

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 - 015-39473	⁵ Pool Name Forty Niner Ridge; Bone Spring, West		⁶ Pool Code 96526
⁷ Property Code 38857	⁸ Property Name Ice Dancer 30 Federal Com		⁹ Well Number 2H

II. ¹⁰ Surface Location

Ul or lot no. O	Section 30	Township 23S	Range 30E	Lot Idn	Feet from the 475	North/South Line South	Feet from the 1890	East/West line East	County Eddy
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¹¹ Bottom Hole Location

Ul or lot no. B	Section 30	Township 23S	Range 30E	Lot Idn	Feet from the 342	North/South Line North	Feet from the 2256	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 151618	¹⁹ Transporter Name and Address Enterprise Field Services, LLC P.O. Box 4503 Houston, TX 77210-4503		²⁰ O/G/W O
	NM OIL CONSERVATION ARTESIA DISTRICT		
	MAR 17 2016		
	RECEIVED		

IV. Well Completion Data

²¹ Spud Date 9/1/15	²² Ready Date 2/27/16	²³ TD 14681' 10388	²⁴ PBSD 14593'	²⁵ Perforations 10614-14578'	²⁶ DHC, MC
²⁷ Hole Size 17 1/2"		²⁸ Casing & Tubing Size 13 3/8"		²⁹ Depth Set 225'	³⁰ Sacks Cement 662
12 1/4"		9 5/8"		3342'	1200
8 3/4"		5 1/2"		14665'	2410
		2 7/8"		9792'	

V. Well Test Data

³¹ Date New Oil 3/3/16	³² Gas Delivery Date	³³ Test Date 3/7/16	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 2050#	³⁶ Csg. Pressure 2550#
³⁷ Choke Size 24/64"	³⁸ Oil 459	³⁹ Water 2649	⁴⁰ Gas 1639		⁴¹ Test Method Flowing

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:

Printed name:
Stormi Davis

Title:
Regulatory Analyst

E-mail Address:
sdavis@concho.com

Date:
3/11/16

Phone:
575-748-6946

Approved by:

Title:

Approval Date:

Pending BLM approvals will subsequently be reviewed and scanned LND

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. NMNM93205
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 2208 WEST MAIN ARTESIA, NM 88210		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 575-748-6946		8. Well Name and No. ICE DANCER 30 FEDERAL COM 2H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T23S R30E Mer NMP SWSE 475FSL 1890FEL		9. API Well No. 30-015-39473
		10. Field and Pool, or Exploratory FORTY NINER RIDGE; BS
		11. County or Parish, and State EDDY 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.)

11/3/16 to 11/8/16 MIRU. Test 5 1/2" x 9 5/8" annulus to 1500#. Good test. Test 5 1/2" to 8500# for 15 mins. Good test. Drill out DVT, FC, FS & new formation to 14681'. Circ clean.

12/1/16 Set CBP @ 14593'. Test csg to 8303# for 30 mins. Perforate 14568-14578' (60). Pump injection test.

2/2/16 to 2/4/16 Perforate Bone Spring 10614-14518' (468). Acdz w/41916 gal 7 1/2% acid. Frac w/5841252# sand & 4839702 fluid.

2/24/16 to 2/25/16 Drilled out CFP's.

2/26/16 to 2/27/16 Set 2 7/8" 6.5# L-80 tbq @ 9792' & pkr @ 9782'.

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 17 2016

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #333700 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad	
Name (Printed/Typed) STORMI DAVIS	Title PREPARER
Signature (Electronic Submission)	Date 03/15/2016
THIS SPACE FOR FEDERAL OR STATE OFFICE	
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 _____
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 make to any department or agency of the States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

Pending BLM approvals will
subsequently be reviewed
and scanned *CRD*

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

Additional data for EC transaction #333700 that would not fit on the form

32. Additional remarks, continued

2/29/16 Began flowing back & testing.

3/3/16 Date of first production.

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 17 2016

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.
NMNM93205

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
ICE DANCER 30 FEDERAL COM 2H

9. API Well No.
30-015-39473

10. Field and Pool, or Exploratory
FORTY NINER RIDGE; BS

11. Sec., T., R., M., or Block and Survey
or Area Sec 30 T23S R30E Mer NMP

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3071 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)*
Sec 30 T23S R30E Mer NMP
At surface SWSE 475FSL 1890FEL
At top prod interval reported below
Sec 30 T23S R30E Mer NMP
At total depth NWNE 342FNL 2256FEL

14. Date Spudded
09/01/2015

15. Date T.D. Reached
09/22/2015

16. Date Completed
☐ D & A ☒ Ready to Prod.
02/27/2016

18. Total Depth: MD 14681
TVD 10388

19. Plug Back T.D.: MD 14593
TVD 10392

20. Depth Bridge Plug Set: MD 14593
TVD 10392

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL, SONIC, LATEROLOG

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	225		662		0	
12.250	9.625 J55	36.0	0	3342		1200		0	
8.750	5.500 P110	17.0	0	14665	6633	2410		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	9792	9782						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10614	14578	10614 TO 14518	0.430	468	OPEN
B)			14568 TO 14578		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
10614 TO 14518	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
03/03/2016	03/07/2016	24	→	459.0	1639.0	2649.0			FLOWS FROM
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64	SI 2050	2550.0	→	459	1639	2649		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.	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 #333708 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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):	31. Formation (Log) Markers
<p>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.</p>	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
LAMAR	3379	3408		LAMAR	3379
BELL CANYON	3409	4249		BELL CANYON	3409
CHERRY CANYON	4250	5518		CHERRY CANYON	4250
BRUSHY CANYON	5519	7106		BRUSHY CANYON	5519
BONE SPRING LM	7107	8151		BONE SPRING LM	7107
1ST BONE SPRING	8152	9011		1ST BONE SPRING	8152
2ND BONE SPRING	9012	10066		2ND BONE SPRING	9012
3RD BONE SPRING	10067	10430		3RD BONE SPRING	10067

32. Additional remarks (include plugging procedure):
 Perfs 7 1/2%(Gal) Sand(%) Fluid(Gal)
 14313-14518 4032 451535 396480
 14004-14210 3108 452438 371448
 13696-13902 4536 451229 385182
 13384-13593 3024 451045 372750
 13081-13285 3024 451094 371280
 12771-12977 3024 451869 369684
 12463-12667 3024 450258 369222

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 #333708 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) STORMI DAVIS Title PREPARER

Signature (Electronic Submission) Date 03/15/2016

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 #333708 that would not fit on the form

32. Additional remarks, continued

12155-12363 3024 452030 370230
11847-12052 3024 452191 369810
11539-11744 3024 452782 368172
11230-11433 3024 449300 369978
10922-11130 3024 449801 365820
10614-10819 3024 425680 359646
Totals 41916 5841252 4839702

Surveys & logs are attached.

Additional Tops:
Wolfcamp 10431'