



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

Well Completion Print

05/17/2022

Operator Name MEWBOURNE OIL COMPANY SHL SWSE Sec 1 26S 29E	Well Name BUFFALO TRACE 1/36 H3OB FED	Well Number 2H	US Well Number 3001546771
	County EDDY	State NM	Lease Number(s) NMNM023765, NMNM23765, NMNM23765
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name BUFFALO TRACE 1/36 OB FED COM	Well Pad Number 3	ID 10400043660

Section 1 - General

Well Completion Report Id: 33047**Submission Date:** N/A until DB**BLM Office:** Carlsbad Field Office**User:** Bradley Bishop**Title:** Regulatory**Federal/Indian:** FEDERAL**Lease Number:** NMNM023765**Lease Acres:** 320**Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:****APD Operator:** MEWBOURNE OIL
COMPANY

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** Wolfcamp**Field Name:** Purple Sage Wolfcamp**Well Type:** CONVENTIONAL GAS**Spud Date:** 03-14-2020**Date Total Measured Depth Reached:** 04-08-2020**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
RUSTLER	ANHYDRITE		3017	27	27	NONE	
RUSTLER	SALT		2137	880	880	NONE	

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Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
TOP SALT	SALT		2011	1006	1006	NONE	
BOTTOM SALT	SALT		-72	3089	3089	NONE	
LAMAR	LIMESTONE		-261	3278	3278	NATURAL GAS, OIL	
BELL CANYON	SANDSTONE		-309	3326	3326	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-1189	4206	4206	NATURAL GAS, OIL	
MANZANITA	LIMESTONE		-1359	4376	4376	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-3809	6826	6826	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE, SHALE		-4039	7056	7056	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-4949	7966	7966	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-5621	8638	8638	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-7029	10046	10046	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	NMNM23765	NMNM23765	NEW		PGW	12-18-2020	01-12-2021	WOLFCA MP	10765	20737	Y	.5	2880	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	599237		Frac horizontal Wolfcamp w/25167954 gals slickwater, carrying 23881769# local 100 mesh sand.

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			GAS LIFT		SOLD	

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Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbbls)	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)
00	S1	1	01/16/2021	24	863	2842	3214	3293	36/64	2650		2030

Well Location

Survey Type: RECTANGULAR

Survey Number: 1

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

State	Meridian	County	Latitude	Longitude	Elevation (MSL)	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
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0653943	-103.9345942	3017	FEDERAL	NMNM23765			400	FSL	1660	FEL	26S	29E	1	SWSE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0642245	-103.9375353	-7053	FEDERAL	NMNM11039			8	FNL	2459	FWL	26S	29E	12	NENW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0651833	-103.9376002	-7532	FEDERAL	NMNM106690			340	FSL	2457	FWL	26S	29E	1	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0789769	-103.9381091	-7636	STATE	STATE			0	FSL	2583	FWL	25S	29E	36	SESW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0925507	-103.938072	-7668	STATE	STATE			374	FNL	2598	FWL	25S	29E	36	NENW

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	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	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
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0927047	-103.9380719	-7669	STATE	STATE				318	FNL	2598	FWL	25S	29E	36	NENW

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)
00	SURFACE	17.5	0	881	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	3308	9.625	37	HCL-80		LT&C		
00	PRODUCTION	8.75	0	10525	7.625	39	HCP-110		OTHER	LFJ	
00	LINER	6.125	10097	20793	4.5	13.5	HCP-110		OTHER	HTQ	

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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	575	1.73	0	Class C	200	1.33	498	224.5
00	INTERMEDIATE		Class C	550	2.55	0	Class C	200	1.32	2465	296.8
00	PRODUCTION		Class C	200	4.05	2050	Class H	398	1.18	7378	227.9
00	LINER		Poz H	950	1.6	10097				925	270.7

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	3.5		9215	9206	9	L-80		OTHER	IPC

Logs

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

Signed By: Bradley Bishop

Title: Regulatory

Signed on: 03/16/2022

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88260

Phone: (575)393-5905

Email address: bbishop@mewbourne.com

Field

Representative Name: Jackie Lathan

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88241

Phone: (575)393-5905

Extension:

Email address: jlathan@mewbourne.com

Attachments

BUFFALO_TRACE_1_36_W1NC_FED_COM_3H_20210128094018.pdf

Buffalo_Trace_1_36_W1NC_Fed_Com_3H_5inMD_20210128094123.pdf

Buffalo_Trace_1_36_W1NC_Fed_Com_3H_5inTVD_20210128094139.pdf

20210210153243_20210210143300.pdf

Buffalo_Trace_1_36_W1NC_Fed_Com_3H_5inTVD_20220316145249.pdf

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Buffalo_Trace_1_36_W1NC_Fed_Com_3H_Final_PVA_20220316145325.pdf

BUFFALO_TRACE_1_36_W1NC_FED_COM__20220316145459

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 107822

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 107822
	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.

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Santa Fe, NM 87505

CONDITIONS

Action 107822

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	Action Number: 107822
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	7/30/2025