



Operator Name MARATHON OIL PERMIAN LLC SHL NENE Sec 28 23S 29E	Well Name BLUE STEEL 21 WXY FED COM	Well Number 18H	US Well Number 3001546209
Well Type CONVENTIONAL GAS WELL	County EDDY	State NM	Lease Number(s) NMNM119272, NMNM119272
Allottee/Tribe Name	Well Status Drilling Well Well Pad Name BLUE STEEL 21 FED COM	Agreement Name Well Pad Number 302-2	Agreement Number(s) ID 10400036145

Section 1 - General

Well Completion Report Id: 33391

Submission Date: N/A until DB

BLM Office: Carlsbad Field Office

User: ADRIAN COVARRUBIAS

Title: regulatory Compliance

Federal/Indian: FEDERAL

Lease Number: NMNM119272

Lease Acres: 80

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: CONVENTIONAL GAS

Spud Date: 01-02-2020

Date Total Measured Depth Reached: 03-12-2020

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
BASE OF SALT	ANHYDRITE, DOLOMITE, SALT		10	3015	3048	OTHER	Brine
LAMAR	SANDSTONE, SHALE		-43	3068	3102	OIL	

Operator Name MARATHON OIL PERMIAN LLC SHL NENE Sec 28 23S 29E	Well Name BLUE STEEL 21 WXY FED COM	Well Number 18H	US Well Number 3001546209
Well Type CONVENTIONAL GAS WELL	County EDDY	State NM	Lease Number(s) NMNM119272, NMNM119272
Allotee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s)
	Well Pad Name BLUE STEEL 21 FED COM	Well Pad Number 302-2	ID 10400036145

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
BELL CANYON	SANDSTONE, SHALE		-71	3097	3132	OIL	
CHERRY CANYON	OTHER, SANDSTONE	Carbonates	-904	3929	3988	OIL	
BRUSHY CANYON	OTHER, SANDSTONE	Carbonates	-2104	5127	5215	OIL	
BONE SPRING	OTHER, SANDSTONE	Carbonates	-3728	6753	6882	OIL	
WOLFCAMP	OTHER, SANDSTONE, SHALE	Carbonates	-6948	9973	10259	OIL	

Completion and Completed

Completion Data

Status	Formation	Date First Produced	Date Completed	Completion Status	Describe Well Completion Type	Well Completion Type	Lease Number	Case Number	Interval Number	Completion Code	Wellbore Code	Status of Interval	Number of Holes	Perforation Size	Interval Perforated?	Interval Bottom (MD)	Interval Top (MD)
	WOLFCA MP	12-19-2020	05-28-2020	PGW	NEW		NMNM11 9272	S1	1		00	OPEN	107 8	.42	Y	20021	103 02

Treatment Data

Wellbore Code	Completion Code	Interval Number	Treatment Type	Interval Treated?	Wellbore Code

Operator Name MARATHON OIL PERMIAN LLC SHL NENE Sec 28 23S 29E	Well Name BLUE STEEL 21 WXY FED COM	Well Number 18H	US Well Number 3001546209
Well Type CONVENTIONAL GAS WELL	County EDDY	State NM	Lease Number(s) NMNM119272, NMNM119272
Allotee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s)
	Well Pad Name BLUE STEEL 21 FED COM	Well Pad Number 302-2	ID 10400036145

Treatment Data

Treatment Remarks	Total Proppant (lbs)	Brackish Water - 356,847 bbls Total Propant - 23,952,720 lbs
Totle Fluid (bbls)	356847	
Treatment Type	Production Method	
Interval Treated?		FLOWS FROM WELL
Interval Number		

Production Data

Casing Pressure (psi)	1401
Disposition Gas	SOLD
Tubeing Pressure Shut-In (psi)	0
Choke Size	61/64
Gas-Oil Ratio (SCF/Bbl)	2040
24-Hour Rate Water(BWPD)	7921
24-Hour Rate Gas (MCF)	4353
24-Hour Rate Oil (bbls)	2133
Hours Tested	24
Test Date	11/04/2021
Interval Number	1
Completion Code	S1
Wellbore Code	00

Test Data

Casing Pressure (psi)	1401
Disposition Gas	SOLD
Tubeing Pressure Shut-In (psi)	0
Choke Size	61/64
Gas-Oil Ratio (SCF/Bbl)	2040
24-Hour Rate Water(BWPD)	7921
24-Hour Rate Gas (MCF)	4353
24-Hour Rate Oil (bbls)	2133
Hours Tested	24
Test Date	11/04/2021
Interval Number	1
Completion Code	S1
Wellbore Code	00

