

1625 N. French Dr., Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural ResourcesForm C-104
Revised August 1, 2011Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Marathon Oil Permian LLC 5555 San Felipe St., Houston, TX 77056		² OGRID Number 372098
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-46069	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 325397	⁸ Property Name BLUE STEEL 21 WA FEE	⁹ Well Number 2H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	28	23S	29E		270	NORTH	1105	WEST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	23S	29E		286	NORTH	341	WEST	EDDY
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				
P	F								

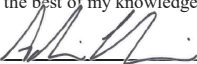
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
16587	ORYX ENERGY CO	O
327139	SENDERO MIDSTREAM	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTB	²⁵ Perforations	²⁶ DHC, MC
8/27/2019	7/1/2020	20365' / 10225'	20268' / 10224'	10343' - 20145'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	375'	490		
12 1/4"	9 5/8"	3063'	955		
8 3/4"	7"	10343'	1210		
6 1/8"	4 1/2"	9723' - 20355'	1150		

V. Well Test Data

³¹ Date New Oil 12/19/2020	³² Gas Delivery Date 12/17/2020	³³ Test Date 12/29/2020	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 2409
³⁷ Choke Size 40	³⁸ Oil 1807	³⁹ Water 6120	⁴⁰ Gas 3960		⁴¹ Test Method FLOWING
⁴² 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. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Adrian Covarrubias			Approved by: Kurt Simmons		
Title: Regulatory Professional			Title: NMOC, Santa Fe		
E-mail Address: acovarrubias@marathonoil.com			Approval Date: 03/23/2021		
Date: 3/1/2021		Phone: 713-296-3368			

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46069	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 325397	Property Name BLUE STEEL 21 WA FEE	
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁶ Well Number 2H
		⁹ Elevation 3001'

¹⁰ Surface Location

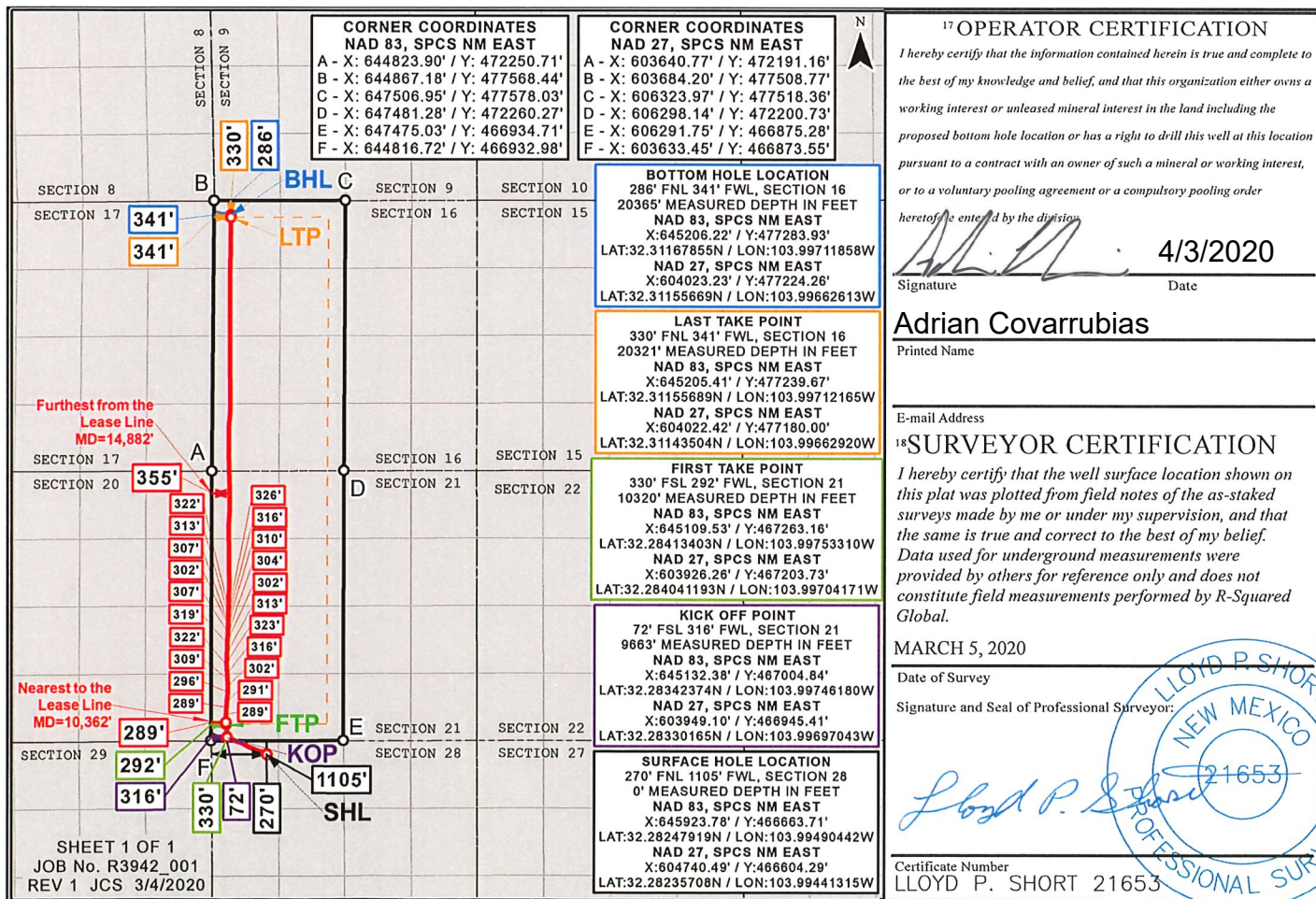
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	23S	29E		270	NORTH	1105	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	23S	29E		286	NORTH	341	WEST	EDDY

