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

HOBBS OCD
MAR 27 2019
RECEIVED

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
COG Production LLC 2208 W. Main Street Artesia, NM 88210	217955
	[3] Reason for Filing Code/ Effective Date NW

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 025-44631	Wildcat; Upper Bone Spring	97784

[7] Property Code	[8] Property Name	[9] Well Number
314193	Eider Federal	103H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	35	24S	32E		240	South	2000	West	Lea

[11] Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
K	26	24S	32E		2410	South	1665	West	Lea

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
P	F	3/14/19			

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
	ACC	O
298751	Lucid	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
~~5/29/18~~ 8/18/18	3/14/19	16879'	16782''	9725-16763'	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17 1/2"	13 3/8"	988'	750
12 1/4"	9 5/8"	4795'	1550
8 3/4"	5 1/2"	16525'	2570
	2 7/8"	8741'	ybr @ 8731'

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
3/14/19	3/14/19	3/14/19	24 Hrs	4000#	0#
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
27/64"	1121	977	3108		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: Amanda Avery

Printed name: Amanda Avery

Title: Regulatory Analyst

E-mail Address: aavery@concho.com

Date: 3/25/19

Phone: 575-748-6962

OIL CONSERVATION DIVISION

Approved by: Karen Sharp

Title: Staff Mgr

Approval Date: 3-27-19

Documents pending BLM approvals will subsequently be reviewed and scanned

Form 3160-5
(June 2015)

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

HOBBS OCD
MAR 27 2019
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5. Lease Serial No.
NMNM120907

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
EIDER FEDERAL 103H

2. Name of Operator
COG OPERATING LLC
Contact: AMANDA AVERY
E-Mail: aavery@concho.com

9. API Well No.
30-025-44631

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 BONE SPRING

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 35 T24S R32E Mer NMP SESW 240FSL 2000FWL
32.167484 N Lat, 103.647523 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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Hydraulic Fracture
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.

09/15/18 Test annulus to 1500# Set CBP @ 16,460' and test csg to 8,519#. Good test.

10/18/18 to11/7/18 Perf 9,397-16,435' (1200). Acdz w/63,870gal 7 1/2%; frac w/14,731,390# sand & 16,822,290 gal fluid.
11/29/18 to12/05/18 Drilled out CFP's. Clean down to PBTD @ 16,460'.

12/6/18 12/7/18 Set 2 7/8" 6.5# L-80 tbg @ 8,741 ' packer @ 8,731'. Installed gas lift system.

3/14/19 Began flowing back & testing. Date of first production

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #459108 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 03/25/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE 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

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 knowingly and wi... agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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

	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots
	16,435	22	4	16,218	63	4	16,082	22	4	15,895	33	4	15,729	29	4
	16,413	22	4	16,208	10	4	16,060	22	4	15,883	22	4	15,707	22	4
From	16,391	22	4	16,198	10	4	16,038	22	4	15,861	22	4	15,685	22	4
Bottom to	16,369	22	4	16,188	20	4	16,016	22	4	15,839	22	4	15,663	22	4
Top	16,347	22	4	16,168	20	4	15,994		4	15,817	22	4	15,641	22	4
	16,325	22	4	16,148	22	4	15,972	22	4	15,795	22	4	15,619	22	4
	16,303	22	3	16,126	22	3	15,950	22	3	15,773	15	3	15,597	22	3
	16,281		3	16,104		3	15,928		3	15,758		3	15,575		3
	Plug to Plu	91	30	Plug to Plu	40	30	Plug to Plu	77	30	Plug to Plu	67	30	Plug to Plu	77	30
	Frac Plug	16,460	Total Shots	Frac Plug	16,228	Total Shots	Frac Plug	16,093	Total Shots	Frac Plug	15,906	Total Shots	Frac Plug	15,740	Total Shots