Operator Name MARATHON OIL PERMIAN LLC SHL NENE Sec 28 23S 29E	Well Name BLUE STEEL 21 WXY FED COM	Well Number 18H	US Well Number 3001546209
Well Type CONVENTIONAL GAS WELL Allotee/Tribe Name	County EDDY	State NM	Lease Number(s) NMNM119272, NMNM119272
	Well Status Drilling Well	Agreement Name	Agreement Number(s)
	Well Pad Name BLUE STEEL 21 FED COM	Well Pad Number 302-2	ID 10400036145

Well Location

Survey Type: RECTANGULAR

Survey Number: 21653

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

	Aliquot/Lot/Tract	Section	Range	Township	EW-Indicator	EW-Foot	NS-Indicator	NS-Foot
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.27987 28	-103.9846 281	2998	FEDERAL	NMNM 13621 1
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.28351 62	-103.9823 876	-6489	FEDERAL	NMNM 11927 2
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.28441 7	-103.9824 546	-6985	FEDERAL	NMNM 11927 2
EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.31155 34	-103.9821 899	-7117	FEE	FEE
BHL Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.31155 34	-103.9821 899	-7117	FEE	FEE

Casing, Liner and Tubing

Operator Name MARATHON OIL PERMIAN LLC SHL NENE Sec 28 23S 29E	Well Name BLUE STEEL 21 WXY FED COM	Well Number 18H	US Well Number 3001546209
Well Type CONVENTIONAL GAS WELL	County EDDY	State NM	Lease Number(s) NMNM119272, NMNM119272
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s)
	Well Pad Name BLUE STEEL 21 FED COM	Well Pad Number 302-2	ID 10400036145

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	306	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	3020	9.625	40	J-55		LT&C		
00	PRODUCT ION	8.75	0	20151	5.5	20	P-110		OTHER	VA Roughneck	

Cementing

										Total (Lead + Tail) Cement Slurry Volume
										Cement Tail Top (MD)
										Cement Tail Yield(cu.ft/sks)
Cement Lead Qty (sks)	Cement Lead Qty (sks)	Cement Lead Top (MD)	Cement Lead Type	Cement Tail Qty (sks)	Cement Tail Top (MD)	Cement Tail Yield(cu.ft/sks)	Cement Tail Type	Cement Lead Qty (sks)	Cement Lead Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		N/A, tail cement only.	0	0	357	Class C	1.32	0	83.9
00	INTERMEDIATE		Class C	795	2.19	195	Class C	1.32		355.9
00	PRODUCT ION		50/50 Poz	800	4.51	2160	50/50 Poz	1.54		1235

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
---------------	------------	-----------------	--------------	---------------------	-----------------	------------------

Operator Name MARATHON OIL PERMIAN LLC SHL NENE Sec 28 23S 29E	Well Name BLUE STEEL 21 WXY FED COM	Well Number 18H	US Well Number 3001546209
Well Type CONVENTIONAL GAS WELL	County EDDY	State NM	Lease Number(s) NMNM119272, NMNM119272
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s)
	Well Pad Name BLUE STEEL 21 FED COM	Well Pad Number 302-2	ID 10400036145

Logs

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

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: 04/05/2022

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

Operator Name MARATHON OIL PERMIAN LLC SHL NENE Sec 28 23S 29E	Well Name BLUE STEEL 21 WXY FED COM	Well Number 18H	US Well Number 3001546209
Well Type CONVENTIONAL GAS WELL	County EDDY	State NM	Lease Number(s) NMNM119272, NMNM119272
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s)
	Well Pad Name BLUE STEEL 21 FED COM	Well Pad Number 302-2	ID 10400036145

Blue_Steel_21_WXY_Fed_Com_18H_MD_Log_20210204122942.pdf

BLUE_STEEL_21_WXY_FED_COM_18H__C_102__Survey_20210204122949.pdf

Reporting__Wellbore_Schematic__BLUE_STEEL_21_WXY_FED_COM_018H__2021_01_08_14.19.14_20
210204123002.pdf

20200512_R3942_012_BLUE_STEEL_21_WXY_FED_COM_18H_REV._1_CERTIFIED_AS_DRILLED_signed
_20210817100206.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 311313

ACKNOWLEDGMENTS

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 311313
	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.
<input type="checkbox"/> I hereby certify that no additives containing PFAS chemicals were added to the fluid used in the completion or recompletion of this well.

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 311313

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 311313
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/13/2026