

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

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

Form C-104
Revised August 1, 2011

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 - 025-44745	⁵ Pool Name Bobcat Draw; Upper Wolfcamp	⁶ Pool Code 98094
⁷ Property Code 321209	⁸ Property Name Dominator 25 Federal Com	⁹ Well Number 705H

II. ¹⁰ Surface Location

Ul or lot no. O	Section 25	Township 25S	Range 33E	Lot Idn	Feet from the 280	North/South Line South	Feet from the 1980	East/West line East	County Lea
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¹¹ Bottom Hole Location

Ul or lot no. B	Section 25	Township 25S	Range 33E	Lot Idn	Feet from the 223	North/South Line North	Feet from the 2296	East/West line East	County Lea
¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date 4/21/19	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
	Alpha Crude Connector Pipeline	O
298751	Energy Transfer 2001 Bryan Street Ste 3700 Dallas, TX 75201	G
278421	Holly Refining and Marketing Company PO Box 159 Artesia, NM 88210	O

IV. Well Completion Data

²¹ Spud Date 7/18/18	²² Ready Date 4/21/19	²³ TD 17,532'	²⁴ PBDT 17,485'	²⁵ Perforations 13,020-17,465'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14 3/4"	10 3/4"	1231'	1000		
9 7/8"	7 5/8"	11904'	2650		
6 3/4"	5 1/2"	17522'	1400		
	2 7/8"	11592'			

V. Well Test Data

³¹ Date New Oil 4/21/19	³² Gas Delivery Date 4/21/19	³³ Test Date 4/21/19	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 400#	³⁶ Csg. Pressure 350#
³⁷ Choke Size 25/64"	³⁸ Oil 85	³⁹ Water 585	⁴⁰ Gas 101		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:

Amanda Avery

Title:

Regulatory Analyst

E-mail Address:

aavery@concho.com

Date:

5/20/19

Phone:

575-748-6962

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Karen Sharp

Staff Manager

5-29-19

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NNNM121958

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. DOMINATOR 25 FEDERAL COM 705H		
3. Address 2208 W MAIN STREET ARTESIA, NM 88210			9. API Well No. 30-025-44745		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSE Lot O 280FSL 1980FEL 32.095027 N Lat, 103.523921 W Lon At top prod interval reported below SWSE Lot O 280FSL 1980FEL 32.095027 N Lat, 103.523921 W Lon At total depth NWNE Lot B 223FNL 2296FEL 32.108151 N Lat, 103.524938 W Lon			10. Field and Pool, or Exploratory WILDCAT; WOLFCAMP		
14. Date Spudded 07/18/2018			15. Date T.D. Reached 09/09/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/21/2019			17. Elevations (DF, KB, RT, GL)* 3339 GL		
18. Total Depth: MD 17532 TVD 12800		19. Plug Back T.D.: MD 17485 TVD 12800		20. Depth Bridge Plug Set: MD 17485 TVD 12800	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)			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)		

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
14.750	10.750 L80	45.5	0	1231		1000		0	
9.875	7.625 L80	29.7	0	11904	5098	2650		0	
6.750	5.500 P110	23.0	0	17522		1400		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	11592	11582						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	13020	17465	13020 TO 17465		800	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
13020 TO 17465	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
04/21/2019	04/21/2019	24	→	85.0	101.0	585.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	SI	350.0	→	85	101	585		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		
	SI		→						

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

ELECTRONIC SUBMISSION #466063 VERIFIED BY THE BLM WELL INFORMATION SYS
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Documents pending BLM approvals will
subsequently be reviewed and scanned
... ED **

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
RUSTLER	1047			RUSTLER	1047
TOP OF SALT	1400			TOP OF SALT	1400
BOTTOM OF SALT	4911			BOTTOM OF SALT	4911
LAMAR	5167			LAMAR	5167
BELL CANYON	5215			BELL CANYON	5215
CHERRY CANYON	6203			CHERRY CANYON	6203
BRUSHY CANYON	7826			BRUSHY CANYON	7826
BONE SPRING LIMESTONE	9329			BONE SPRING LIMESTONE	9329

32. Additional remarks (include plugging procedure):

1ST BONE SPRING 10308
2ND BONE SPRING 10896
3RD BONE SPRING 11962
WOLFCAMP 12407

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 #466063 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name (please print) AMANDA AVERYTitle AUTHORIZED REPRESENTATIVESignature (Electronic Submission)Date 05/20/2019

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 ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

5. Lease Serial No.
NMNM121958

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
DOMINATOR 25 FEDERAL COM 705H

