

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOC D
NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 22 2016

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
RECEIVED

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMNM114970	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No.	
Contact: STORMI DAVIS E-Mail: sdavis@concho.com		8. Lease Name and Well No. SCREECH OWL FEDERAL 2H	
3. Address 2208 W MAIN ST ARTESIA, NM 88210		9. API Well No. 30-015-42826	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 19 T26S R27E Mer NMP At surface NENW 50FNL 1550FWL At top prod interval reported below Sec 30 T26S R27E Mer NMP At total depth SESW 341FSL 1901FWL		10. Field and Pool, or Exploratory WELCH; BONE SPRING	
14. Date Spudded 04/29/2015		15. Date T.D. Reached 05/22/2015	
16. Date Completed ☐ D & A ☒ Ready to Prod. 06/16/2015		17. Elevations (DF, KB, RT, GL)* 3340 GL	
18. Total Depth: MD 17458 TVD 7400		19. Plug Back T.D.: MD 17390 TVD 7400	
20. Depth Bridge Plug Set: MD 17390 TVD 7400		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	54.5	0	338		400		0	
12.250	9.625 J55	36.0	0	2025		725		0	
8.750	5.500 P110	17.0	0	17458		3390		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	7650	6847						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7700	17365	7700 TO 17365	0.430	1152	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7700 TO 17365	SEE IN REMARKS

28. Production - Interval A

Date First Produced 06/21/2015	Test Date 06/24/2015	Hours Tested 24	Test Production →	Oil BBL 545.0	Gas MCF 1469.0	Water BBL 2879.0	Oil Gravity Corr. API	Gas Gravity	Production Method POW
Choke Size 40/64	Tbg. Press. Flwg. SI	Csg. Press. 650.0	24 Hr. Rate →	Oil BBL 545	Gas MCF 1469	Water BBL 2879	Gas:Oil Ratio		

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		
			→						

ACCEPTED FOR RECORD
FEB 11 2016
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #309640 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation was due: 12/24/2015

CR

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	2027	2094		TOS	334
BELL CANYON	2095	2938		BOS	1864
CHERRY CANYON	2939	4090		LAMAR	2027
BRUSHY CANYON	4091	5614		BELL CANYON	2095
BONE SPRING LM	5615	6590		CHERRY CANYON	2939
1ST BONE SPRING	6591	7514		BRUSHY CANYON	4091
				BONE SPRING LM	5615
				1ST BONE SPRING	6591

32. Additional remarks (include plugging procedure):

17162-17365 3024 447031 359478
 16788-16962 6006 447822 389886
 16551-16735 6132 449359 394422
 16246-16449 6048 452947 390012
 15941-16195 6048 451154 388668
 15635-15839 6048 453774 387198
 15330-15534 6006 448924 481026
 15025-15229 6006 451894 383586

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 #309640 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH HAM on 11/06/2015 ()

Name (please print) STORMI DAVISTitle REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 07/20/2015

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.

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• Additional data for transaction #309640 that would not fit on the form

32. Additional remarks, continued

14720-14923 6006 453043 382914
14415-14618 6048 447308 380604
14105-14313 5964 449002 379554
13804-14008 6048 450331 377454
13499-13703 6048 445017 374892
13191-13395 6048 419719 364644
12889-13092 6048 448493 382914
12583-12782 6006 450082 373926
12278-12477 6006 450001 372792
11975-12176 6048 446302 372666
11668-11871 9072 600404 549486
11363-11566 6048 452918 364392
11057-11261 6006 449776 364644
10752-10957 6006 442876 360612
10447-10650 5964 453014 365358
10143-10345 6006 451374 369096
9836-10040 6048 450652 363090
9531-9735 6048 453087 361830
9226-9430 6048 452439 358596
8921-9124 6006 450624 357252
8616-8816 6048 452372 359520
8310-8514 6048 450711 359898
8005-8209 6048 445981 367500
7700-7903 6048 458144 360360
Totals 193032 14526575 12198270

Surveys are attached.
