



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

Well Completion Print

05/17/2022

Operator Name MEWBOURNE OIL COMPANY SHL NENW Sec 12 26S 29E	Well Name BUFFALO TRACE 1/36 W1NC FED CO County EDDY	Well Number 2H	US Well Number 3001547879
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	State NM	Lease Number(s) NMNM11039
Allottee/Tribe Name	Well Pad Name Buffalo Trace 1/36 MD & NC Fed Com wells	Agreement Name	Agreement Number(s) ID 10400052996

Section 1 - General

Well Completion Report Id: 81535	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: WOLFCAMP	Field Name: PURPLE SAGE
Well Type: CONVENTIONAL GAS		
Spud Date: 03-04-2021		
Date Total Measured Depth Reached: 03-25-2021		
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	2997	28	28	NONE	
RUSTLER	ANHYDRITE		2277	720	720	NONE	

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
TOP SALT	SALT		1955	1042	1042	NONE	
BASE OF SALT	SALT		-73	3070	3070	NATURAL GAS, OIL	
LAMAR	LIMESTONE		-283	3280	3280	NATURAL GAS, OIL	
BELL CANYON	SANDSTONE		-323	3320	3320	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-1158	4155	4155	NATURAL GAS, OIL	
MANZANITA	LIMESTONE		-1357	4354	4354	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE, SHALE		-3993	6990	6990	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-4932	7929	7929	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-5507	8504	8504	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-6862	9859	9859	NATURAL GAS, OIL	
WOLFCAMP	LIMESTONE, SANDSTONE, SHALE		-7233	10230	10230	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	NMNM11039	NMNM11039	NEW		PGW	08-27-2021	09-16-2021	WOLFCA MP	10938	20897	Y	.39	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	609080		Frac Horizontal Wolfcamp w/25581363 gals PW Slickwater, carrying 24546160# 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	09/28/2021	24	642	2098	3265	3267	30/64	1720		1170

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	32.0629259	-103.9412665	2997	FEDERAL	NMNM11039			460	FNL	1305	FWL	26S	29E	12	NENW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0630416	-103.9389485	-6807	FEDERAL	NMNM11039			431	FNL	2023	FWL	26S	29E	12	NENW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0789678	-103.9394719	-7438	STATE	STATE			0	FSL	2161	FWL	25S	29E	36	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0651894	-103.9389699	-7429	FEDERAL	NMNM106690			351	FSL	2033	FWL	26S	29E	1	SESW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0926404	-103.9398466	-7442	STATE	STATE			339	FNL	2049	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	32.0926899	-103.9398482	-7442	STATE	STATE				321	FNL	2049	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	750	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	3210	9.625	40	HCL-80		LT&C		
00	PRODUCTION	8.75	0	9750	7.625	39	HCP-110		FJ		
00	LINER	6.125	9552	20951	4.5	13.5	HCP-110		OTHER	CDC 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	500	1.74	0	Class C	200	1.34		202.7
00	INTERMEDIATE		Class C	600	2.02	0	Class C	200	1.32		262.9
00	PRODUCTION		Class C	150	4.03	2300	Class C	400	1.18		191.7
00	LINER		Class C	800	1.74	9552				925	247.9

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		9529	9513	88622	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: 10/12/2021

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

Buffalo_Trace_1_36_W1NC_Fed_Com_2H_2.5in_TVD_20211012080132.pdf

Buffalo_Trace_1_36_W1NC_Fed_Com_2H_5in_TVD_20211012080133.pdf

Buffalo_Trace_1_36_W1NC_Fed_Com_2H_2.5in_MD_20211012080134.pdf

Buffalo_Trace_1_36_W1NC_Fed_Com_2H_5in_MD_20211012080135.pdf

Patterson_562_Buffalo_Trace_1_36_W1NC_Fed_Com_2H_Plan_2_PVA_20211012080217.pdf

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Buffalo_Trace_1_36_W1NC_Fed_Com_2H_WB_Diagram_20211012080236.xlsx

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 107812

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 107812
	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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1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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Santa Fe, NM 87505

CONDITIONS

Action 107812

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	Action Number: 107812
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	5/23/2022