



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

# Well Completion Print

05/11/2022

<b>Operator Name</b> MARATHON OIL PERMIAN LLC SHL NWNW Sec 28 23S 29E	<b>Well Name</b> BLUE STEEL 21 FB FEE	<b>Well Number</b> 25H	<b>US Well Number</b> 3001545892
	<b>County</b> EDDY	<b>State</b> NM	<b>Lease Number(s)</b> NMNM086024, NMNM86024, NMNM86024
<b>Well Type</b> OIL WELL	<b>Well Status</b> Drilling Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b>
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BLUE STEEL 21 FEE	<b>Well Pad Number</b> 302-1	<b>ID</b> 10400035588

## Section 1 - General

**Well Completion Report Id:** 81619**Submission Date:** N/A until DB**BLM Office:** Carlsbad Field Office**User:** ADRIAN COVARRUBIAS**Title:** regulatory Compliance**Federal/Indian:** FEDERAL**Lease Number:** NMNM086024**Lease Acres:** 1440**Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:****APD Operator:** MARATHON OIL PERMIAN LLC

## Section 2 - Well

**Field/Pool or Exploratory:****Pool Name:** Wolfcamp**Field Name:** PIERCE CROSSING**Well Type:** OIL WELL**Spud Date:** 08-26-2019**Date Total Measured Depth Reached:** 09-04-2019**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
SALADO	ANHYDRITE, DOLOMITE, SALT		2627	374	374	OTHER	Brine
BASE OF SALT	LIMESTONE, SANDSTONE		72	2956	2956	OTHER	Brine

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### Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
LAMAR	OTHER	Sand/Shales	26	3003	3003	OIL	
BELL CANYON	OTHER	Sands/Shale	-9	3038	3038	OIL	
CHERRY CANYON	OTHER, SANDSTONE	Carbonate	-882	3911	3911	OIL	
BRUSHY CANYON	OTHER	Sands/Carbonate	-2055	5084	5084	OIL	
BONE SPRING	OTHER	Sands/Carbonate	-3672	6701	6790	OIL	

### Completion and Completed

#### 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	NMNM86024	NMNM86024	NEW		POW	10-14-2021	10-16-2021	BONE SPRING	7991	12636	Y	.36	474	OPEN

#### Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
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### 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	188478	9284470	Brackish Water: 188430 bbls

### 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			FLows FROM WELL		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)
00	S1	1	10/16/2021	24	32	161	201	5031	18/64	0		886

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### Well Location

Survey Type: RECTANGULAR

Survey Number: 21653

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	32.2824788	-103.9948076	3001	FEDERAL	NMNM086024				270	FNL	1135	FWL	23S	29E	28	NWNW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2833795	-103.9920152	-4162	FEE	FEE				60	FSL	1999	FWL	23S	29E	21	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2845116	-103.9920496	-4699	FEE	FEE				472	FSL	1986	FWL	23S	29E	21	SESW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2975739	-103.9919285	-4739	FEE	FEE				100	FNL	2002	FWL	23S	29E	21	NENW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.297751	-103.9919246	-4738	FEE	FEE				36	FNL	2003	FWL	23S	29E	21	NENW

### 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	369	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	2978	9.625	36	J-55		LT&C		
00	PRODUCTION	8.75	0	12788	5.5	17	P-110		BUTT		

### 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	369	1.63	0					107.1
00	INTERMEDIATE		35/65 POZ/C	1005	1.91	0	35/65 POZ/C	200	1.33		389.2
00	PRODUCTION		Class C	1060	2.49	780	Class H	1380	1.33		797

### 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:** MARATHON OIL PERMIAN LLC**Signed By:** ADRIAN COVARRUBIAS**Title:** regulatory Compliance  
Representative**Signed on:** 03/10/2022**Street Address:** 990 TOWN & COUNTRY BLVD**City:** HOUSTON**State:** TX**Zip:** 77024**Phone:** (713)296-3368**Email address:** acovarrubias@marathonoil.com**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Extension:****Email address:****Attachments**

WD\_Final1inMDGraphBlueSteel21FeeFB25H\_2019\_09\_18\_17.24.14\_20211020102846.pdf

20200306\_R3942\_016\_BLUE\_STEEL\_21\_FB\_FEE\_25H\_REV1\_CERT\_AS\_DRILLED\_C102\_SIGNED\_20211020102900.pdf

Certified\_Survey\_Report\_Blue\_Steel\_21\_FB\_FF\_No.\_25H\_20211020102921.PDF

Wellbore\_Schematic\_\_\_BLUE\_STEEL\_21\_FB\_FEE\_025H\_\_\_2021\_10\_11\_20211020102931.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 105907

**ACKNOWLEDGMENTS**

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 105907
	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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CONDITIONS

Action 105907

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	Action Number: 105907
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CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/29/2025