



Well Completion Print

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

05/17/2022

Operator Name MEWBOURNE OIL COMPANY SHL NWNW Sec 12 26S 29E	Well Name BUFFALO TRACE 1/36 W1MD FEDCOM County EDDY	Well Number 1H	US Well Number 3001547867
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	State NM	Lease Number(s) NMNM11039, NMNM011039
Allottee/Tribe Name	Well Pad Name Buffalo Trace 1/36 MD & NC Fed Com wells	Agreement Name	Agreement Number(s) ID 10400052982
		Well Pad Number 4	

Section 1 - General

Well Completion Report Id: 81460 **Submission Date:** N/A until DB

BLM Office: Carlsbad Field Office **User:** Bradley Bishop **Title:** Regulatory

Federal/Indian: FEDERAL **Lease Number:** NMNM11039 **Lease Acres:**

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:** WOLCAMP **Field Name:** Purple Sage Wolfcamp

Well Type: CONVENTIONAL GAS

Spud Date: 02-04-2021

Date Total Measured Depth Reached: 03-01-2021

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
UNKNOWN	OTHER	Top Soil	2994	28	28	NONE	
RUSTLER	ANHYDRITE		2286	710	710	NONE	

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
TOP SALT	SALT		1964	1032	1032	NONE	
BASE OF SALT	SALT		-64	3060	3060	NONE	
LAMAR	LIMESTONE		-264	3260	3260	NATURAL GAS, OIL	
BELL CANYON	SANDSTONE		-304	3300	3300	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-1128	4124	4124	NATURAL GAS, OIL	
MANZANITA	LIMESTONE		-1338	4334	4334	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-3748	6744	6744	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE, SHALE		-3974	6970	6970	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-4913	7909	7909	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-5488	8484	8484	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-6843	9839	9839	NATURAL GAS, OIL	
WOLFCAMP	LIMESTONE, SANDSTONE, SHALE		-7214	10210	10210	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	X1	1	NMNM011039	NMNM011039	NEW		PGW	08-27-2021	09-16-2021	WOLFCA MP	10883	20891	Y	.39	2880	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	630501		Frac Horizontal Wolfcamp w/26481042 gals PW Slickwater, carrying 20628627# 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	X1	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	X1	1	09/23/2021	24	1001	3434	3140	3430	28/64	2675		1885

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

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	32.0629198	-103.9416537	2994	FEDERAL	NMNM11039			460	FNL	1185	FWL	26S	29E	12	NWNW
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0629198	-103.9416537	-6892	FEDERAL	NMNM11039			238	FNL	420	FWL	26S	29E	12	NWNW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0789693	-103.9454544	-7611	STATE	STATE			0	FSL	308	FWL	25S	29E	36	SWSW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0653642	-103.9441514	-7561	FEDERAL	NMNM106690			444	FSL	434	FWL	26S	29E	1	SWSW
EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0925412	-103.9454894	-7595	STATE	STATE			371	FNL	302	FWL	25S	29E	36	NWNW

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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	32.0926897	-103.9454883	-7595	STATE	STATE				317	FNL	302	FWL	25S	29E	36	NWNW

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	750	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	3225	9.625	40	HCL-80		LT&C		
00	PRODUCTION	8.75	0	9760	7.625	39	HCP-110		FJ		
00	LINER	6.125	9541	20945	4.5	13.5	HCP-110		LT&C		

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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	450	1.74	0	Class C	200	1.34		187.2
00	INTERMEDIATE		Class C	165	2.2	0	Class C	200	1.33		112
00	PRODUCTION		Class C	200	3.18	2225	Class H	400	1.18		197.3
00	LINER		Class C	825	1.74	9542				925	255.7

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		9506	9490	87983	L-80		OTHER	EUE

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: MEWBOURNE OIL COMPANY

Signed By: Bradley Bishop

Title: Regulatory

Signed on: 10/06/2021

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88260

Phone: (575)393-5905

Email address: bbishop@mewbourne.com

Field

Representative Name: Mike Loy

Street Address:

City: Hobbs

State: NM

Zip: 88240

Phone: (575)263-4941

Extension:

Email address: mloy@mewbourne.com

Attachments

2.5in_TVD_Format_LogITReport_20211006092444.pdf

5in_TVD_Format_LogITReport_20211006092444.pdf

2.5in_MD_Format_LogITReport_20211006092446.pdf

5in_MD_Format_LogITReport_20211006092446.pdf

Patterson_562_Buffalo_Trace_1_36_W1MD_Fed_Com_1H_Plan_3_PVA_20211006092514.pdf

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Buffalo_Trace_1_36_W1MD_Fed_Com_1H_WB_Diagram_20211006095441.xlsx

CONFIDENTIAL

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

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) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 107796

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 107796
	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.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	12/1/2023