

DISTRICT I

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 990 Town & Country Blvd. Houston, TX 77024		² OGRID Number 372098
		³ Reason for Filing Code/ Effective Date NW / Effective 10/13/2022
⁴ API Number 30 - 025-46794	⁵ Pool Name Red Hills; Bone Spring (East)	⁶ Pool Code 97369
⁷ Property Code 322430	⁸ Property Name Ender Wiggins 14 TB Federal Com	⁹ Well Number 11H

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
F	14	25S	34E		2451	NORTH	1765	WEST	LEA

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
B	11	25S	34E		114	NORTH	2182	EAST	LEA
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				
F	F								

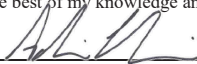
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371960	Lucid Energy Delaware, LLC G 201 S Fourth Street P.O. Box 158, Artesia, NM 88210	G
329971	Oryx Delaware Oil Transport LLC 4000 N Big Spring St. Suite 500, Midland, TX 79705	O
371643	Solaris Water Midstream, LLC 97 Tradewinds Blvd, Suite B, Midland, TX 79706	W

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTB	²⁵ Perforations	²⁶ DHC, MC
4/9/2022	10/8/2022	19975'	19955'	12508' - 19911'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8", 54.4#, J55, BTC	1002'	Lead: 495 sacks, 2.14 yield, Class A Tail: 235 sacks, 1.32 yield, Class A		
12-1/4"	9-5/8", 40#, P110, BTC	11721'	Lead: 1380 sacks, 4.71 yield, Class C Tail: 230 sacks, 1.39 yield, Class C		
8-3/4"	5-1/2", 23#, P110, TLW	19960'	Lead: 1950 sacks, 1.61, Class H Tail: 1900 sacks, 1.49 yield, Class H		

V. Well Test Data

³¹ Date New Oil 10/14/2022	³² Gas Delivery Date 10/14/2022	³³ Test Date 10/29/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1680
³⁷ Choke Size 42/44	³⁸ Oil 1722	³⁹ Water 5102	⁴⁰ Gas 3125		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: PATRICIA MARTINEZ		
Title: Adv. Regulatory Compliance Representative			Title: PETROLEUM SPECIALIST		
E-mail Address: acovarrubias@marathonoil.com			Approval Date: 8/10/2023		
Date: 4/4/2023		Phone: 713-296-3368			

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

Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☒ AMENDED REPORT
As-Drilled

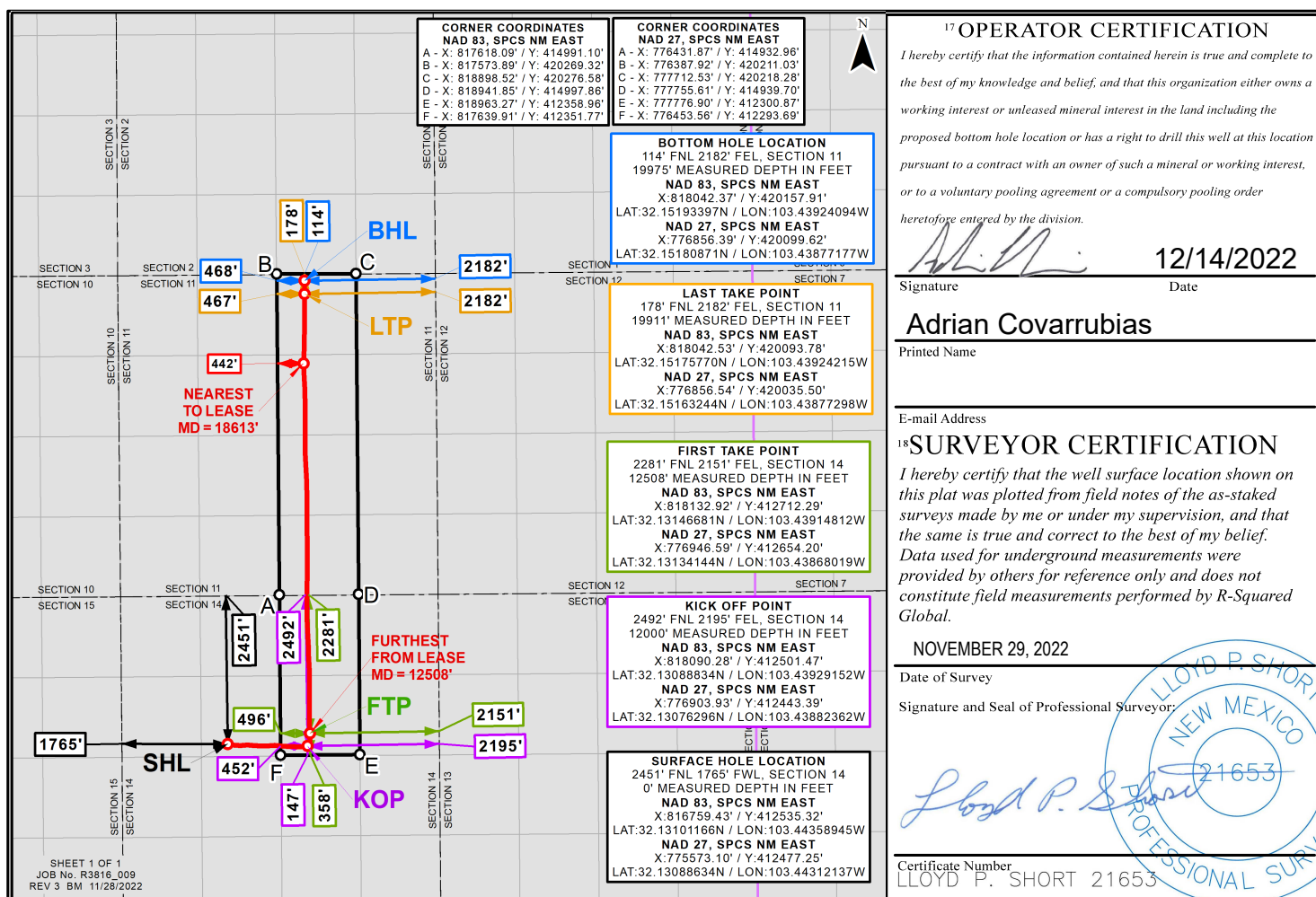
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-025-46794	² Pool Code 97369	³ Pool Name RED HILLS; BONE SPRING (EAST)
⁴ Property Code 322430	Property Name ENDER WIGGINS 14 TB FED COM	⁶ Well Number 11H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC.	⁹ Elevation 3332'