¹² Dedicated Acres 640.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Distances/areas relative to NAD 83 Combined Scale Factor: 0.999782 Convergence Angle: 00°11'10.61002"



Marathon Oil Corporation

Blue Steel 21 WA Fee No. 2H
Eddy County, NM

January 21, 2020

Job# LNM1525919
API# 30-015-46069

Survey Completion Report



Survey Certification Letter

January 21, 2020



Operator Name: Marathon Oil
Well Name: Blue Steel 21 WA Fee No. 2H
County/Parish: Eddy County,
State: NM
Rig Name: Precision 582
Job Number: LNM1525919

This is to certify the surveys performed on the referenced well by Professional Directional Ent., Inc. are true and correct MWD Surveys, data provided as follows:

Surveyor	Surveyed Depths	Projection to Bit	Dates Performed	Type of Survey
ProDirectional	418' MD – 20,302' MD	20,365' MD	08/30/19 – 12/31/19	MWD

Sincerely,

Mike Coats
Regulatory Specialist
Professional Directional

850 Conroe Park West Drive | Conroe, TX 77303 | Phone: 936.441.7266
prodirectional.com



Marathon Oil

**Eddy County, NM
Blue Steel 21 WA Fee
No. 2H
OH**

Survey: ProDirectional

Survey Report

21 January, 2020





ProDirectional Survey Report



Company:	Marathon Oil	Local Co-ordinate Reference:	Well No. 2H
Project:	Eddy County, NM(NAD 83)	TVD Reference:	Well @ 3028.00usft
Site:	Blue Steel 21 WA Fee	MD Reference:	Well @ 3028.00usft
Well:	No. 2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	MWD-101-20302', PTB: 20365'	Database:	WellPlanner1

Project	Eddy County, NM(NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Blue Steel 21 WA Fee		
Site Position:		Northing:	466,663.81 usft
From:	Map	Easting:	646,073.65 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.2824782
		Longitude:	-103.9944195
		Grid Convergence:	0.18 °

Well		No. 2H, LNM1525919				
Well Position	+N/-S	0.00 usft	Northing:	466,663.71 usft	Latitude:	32.2824792
	+E/-W	0.00 usft	Easting:	645,923.78 usft	Longitude:	-103.9949044
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,001.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	8/1/2019	7.00	60.03	47,903.50

Design	MWD-101-20302', PTB: 20365'			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	0.27



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 2H
Wellbore: OH
Design: MWD-101-20302', PTB: 20365'

Local Co-ordinate Reference: Well No. 2H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey Program Date 1/21/2020

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
101.00	375.00	Survey #1 (OH)	GYRO-NS-CT	OWSG XYZ Accel with XY Static and Continuous Gyro
418.00	20,365.00	Survey #2 (OH)	MWD+HDGM	OWSG MWD + HRGM

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	466,663.71	645,923.78
101.00	0.10	176.00	101.00	-0.09	-0.09	0.01	0.09	176.00	466,663.62	645,923.79
185.00	0.60	246.00	185.00	-0.34	-0.34	-0.39	0.52	228.96	466,663.37	645,923.39
284.00	0.60	286.00	283.99	-0.41	-0.41	-1.36	1.42	253.33	466,663.30	645,922.42
375.00	0.60	324.00	374.99	0.10	0.11	-2.10	2.10	272.97	466,663.82	645,921.68
418.00	0.80	344.90	417.99	0.57	0.58	-2.31	2.38	284.11	466,664.29	645,921.47
Pro MWD First Survey: 418' MD										
510.00	0.80	338.00	509.98	1.78	1.80	-2.72	3.26	303.45	466,665.51	645,921.06
603.00	0.40	18.00	602.97	2.69	2.71	-2.86	3.94	313.41	466,666.42	645,920.92
698.00	0.20	2.50	697.97	3.18	3.19	-2.75	4.21	319.20	466,666.90	645,921.03
792.00	0.50	297.50	791.97	3.53	3.54	-3.11	4.71	318.72	466,667.25	645,920.67
887.00	0.50	304.80	886.97	3.95	3.97	-3.82	5.51	316.12	466,667.68	645,919.96
979.00	0.50	274.40	978.96	4.21	4.23	-4.55	6.21	312.93	466,667.94	645,919.23
1,073.00	1.40	262.20	1,072.95	4.08	4.10	-6.09	7.35	303.97	466,667.81	645,917.69
1,163.00	1.90	254.80	1,162.91	3.52	3.56	-8.62	9.33	292.46	466,667.27	645,915.16
1,252.00	1.40	242.50	1,251.87	2.62	2.68	-11.01	11.33	283.66	466,666.39	645,912.77
1,341.00	2.70	260.40	1,340.82	1.76	1.82	-14.04	14.16	277.40	466,665.53	645,909.74
1,431.00	5.10	289.10	1,430.61	2.69	2.78	-19.91	20.11	277.95	466,666.49	645,903.87
1,520.00	6.10	295.20	1,519.18	5.96	6.09	-27.93	28.59	282.30	466,669.80	645,895.85
1,610.00	6.40	298.40	1,608.65	10.34	10.51	-36.67	38.15	285.99	466,674.22	645,887.11
1,700.00	8.00	296.40	1,697.94	15.46	15.68	-46.69	49.25	288.56	466,679.39	645,877.09



