

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC ✓ 2208 W. Main Street Artesia, NM 88210		² OGRID Number 229137 ✓
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-42524 ✓	⁵ Pool Name Lusk; Bone Spring	⁶ Pool Code 41440
⁷ Property Code 38641 ✓	⁸ Property Name SL East 30 Federal Com ✓	⁹ Well Number 2H ✓

II. ¹⁰ Surface Location

Ul or lot no. P	Section 19	Township 19S	Range 32E	Lot Idn	Feet from the 520	North/South Line South	Feet from the 530	East/West line East	County Lea ✓
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	-----------------

¹¹ Bottom Hole Location

Ul or lot no. P	Section 30	Township 19S	Range 32E	Lot Idn	Feet from the 352	North/South Line South	Feet from the 362	East/West line East	County Lea
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 3/9/16	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				



III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
5108	Sentinel Transportation, LLC 4001 E. 42 nd Street - Ste 307 Odessa, TX 79762	O
36785	DCP Midstream, LP 10 Desta Dr - Suite 2500 Midland, TX 79705-4528	G

IV. Well Completion Data

²¹ Spud Date 1/1/16	²² Ready Date 2/20/16	²³ TD 14545' 9314	²⁴ PBSD 14490'	²⁵ Perforations 10029-14450'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20"	895'	1425		
17 1/2"	13 3/8"	2748'	1950		
12 1/4"	9 5/8"	4420'	1400		
8 3/4"	5 1/2"	14540'	2975		
	2 7/8"	8721'			

V. Well Test Data

³¹ Date New Oil 3/9/16	³² Gas Delivery Date 3/9/16	³³ Test Date 3/10/16	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 210#	³⁶ Csg. Pressure 80#
³⁷ Choke Size	³⁸ Oil 514	³⁹ Water 1300	⁴⁰ Gas 157		⁴¹ Test Method Pumping
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Stormi Davis			Approved by: 		
Title: Regulatory Analyst			Title: Petroleum Engineer		
E-mail Address: sdavis@concho.com			Approval Date: 6-10-16		
Date: 3/21/16		Phone: 575-748-6946	Pending BLM approvals will subsequently be reviewed and scanned		

CY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM025566
2. Name of Operator COG OPERATING LLC ✓		6. If Indian, Allottee or Tribe Name
Contact: STORMI DAVIS E-Mail: sdavis@concho.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 2208 WEST MAIN ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-6946	8. Well Name and No. SL EAST 30 FEDERAL COM 2H ✓
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T19S R32E Mer NMP SESE 520FSL 530FEL ✓		9. API Well No. 30-025-42524 ✓
10. Field and Pool, or Exploratory LUSK; BONE SPRING		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

2/1/16 Test 9 5/8" x 5 1/2" annulus to 1500#. Good test. Set CBP @ 14490'. Test csg to 8235# for 30 mins. Good test. Perf 14440-14450' (60). Perform injection test.

2/18/16 to 2/20/16 Perf 10029-14177' (504). Acdz w/44430 gal 15% acid. Frac w/6315418# sand & 5217324 gal fluid.

2/22/16 Began flowing back & testing.

2/26/16 to 2/27/16 Drill out all frac plugs. Clean down to CBP.

2/29/16 Set 2 7/8" 6.5# L-80 tbg @ 8721' & place well on pump.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #335009 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs

Name (Printed/Typed) STORMI DAVIS

Title PREPARER

Signature (Electronic Submission)

Date 03/30/2016

THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Pending BLM approvals will
subsequently be reviewed
and scanned

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.

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

Additional data for EC transaction #335009 that would not fit on the form

32. Additional remarks, continued

3/9/16 Date of first production.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

APR 04 2016

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM025566

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
SL EAST 30 FEDERAL COM 2H

9. API Well No.
30-025-42524

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

11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T19S R32E Mer NMP

12. County or Parish
LEA

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3562 GL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

2. Name of Operator
COG OPERATING LLC

Contact: STORMI DAVIS
E-Mail: sdavis@concho.com

3. Address 2208 WEST MAIN
ARTESIA, NM 88210

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SESE 520FSL 530FEL
At top prod interval reported below
Sec 30 T19S R32E Mer NMP
At total depth SESE 352FSL 362FEL

14. Date Spudded
01/01/2016

15. Date T.D. Reached
01/23/2016

16. Date Completed
☐ D & A ☒ Ready to Prod.
02/20/2016

18. Total Depth: MD 14545
TVD 9314

19. Plug Back T.D.: MD 14490
TVD 9316

20. Depth Bridge Plug Set: MD 14490
TVD 9316

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

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
26.000	20.000 J55	106.5	0	895		1425		0	
17.500	13.375 J55	61.0	0	2748		1950		0	
12.250	9.625 J55	40.0	0	4420	2839	1400		0	
8.750	5.500 P110	17.0	0	14540		2975		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	8721							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10029	14450	10029 TO 14177	0.430	504	OPEN
B)			14440 TO 14450		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
10029 TO 14177	SEE ATTACHED

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
03/09/2016	03/10/2016	24	→	514.0	157.0	1300.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	210	80.0	→	514	157	1300		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	
			→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #335022 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

dy

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
DELAWARE	4481	4555		RUSTLER	760
CHERRY CANYON	4556	5569		SALADO	858
BRUSHY CANYON	5570	7109		TANSILL	2411
BONE SPRING LM	7110	8379		YATES	2537
1ST BONE SPRING	8380	9094		SEVEN RIVERS	2634
2ND BONE SPRING	9095	9326		CAPITAN REEF	2822
				DELAWARE	4481
				CHERRY CANYON	4556

32. Additional remarks (include plugging procedure):

Perfs 7 1/2%(Gal) Sand(#) Fluid(Gal)
 13390-14177 4788 451359 402360
 13858-14071 3024 451571 373422
 13539-13752 3024 454919 371784
 13220-13433 3024 428722 370776
 12901-13114 2982 453612 371532
 12582-12790 3066 450647 370608
 12269-12475 2262 454235 373548

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 #335022 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Hobbs

Name (please print) STORMI DAVISTitle PREPARER

Signature _____ (Electronic Submission)

Date 03/30/2016

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 #335022 that would not fit on the form

32. Additional remarks, continued

11944-12156 3024 451939 381570
11624-11837 3024 453932 367248
11305-11519 2982 452902 366492
10986-11195 4158 454162 370482
10662-10880 3024 450325 366492
10348-10560 3024 448140 364854
10029-10242 3024 458953 366156
Totals 44430 6315418 5217324

Additional Tops:

Brushy Canyon 5570'
Bone Spring Lm 7110'
1st Bone Spring 8380'
2nd Bone Spring 9095'

Surveys Attached.