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
F	14	25S	34E		2451	NORTH	1765	WEST	LEA
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
B	11	25S	34E		114	NORTH	2182	EAST	LEA
¹² Dedicated Acres 240.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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: 0.99985058 Convergence Angle: 00°28'24.77529"



MARATHON OIL COMPANY

Lea County, NM (NAD27)

Ender Wiggins Pad (Grid)

Ender Wiggins 14 TB Fed Com 11H

Wellbore #1

Design: Final Surveys

Standard Survey Report

29 June, 2022





Survey Report



Company:	MARATHON OIL COMPANY	Local Co-ordinate Reference:	Well Ender Wiggins 14 TB Fed Com 11H
Project:	Lea County, NM (NAD27)	TVD Reference:	RKB @ 3358.50usft (Precision 101)
Site:	Ender Wiggins Pad (Grid)	MD Reference:	RKB @ 3358.50usft (Precision 101)
Well:	Ender Wiggins 14 TB Fed Com 11H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	1 - EDM Production

Project	Lea County, NM (NAD27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Ender Wiggins Pad (Grid)		
Site Position:		Northing:	412,477.24 usft
From:	Map	Easting:	775,543.11 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.13088700
		Longitude:	-103.44321825

Well	Ender Wiggins 14 TB Fed Com 11H		
Well Position	+N/-S	0.00 usft	Northing: 412,477.25 usft
	+E/-W	0.00 usft	Easting: 775,573.10 usft
Position Uncertainty	0.50 usft	Wellhead Elevation:	usft
Grid Convergence:	0.47 °	Ground Level:	3,332.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	5/1/2022	6.32	59.74	47,517.00000000

Design	Final Surveys				
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	359.54	

Survey Program	Date	6/29/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
227.00	19,975.00	MWD (Wellbore #1)	MWD+HRGM	OWSG MWD + HRGM	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
227.00	0.40	193.37	227.00	-0.77	-0.18	-0.77	0.18	0.18	0.00	
First SB MWD Survey										
319.00	0.42	184.94	319.00	-1.42	-0.29	-1.42	0.07	0.02	-9.16	
409.00	0.45	195.63	408.99	-2.09	-0.41	-2.08	0.10	0.03	11.88	
499.00	0.42	193.93	498.99	-2.75	-0.58	-2.74	0.04	-0.03	-1.89	
597.00	0.41	202.72	596.99	-3.42	-0.81	-3.41	0.07	-0.01	8.97	
700.00	0.32	193.99	699.99	-4.04	-1.02	-4.03	0.10	-0.09	-8.48	
794.00	0.45	183.39	793.98	-4.66	-1.10	-4.65	0.16	0.14	-11.28	
889.00	0.38	214.62	888.98	-5.29	-1.30	-5.28	0.25	-0.07	32.87	



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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	1 - EDM Production

