

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD  
HOBBS  
OCDFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

SEP 23 2019

5. Lease Serial No.  
NMNM128368

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. Rev. <input type="checkbox"/> Other			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			Contact: AMANDA AVERY E-Mail: aavery@concho.com		
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287			3a. Phone No. (include area code) Ph: 575-748-6940		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 33 T20S R34E Mer NMP At surface SWSW 384FSL 1121FEL 32.523378 N Lat, 103.570202 W Lon Sec 33 T20S R34E Mer NMP At top prod interval reported below SWSW 384FSL 1121FEL 32.523378 N Lat, 103.570202 W Lon Sec 28 T20S R34E Mer NMP At total depth NWSW 2440FSL 998FWL 32.543561 N Lat, 103.570607 W Lon			8. Lease Name and Well No. LITTLE BEAR FEDERAL COM 9H		
14. Date Spudded 11/26/2018			15. Date T.D. Reached 12/27/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/20/2019			9. API Well No. 30-025-45105-00-S1		
18. Total Depth: MD 18868 TVD 11407			20. Depth Bridge Plug Set: MD 18789 TVD 11407		
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	16.000 J55	84.0	0	1888		1760		0	
13.500	10.750 L80	45.5	0	5739	3791	4075		0	
9.875	7.625 L80	29.7	0	10930		1600		0	
6.750	5.500 P110	20.0	0	18855		1525		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10579	10569						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	11744	18770	11744 TO 18770		1080	OPEN - Wolfcamp
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
11744 TO 18770	SEE ATTACHED INFORMATION

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/20/2019	06/20/2019	24	→	83.0	9.0	1908.0			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	SI	1500.0	→	83	9	1908		PCW	

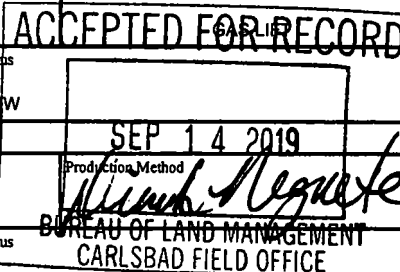
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #477548 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

Reclamation Due: 12/20/2019



## 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	1754			RUSTLER	1754
TOP OF SALT	2163			TOP OF SALT	2163
BASE OF SALT	3597			BASE OF SALT	3597
BRUSHY CANYON	8440			BRUSHY CANYON	8440
BONE SPRING 2ND	8808			BONE SPRING 2ND	8808
BONE SPRING 1ST	9912			BONE SPRING 1ST	9912
BONE SPRING 3RD	11236			BONE SPRING 3RD	11236

32. Additional remarks (include plugging procedure):  
WOLFCAMP 11574

## 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 #477548 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH HAM on 08/29/2019 (19DMH0195SE)

Name (please print) AMANDA AVERYTitle AUTHORIZED REPRESENTATIVESignature (Electronic Submission)Date 08/12/2019

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

DISTRICT I  
1825 N. FRENCH DR., HOBBS, NM 88240  
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 746-1283 Fax: (505) 746-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45105	Pool Code 98247	Pool Name WC-025 G-08 S203435D; WOLFCAMP
Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 9H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3804.5'

**Surface Location**

UL or lot No. M	Section 33	Township 20-S	Range 34-E	Lot Idn	Feet from the 384	North/South line SOUTH	Feet from the 1121	East/West line WEST	County LEA
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**Bottom Hole Location If Different From Surface**

