SABE FEDERAL COM 603H	
14. Date Spudded 08/19/2019				15. Date T.D. Reached 09/30/2019	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/01/2020				9. API Well No. 30-015-46128-00-X1	
18. Total Depth: MD 19149 TVD 9283				19. Plug Back T.D.: MD 19060 TVD 9283	
20. Depth Bridge Plug Set: MD 19062 TVD 9283				10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS)	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3124 GL				11. Sec., T., R., M., or Block and Survey or Area Sec 24 T24S R27E Mer NMP	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)				12. County or Parish EDDY	
23. Casing and Liner Record (Report all strings set in well)				13. State NM	
17. Elevations (DF, KB, RT, GL)* 3124 GL					

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	740		720		0	
12.250	9.625 L80	40.0	0	8518	2398	1960		0	
8.750	5.500 P110	20.0	0	19132		4170		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8523	8513						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9499	19035	9499 TO 19035		1344	OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
9499 TO 19035	SEE ATTACHED INFORMATION

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/13/2020	02/13/2020	24	→	201.0	601.0	2478.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI 1860	500.0	→	201	601	2478		PGW	

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		→						

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

ELECTRONIC SUBMISSION #507594 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

7/8/2020ab

** 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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	564			RUSTLER	564
TOP SALT	745			TOP SALT	745
BOTTOM SALT	2196			BOTTOM SALT	2196
LAMAR	2399			LAMAR	2399
CHERRY CANYON	3180			CHERRY CANYON	3180
BRUSHY CANYON	4365			BRUSHY CANYON	4365
BONE SPRING LIME	5917			BONE SPRING LIME	5917
AVALON SAND	6519			AVALON SAND	6519

32. Additional remarks (include plugging procedure):
 FIRST BONE SPRING 6917
 SECOND BONE SPRING 7573
 THIRD BONE SPRING 8837
 WOLFCAMP 9388

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 #507594 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by VIOLETA BURKE on 06/09/2020 (20VB0287SE)

Name(*please print*) AMANDA AVERY Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 03/18/2020

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.

Revisions to Operator-Submitted EC Data for Well Completion #507594

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM18613A	NMNM18613A
Agreement:		
Operator:	COG OPERATING LLC 2208 W MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940	COG OPERATING LLC 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385
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:	QUIEN SABE FEDERAL COM 603H	QUIEN SABE FEDERAL COM 603H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 24 T24S R27E Mer NMP	Sec 24 T24S R27E Mer NMP
Surf Loc:	NWNE Lot B 695FNL 2310FEL 32.208326 N Lat, 104.142932 W Lon	NWNE Lot B 695FNL 2310FEL 32.208326 N Lat, 104.142932 W Lon
Field/Pool:	PURPLE SAGE; WOLFCAMP	PURPLE SAGE-WOLFCAMP (GAS)
Logs Run:		3124 GL
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE AVALON	RUSTLER TOP SALT BOTTOM SALT LAMAR CHERRY CANYON BRUSHY CANYON BONE SPRING LIME AVALON SAND
Markers:	RUSTLER TOP OF SALT BOTTON OF SALT LAMAR CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE AVALON	RUSTLER TOP SALT BOTTOM SALT LAMAR CHERRY CANYON BRUSHY CANYON BONE SPRING LIME AVALON SAND