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
952.00	0.32	195.61	951.98	-5.64	-1.47	-5.62	0.21	-0.10	-30.17
1,065.00	0.12	213.14	1,064.98	-6.04	-1.62	-6.03	0.18	-0.18	15.51
1,160.00	0.56	222.90	1,159.98	-6.46	-1.99	-6.45	0.47	0.46	10.27
1,253.00	1.35	162.64	1,252.97	-7.84	-1.97	-7.82	1.27	0.85	-64.80
1,348.00	1.96	127.93	1,347.93	-9.91	-0.36	-9.90	1.21	0.64	-36.54
1,443.00	3.73	104.16	1,442.81	-11.66	3.92	-11.69	2.20	1.86	-25.02
1,538.00	5.14	102.86	1,537.52	-13.37	11.07	-13.45	1.49	1.48	-1.37
1,631.00	6.66	90.02	1,630.03	-14.29	20.52	-14.46	2.15	1.63	-13.81
1,726.00	7.49	87.72	1,724.31	-14.05	32.22	-14.31	0.92	0.87	-2.42
1,821.00	8.04	94.77	1,818.44	-14.36	45.02	-14.72	1.16	0.58	7.42
1,916.00	8.13	94.66	1,912.49	-15.45	58.34	-15.92	0.10	0.09	-0.12
2,010.00	8.31	96.30	2,005.53	-16.74	71.72	-17.32	0.31	0.19	1.74
2,105.00	8.70	96.47	2,099.48	-18.30	85.68	-18.99	0.41	0.41	0.18
2,198.00	8.91	93.15	2,191.39	-19.49	99.86	-20.29	0.59	0.23	-3.57
2,293.00	8.89	93.04	2,285.24	-20.29	114.54	-21.20	0.03	-0.02	-0.12
2,387.00	9.09	92.85	2,378.09	-21.04	129.21	-22.08	0.22	0.21	-0.20
2,482.00	9.47	93.73	2,471.85	-21.92	144.50	-23.08	0.43	0.40	0.93
2,576.00	9.30	95.88	2,564.59	-23.20	159.77	-24.48	0.41	-0.18	2.29
2,671.00	9.44	95.14	2,658.32	-24.69	175.17	-26.09	0.19	0.15	-0.78
2,765.00	9.67	91.49	2,751.02	-25.58	190.74	-27.11	0.69	0.24	-3.88
2,860.00	9.00	88.94	2,844.76	-25.65	206.14	-27.31	0.83	-0.71	-2.68
2,954.00	9.17	88.89	2,937.58	-25.37	220.98	-27.14	0.18	0.18	-0.05
3,049.00	9.44	86.74	3,031.33	-24.78	236.33	-26.68	0.46	0.28	-2.26
3,142.00	9.78	85.72	3,123.03	-23.76	251.82	-25.78	0.41	0.37	-1.10
3,237.00	10.30	83.75	3,216.57	-22.23	268.31	-24.39	0.66	0.55	-2.07
3,332.00	9.40	84.85	3,310.17	-20.61	284.48	-22.89	0.97	-0.95	1.16
3,426.00	9.16	86.49	3,402.94	-19.46	299.59	-21.87	0.38	-0.26	1.74
3,521.00	7.91	86.53	3,496.88	-18.60	313.66	-21.12	1.32	-1.32	0.04
3,615.00	8.43	84.57	3,589.93	-17.56	326.98	-20.19	0.63	0.55	-2.09
3,710.00	8.21	91.41	3,683.93	-17.07	340.69	-19.80	1.07	-0.23	7.20
3,805.00	7.89	98.87	3,778.00	-18.24	353.92	-21.08	1.15	-0.34	7.85
3,900.00	8.46	96.91	3,872.03	-20.09	367.30	-23.04	0.67	0.60	-2.06
3,994.00	8.16	94.59	3,965.05	-21.45	380.81	-24.51	0.48	-0.32	-2.47
4,089.00	8.69	96.28	4,059.02	-22.78	394.67	-25.95	0.62	0.56	1.78
4,183.00	8.71	95.57	4,151.94	-24.25	408.81	-27.53	0.12	0.02	-0.76
4,278.00	8.70	94.90	4,245.85	-25.56	423.13	-28.95	0.11	-0.01	-0.71
4,372.00	8.49	92.76	4,338.79	-26.50	437.14	-30.01	0.41	-0.22	-2.28
4,467.00	7.69	92.05	4,432.84	-27.06	450.50	-30.68	0.85	-0.84	-0.75
4,561.00	8.04	92.54	4,525.96	-27.58	463.35	-31.30	0.38	0.37	0.52
4,655.00	8.18	95.63	4,619.02	-28.53	476.57	-32.35	0.49	0.15	3.29
4,750.00	8.41	96.28	4,713.03	-29.95	490.20	-33.89	0.26	0.24	0.68
4,845.00	7.50	94.78	4,807.11	-31.23	503.29	-35.27	0.98	-0.96	-1.58
4,939.00	7.79	94.23	4,900.28	-32.21	515.75	-36.35	0.32	0.31	-0.59



Survey Report



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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
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Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,034.00	8.22	95.79	4,994.35	-33.37	528.93	-37.61	0.51	0.45	1.64	
5,129.00	8.59	90.14	5,088.33	-34.07	542.78	-38.43	0.95	0.39	-5.95	
5,224.00	8.23	88.07	5,182.31	-33.86	556.67	-38.33	0.50	-0.38	-2.18	
5,318.00	8.00	89.00	5,275.37	-33.52	569.94	-38.09	0.28	-0.24	0.99	
5,413.00	7.78	88.96	5,369.47	-33.29	582.98	-37.97	0.23	-0.23	-0.04	
5,508.00	7.80	89.03	5,463.59	-33.06	595.85	-37.84	0.02	0.02	0.07	
5,604.00	7.88	88.47	5,558.69	-32.77	608.94	-37.66	0.12	0.08	-0.58	
5,698.00	8.04	88.43	5,651.79	-32.42	621.95	-37.41	0.17	0.17	-0.04	
5,793.00	8.02	88.63	5,745.86	-32.08	635.22	-37.18	0.04	-0.02	0.21	
5,888.00	7.86	88.59	5,839.95	-31.76	648.34	-36.97	0.17	-0.17	-0.04	
5,983.00	7.66	88.23	5,934.08	-31.41	661.16	-36.72	0.22	-0.21	-0.38	
6,077.00	7.53	87.28	6,027.25	-30.92	673.58	-36.33	0.19	-0.14	-1.01	
6,172.00	7.34	87.75	6,121.45	-30.39	685.86	-35.89	0.21	-0.20	0.49	
6,267.00	7.25	85.61	6,215.68	-29.69	697.90	-35.29	0.30	-0.09	-2.25	
6,362.00	6.98	85.25	6,309.95	-28.76	709.63	-34.45	0.29	-0.28	-0.38	
6,457.00	7.19	86.45	6,404.23	-27.91	721.31	-33.70	0.27	0.22	1.26	
6,552.00	8.27	86.80	6,498.36	-27.16	734.07	-33.05	1.14	1.14	0.37	
6,647.00	7.93	85.75	6,592.42	-26.29	747.43	-32.29	0.39	-0.36	-1.11	
6,742.00	7.91	86.76	6,686.51	-25.44	760.49	-31.54	0.15	-0.02	1.06	
6,837.00	7.67	86.12	6,780.63	-24.64	773.34	-30.85	0.27	-0.25	-0.67	
6,932.00	7.80	91.54	6,874.77	-24.38	786.11	-30.69	0.78	0.14	5.71	
7,026.00	7.88	95.13	6,967.89	-25.13	798.90	-31.54	0.53	0.09	3.82	
7,121.00	7.73	95.14	7,062.01	-26.29	811.75	-32.80	0.16	-0.16	0.01	
7,216.00	7.53	94.01	7,156.17	-27.29	824.33	-33.91	0.26	-0.21	-1.19	
7,310.00	7.39	93.20	7,249.37	-28.06	836.51	-34.78	0.19	-0.15	-0.86	
7,404.00	7.46	93.55	7,342.59	-28.78	848.63	-35.59	0.09	0.07	0.37	
7,499.00	7.91	97.00	7,436.73	-29.95	861.28	-36.87	0.68	0.47	3.63	
7,594.00	7.80	97.13	7,530.84	-31.55	874.16	-38.57	0.12	-0.12	0.14	
7,631.00	8.12	96.60	7,567.49	-32.16	879.25	-39.22	0.89	0.87	-1.43	
SL Crossing: 151' FSL, 0' FWL										
7,688.00	8.62	95.86	7,623.88	-33.06	887.50	-40.19	0.89	0.87	-1.30	
7,783.00	8.81	94.53	7,717.78	-34.36	901.83	-41.60	0.29	0.20	-1.40	
7,877.00	8.55	94.81	7,810.70	-35.52	915.97	-42.87	0.28	-0.28	0.30	
7,972.00	8.10	94.59	7,904.70	-36.65	929.68	-44.11	0.47	-0.47	-0.23	
8,067.00	7.82	94.51	7,998.79	-37.69	942.79	-45.26	0.29	-0.29	-0.08	
8,161.00	7.29	93.67	8,091.97	-38.57	955.12	-46.24	0.58	-0.56	-0.89	
8,256.00	6.83	93.82	8,186.25	-39.34	966.77	-47.10	0.48	-0.48	0.16	
8,350.00	6.36	94.40	8,279.63	-40.11	977.54	-47.96	0.50	-0.50	0.62	
8,444.00	5.94	97.15	8,373.09	-41.11	987.56	-49.04	0.55	-0.45	2.93	
8,538.00	6.63	92.22	8,466.52	-41.93	997.81	-49.94	0.93	0.73	-5.24	
8,633.00	7.55	90.30	8,560.80	-42.17	1,009.53	-50.28	1.00	0.97	-2.02	
8,728.00	8.32	91.07	8,654.88	-42.34	1,022.64	-50.54	0.82	0.81	0.81	
8,823.00	8.01	92.24	8,748.92	-42.72	1,036.13	-51.04	0.37	-0.33	1.23	
8,918.00	8.30	92.68	8,842.96	-43.30	1,049.59	-51.73	0.31	0.31	0.46	