	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots
	15,652	23	4	15,376	22	4	15,199	23	4	15,009	51	4	14,824	45	4
	15,630	22	4	15,354	22	4	15,197	2	4	15,001	22	4	14,813	11	4
From	15,608	22	4	15,332	22	4	15,195	3	4	14,979	22	4	14,802	22	4
Bottom to	15,486	22	4	15,310	22	4	15,192	81	4	14,957	18	4	14,780	22	4
Top	15,464	22	4	15,288	22	4	15,111	22	4	14,939	26	4	14,758	22	4
	15,442	22	4	15,266	22	4	15,089	22	4	14,913	18	4	14,736	22	4
	15,420	22	3	15,244	22	3	15,067	7	3	14,895	26	3	14,714	22	3
	15,398		3	15,222		3	15,060		3	14,869		3	14,692		3
	Plug to Plu	78	30	Plug to Plu	77	30	Plug to Plu	19	30	Plug to Plu	68	30	Plug to Plu	59	30
	Frac Plug	15,564	Total Shots	Frac Plug	15,387	Total Shots	Frac Plug	15,211	Total Shots	Frac Plug	15,025	Total Shots	Frac Plug	14,839	Total Shots

	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots
	14,653	39	4	14,478	38	4	14,305	37	4	14,109	54	4	13,941	45	4
	14,646	20	4	14,469	20	4	14,295	22	4	14,098	13	4	13,930	10	4
From	14,626	22	4	14,449	22	4	14,273	22	4	14,085	11	4	13,920	23	4
Bottom to	14,604	22	4	14,427	22	4	14,251	22	4	14,074	22	4	13,897	21	4
Top	14,582	22	4	14,405	22	4	14,229	22	4	14,052	17	4	13,876	24	4
	14,560	22	4	14,383	22	4	14,207	22	4	14,035	27	4	13,852	20	4
	14,538	22	3	14,361	19	3	14,185	22	3	14,008	22	3	13,832	22	3
	14,516		3	14,342		3	14,163		3	13,986		3	13,810		3
	Plug to Plu	66	30	Plug to Plu	69	30	Plug to Plu	71	30	Plug to Plu	57	30	Plug to Plu	68	30
	Frac Plug	14,670	Total Shots	Frac Plug	14,496	Total Shots	Frac Plug	14,322	Total Shots	Frac Plug	14,131	Total Shots	Frac Plug	13,965	Total Shots

	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots
	13,766	44	4	13,595	38	4	13,403	53	4	13,243	37	4	13,072	38	4
	13,755	12	4	13,581	14	4	13,384	10	4	13,230	16	4	13,053	16	4
From	13,743	22	4	13,567	22	4	13,374	14	4	13,214	22	4	13,037	24	4
Bottom to	13,721	22	4	13,545	22	4	13,360	18	4	13,192	22	4	13,013	20	4
Top	13,699	22	4	13,523	22	4	13,342	18	4	13,170	20	4	12,993	23	4
	13,677	22	4	13,501	22	4	13,324	22	4	13,150	24	4	12,970	21	4
	13,655	22	3	13,479	23	3	13,302	22	3	13,126	16	3	12,949	22	3
	13,633		3	13,456		3	13,280		3	13,110		3	12,927		3
	Plug to Plu	69	30	Plug to Plu	68	30	Plug to Plu	60	30	Plug to Plu	68	30	Plug to Plu	77	30
	Frac Plug	13,790	Total Shots	Frac Plug	13,613	Total Shots	Frac Plug	13,420	Total Shots	Frac Plug	13,260	Total Shots	Frac Plug	13,090	Total Shots

	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots
	12,886	41	4	12,709	41	4	12,536	38	4	12,350	47	4	12,172	49	4
	12,870	10	4	12,696	12	4	12,523	15	4	12,342	5	4	12,160	11	4
From	12,860	21	4	12,684	22	4	12,508	22	4	12,337	28	4	12,149	16	4
Bottom to	12,839	22	4	12,662	22	4	12,486	22	4	12,309	14	4	12,133	18	4
Top	12,817	22	4	12,640	22	4	12,464	22	4	12,295	30	4	12,115	26	4
	12,795	22	4	12,618	22	4	12,442	22	4	12,265	27	4	12,089	20	4
	12,773	23	3	12,596	22	3	12,420	23	3	12,238	17	3	12,069	25	3
	12,750		3	12,574		3	12,397		3	12,221		3	12,044		3
	Plug to Plu	68	30	Plug to Plu	68	30	Plug to Plu	68	30	Plug to Plu	58	30	Plug to Plu	56	30
	Frac Plug	12,907	Total Shots	Frac Plug	12,730	Total Shots	Frac Plug	12,554	Total Shots	Frac Plug	12,367	Total Shots	Frac Plug	12,189	Total Shots

