



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

04/01/2024

Operator Name COG OPERATING LLC	Well Name HAMBONE FEDERAL COM	Well Number 703H	US Well Number 3001546814
SHL Lot P Sec 8 26S 29E	County EDDY	State NM	Lease Number(s) NMNM57261
Well Type OIL WELL	Well Status Drilling Well	Agreement Name HAMBONE FED COM 26H	Agreement Number(s) NMNM139803
Allottee/Tribe Name	Well Pad Name HAMBONE FEDERAL COM	Well Pad Number 701H/702H/703H	APD ID 10400047559

Section 1 - General

Well Completion Report Id: 33552**Submission Date:** 02-15-2021**BLM Office:** Carlsbad Field Office**User:** KAYLA ESTRADA**Title:** Regulatory Coordinator**Federal/Indian:** FEDERAL**Lease Number:** NMNM057261**Lease Acres:** 439.75**Agreement in place?:** NO**Federal or Indian Agreement:** FEDERAL**Agreement Number:** NMNM139803**Agreement Name:** HAMBONE FED

Additional Information

Keep this Well Completion Report confidential?: YES**APD Operator:** COG OPERATING LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** WOLFCAMP**Field Name:** PURPLE SAGE**Well Type:** OIL WELL**Spud Date:** 03-17-2020**Date Total Measured Depth Reached:** 04-12-2020**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
QUATERNARY	ALLUVIUM		2914	0	0	NONE	
TOP SALT	SALT		2499	414	414	NONE	
BASE OF SALT	SALT		318	2595	2596	NONE	
LAMAR	LIMESTONE		100	2813	2814	NONE	
BELL CANYON	SANDSTONE		63	2850	2852	NONE	
BONE SPRING LIME	LIMESTONE		-3653	6566	6582	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-4554	7467	7484	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-5283	8196	8214	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-6445	9358	9376	NATURAL GAS, OIL	
WOLFCAMP	SHALE		-6799	9712	9745	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
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00	S1	1	NMNM139803	NMNM57261	NEW		PGW	01-31-2021	01-31-2021	WOLFCA MP	10270	19930	Y	.4	864	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	585182	24497047	

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1	44.2		GAS LIFT		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)

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00	S1	1	01/31/2021	24	562	1679	4375	2987	8/64	1700		1800

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MID (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MID (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.050252	-104.001575	2914	N/A	N/A	FEDERAL	NMNM57261				222	FSL	1228	FEL	26S	29E	8	Lot P
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.050076	-104.002908	-6488	9430	9402	FEDERAL	NMNM57261				158	FSL	1642	FEL	26S	29E	8	Lot O
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.064362	-104.004789	-7039	12261	9953	FEDERAL	NMNM124655				1	FSL	2178	FEL	26S	29E	5	SWSE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.057038	-104.004712	-7037	11601	9951	STATE	STATE				1321	FSL	2178	FEL	26S	29E	8	SWNE

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	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.05106	-104.003781	-7154	10270	10068	FEDERAL	NMNM57261				515	FSL	1910	FEL	26S	29E	8	Lot O
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.060703	-104.00475	-7036	10941	9950	FEDERAL	NMNM123925				659	FNL	2178	FEL	26S	29E	8	NWNE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.077444	-104.004986	-7018	19928	9932	FEDERAL	NMNM115417				546	FNL	2207	FEL	26S	29E	5	Lot 2
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.078389	-104.004952	-7022	20272	9936	FEDERAL	NMNM115417		20185		202	FNL	2182	FEL	26S	29E	5	Lot 2

Casing, Liner and Tubing

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Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	356	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	2886	10.75	45.5	J-55		BUTT		
00	INTERMEDIATE	9.875	0	8868	7.625	29.7	P-110		OTHER	SF	
00	PRODUCTION	6.75	0	20257	5.5	20	P-110		OTHER		

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Class C	425	1.35	0					102.2
00	INTERMEDIATE		Class C	600	2.26	0	Class C	200	1.33	2687	1795.2
00	INTERMEDIATE		Class C	1000	3.39	0	Class C	200	1.27	7698	1795.2
00	INTERMEDIATE		Class C	775	1.62	245	Class C	700	1.65	6609	429.3

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Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		9407	9391	6	L-80			

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

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Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: COG OPERATING LLC

Signed By: KAYLA ESTRADA

Title: Regulatory Coordinator

Signed on: 09/19/2023

Street Address: 600 W ILLINOISE AVE

City: MIDLAND

State: TX

Zip: 79701

Phone: (432)688-6837

Email address: KAYLA.L.ESTRADA@CONOCOPHILLIPS.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

Hambone_Federal_Com_703H___Final_Survey_Report_Composite_NAD27_20210215101644.pdf

Hambone_Federal_Com_703H_WCA_WBD_V17_20210215101822.pdf

300154681400_HAMBONE_FEDERAL_COM_0703H_CNL_20230221125732.pdf

C102_HAMBONE_FED_COM_703H_New_Updated_20230919084841.pdf

Hambone_Federal_Com_703H_Plat_as_of_11_21_19_20230919085439.pdf

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300154681400_HAMBONE_FEDERAL_COM_0703H_CNL_20230221125732.pdf

C102_HAMBONE_FED_COM_703H_New_Updated_20230919084841.pdf

Hambone_Federal_Com_703H_Plat_as_of_11_21_19_20230919085439.pdf

Well Name: HAMBONE FEDERAL COM	Well Location: T26S / R29E / SEC 8 / SESE / 32.050252 / -104.001575	County or Parish/State: EDDY / NM
Well Number: 703H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM57261	Unit or CA Name:	Unit or CA Number:
US Well Number: 300154681400X1	Well Status: Drilling Well	Operator: COG OPERATING LLC

Subsequent Report

Sundry ID: 2715696

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 02/14/2023	Time Sundry Submitted: 01:06
Date Operation Actually Began: 06/23/2020	

Actual Procedure: correction***** 6/23/20 Test 9 5/8" x 5 1/2" annulus to 1500# 6/25/20 Set CBD @ 20,185' and test csg to 9519 psi. Good Test. 11/10/20 – 12/2/20 Perf 10,270' – 19,930'(864 Shots) Frac w/ 24,497,047# proppant & 585,182 BBL Clean fluid. 1/10/21 – 1/13/21 Drilled out CFPs. Clean down to PBTD @ 20,231'. 1/16/21 Set 2 7/8 6.5# L-80tbg @ 9407. Packer @9391. 1/31/21 - Began flowback, testing, and date of first production.

Received by OCD: 4/4/2024 7:43:41 AM

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Well Name: HAMBONE FEDERAL COM	Well Location: T26S / R29E / SEC 8 / SESE / 32.050252 / -104.001575	County or Parish/State: EDDY / NM
Well Number: 703H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM57261	Unit or CA Name:	Unit or CA Number:
US Well Number: 300154681400X1	Well Status: Drilling Well	Operator: COG OPERATING LLC

Operator

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Operator Electronic Signature: KAYLA ESTRADA	Signed on: FEB 14, 2023 01:06 PM
Name: COG OPERATING LLC	
Title: Regulatory Coordinator	
Street Address: 600 W ILLINOISE AVE	
City: MIDLAND	State: TX
Phone: (432) 688-6837	
Email address: KAYLA.L.ESTRADA@CONOCOPHILLIPS.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 02/23/2023
Signature: Jonathon Shepard	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 329897

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 329897
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input type="checkbox"/>	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 329897

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 329897
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/21/2025