Survey Report



Company:	MARATHON OIL COMPANY	Local Co-ordinate Reference:	Well Ender Wiggins 14 TB Fed Com 11H
Project:	Lea County, NM (NAD27)	TVD Reference:	RKB @ 3358.50usft (Precision 101)
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Design:	Final Surveys	Database:	1 - EDM Production

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,013.00	8.20	91.63	8,936.98	-43.82	1,063.21	-52.35	0.19	-0.11	-1.11
9,108.00	7.56	91.46	9,031.08	-44.17	1,076.23	-52.81	0.67	-0.67	-0.18
9,202.00	7.06	91.37	9,124.32	-44.46	1,088.19	-53.20	0.53	-0.53	-0.10
9,298.00	7.56	90.58	9,219.54	-44.67	1,100.40	-53.50	0.53	0.52	-0.82
9,392.00	7.31	90.31	9,312.75	-44.76	1,112.56	-53.69	0.27	-0.27	-0.29
9,488.00	7.28	92.41	9,407.97	-45.05	1,124.75	-54.08	0.28	-0.03	2.19
9,582.00	7.91	93.20	9,501.14	-45.66	1,137.16	-54.79	0.68	0.67	0.84
9,677.00	7.45	92.01	9,595.29	-46.24	1,149.84	-55.47	0.51	-0.48	-1.25
9,771.00	7.77	92.79	9,688.46	-46.77	1,162.28	-56.10	0.36	0.34	0.83
9,868.00	7.94	92.32	9,784.55	-47.36	1,175.52	-56.79	0.19	0.18	-0.48
9,963.00	7.68	93.07	9,878.67	-47.96	1,188.41	-57.50	0.29	-0.27	0.79
10,058.00	7.43	90.50	9,972.85	-48.36	1,200.90	-58.00	0.44	-0.26	-2.71
10,124.00	7.23	90.07	10,038.31	-48.40	1,209.31	-58.11	0.32	-0.31	-0.64
HL Crossing: 133' FSL, 330' FWL									
10,153.00	7.14	89.88	10,067.08	-48.40	1,212.94	-58.13	0.32	-0.30	-0.67
10,248.00	6.60	88.22	10,161.40	-48.22	1,224.30	-58.04	0.61	-0.57	-1.75
10,342.00	6.69	89.72	10,254.77	-48.02	1,235.18	-57.94	0.21	0.10	1.60
10,437.00	6.40	87.80	10,349.15	-47.79	1,246.00	-57.79	0.38	-0.31	-2.02
10,532.00	5.83	90.52	10,443.61	-47.63	1,256.12	-57.71	0.67	-0.60	2.86
10,627.00	5.26	84.04	10,538.16	-47.22	1,265.27	-57.38	0.89	-0.60	-6.82
10,722.00	4.47	81.40	10,632.82	-46.22	1,273.26	-56.44	0.86	-0.83	-2.78
10,816.00	4.16	84.81	10,726.55	-45.36	1,280.28	-55.64	0.43	-0.33	3.63
10,910.00	3.55	86.05	10,820.34	-44.85	1,286.58	-55.18	0.65	-0.65	1.32
11,005.00	3.22	87.81	10,915.17	-44.55	1,292.18	-54.92	0.36	-0.35	1.85
11,099.00	2.74	86.43	11,009.05	-44.31	1,297.06	-54.72	0.52	-0.51	-1.47
11,194.00	2.80	86.84	11,103.94	-44.04	1,301.64	-54.49	0.07	0.06	0.43
11,289.00	2.40	74.82	11,198.84	-43.39	1,305.88	-53.87	0.71	-0.42	-12.65
11,384.00	1.66	82.30	11,293.78	-42.68	1,309.16	-53.19	0.83	-0.78	7.87
11,478.00	1.82	82.85	11,387.74	-42.32	1,312.00	-52.85	0.17	0.17	0.59
11,573.00	1.99	70.42	11,482.68	-41.57	1,315.05	-52.13	0.47	0.18	-13.08
11,782.00	2.57	68.35	11,691.52	-38.63	1,322.82	-49.25	0.28	0.28	-0.99
11,877.00	2.43	58.88	11,786.43	-36.80	1,326.52	-47.45	0.46	-0.15	-9.97
11,972.00	1.83	67.32	11,881.36	-35.18	1,329.65	-45.85	0.71	-0.63	8.88
12,067.00	5.75	34.23	11,976.14	-30.66	1,333.73	-41.36	4.56	4.13	-34.83
12,114.00	9.80	29.18	12,022.70	-25.21	1,337.00	-35.95	8.73	8.62	-10.74
12,161.00	14.77	28.24	12,068.61	-16.44	1,341.79	-27.21	10.58	10.57	-2.00
12,208.00	22.07	25.51	12,113.17	-3.17	1,348.44	-14.00	15.64	15.53	-5.81
12,257.00	27.34	25.09	12,157.67	15.34	1,357.18	4.44	10.76	10.76	-0.86
12,304.00	32.35	16.94	12,198.44	37.16	1,365.43	26.20	13.69	10.66	-17.34
12,351.00	37.78	9.79	12,236.92	63.41	1,371.55	52.40	14.47	11.55	-15.21
12,398.00	42.42	4.11	12,272.87	93.44	1,375.13	82.39	12.56	9.87	-12.09
12,445.00	47.58	359.50	12,306.10	126.63	1,376.12	115.57	12.98	10.98	-9.81
12,492.00	55.19	355.98	12,335.42	163.28	1,374.61	152.24	17.21	16.19	-7.49



