



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 704H	US Well Number 3001546669
SHL Lot K Sec 8 26S 29E	County EDDY	State NM	Lease Number(s) NMNM123925
Well Type OIL WELL	Well Status Drilling Well	Agreement Name HAMBONE FED COM #25H	Agreement Number(s) NMNM139922
Allottee/Tribe Name	Well Pad Name HAMBONE FEDERAL COM	Well Pad Number 704H/705H/706H	APD ID 10400047586

Section 1 - General

Well Completion Report Id: 33710**Submission Date:** 02-22-2021**BLM Office:** Carlsbad Field Office**User:** KAYLA ESTRADA**Title:** Regulatory Coordinator**Federal/Indian:** FEDERAL**Lease Number:** NMNM123925**Lease Acres:** 240**Agreement in place?:** NO**Federal or Indian Agreement:** FEDERAL**Agreement Number:** NMNM139922**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:** 02-02-2020**Date Total Measured Depth Reached:** 04-29-2020**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		2895	0	0	NONE	
RUSTLER	CONGLOMERATE		2885	10	10	NONE	
TOP SALT	SALT		2555	340	432	NONE	
BASE OF SALT	SALT		308	2587	2587	NONE	
LAMAR	LIMESTONE		80	2815	2815	NONE	
BELL CANYON	SANDSTONE		-6	2901	2901	NONE	
CHERRY CANYON	SANDSTONE		-761	3656	3656	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-2069	4964	4964	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-3620	6515	6515	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-4536	7431	7431	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-5386	8281	8281	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-6412	9307	9307	NATURAL GAS, OIL	
WOLFCAMP	SHALE		-6764	9659	9714	NATURAL GAS, OIL	

Completion and Completed

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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
00	S1	1	NMNM139922	NMNM123925	NEW		PGW	01-30-2021	01-30-2021	WOLFCA MP	10296	19120	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	540028	22758249	

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	01/30/2021	24	393	2830	1159	7201	12/64	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	32.05344	-104.009332	2895	N/A	N/A	FEDERAL	NMNM123925				1353	FSL	1755	FWL	26S	29E	8	Lot K
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.052077	-104.0081	-6441	9373	9336	FEDERAL	NMNM123925				867	FSL	2128	FWL	26S	29E	8	Lot N
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.053595	-104.007954		0	0	FEDERAL	NMNM123925				1420	FSL	2178	FWL	26S	29E	8	NESW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.071683	-104.007993	-7035	16116	9930	FEE	FEE				2641	FNL	2178	FWL	26S	29E	5	NESW

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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	32.053688	-104.007987	-7054	10296	9949	FEDERAL	NMNM123925				1454	FSL	2174	FWL	26S	29E	8	Lot K
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.060709	-104.00797	-7028	12818	9923	STATE	STATE				659	FNL	2178	FWL	26S	29E	8	NENW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.077705	-104.007989	-7004	19040	9899	FEDERAL	NMNM118113				451	FNL	2183	FWL	26S	29E	5	Lot 3
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.078391	-104.007976	-6997	19290	9892	FEDERAL	NMNM118113		19135	cbp	201	FNL	2188	FWL	26S	29E	5	Lot 3

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	370	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	2718	10.75	45.5	J-55		BUTT		
00	INTERMEDIATE	8.75	0	9212	7.625	29.7	P-110		BUTT		
00	PRODUCTION	6.75	0	19278	5.5	20	P-110		OTHER	SF	

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	420	1.35	0					101
00	INTERMEDIATE		Class C	400	1.72	0	Class C	150	1.33	2200	158.1
00	INTERMEDIATE		class C	750	3.47	0	Class C	250	1.08	8091	511.6
00	PRODUCTION		Class C	550	1.98	0	Class H	875	1.22	6000	384.1

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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		9398	9381	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_704H___Final_Survey_Report___NAD27_20210215113733.pdf

300154666900_HAMBONE_FEDERAL_COM_704H_CNL_20210222102003.pdf

Hambone_Federal_Com_704H_WCA_Completion_WBD_20230221132741.pdf

C102_Hambone_Fed_Com_704H_New_Updated_20230919091118.pdf

Hambone_Federal_Com_704H_Plat_as_of_11_21_19_20230919091225.pdf

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Attachments

- Hambone_Federal_Com_704H___Final_Survey_Report___NAD27_20210215113733.pdf
- 300154666900_HAMBONE_FEDERAL_COM_704H_CNL_20210222102003.pdf
- Hambone_Federal_Com_704H_WCA_Completion_WBD_20230221132741.pdf
- C102_Hambone_Fed_Com_704H_New_Updated_20230919091118.pdf
- Hambone_Federal_Com_704H_Plat_as_of_11_21_19_20230919091225.pdf

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 329903

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 329903
	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 329903

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 329903
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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