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 2H
Wellbore: OH
Design: MWD-101-20302', PTB: 20365'

Local Co-ordinate Reference: Well No. 2H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
1,789.00	8.00	296.70	1,786.07	20.94	21.22	-57.77	61.55	290.17	466,684.93	645,866.01	
1,878.00	7.40	295.90	1,874.27	26.18	26.50	-68.46	73.41	291.16	466,690.21	645,855.32	
1,968.00	7.10	292.70	1,963.55	30.81	31.18	-78.81	84.75	291.59	466,694.89	645,844.97	
2,057.00	6.60	292.70	2,051.91	34.86	35.28	-88.60	95.36	291.71	466,698.99	645,835.18	
2,147.00	6.70	294.50	2,141.31	38.99	39.45	-98.15	105.78	291.90	466,703.16	645,825.63	
2,236.00	7.70	293.50	2,229.60	43.47	43.98	-108.34	116.93	292.09	466,707.69	645,815.44	
2,326.00	7.40	287.60	2,318.82	47.57	48.14	-119.39	128.73	291.96	466,711.85	645,804.39	
2,415.00	8.90	291.70	2,406.92	51.80	52.42	-131.26	141.33	291.77	466,716.13	645,792.52	
2,505.00	9.30	292.50	2,495.79	57.09	57.77	-144.44	155.57	291.80	466,721.48	645,779.34	
2,595.00	10.50	292.80	2,584.45	62.99	63.74	-158.72	171.04	291.88	466,727.45	645,765.06	
2,685.00	10.00	290.40	2,673.01	68.82	69.64	-173.61	187.05	291.86	466,733.35	645,750.17	
2,774.00	9.10	287.90	2,760.78	73.61	74.49	-187.55	201.80	291.66	466,738.20	645,736.23	
2,864.00	9.10	292.20	2,849.65	78.42	79.37	-200.91	216.02	291.56	466,743.08	645,722.87	
2,954.00	10.10	295.40	2,938.39	84.43	85.44	-214.63	231.01	291.71	466,749.15	645,709.15	
3,113.00	9.90	294.50	3,094.97	95.96	97.09	-239.66	258.58	292.05	466,760.80	645,684.12	
3,202.00	10.20	293.80	3,182.61	102.25	103.45	-253.83	274.10	292.17	466,767.16	645,669.95	
3,291.00	10.20	293.00	3,270.20	108.44	109.70	-268.29	289.86	292.24	466,773.41	645,655.49	
3,381.00	10.20	293.50	3,358.78	114.66	116.00	-282.94	305.79	292.29	466,779.71	645,640.84	
3,470.00	10.20	292.90	3,446.37	120.80	122.20	-297.42	321.55	292.34	466,785.91	645,626.36	
3,560.00	10.20	292.80	3,534.95	126.92	128.39	-312.11	337.49	292.36	466,792.10	645,611.67	
3,650.00	10.80	293.30	3,623.44	133.27	134.82	-327.20	353.89	292.39	466,798.53	645,596.58	
3,739.00	10.60	294.90	3,710.89	139.95	141.56	-342.28	370.40	292.47	466,805.27	645,581.50	
3,829.00	10.40	294.60	3,799.39	146.74	148.43	-357.18	386.79	292.57	466,812.14	645,566.60	
3,918.00	10.20	292.80	3,886.95	153.07	154.83	-371.75	402.70	292.61	466,818.54	645,552.03	
4,008.00	10.30	291.60	3,975.52	159.05	160.88	-386.57	418.71	292.60	466,824.59	645,537.21	
4,097.00	10.30	291.10	4,063.08	164.78	166.67	-401.40	434.62	292.55	466,830.38	645,522.38	
4,187.00	11.00	305.60	4,151.55	172.60	174.57	-415.89	451.04	292.77	466,838.28	645,507.89	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 2H
Wellbore: OH
Design: MWD-101-20302', PTB: 20365'