Survey Report



Company:	MARATHON OIL COMPANY	Local Co-ordinate Reference:	Well Ender Wiggins 14 TB Fed Com 11H
Project:	Lea County, NM (NAD27)	TVD Reference:	RKB @ 3358.50usft (Precision 101)
Site:	Ender Wiggins Pad (Grid)	MD Reference:	RKB @ 3358.50usft (Precision 101)
Well:	Ender Wiggins 14 TB Fed Com 11H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	1 - EDM Production

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,540.00	63.20	354.75	12,359.98	204.34	1,371.27	193.32	16.83	16.69	-2.56
12,587.00	68.85	355.50	12,379.07	247.11	1,367.62	236.12	12.11	12.02	1.60
12,635.00	73.91	356.58	12,394.39	292.48	1,364.49	281.51	10.75	10.54	2.25
12,682.00	79.33	358.42	12,405.26	338.14	1,362.51	327.19	12.14	11.53	3.91
12,729.00	83.19	0.43	12,412.40	384.58	1,362.04	373.63	9.24	8.21	4.28
12,751.00	84.42	0.68	12,414.78	406.45	1,362.26	395.50	5.70	5.59	1.14
12,846.00	87.06	0.32	12,421.83	501.17	1,363.08	490.21	2.80	2.78	-0.38
12,941.00	89.83	0.11	12,424.41	596.13	1,363.44	585.16	2.92	2.92	-0.22
13,035.00	90.92	0.25	12,423.80	690.12	1,363.73	679.15	1.17	1.16	0.15
13,130.00	91.68	359.70	12,421.64	785.10	1,363.69	774.13	0.99	0.80	-0.58
13,225.00	92.74	359.77	12,417.98	880.03	1,363.25	869.05	1.12	1.12	0.07
13,319.00	92.58	359.48	12,413.62	973.92	1,362.64	962.95	0.35	-0.17	-0.31
13,414.00	91.20	359.46	12,410.48	1,068.86	1,361.76	1,057.90	1.45	-1.45	-0.02
13,509.00	90.08	358.41	12,409.42	1,163.84	1,359.99	1,152.88	1.62	-1.18	-1.11
13,603.00	90.22	357.52	12,409.18	1,257.78	1,356.66	1,246.85	0.96	0.15	-0.95
13,698.00	88.63	357.94	12,410.13	1,352.70	1,352.89	1,341.79	1.73	-1.67	0.44
13,791.00	88.96	357.97	12,412.09	1,445.62	1,349.58	1,434.73	0.36	0.35	0.03
13,886.00	89.47	357.90	12,413.39	1,540.55	1,346.15	1,529.69	0.54	0.54	-0.07
13,981.00	89.44	357.50	12,414.29	1,635.46	1,342.34	1,624.64	0.42	-0.03	-0.42
14,075.00	88.85	355.78	12,415.69	1,729.29	1,336.83	1,718.50	1.93	-0.63	-1.83
14,169.00	90.28	357.59	12,416.41	1,823.12	1,331.40	1,812.37	2.45	1.52	1.93
14,264.00	91.37	357.90	12,415.04	1,918.04	1,327.66	1,907.32	1.19	1.15	0.33
14,359.00	92.44	358.19	12,411.88	2,012.93	1,324.42	2,002.23	1.17	1.13	0.31
14,453.00	91.18	0.14	12,408.91	2,106.86	1,323.05	2,096.17	2.47	-1.34	2.07
14,547.00	90.95	0.37	12,407.16	2,200.85	1,323.47	2,190.15	0.35	-0.24	0.24
14,642.00	91.65	0.07	12,405.01	2,295.82	1,323.84	2,285.12	0.80	0.74	-0.32
14,737.00	92.38	359.75	12,401.67	2,390.76	1,323.69	2,380.06	0.84	0.77	-0.34
14,804.00	93.23	0.06	12,398.39	2,457.68	1,323.58	2,446.98	1.36	1.27	0.46
SL Crossing: 0' FNL, 465' FWL									
14,832.00	93.59	0.19	12,396.72	2,485.63	1,323.64	2,474.92	1.36	1.27	0.46
14,926.00	94.45	0.26	12,390.13	2,579.40	1,324.00	2,568.69	0.92	0.91	0.07
15,021.00	93.87	0.28	12,383.24	2,674.15	1,324.45	2,663.43	0.61	-0.61	0.02
15,115.00	93.56	0.15	12,377.15	2,767.95	1,324.80	2,757.22	0.36	-0.33	-0.14
15,210.00	91.62	0.27	12,372.86	2,862.85	1,325.15	2,852.11	2.05	-2.04	0.13
15,304.00	89.33	359.80	12,372.08	2,956.84	1,325.21	2,946.10	2.49	-2.44	-0.50
15,399.00	91.26	359.98	12,371.59	3,051.83	1,325.03	3,041.09	2.04	2.03	0.19
15,494.00	90.84	0.03	12,369.85	3,146.81	1,325.03	3,136.07	0.45	-0.44	0.05
15,588.00	88.88	359.77	12,370.08	3,240.81	1,324.87	3,230.07	2.10	-2.09	-0.28
15,683.00	89.72	359.85	12,371.24	3,335.80	1,324.55	3,325.06	0.89	0.88	0.08
15,777.00	89.75	359.39	12,371.67	3,429.80	1,323.93	3,419.06	0.49	0.03	-0.49
15,871.00	90.90	0.02	12,371.14	3,523.79	1,323.45	3,513.05	1.39	1.22	0.67
15,965.00	91.12	359.98	12,369.48	3,617.78	1,323.45	3,607.04	0.24	0.23	-0.04
16,060.00	89.89	359.81	12,368.65	3,712.77	1,323.27	3,702.03	1.31	-1.29	-0.18
16,155.00	90.17	359.98	12,368.60	3,807.77	1,323.10	3,797.03	0.34	0.29	0.18