2. Name of Operator
COG OPERATING LLC

Contact: AMANDA AVERY
E-Mail: aavery@concho.com

9. API Well No.
30-025-44745

3a. Address
2208 W MAIN STREET
ARTESIA, NM 88210

3b. Phone No. (include area code)
Ph: 575-748-6940

10. Field and Pool or Exploratory Area
WILDCAT; WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 25 T25S R33E Mer NMP SWSE 280FSL 1980FEL
32.095027 N Lat, 103.523921 W Lon

11. County or Parish, State

LEA COUNTY, NM

12. CHECK THE 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"/> Hydraulic Fracturing	<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 Hydraulic Fracture
	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

10/11/18 Test annulus to 1500# Set CBP @ 17,485' and test csg to 11,100##. Good test.

12/29/18 to 1/12/19 Perf 13,020-17,465' (800). Acdz w/79,464 gal 7 1/2%; frac w/ 9,291,383# sand & 8,482,068 gal fluid.

1/15/19 to 1/16/19 Drilled out CFP's. Clean down to PBD @17,485'.

1/19/19 -1/27/19 Set 2 7/8" 6.5# L-80 tbg @ 11,592' packer @ 11,582'. Installed gas lift system.

4/21/19 Began flowing back & testing. Date of first production

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

**Electronic Submission #466062 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs**

Name (Printed/Typed) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 05/20/2019

THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE

Approved By _____
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.

Title

Office

Documents 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 knowi
States any false, fictitious or fraudulent statements or representations as to any matter within its juris

to make to any department or agency of the United

(Instructions on page 2)

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

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	17,465	22	5	17,244	65	5	17,102	28	5	16,929	22	5	16,746	27	5
	17,443	23	5	17,228	16	5	17,085	22	5	16,907	23	5	16,728	23	5
	17,420	22	5	17,212	16	5	17,063	20	5	16,884	22	5	16,705	22	5
	17,398	22	4	17,196	16	4	17,043	25	4	16,862	22	4	16,683	22	4
	17,376	23	4	17,180	16	4	17,018		4	16,840	23	4	16,661	22	4
	17,353	22	3	17,164	18	3	16,994	20	3	16,817	22	3	16,639	23	3
	17,331	22	3	17,146	16	3	16,974	23	3	16,795	22	3	16,616	22	3
	17,309		3	17,130		3	16,951		3	16,773		3	16,594		3
	Plug to Plug	87	32	Plug to Plug	63	32	Plug to Plug	76	32	Plug to Plug	78	32	Plug to Plug	52	32
	Frac Plug	17,485	Total Shots	Frac Plug	17,259	Total Shots	Frac Plug	17,119	Total Shots	Frac Plug	16,940	Total Shots	Frac Plug	16,735	Total Shots

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	16,566	28	5	16,386	28	5	16,204	32	5	16,030	28	5	15,850	28	5
	16,549	22	5	16,370	22	5	16,192	23	5	16,013	22	5	15,834	22	5
	16,527	21	5	16,348	22	5	16,169	22	5	15,991	23	5	15,812	22	5
	16,506	24	4	16,326	23	4	16,147	19	4	15,968	22	4	15,790	23	4
	16,482	18	4	16,303	22	4	16,128	26	4	15,946	16	4	15,767	22	4
	16,464	27	3	16,281	22	3	16,102	24	3	15,930	29	3	15,745	22	3
	16,437	23	3	16,259	23	3	16,078	20	3	15,901	23	3	15,723	23	3
	16,414		3	16,236		3	16,058		3	15,878		3	15,700		3
	Plug to Plug	72	32	Plug to Plug	78	32	Plug to Plug	78	32	Plug to Plug	79	32	Plug to Plug	68	32
	Frac Plug	16,578	Total Shots	Frac Plug	16,404	Total Shots	Frac Plug	16,225	Total Shots	Frac Plug	16,047	Total Shots	Frac Plug	15,858	Total Shots