Local Co-ordinate Reference: Well No. 2H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
4,277.00	11.00	305.50	4,239.89	182.52	184.55	-429.86	467.80	293.24	466,848.26	645,493.92	
4,366.00	10.70	305.00	4,327.30	192.13	194.22	-443.54	484.20	293.65	466,857.93	645,480.24	
4,456.00	10.70	304.70	4,415.74	201.61	203.77	-457.25	500.60	294.02	466,867.48	645,466.53	
4,545.00	10.20	303.90	4,503.26	210.65	212.87	-470.59	516.49	294.34	466,876.58	645,453.19	
4,635.00	9.40	291.80	4,591.96	217.76	220.04	-484.03	531.70	294.45	466,883.75	645,439.75	
4,725.00	9.50	289.90	4,680.73	222.95	225.30	-497.83	546.44	294.35	466,889.01	645,425.95	
4,815.00	9.80	290.60	4,769.46	228.11	230.52	-511.99	561.49	294.24	466,894.23	645,411.79	
4,904.00	10.30	288.80	4,857.10	233.27	235.75	-526.61	576.97	294.12	466,899.46	645,397.17	
4,993.00	10.30	288.70	4,944.66	238.31	240.87	-541.68	592.82	293.97	466,904.58	645,382.10	
5,083.00	9.50	285.20	5,033.32	242.77	245.39	-556.47	608.17	293.80	466,909.10	645,367.31	
5,173.00	8.60	289.90	5,122.20	246.94	249.63	-569.96	622.23	293.65	466,913.34	645,353.82	
5,262.00	8.00	287.40	5,210.27	251.00	253.75	-582.13	635.03	293.55	466,917.46	645,341.65	
5,352.00	7.80	286.30	5,299.41	254.53	257.34	-593.97	647.32	293.42	466,921.05	645,329.81	
5,442.00	7.30	284.80	5,388.63	257.66	260.51	-605.36	659.03	293.28	466,924.22	645,318.42	
5,531.00	8.30	299.30	5,476.82	262.19	265.10	-616.43	671.02	293.27	466,928.81	645,307.35	
5,621.00	8.30	296.60	5,565.88	268.23	271.19	-627.90	683.96	293.36	466,934.90	645,295.88	
5,710.00	8.30	294.70	5,653.94	273.73	276.75	-639.48	696.80	293.40	466,940.46	645,284.30	
5,800.00	9.50	302.10	5,742.86	280.34	283.41	-651.68	710.64	293.50	466,947.12	645,272.10	
5,890.00	9.30	300.70	5,831.65	287.94	291.07	-664.22	725.20	293.66	466,954.78	645,259.56	
5,980.00	9.90	298.50	5,920.39	295.28	298.47	-677.27	740.13	293.78	466,962.18	645,246.51	
6,069.00	9.90	298.20	6,008.07	302.48	305.74	-690.74	755.38	293.88	466,969.45	645,233.04	
6,159.00	9.50	296.80	6,096.78	309.42	312.74	-704.19	770.51	293.95	466,976.45	645,219.59	
6,248.00	9.10	295.80	6,184.61	315.74	319.12	-717.08	784.88	293.99	466,982.83	645,206.70	
6,338.00	9.10	292.20	6,273.48	321.46	324.91	-730.08	799.11	293.99	466,988.62	645,193.70	
6,428.00	8.70	292.60	6,362.39	326.71	330.21	-742.95	813.03	293.96	466,993.92	645,180.83	
6,517.00	8.50	289.10	6,450.39	331.39	334.95	-755.38	826.31	293.91	466,998.66	645,168.40	
6,607.00	7.40	290.90	6,539.53	335.58	339.19	-767.08	838.73	293.85	467,002.90	645,156.70	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 2H
Wellbore: OH
Design: MWD-101-20302', PTB: 20365'

Local Co-ordinate Reference: Well No. 2H
TVD Reference: Well @ 3028.00usft
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North Reference: Grid
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Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
6,697.00	5.80	297.00	6,628.93	339.66	343.33	-776.55	849.06	293.85	467,007.04	645,147.23	
6,787.00	5.00	294.40	6,718.53	343.31	347.01	-784.17	857.52	293.87	467,010.72	645,139.61	
6,876.00	3.10	288.60	6,807.30	345.66	349.38	-789.98	863.80	293.86	467,013.09	645,133.80	
6,966.00	2.20	281.80	6,897.21	346.77	350.51	-793.98	867.91	293.82	467,014.22	645,129.80	
7,056.00	1.90	291.50	6,987.15	347.65	351.41	-797.06	871.09	293.79	467,015.12	645,126.72	
7,145.00	1.10	250.00	7,076.12	347.89	351.66	-799.24	873.18	293.75	467,015.37	645,124.54	
7,235.00	1.00	193.40	7,166.11	346.83	350.60	-800.23	873.66	293.66	467,014.31	645,123.55	
7,324.00	1.00	145.50	7,255.10	345.43	349.20	-799.97	872.87	293.58	467,012.91	645,123.81	
7,413.00	0.80	161.30	7,344.09	344.21	347.98	-799.33	871.79	293.53	467,011.69	645,124.45	
7,503.00	0.30	262.80	7,434.08	343.58	347.35	-799.36	871.57	293.49	467,011.06	645,124.42	
7,593.00	0.70	308.70	7,524.08	343.89	347.67	-800.03	872.30	293.49	467,011.38	645,123.75	
7,683.00	1.00	249.80	7,614.07	343.96	347.74	-801.19	873.40	293.46	467,011.45	645,122.59	
7,772.00	1.40	229.10	7,703.05	342.97	346.76	-802.74	874.44	293.36	467,010.47	645,121.04	
7,862.00	1.10	260.20	7,793.03	342.10	345.89	-804.43	875.64	293.27	467,009.60	645,119.35	
7,951.00	1.20	264.20	7,882.01	341.85	345.65	-806.19	877.17	293.21	467,009.36	645,117.59	
8,041.00	0.60	65.30	7,972.01	341.95	345.75	-806.70	877.68	293.20	467,009.46	645,117.08	
8,130.00	1.60	79.00	8,060.99	342.39	346.19	-805.06	876.34	293.27	467,009.90	645,118.72	
8,220.00	1.50	77.10	8,150.96	342.90	346.69	-802.68	874.35	293.36	467,010.40	645,121.10	
8,309.00	1.10	72.70	8,239.93	343.43	347.20	-800.73	872.76	293.44	467,010.91	645,123.05	
8,399.00	0.90	89.80	8,329.92	343.69	347.46	-799.20	871.46	293.50	467,011.17	645,124.58	
8,488.00	1.50	89.00	8,418.90	343.72	347.48	-797.33	869.76	293.55	467,011.19	645,126.45	
8,578.00	1.60	102.00	8,508.87	343.49	347.24	-794.93	867.46	293.60	467,010.95	645,128.85	
8,668.00	0.80	87.50	8,598.85	343.27	347.01	-793.07	865.66	293.63	467,010.72	645,130.71	
8,758.00	0.90	125.00	8,688.84	342.90	346.63	-791.86	864.41	293.64	467,010.34	645,131.92	
8,847.00	1.00	124.80	8,777.83	342.06	345.79	-790.65	862.96	293.62	467,009.50	645,133.13	
8,937.00	1.10	192.60	8,867.81	340.77	344.50	-790.20	862.03	293.56	467,008.21	645,133.58	
9,027.00	1.10	228.60	8,957.80	339.35	343.08	-791.03	862.23	293.45	467,006.79	645,132.75	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 2H
Wellbore: OH
Design: MWD-101-20302', PTB: 20365'