Survey Report



Company:	MARATHON OIL COMPANY	Local Co-ordinate Reference:	Well Ender Wiggins 14 TB Fed Com 11H
Project:	Lea County, NM (NAD27)	TVD Reference:	RKB @ 3358.50usft (Precision 101)
Site:	Ender Wiggins Pad (Grid)	MD Reference:	RKB @ 3358.50usft (Precision 101)
Well:	Ender Wiggins 14 TB Fed Com 11H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	1 - EDM Production

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,249.00	89.36	359.56	12,368.98	3,901.77	1,322.72	3,891.02	0.97	-0.86	-0.45
16,343.00	89.78	359.40	12,369.69	3,995.76	1,321.87	3,985.02	0.48	0.45	-0.17
16,437.00	89.97	358.90	12,369.89	4,089.75	1,320.47	4,079.02	0.57	0.20	-0.53
16,531.00	89.16	358.39	12,370.61	4,183.72	1,318.25	4,173.00	1.02	-0.86	-0.54
16,626.00	86.83	357.59	12,373.93	4,278.60	1,314.92	4,267.90	2.59	-2.45	-0.84
16,720.00	87.39	356.97	12,378.67	4,372.37	1,310.47	4,361.71	0.89	0.60	-0.66
16,815.00	87.56	357.23	12,382.85	4,467.16	1,305.67	4,456.53	0.33	0.18	0.27
16,910.00	89.61	356.87	12,385.20	4,562.00	1,300.78	4,551.41	2.19	2.16	-0.38
17,005.00	90.14	357.52	12,385.41	4,656.88	1,296.13	4,646.33	0.88	0.56	0.68
17,099.00	89.89	358.96	12,385.38	4,750.84	1,293.24	4,740.30	1.55	-0.27	1.53
17,194.00	89.64	359.39	12,385.77	4,845.82	1,291.87	4,835.30	0.52	-0.26	0.45
17,288.00	89.58	359.51	12,386.41	4,939.82	1,290.97	4,929.29	0.14	-0.06	0.13
17,383.00	89.61	0.50	12,387.08	5,034.81	1,290.98	5,024.29	1.04	0.03	1.04
17,478.00	90.28	0.87	12,387.17	5,129.81	1,292.12	5,119.27	0.81	0.71	0.39
17,572.00	89.38	0.25	12,387.45	5,223.80	1,293.03	5,213.25	1.16	-0.96	-0.66
17,667.00	88.21	359.60	12,389.45	5,318.78	1,292.91	5,308.23	1.41	-1.23	-0.68
17,761.00	87.90	0.21	12,392.64	5,412.72	1,292.75	5,402.17	0.73	-0.33	0.65
17,856.00	86.50	359.13	12,397.28	5,507.60	1,292.21	5,497.05	1.86	-1.47	-1.14
17,950.00	86.36	358.78	12,403.14	5,601.41	1,290.50	5,590.86	0.40	-0.15	-0.37
18,044.00	87.09	358.03	12,408.51	5,695.21	1,287.89	5,684.69	1.11	0.78	-0.80
18,139.00	87.84	357.80	12,412.71	5,790.06	1,284.43	5,779.56	0.83	0.79	-0.24
18,234.00	88.96	357.45	12,415.36	5,884.94	1,280.50	5,874.47	1.24	1.18	-0.37
18,328.00	88.82	357.65	12,417.18	5,978.83	1,276.48	5,968.39	0.26	-0.15	0.21
18,423.00	89.44	358.01	12,418.62	6,073.75	1,272.88	6,063.34	0.75	0.65	0.38
18,519.00	89.38	358.78	12,419.61	6,169.71	1,270.19	6,159.31	0.80	-0.06	0.80
18,613.00	85.96	359.51	12,423.43	6,263.61	1,268.79	6,253.22	3.72	-3.64	0.78
18,708.00	85.29	1.43	12,430.68	6,358.32	1,269.57	6,347.93	2.14	-0.71	2.02
18,803.00	83.58	2.01	12,439.89	6,452.83	1,272.41	6,442.41	1.90	-1.80	0.61
18,898.00	83.88	1.85	12,450.27	6,547.21	1,275.59	6,536.76	0.36	0.32	-0.17
18,992.00	82.67	0.89	12,461.28	6,640.53	1,277.82	6,630.06	1.64	-1.29	-1.02
19,086.00	85.07	0.27	12,471.31	6,733.98	1,278.76	6,723.50	2.64	2.55	-0.66
19,180.00	87.99	0.98	12,477.00	6,827.79	1,279.79	6,817.30	3.20	3.11	0.76
19,275.00	90.39	0.98	12,478.35	6,922.76	1,281.41	6,912.25	2.53	2.53	0.00
19,369.00	91.15	0.29	12,477.08	7,016.75	1,282.45	7,006.22	1.09	0.81	-0.73
19,464.00	91.82	359.75	12,474.62	7,111.71	1,282.49	7,101.19	0.91	0.71	-0.57
19,558.00	87.76	0.58	12,474.96	7,205.69	1,282.76	7,195.16	4.41	-4.32	0.88
19,652.00	87.79	0.27	12,478.61	7,299.62	1,283.46	7,289.08	0.33	0.03	-0.33
19,747.00	88.12	0.04	12,482.00	7,394.56	1,283.71	7,384.01	0.42	0.35	-0.24
19,842.00	87.65	359.85	12,485.51	7,489.49	1,283.62	7,478.95	0.53	-0.49	-0.20
19,916.00	87.56	359.86	12,488.60	7,563.43	1,283.43	7,552.88	0.12	-0.12	0.01
Last SB MWD Survey									
19,975.00	87.56	359.86	12,491.11	7,622.37	1,283.29	7,611.83	0.00	0.00	0.00
Projection To Bit: 114' FNL, 468' FWL									



