



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

Well Completion Print

05/11/2022

Operator Name MARATHON OIL PERMIAN LLC SHL NWNW Sec 28 23S 29E	Well Name BLUE STEEL 21 FB FEE	Well Number 21H	US Well Number 3001545901
Well Type OIL WELL	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024 Agreement Number(s)
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	
	Well Pad Name BLUE STEEL 21 FEE	Well Pad Number 302-1	ID 10400035657

Section 1 - General

Well Completion Report Id: 81618**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:** BONESPRING**Field Name:** Purple Sage**Well Type:** OIL WELL**Spud Date:** 08-22-2019**Date Total Measured Depth Reached:** 09-27-2019**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

Operator Name MARATHON OIL PERMIAN LLC SHL NWNW Sec 28 23S 29E	Well Name BLUE STEEL 21 FB FEE	Well Number 21H	US Well Number 3001545901
	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name BLUE STEEL 21 FEE	Well Pad Number 302-1	ID 10400035657

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	10-12-2021	10-16-2021	BONE SPRING	8003	12627	Y	.36	474	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	189931	9234829	Brackish Water: 189907 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	

Operator Name MARATHON OIL PERMIAN LLC SHL NWNW Sec 28 23S 29E	Well Name BLUE STEEL 21 FB FEE	Well Number 21H	US Well Number 3001545901
	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name BLUE STEEL 21 FEE	Well Pad Number 302-1	ID 10400035657

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	65	258	261	3969	18/64	0		769

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	32.2824784	-103.9947105	3001	FEDERAL	NMNM086024			270	FNL	1165	FWL	23S	29E	28	NWNW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2833004	-103.996303	-4165	FEE	FEE			28	FSL	674	FWL	23S	29E	21	SWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2846251	-103.9963162	-4692	FEE	FEE			510	FSL	668	FWL	23S	29E	21	SWSW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2975724	-103.9962788	-4732	FEE	FEE			100	FNL	658	FWL	23S	29E	21	NWNW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2977444	-103.9962813	-4735	FEE	FEE			37	FNL	657	FWL	23S	29E	21	NWNW

Operator Name MARATHON OIL PERMIAN LLC SHL NWNW Sec 28 23S 29E	Well Name BLUE STEEL 21 FB FEE	Well Number 21H	US Well Number 3001545901
	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name BLUE STEEL 21 FEE	Well Pad Number 302-1	ID 10400035657

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	372	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	2972	9.625	36	J-55		LT&C		
00	PRODUCTION	8.75	0	12756	5.5	17	P-110		OTHER	CYHP BHT	

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	490	1.63	0					142.2
00	INTERMEDIATE		Class C	920	1.91	0	Class C	200	1.33		360.3
00	PRODUCTION		Class C	1055	2.49	0	Class C	1635	1.14	0	799.8

Operator Name MARATHON OIL PERMIAN LLC SHL NWNW Sec 28 23S 29E	Well Name BLUE STEEL 21 FB FEE	Well Number 21H	US Well Number 3001545901
	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name BLUE STEEL 21 FEE	Well Pad Number 302-1	ID 10400035657

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:** 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**

Operator Name MARATHON OIL PERMIAN LLC SHL NWNW Sec 28 23S 29E	Well Name BLUE STEEL 21 FB FEE	Well Number 21H	US Well Number 3001545901
	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name BLUE STEEL 21 FEE	Well Pad Number 302-1	ID 10400035657

WD_FINAL1inMDGraphBlueSteel21FeeFB21H_2019_09_28_18.17.01_20211020081228.pdf

20200306_R3942_003_BLUE_STEEL_21_FB_FEE_21H_REV1_CERT_AS_DRILLED_C102_SIGNED_20211020081244.pdf

Certified_Survey_Report_Blue_Steel_21_FB_Fee_No._21H_20211020081311.PDF

Wellbore_Schematic___BLUE_STEEL_21_FB_FEE_021H___2021_10_11_20211020081333.pdf

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 105905

ACKNOWLEDGMENTS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 105905
	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.

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

CONDITIONS

Action 105905

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 105905
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/20/2022