Local Co-ordinate Reference: Well No. 2H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
9,116.00	0.30	332.90	9,046.79	338.99	342.72	-791.78	862.77	293.41	467,006.43	645,132.00	
9,206.00	0.30	15.80	9,136.79	339.43	343.16	-791.82	862.98	293.43	467,006.87	645,131.96	
9,295.00	0.20	53.80	9,225.79	339.74	343.48	-791.63	862.94	293.46	467,007.19	645,132.15	
9,385.00	0.30	56.20	9,315.79	339.97	343.70	-791.31	862.73	293.48	467,007.41	645,132.47	
9,474.00	0.40	149.10	9,404.79	339.83	343.56	-790.96	862.35	293.48	467,007.27	645,132.82	
9,564.00	0.60	202.20	9,494.79	339.13	342.86	-790.97	862.09	293.43	467,006.57	645,132.81	
9,648.00	1.40	188.90	9,578.77	337.70	341.44	-791.30	861.82	293.34	467,005.15	645,132.48	
9,741.00	1.10	208.10	9,671.75	335.79	339.53	-791.90	861.61	293.21	467,003.24	645,131.88	
9,830.00	6.50	352.20	9,760.58	340.03	343.77	-792.98	864.29	293.44	467,007.48	645,130.80	
9,920.00	15.10	350.30	9,848.90	356.65	360.40	-795.65	873.47	294.37	467,024.11	645,128.13	
10,009.00	24.50	353.00	9,932.55	386.44	390.21	-799.87	889.97	296.01	467,053.92	645,123.91	
10,099.00	34.70	359.80	10,010.72	430.70	434.48	-802.24	912.34	298.44	467,098.19	645,121.54	
10,188.00	44.80	357.30	10,079.07	487.49	491.29	-803.81	942.06	301.43	467,155.00	645,119.97	
10,277.00	56.40	352.30	10,135.48	555.77	559.60	-810.27	984.73	304.63	467,223.31	645,113.51	
10,294.00	59.20	352.80	10,144.54	570.03	573.86	-812.14	994.43	305.25	467,237.57	645,111.64	
10,362.00	66.81	357.61	10,175.40	630.32	634.18	-817.11	1,034.34	307.82	467,297.89	645,106.67	
10,454.00	71.82	1.74	10,207.90	716.34	720.20	-817.55	1,089.53	311.38	467,383.91	645,106.23	
10,547.00	83.70	1.60	10,227.58	807.03	810.88	-814.91	1,149.61	314.86	467,474.59	645,108.87	
10,639.00	90.90	3.90	10,231.91	898.78	902.61	-810.50	1,213.10	318.08	467,566.32	645,113.28	
10,731.00	91.40	4.40	10,230.06	990.55	994.35	-803.84	1,278.62	321.05	467,658.06	645,119.94	
10,823.00	87.30	4.30	10,231.11	1,082.29	1,086.06	-796.86	1,347.04	323.73	467,749.77	645,126.92	
10,916.00	87.90	4.70	10,235.00	1,174.95	1,178.69	-789.57	1,418.71	326.18	467,842.40	645,134.21	
11,009.00	88.40	2.90	10,238.00	1,267.72	1,271.43	-783.41	1,493.41	328.36	467,935.14	645,140.37	
11,103.00	88.10	358.30	10,240.88	1,361.65	1,365.36	-782.43	1,573.66	330.18	468,029.07	645,141.35	
11,197.00	89.80	356.80	10,242.60	1,455.53	1,459.25	-786.45	1,657.68	331.68	468,122.96	645,137.33	
11,291.00	90.10	356.00	10,242.68	1,549.31	1,553.06	-792.35	1,743.51	332.97	468,216.77	645,131.43	
11,384.00	90.24	356.47	10,242.40	1,642.08	1,645.86	-798.46	1,829.31	334.12	468,309.57	645,125.32	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 2H
Wellbore: OH
Design: MWD-101-20302', PTB: 20365'