Survey Report



Company:	MARATHON OIL COMPANY	Local Co-ordinate Reference:	Well Ender Wiggins 14 TB Fed Com 11H
Project:	Lea County, NM (NAD27)	TVD Reference:	RKB @ 3358.50usft (Precision 101)
Site:	Ender Wiggins Pad (Grid)	MD Reference:	RKB @ 3358.50usft (Precision 101)
Well:	Ender Wiggins 14 TB Fed Com 11H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	1 - EDM Production

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
227.00	227.00	-0.77	-0.18	First SB MWD Survey
7,631.00	7,567.49	-32.16	879.25	SL Crossing: 151' FSL, 0' FWL
10,124.00	10,038.31	-48.40	1,209.31	HL Crossing: 133' FSL, 330' FWL
14,804.00	12,398.39	2,457.68	1,323.58	SL Crossing: 0' FNL, 465' FWL
19,916.00	12,488.60	7,563.43	1,283.43	Last SB MWD Survey
19,975.00	12,491.11	7,622.37	1,283.29	Projection To Bit: 114' FNL, 468' FWL

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-46794
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Ender Wiggins 14 TB Federal Com
8. Well Number 11H
9. OGRID Number 372098
10. Pool name or Wildcat Red Hills; Bone Spring (East)
4. Well Location Unit Letter <u>F</u> : <u>2451</u> feet from the <u>NORTH</u> line and <u>1765</u> feet from the <u>WEST</u> line Section <u>14</u> Township <u>25S</u> Range <u>34E</u> NMPM County <u>LEA</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3332' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: Completions ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

8/11/2022 - Start frac prep operations
 8/24/2022 - MIRU. Pressure test production casing to 13000 psi for 30 min, held, good test.
 8/25/2022 - Start frac stages 1-30 with 2 shots per foot for a total of 720 shots, 0.41" in size using 18,495,607 lbs of proppant and 18,785,214 gallons of brackish water. Total interval from 12,508' to 19,911'.
 9/23/2022 - Finish frac on last stage. RD.
 10/8/2022 - Well ready to produce.
 10/13/2022 - Open well and begin flowback. Turn to production.

Marathon Oil Permian LLC request a tubing exception for this well.

Spud Date:

4/9/2022

Rig Release Date:

6/10/2022

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

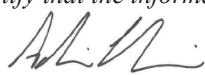
SIGNATURE Adrian Covarrubias TITLE Regulatory Compliance Representative DATE 12/14/2022

Type or print name Adrian Covarrubias E-mail address: acovarrubias@marathonoil.com PHONE: 713-296-3368