	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots
	12,000	44	4	11,831	37	4	11,654	37	4	11,471	44	4	11,301	37	4
	11,988	10	4	11,820	18	4	11,637	12	4	11,461	14	4	11,290	18	4
From	11,978	22	4	11,802	22	4	11,625	22	4	11,447	20	4	11,272	22	4
Bottom to	11,956	22	4	11,780	22	4	11,603	22	4	11,427	22	4	11,250	22	4
Top	11,934	22	4	11,758	22	4	11,581	22	4	11,405	22	4	11,228	22	4
	11,912	22	4	11,736	22	4	11,559	24	4	11,383	22	4	11,206	22	4
	11,890	22	3	11,714	23	3	11,535	20	3	11,361	23	3	11,184	22	3
	11,868		3	11,691		3	11,515		3	11,338		3	11,162		3
	Plug to Plu	53	30	Plug to Plu	68	30	Plug to Plu	68	30	Plug to Plu	61	30	Plug to Plu	68	30
	Frac Plug	12,009	Total Shots	Frac Plug	11,848	Total Shots	Frac Plug	11,671	Total Shots	Frac Plug	11,488	Total Shots	Frac Plug	11,318	Total Shots

From Bottom to Top	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots
	11,125	37	4	10,951	37	4	10,767	42	4	10,602	30	4	10,415	41	4
	11,108	12	4	10,939	20	4	10,758	15	4	10,578	12	4	10,402	12	4
	11,096	20	4	10,919	22	4	10,743	22	4	10,566	22	4	10,390	22	4
	11,076	24	4	10,897	22	4	10,721	22	4	10,544	22	4	10,368	22	4
	11,052	20	4	10,875	22	4	10,699	22	4	10,522	22	4	10,346	22	4
	11,032	24	4	10,853	22	4	10,677	23	4	10,500	22	4	10,324	23	4
	11,008	20	3	10,831	22	3	10,654	22	3	10,478	22	3	10,301	22	3
	10,988		3	10,809		3	10,632		3	10,456		3	10,279		3
	Plug to Plu	66	30	Plug to Plu	71	30	Plug to Plu	68	30	Plug to Plu	68	30	Plug to Plu	68	30
	Frac Plug	11,142	Total Shots	Frac Plug	10,968	Total Shots	Frac Plug	10,789	Total Shots	Frac Plug	10,612	Total Shots	Frac Plug	10,436	Total Shots

From Bottom to Top	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots	[redacted]	Distance Between Perfs	Shots
	10,237	42	4	10,069	34	4	9,874	52	4	9,713	37	4	9,533	40	4
	10,228	15	4	10,059	21	4	9,860	15	4	9,696	12	4	9,519	12	4
	10,213	22	4	10,038	23	4	9,845	15	4	9,684	22	4	9,507	22	4
	10,191	22	4	10,015	22	4	9,830	22	4	9,662	22	4	9,485	22	4
	10,169	22	4	9,993	22	4	9,808	14	4	9,640	22	4	9,463	22	4
	10,147	22	4	9,971	21	4	9,794	22	4	9,618	21	4	9,441	22	4
	10,125	22	3	9,950	24	3	9,772	22	3	9,597	24	3	9,419	22	3
	10,103		3	9,926		3	9,750		3	9,573		3	9,397		3
	Plug to Plu	68	30	Plug to Plu	71	30	Plug to Plu	61	30	Plug to Plu	52	30	Plug to Plu	65	30
	Frac Plug	10,259	Total Shots	Frac Plug	10,086	Total Shots	Frac Plug	9,891	Total Shots	Frac Plug	9,714	Total Shots	Frac Plug	9,550	Total Shots