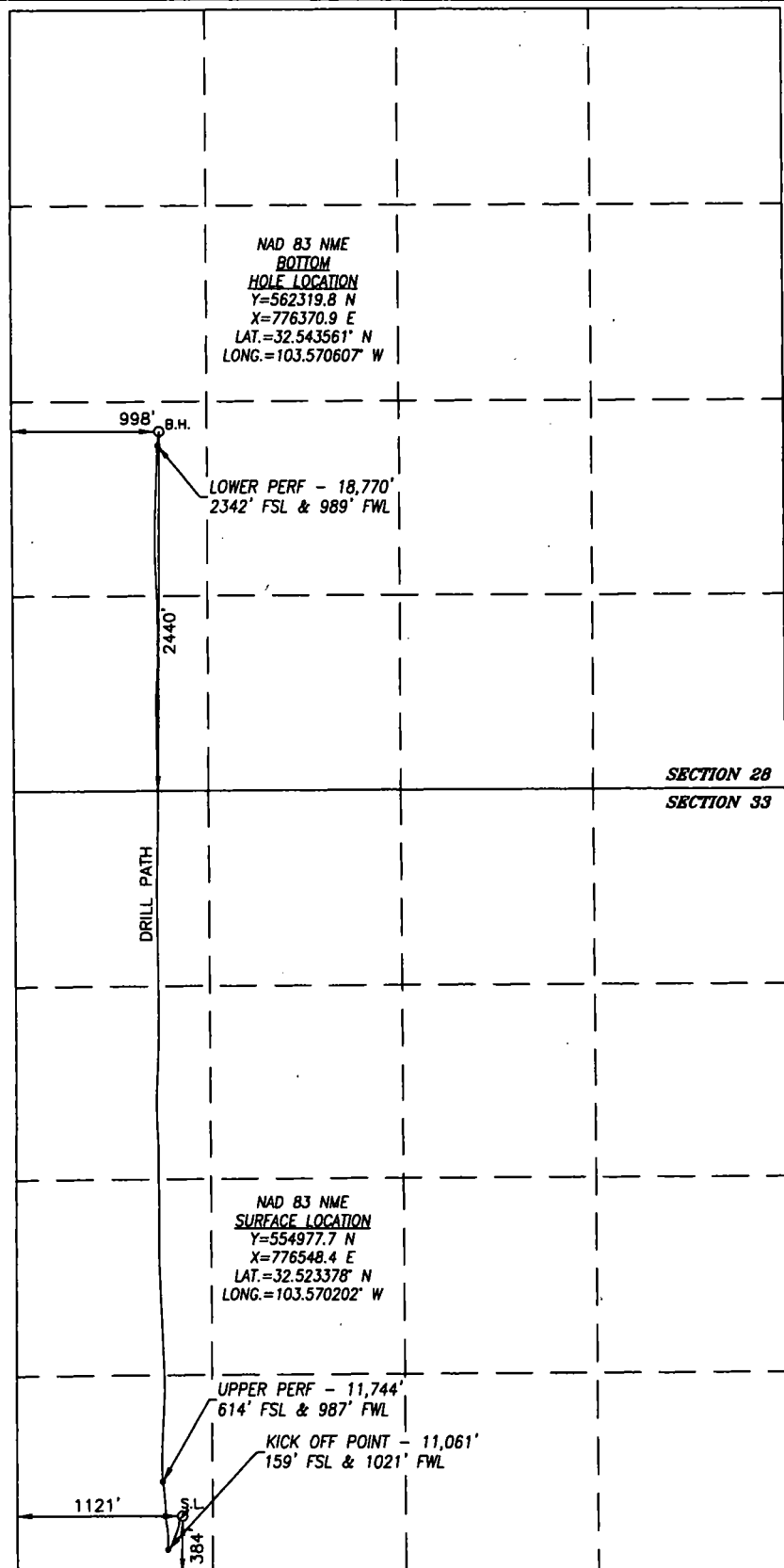
UL or lot No. L	Section 28	Township 20-S	Range 34-E	Lot Idn	Feet from the 2440	North/South line SOUTH	Feet from the 998	East/West line WEST	County LEA
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Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.
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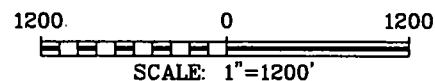
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 9H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3804.5'



BOREPATH SHOWN HEREON IS BASED ON  
DIRECTIONAL SURVEY REPORT PROVIDED BY  
COG OPERATING, LLC FOR THE LITTLE BEAR  
FEDERAL COM #9H SUPPLIED TO HARCROW  
SURVEYING, LLC ON JULY 2, 2019



#### OPERATOR CERTIFICATION

I hereby certify that the information  
herein is true and complete to the best of  
my knowledge and belief, and that this  
organization either owns a working interest  
or unleased mineral interest in the land  
including the proposed bottom hole location  
or has a right to drill this well at this  
location pursuant to a contract with an  
owner of such mineral or working interest,  
or to a voluntary pooling agreement or a  
compulsory pooling order heretofore entered  
by the division.

8/9/19

Signature

Date

Amanda Avery

Printed Name

aavery@concho.com

E-mail Address

#### SURVEYOR CERTIFICATION

I hereby certify that the well location  
shown on this plat was plotted from field  
notes of actual surveys made by me or  
under my supervision, and that the same is  
true and correct to the best of my belief.

FEB. 14, 2018/DEC. 27, 2018

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 7/22/19

Certificate No. CHAD HARCROW 17777