



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 702H	US Well Number 3001546813
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 10400047552

Section 1 - General

Well Completion Report Id: 33396**Submission Date:** 02-11-2021**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:** 03-18-2020**Date Total Measured Depth Reached:** 04-30-2020**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	
RUSTLER	CONGLOMERATE		2904	10	10	NONE	
TOP SALT	SALT		2503	411	411	NONE	
BASE OF SALT	SALT		320	2594	2596	NONE	
LAMAR	LIMESTONE		87	2827	2829	NONE	
BELL CANYON	SANDSTONE		52	2862	2863	NONE	
CHERRY CANYON	SANDSTONE		-726	3640	3643	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-3440	6354	6361	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-3659	6573	6580	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-4570	7484	7491	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-5287	8201	8209	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-6451	9365	9377	NATURAL GAS, OIL	
WOLFCAMP	SHALE		-6812	9726	9786	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	NMNM139803	NMNM57261	NEW		PGW	01-29-2021	01-29-2021	WOLFCA MP	10040	19807	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	580912	24673582	

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	01/29/2021	24	620	1964	4640	3167	6/64	2000		1825

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	-104.001478	2914	N/A	N/A	FEDERAL	NMNM57261				222	FSL	1198	FEL	26S	29E	8	Lot P
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.049825	-104.001736	-6288	9213	9202	FEDERAL	NMNM57261				67	FSL	1279	FEL	26S	29E	8	Lot P
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.05703	-104.00728	-7065	13624	9979	FEDERAL	NMNM124655				1321	FSL	1254	FEL	26S	29E	8	SENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.050549	-104.00166	-6975	9992	9889	FEDERAL	NMNM57261				330	FSL	1254	FEL	26S	29E	8	SESE

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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	32.050937	-104.002035	-6934	10040	9848	FEDERAL	NMNM123925				471	FSL	1369	FEL	26S	29E	8	Lot 0
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.077727	-104.002155	-7022	19805	9936	FEDERAL	NMNM115417				444	FNL	1327	FEL	26S	29E	5	Lot 1
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.078384	-104.002058	-7305	20046	10219	FEDERAL	NMNM115417				205	FNL	1287	FEL	26S	29E	5	Lot 1

Casing, Liner and Tubing

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)
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00	SURFACE	17.5	0	357	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	2898	10.75	45.5	J-55		BUTT		
00	INTERMEDIATE	9.875	0	9171	7.625	29.7	HCL-80		BUTT		
00	PRODUCTION	6.75	0	14947	5.5	20	P-110		OTHER	SF	
00	PRODUCTION	6.75	0	20031	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	425	1.35	0					102.2
00	INTERMEDIATE		Class H	690	3.91	0	Class H	200	1.27	8992	1410.5
00	INTERMEDIATE		Class C	425	2.26	0	Class C	200	1.33	2268	1410.5
00	PRODUCTION		Class H	630	2.04	0	Class H	700	1.65	6407	434.6

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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		9233	9216	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_702H___Final_Survey_Report_OH_Composite_NAD27_20210211151456.pdf

300154681301_HAMBONE_FEDERAL_COM_702H_CNL_20230221115900.pdf

Hambone_Federal_Com_702H_WCA_WBD_V17_20230221115920.pdf

C102_Hambone_Fed_Com_702H_New_Updated_20230919084954.pdf

Hambone_Federal_Com_702H_Plat_as_of_11_21_19_20230919085310.pdf

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Attachments

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Hambone_Federal_Com_702H_WCA_WBD_V17_20230221115920.pdf

C102_Hambone_Fed_Com_702H_New_Updated_20230919084954.pdf

Hambone_Federal_Com_702H_Plat_as_of_11_21_19_20230919085310.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 329893

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 329893
	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 329893

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 329893
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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