Local Co-ordinate Reference: Well No. 2H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
11,480.00	92.57	358.23	10,240.05	1,737.92	1,741.72	-802.89	1,917.87	335.25	468,405.43	645,120.89	
11,575.00	94.29	1.30	10,234.37	1,832.73	1,836.53	-803.28	2,004.52	336.38	468,500.24	645,120.50	
11,669.00	92.26	2.09	10,229.00	1,926.54	1,930.33	-800.51	2,089.74	337.48	468,594.04	645,123.27	
11,754.00	90.24	1.65	10,227.14	2,011.48	2,015.26	-797.74	2,167.41	338.40	468,678.97	645,126.04	
11,858.00	89.49	1.92	10,227.39	2,115.44	2,119.21	-794.50	2,263.24	339.45	468,782.92	645,129.28	
11,953.00	88.79	1.83	10,228.81	2,210.39	2,214.15	-791.39	2,351.33	340.33	468,877.86	645,132.39	
12,048.00	91.12	2.45	10,228.89	2,305.34	2,309.07	-787.84	2,439.78	341.16	468,972.78	645,135.94	
12,142.00	91.78	3.94	10,226.51	2,399.18	2,402.90	-782.60	2,527.13	341.96	469,066.61	645,141.18	
12,237.00	90.51	2.09	10,224.61	2,494.05	2,497.74	-777.61	2,615.98	342.71	469,161.45	645,146.17	
12,331.00	90.02	1.83	10,224.18	2,588.00	2,591.68	-774.39	2,704.90	343.36	469,255.39	645,149.39	
12,426.00	89.19	1.21	10,224.83	2,682.98	2,686.65	-771.87	2,795.33	343.97	469,350.36	645,151.91	
12,520.00	89.54	1.65	10,225.87	2,776.95	2,780.61	-769.53	2,885.13	344.53	469,444.32	645,154.25	
12,614.00	90.02	1.92	10,226.23	2,870.92	2,874.56	-766.60	2,975.03	345.07	469,538.27	645,157.18	
12,708.00	90.20	2.09	10,226.05	2,964.88	2,968.51	-763.31	3,065.07	345.58	469,632.22	645,160.47	
12,803.00	88.53	0.16	10,227.11	3,059.85	3,063.47	-761.45	3,156.69	346.04	469,727.18	645,162.33	
12,898.00	88.92	1.65	10,229.22	3,154.82	3,158.44	-759.95	3,248.57	346.47	469,822.15	645,163.83	
12,992.00	88.97	2.27	10,230.95	3,248.76	3,252.36	-756.73	3,339.24	346.90	469,916.07	645,167.05	
13,087.00	88.75	1.74	10,232.84	3,343.70	3,347.29	-753.41	3,431.03	347.32	470,011.00	645,170.37	
13,181.00	89.89	359.02	10,233.96	3,437.68	3,441.27	-752.79	3,522.64	347.66	470,104.98	645,170.99	
13,275.00	91.78	359.90	10,232.59	3,531.66	3,535.25	-753.67	3,614.69	347.97	470,198.96	645,170.11	
13,369.00	91.74	359.90	10,229.70	3,625.61	3,629.20	-753.84	3,706.67	348.27	470,292.91	645,169.94	
13,464.00	92.44	0.07	10,226.23	3,720.55	3,724.14	-753.86	3,799.67	348.56	470,387.85	645,169.92	
13,559.00	91.03	359.81	10,223.36	3,815.50	3,819.09	-753.96	3,892.81	348.83	470,482.80	645,169.82	
13,653.00	92.26	359.63	10,220.66	3,909.45	3,913.05	-754.42	3,985.11	349.09	470,576.76	645,169.36	
13,747.00	89.10	358.58	10,219.54	4,003.41	4,007.02	-755.89	4,077.69	349.32	470,670.73	645,167.89	
13,842.00	88.75	358.75	10,221.33	4,098.36	4,101.98	-758.10	4,171.44	349.53	470,765.69	645,165.68	
13,937.00	88.04	358.49	10,223.99	4,193.28	4,196.91	-760.39	4,265.24	349.73	470,860.62	645,163.39	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 2H
Wellbore: OH
Design: MWD-101-20302', PTB: 20365'

Local Co-ordinate Reference: Well No. 2H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
14,031.00	88.04	358.84	10,227.20	4,287.19	4,290.83	-762.58	4,358.07	349.92	470,954.54	645,161.20	
14,125.00	90.37	359.37	10,228.51	4,381.16	4,384.80	-764.04	4,450.87	350.12	471,048.51	645,159.74	
14,220.00	89.85	1.13	10,228.32	4,476.15	4,479.80	-763.63	4,544.42	350.33	471,143.51	645,160.15	
14,315.00	92.53	2.62	10,226.35	4,571.08	4,574.72	-760.52	4,637.50	350.56	471,238.43	645,163.26	
14,410.00	93.41	3.24	10,221.43	4,665.85	4,669.46	-755.67	4,730.22	350.81	471,333.17	645,168.11	
14,504.00	93.71	3.41	10,215.59	4,759.54	4,763.12	-750.23	4,821.85	351.05	471,426.83	645,173.55	
14,599.00	90.51	1.04	10,212.09	4,854.40	4,857.97	-746.55	4,915.00	351.26	471,521.68	645,177.23	
14,693.00	90.51	0.25	10,211.26	4,948.39	4,951.96	-745.49	5,007.76	351.44	471,615.67	645,178.29	
14,788.00	93.93	359.98	10,207.58	5,043.31	5,046.87	-745.30	5,101.61	351.60	471,710.58	645,178.48	
14,882.00	94.99	359.55	10,200.27	5,137.02	5,140.59	-745.68	5,194.39	351.75	471,804.30	645,178.10	
14,976.00	92.09	359.11	10,194.47	5,230.81	5,234.39	-746.78	5,287.39	351.88	471,898.10	645,177.00	
15,070.00	92.09	358.31	10,191.04	5,324.71	5,328.30	-748.90	5,380.67	352.00	471,992.01	645,174.88	
15,165.00	92.84	358.14	10,186.95	5,419.57	5,423.17	-751.84	5,475.04	352.11	472,086.88	645,171.94	
15,258.00	92.75	359.55	10,182.42	5,512.42	5,516.04	-753.71	5,567.29	352.22	472,179.75	645,170.07	
15,353.00	89.10	358.23	10,180.88	5,607.37	5,610.99	-755.55	5,661.63	352.33	472,274.70	645,168.23	
15,448.00	87.12	357.61	10,184.02	5,702.23	5,705.87	-758.99	5,756.13	352.42	472,369.58	645,164.79	
15,542.00	88.57	359.02	10,187.55	5,796.10	5,799.76	-761.76	5,849.57	352.52	472,463.47	645,162.02	
15,638.00	89.89	358.75	10,188.84	5,892.06	5,895.73	-763.62	5,944.98	352.62	472,559.44	645,160.16	
15,733.00	90.77	359.63	10,188.29	5,987.04	5,990.72	-764.97	6,039.36	352.72	472,654.43	645,158.81	
15,827.00	91.03	0.34	10,186.82	6,081.03	6,084.70	-764.99	6,132.60	352.83	472,748.41	645,158.79	
15,921.00	91.60	0.51	10,184.66	6,175.01	6,178.68	-764.29	6,225.77	352.95	472,842.39	645,159.49	
16,016.00	91.78	0.34	10,181.86	6,269.96	6,273.63	-763.59	6,319.93	353.06	472,937.34	645,160.19	
16,111.00	92.48	0.78	10,178.33	6,364.90	6,368.56	-762.66	6,414.06	353.17	473,032.27	645,161.12	
16,206.00	89.27	1.65	10,176.88	6,459.86	6,463.51	-760.65	6,508.12	353.29	473,127.22	645,163.13	
16,300.00	93.27	5.35	10,174.79	6,553.65	6,557.28	-754.92	6,600.59	353.43	473,220.99	645,168.86	
16,396.00	90.42	4.47	10,171.70	6,649.28	6,652.87	-746.70	6,694.64	353.60	473,316.58	645,177.08	
16,490.00	89.85	4.12	10,171.48	6,743.04	6,746.60	-739.66	6,787.03	353.74	473,410.31	645,184.12	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 2H
Wellbore: OH
Design: MWD-101-20302', PTB: 20365'