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)							5. Lease Name or Unit Agreement Name Ender Wiggins 14 TB Federal Com			
							6. Well Number: 11H			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Marathon Oil Permian LLC							9. OGRID 372098			
10. Address of Operator 990 Town & Country Blvd. Houston, TX 77024							11. Pool name or Wildcat Red Hills; Bone Spring (East)			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	F	14	25S	34E		2451	NORTH	1765	WEST	LEA
BH:	B	11	25S	34E		114	NORTH	2182	WEST	LEA
13. Date Spudded 4/9/2022	14. Date T.D. Reached 6/8/2022		15. Date Rig Released 6/10/2022			16. Date Completed (Ready to Produce) 10/8/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3332' GL		
18. Total Measured Depth of Well 19975'			19. Plug Back Measured Depth 19955'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,508' - 19,911'; Bone Spring										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8"		54.5#, J55, BTC		1002'		17-1/2"		Lead: 495 sacks, 2.14 yield, Class A Tail: 235 sacks, 1.32 yield, Class A		
9-5/8"		40#, P110, BTC		11721'		12-1/4"		Lead: 1380 sacks, 4.71 yield, Class C Tail: 230 sacks, 1.35 yield, Class C		
5-1/2"		23#, P110, TLW		19960'		8-3/4"		Lead: 1950 sacks, 1.61, Class H Tail: 1930 sacks, 1.49 yield, Class H		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD					
					SIZE	DEPTH SET		PACKER SET		
26. Perforation record (interval, size, and number) 12,508' - 19,911'; 0.41", 720 shots					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					12,508' - 19,911'		18,495,607 lbs proppant			
					12,508' - 19,911'		18,785,214 gal. brackish water.			
28. PRODUCTION										
Date First Production 10/14/2022		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 10/29/2022	Hours Tested 24	Choke Size 42/44	Prod'n For Test Period	Oil - Bbl 1722	Gas - MCF 3125	Water - Bbl. 5102	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure 1680	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold							30. Test Witnessed By			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude Longitude NAD83										
<i>I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief</i>										
Signature 			Printed Name Adrian Covarrubias			Title Regulatory Compliance Rep			Date 4/4/2023	
E-mail Address acovarrubias@marathonoil.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

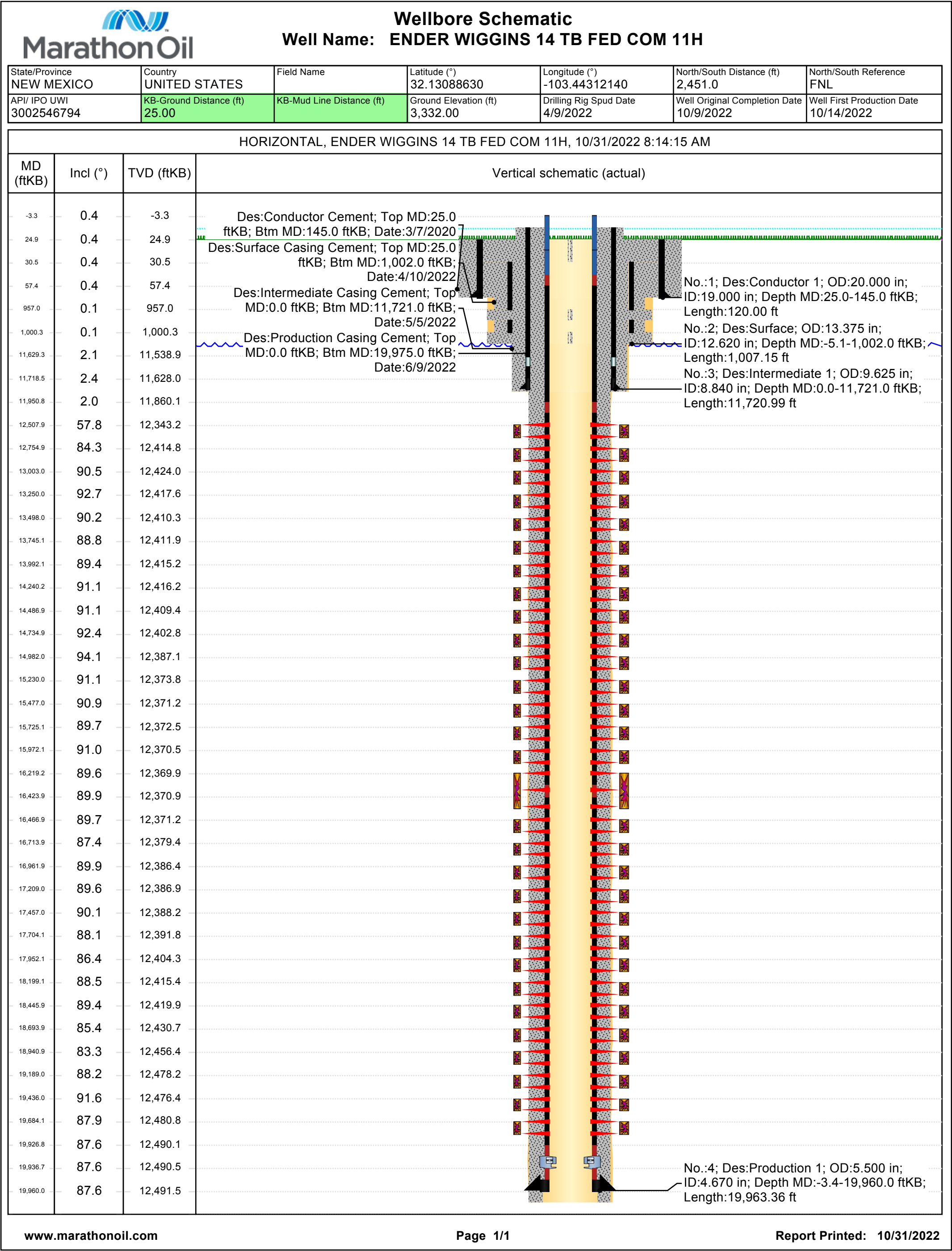
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

Geological Tops	
Ender Wiggins 14 TB Fed Com 11H	
Rustler	883
Salado	1389
Castile	3607
Base Salt	5441
Lamar	5441
Delaware Sands (Bell Canyon)	5469
Bone Spring	9403



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 204356

ACKNOWLEDGMENTS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 204356
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 204356

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 204356
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	8/10/2023