

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 1 2015

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED

5. Lease Serial No.
NMMN114970

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ 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
Contact: STORMI DAVIS
E-Mail: sdavis@concho.com

8. Lease Name and Well No.
SCREECH OWL FEDERAL 4H

3. Address 2208 W MAIN ST
ARTESIA, NM 88210

3a. Phone No. (include area code)
Ph: 575-748-6946

9. API Well No.
30-015-42828

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 19 T26S R27E Mer NMP
At surface NENE 190FNL 330FEL

10. Field and Pool, or Exploratory
WELCH; BONE SPRING

At top prod interval reported below
Sec 30 T26S R27E Mer NMP
At total depth SESE 354FSL 405FEL

11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T26S R27E Mer NMP

12. County or Parish
EDDY
13. State
NM

14. Date Spudded
01/08/2015

15. Date T.D. Reached
01/27/2015

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/23/2015

17. Elevations (DF, KB, RT, GL)*
3316 GL

18. Total Depth: MD 17323
TVD 7438

19. Plug Back T.D.: MD 17230
TVD 7444

20. Depth Bridge Plug Set: MD 17230
TVD 7444

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE

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
17.500	13.375 J55	48.0	0	363		450		0	
12.250	9.625 J55	36.0	0	2030		725		0	
8.750	5.500 P110	17.0	0	17303		3650		5950	

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	7655	6917						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7694	17215	7694 TO 17155	0.430	1152	OPEN
B)			17205 TO 17215		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
7694 TO 17155	SEE IN REMARKS

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
05/04/2015	05/22/2015	24	→	1165.0	3371.0	1333.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
43/64	SI 920	180.0	→	1165	3371	1333		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	Well Status
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #302810 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

6/16/15

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.)

FLARED

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	2070	2108		TOS	365
BELL CANYON	2109	2961		BOS	1881
CHERRY CANYON	2962	4077		LAMAR	2070
BRUSHY CANYON	4078	5654		BELL CANYON	2109
BONE SPRING LM	5655	6610		CHERRY CANYON	2962
1ST BONE SPRING	6611	7371		BRUSHY CANYON	4078
2ND BONE SPRING	7372	7498		BONE SPRING LM	5655
				1ST BONE SPRING	6611

32. Additional remarks (include plugging procedure):

AMENDED TO CORRECT TUBING & PACKER DEPTH

Perfs 7 1/2" Sand (#) Fluid (gal)
 16956-17155 7032 448842 417120
 16657-16857 5999 448090 399311
 16358-16560 6006 450533 384594
 16059-16258 6006 449018 390810
 15760-15961 6024 449951 391290

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 #302810 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Carlsbad

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/26/2015

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Additional data for transaction #302810 that would not fit on the form

32. Additional remarks, continued

15461-15665 5999 450570 389281
15162-15359 6024 448196 390534
14863-15063 6006 452253 387996
14565-14764 6006 450860 386526
14266-14465 6024 451486 384468
13967-14168 6024 449196 383148
13668-13869 6006 450794 382872
13369-13568 6048 450272 376488
13070-13269 6006 449587 379428
12771-12970 6024 449653 375925
12472-12672 6024 451451 375246
12173-12373 6024 449650 527202
11878-12074 6006 450020 373044
11577-11775 6024 450042 372155
11277-11476 6066 450869 375624
10978-11179 6048 450482 371532
10679-10878 5999 446659 371399
10380-10578 6024 450527 367266
10086-10280 5964 449419 369752
9782-9981 6090 449687 369684
9483-9683 6384 455140 367962
9184-9384 6258 451666 365736
8886-9085 6006 450307 366408
8587-8781 6048 449023 365694
8288-8488 6006 450072 363930
7989-8183 6090 450234 362460
7694-7889 6048 444392 360192
Totals 194340 14398941 12245074

Additional Tops:
2nd Bone Spring 7372

Surveys are attached.