Local Co-ordinate Reference: Well No. 2H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
16,585.00	88.79	1.04	10,172.61	6,837.95	6,841.49	-735.39	6,880.90	353.86	473,505.20	645,188.39	
16,679.00	89.05	0.25	10,174.38	6,931.93	6,935.46	-734.33	6,974.23	353.96	473,599.17	645,189.45	
16,774.00	88.40	0.25	10,176.49	7,026.90	7,030.44	-733.92	7,068.64	354.04	473,694.15	645,189.86	
16,866.00	88.00	0.42	10,179.38	7,118.86	7,122.39	-733.38	7,160.05	354.12	473,786.10	645,190.40	
16,957.00	88.44	359.72	10,182.21	7,209.81	7,213.35	-733.27	7,250.52	354.20	473,877.06	645,190.51	
17,050.00	88.66	358.23	10,184.56	7,302.76	7,306.30	-734.93	7,343.17	354.26	473,970.01	645,188.85	
17,144.00	89.19	359.63	10,186.33	7,396.71	7,400.26	-736.69	7,436.84	354.32	474,063.97	645,187.09	
17,238.00	89.93	0.25	10,187.05	7,490.71	7,494.26	-736.78	7,530.39	354.39	474,157.97	645,187.00	
17,332.00	88.92	359.90	10,187.99	7,584.70	7,588.25	-736.66	7,623.93	354.46	474,251.96	645,187.12	
17,426.00	89.36	0.16	10,189.40	7,678.69	7,682.24	-736.61	7,717.48	354.52	474,345.95	645,187.17	
17,522.00	89.23	0.25	10,190.59	7,774.68	7,778.24	-736.27	7,813.00	354.59	474,441.95	645,187.51	
17,617.00	89.76	359.46	10,191.42	7,869.67	7,873.23	-736.51	7,907.60	354.66	474,536.94	645,187.27	
17,712.00	90.29	359.55	10,191.38	7,964.66	7,968.23	-737.33	8,002.27	354.71	474,631.94	645,186.45	
17,807.00	88.53	0.60	10,192.36	8,059.65	8,063.22	-737.21	8,096.85	354.78	474,726.93	645,186.57	
17,902.00	88.88	359.90	10,194.51	8,154.63	8,158.19	-736.79	8,191.39	354.84	474,821.90	645,186.99	
17,997.00	88.22	359.02	10,196.91	8,249.59	8,253.15	-737.69	8,286.06	354.89	474,916.86	645,186.09	
18,091.00	88.70	359.37	10,199.44	8,343.54	8,347.11	-739.01	8,379.76	354.94	475,010.82	645,184.77	
18,186.00	88.48	359.37	10,201.77	8,438.50	8,442.08	-740.05	8,474.45	354.99	475,105.79	645,183.73	
18,280.00	89.45	359.19	10,203.47	8,532.46	8,536.05	-741.23	8,568.17	355.04	475,199.76	645,182.55	
18,375.00	88.48	359.90	10,205.19	8,627.44	8,631.03	-741.99	8,662.87	355.09	475,294.74	645,181.79	
18,469.00	89.45	0.78	10,206.89	8,721.42	8,725.01	-741.43	8,756.46	355.14	475,388.72	645,182.35	
18,564.00	90.33	1.65	10,207.07	8,816.41	8,819.99	-739.41	8,850.93	355.21	475,483.70	645,184.37	
18,659.00	89.01	1.13	10,207.62	8,911.39	8,914.96	-737.11	8,945.38	355.27	475,578.67	645,186.67	
18,752.00	88.88	359.63	10,209.33	9,004.37	9,007.94	-736.49	9,037.99	355.33	475,671.65	645,187.29	
18,846.00	88.70	359.81	10,211.31	9,098.34	9,101.91	-736.95	9,131.70	355.37	475,765.62	645,186.83	
18,942.00	88.53	359.81	10,213.63	9,194.31	9,197.89	-737.27	9,227.39	355.42	475,861.60	645,186.51	
19,036.00	88.70	0.42	10,215.91	9,288.28	9,291.86	-737.08	9,321.05	355.46	475,955.57	645,186.70	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 2H
Wellbore: OH
Design: MWD-101-20302', PTB: 20365'