Eider Federal #103H

Perfs	7 1/2% Acid (Gal)	Sand (#)	Fluid (Gal)
1	1512	366100	429744
2	1512	366100	383880
3	1806	364890	474054
4	1470	369850	408534
5	1512	369810	367500
6	1806	368040	356202
7	1554	364940	373296
8	4608	365740	572616
9	1470	358360	399252
10	1512	365310	379848
11	1512	371230	393750
12	1512	367161	443184
13	1512	368980	468384
14	1512	362380	533190
15	1554	367260	431718
16	1512	371340	484764
17	1512	372420	500556
18	1512	368060	558348
19	1512	354455	391482
20	1512	368060	570780
21	1512	373770	419622
22	1512	363000	436674
23	1512	372340	487872
24	1512	372120	406308
25	1554	371140	413028
26	1554	372350	421932
27	1512	363670	383418
28	1470	366760	386316
29	1386	370830	409626
30	1428	366520	488502
31	1512	375250	391146
32	1512	372280	407988
33	1470	366774	387030
34	1512	371310	346290
35	1512	369650	343014
36	1554	373240	364014
37	1386	371140	336966
38	1512	368680	345912
39	1512	370300	367332
40	1512	369780	358218
Totals	**63,870**	**14,731,390**	**16,822,290**

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
MAR 27 2019
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM120907

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

8. Lease Name and Well No.: EIDER FEDERAL 103H

3. Address: 2208 W MAIN STREET, ARTESIA, NM 88210
3a. Phone No. (include area code): Ph: 575-748-6940

9. API Well No.: 30-025-44631

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 35 T24S R32E Mer NMP SESW Lot N 240FSL 2000FWL 32.167484 N Lat, 103.647523 W Lon
At top prod interval reported below: Sec 35 T24S R32E Mer NMP SESW Lot N 240FSL 2000FWL 32.167484 N Lat, 103.647523 W Lon
At total depth: Sec 26 T24S R32E Mer NMP NESW Lot K 2410FSL 1665FWL 32.187978 N Lat, 103.648604 W Lon

10. Field and Pool, or Exploratory: WILDCAT; BONE SPRING

11. Sec., T., R., M., or Block and Survey or Area: Sec 35 T24S R32E Mer NMP

12. County or Parish: LEA
13. State: NM

14. Date Spudded: 08/18/2018
15. Date T.D. Reached: 09/05/2018
16. Date Completed: ☐ D & A ☒ Ready to Prod. 03/14/2019
17. Elevations (DF, KB, RT, GL)*

18. Total Depth: MD 16560 TVD 9220
19. Plug Back T.D.: MD 16460 TVD 9220
20. Depth Bridge Plug Set: MD 16460 TVD 9220

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	988		750		0	
12.250	9.625 L80	40.0	0	4795		1550		0	
8.750	5.500 P110	17.0	0	16525		2570		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	8741	8731						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING	9397	16435	9397 TO 16435		1200	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
9397 TO 16435	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
03/14/2019	03/14/2019	24	→	1121.0	3108.0	977.0			GAS LIFT

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
24/64	4000		→	1121	3108	977		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
			→					

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

ELECTRONIC SUBMISSION #459112 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Documents pending BLM approvals will subsequently be reviewed and scanned

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	924			RUSTLER	924
TOP OF SALT	1260			TOP OF SALT	1260
BOTTOM OF SALT	4579			BOTTOM OF SALT	4579
LAMAR	4810			LAMAR	4810
BELL CANYON	4877			BELL CANYON	4877
CHERRY CANYON	5774			CHERRY CANYON	5774
BRUSHY CANYON	7120			BRUSHY CANYON	7120
BONE SPRING LIME STONE	8784			BONE SPRING LIMESTONE	8784

32. Additional remarks (include plugging procedure):

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 #459112 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name *(please print)* AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 03/25/2019

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 fradulent statements or representations as to any matter within its jurisdiction.

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