From Bottom to Top	Stage 11	Distance Between Perfs	Shots	Stage 12	Distance Between Perfs	Shots	Stage 13	Distance Between Perfs	Shots	Stage 14	Distance Between Perfs	Shots	Stage 15	Distance Between Perfs	Shots
	15,674	26	5	15,499	23	5	15,316	27	5	15,138	29	5	14,962	24	5
	15,656	23	5	15,477	22	5	15,295	19	5	15,120	23	5	14,941	22	5
	15,633	22	5	15,455	23	5	15,276	22	5	15,097	22	5	14,919	23	5
	15,611	22	4	15,432	22	4	15,254	23	4	15,075	22	4	14,896	22	4
	15,589	23	4	15,410	22	4	15,231	22	4	15,053	23	4	14,874	22	4
	15,566	22	3	15,388	23	3	15,209	22	3	15,030	22	3	14,852	23	3
	15,544	22	3	15,365	22	3	15,187	20	3	15,008	22	3	14,829	20	3
	15,522		3	15,343		3	15,167		3	14,986		3	14,809		3
	Plug to Plug	78	32	Plug to Plug	80	32	Plug to Plug	78	32	Plug to Plug	78	32	Plug to Plug	78	32
	Frac Plug	15,689	Total Shots	Frac Plug	15,512	Total Shots	Frac Plug	15,332	Total Shots	Frac Plug	15,153	Total Shots	Frac Plug	14,974	Total Shots

From Bottom to Top	Stage 16	Distance Between Perfs	Shots	Stage 17	Distance Between Perfs	Shots	Stage 18	Distance Between Perfs	Shots	Stage 19	Distance Between Perfs	Shots	Stage 20	Distance Between Perfs	Shots
	14,780	29	5	14,600	28	5	14,427	23	5	14,242	29	5	14,070	22	5
	14,760	19	5	14,584	23	5	14,405	23	5	14,224	20	5	14,047	22	5
	14,741	25	5	14,561	22	5	14,382	26	5	14,204	23	5	14,025	22	5
	14,716	21	4	14,539	22	4	14,356	18	4	14,181	22	4	14,003	23	4
	14,695	22	4	14,517	23	4	14,338	23	4	14,159	22	4	13,980	22	4
	14,673	22	3	14,494	26	3	14,315	22	3	14,137	23	3	13,958	21	3
	14,651	23	3	14,468	18	3	14,293	22	3	14,114	22	3	13,937	24	3
	14,628		3	14,450		3	14,271		3	14,092		3	13,913		3
	Plug to Plug	80	32	Plug to Plug	78	32	Plug to Plug	82	32	Plug to Plug	79	32	Plug to Plug	-12595	32
	Frac Plug	14,796	Total Shots	Frac Plug	14,617	Total Shots	Frac Plug	14,438	Total Shots	Frac Plug	14,260	Total Shots	Frac Plug	1,408	Total Shots

From Bottom to Top	Stage 21	Distance Between Perfs	Shots	Stage 22	Distance Between Perfs	Shots	Stage 23	Distance Between Perfs	Shots	Stage 24	Distance Between Perfs	Shots	Stage 25	Distance Between Perfs	Shots
	13,888	25	5	13,710	25	5	13,534	21	5	13,355	22	5	13,174	25	5
	13,869	23	5	13,690	22	5	13,511	22	5	13,333	21	5	13,154	22	5
	13,846	22	5	13,668	23	5	13,489	22	5	13,312	24	5	13,132	23	5
	13,824	22	4	13,645	22	4	13,467	23	4	13,288	24	4	13,109	22	4
	13,802	23	4	13,623	25	4	13,444	22	4	13,264	21	4	13,087	22	4
	13,779	22	3	13,598	20	3	13,422	22	3	13,243	24	3	13,065	23	3
	13,757	22	3	13,578	23	3	13,400	23	3	13,219	20	3	13,042	22	3
	13,735		3	13,555		3	13,377		3	13,199		3	13,020		3
	Plug to Plug	78	32	Plug to Plug	77	32	Plug to Plug	78	32	Plug to Plug	78	32	Plug to Plug	78	32
	Frac Plug	13,902	Total Shots	Frac Plug	13,722	Total Shots	Frac Plug	13,545	Total Shots	Frac Plug	13,366	Total Shots	Frac Plug	13,187	Total Shots

Dominator Federal Com #705H

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	1512	367140	281904
2	3024	366080	329196
3	3024	364220	303198
4	3024	361500	331842
5	3024	370320	305298
6	3024	379880	326466
7	3024	364605	379050
8	3444	359728	338226
9	3024	373000	301686
10	3612	375680	299922
11	3024	378360	305550
12	3024	376680	381234
13	3024	370520	310926
14	3024	377720	292404
15	4032	371040	424746
16	4494	374920	370146
17	4998	380040	456204
18	3024	374990	349062
19	3024	373520	314748
20	3024	373540	332094
21	2982	377680	344778
22	3024	370560	420588
23	3024	367280	339570
24	2982	368060	326592
25	3024	374320	316638
Totals	79,464	9,291,383	8,482,068