Local Co-ordinate Reference: Well No. 2H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
19,131.00	87.65	359.72	10,218.93	9,383.23	9,386.81	-736.97	9,415.69	355.51	476,050.52	645,186.81	
19,226.00	87.34	0.16	10,223.08	9,478.14	9,481.72	-737.06	9,510.32	355.56	476,145.43	645,186.72	
19,321.00	90.11	1.39	10,225.20	9,573.10	9,576.67	-735.78	9,604.90	355.61	476,240.38	645,188.00	
19,416.00	90.77	1.39	10,224.47	9,668.08	9,671.64	-733.48	9,699.41	355.66	476,335.35	645,190.30	
19,511.00	91.03	1.74	10,222.97	9,763.04	9,766.59	-730.88	9,793.90	355.72	476,430.30	645,192.90	
19,606.00	91.87	1.83	10,220.57	9,857.98	9,861.52	-727.92	9,888.35	355.78	476,525.23	645,195.86	
19,700.00	91.74	1.92	10,217.61	9,951.89	9,955.42	-724.85	9,981.77	355.84	476,619.13	645,198.93	
19,794.00	88.66	359.19	10,217.28	10,045.87	10,049.40	-723.94	10,075.44	355.88	476,713.11	645,199.84	
19,889.00	87.74	359.72	10,220.27	10,140.81	10,144.34	-724.84	10,170.21	355.91	476,808.05	645,198.94	
19,984.00	88.92	0.51	10,223.03	10,235.77	10,239.30	-724.65	10,264.91	355.95	476,903.01	645,199.13	
20,078.00	90.51	1.65	10,223.50	10,329.76	10,333.28	-722.88	10,358.53	356.00	476,996.99	645,200.90	
20,173.00	89.58	0.86	10,223.43	10,424.74	10,428.25	-720.80	10,453.13	356.05	477,091.96	645,202.98	
20,267.00	89.63	0.95	10,224.08	10,518.73	10,522.24	-719.31	10,546.80	356.09	477,185.95	645,204.47	
20,302.00	89.63	1.04	10,224.30	10,553.73	10,557.23	-718.71	10,581.67	356.11	477,220.94	645,205.07	
Last Survey: 20302' MD											
20,365.00	89.63	1.04	10,224.71	10,616.72	10,620.22	-717.56	10,644.43	356.13	477,283.93	645,206.22	
PTB: 20365' MD											

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
418.00	417.99	0.58	-2.31	Pro MWD First Survey: 418' MD
20,302.00	10,224.30	10,557.23	-718.71	Last Survey: 20302' MD
20,365.00	10,224.71	10,620.22	-717.56	PTB: 20365' MD

Well Name: BLUE STEEL 21 WA FEE	Well Location: T23S / R29E / SEC 28 / NWNW / 32.2824792 / -103.9949044	County or Parish/State: EDDY / NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM086024, NMNM86024	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546069	Well Status: Approved Application for Permit to Drill	Operator: MARATHON OIL PERMIAN LLC

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 02/22/2021	Time Sundry Submitted: 09:52
Date Operation Actually Began: 11/03/2020	
Actual Procedure: Updating sundry to include PBTD and start of production 11/03/2020 Started Frac Prep operations. 11/07/2020 Start frac stages 1-39 with 2 shots per foot for a total of 1,088 shots, 0.34-in. in size using 28,374,600 lbs of 40/70; 100 Mesh. Stimulated with 1,607 bbls of 15% HCL acid. Total interval from 10,343 to 20,145. PBTD at 20268'. 11/21/2020 - Ready to produce. 12/17/2020 - Start Production. Request for OCD extension of time to file BLM- approved Form 3160-4 and tubing exception.	

Operator Certification

I certify that the foregoing is true and correct. 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 to 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 Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: COVARRUBIAS	Signed on: FEB 22, 2021 09:52 AM
Name: MARATHON OIL PERMIAN LLC	
Title: regulatory Compliance Representative	
Street Address: 5555 San Felipe St.	
City: Houston	State: TX
Phone: (713) 629-6600	
Email address: NOT ENTERED	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

Well Name: BLUE STEEL 21 WA FEE	Well Location: T23S / R29E / SEC 28 / NWNW / 32.2824792 / -103.9949044	County or Parish/State: EDDY / NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM086024, NMNM86024	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546069	Well Status: Approved Application for Permit to Drill	Operator: MARATHON OIL PERMIAN LLC

BLM Point of Contact

BLM POC Name: Jonathon W Shepard

BLM POC Phone: 5752345972

Disposition: Accepted

Signature: Jonathon Shepard

BLM POC Title: Petroleum Engineer

BLM POC Email Address: jshepard@blm.gov

Disposition Date: 02/24/2021

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 19286

CONDITIONS OF APPROVAL

Operator: MARATHON OIL PERMIAN LLC 5555 San Felipe St. Permian Regulatory Team Houston, TX77056		OGRID: 372098	Action Number: 19286	Action Type: C-104C
OCD Reviewer ksimmons		Condition None		