

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 10/15/2022
⁴ API Number 30 - 025-47026	⁵ Pool Name Pitchfork Ranch; Wolfcamp (South)	⁶ Pool Code 96994
⁷ Property Code 333097	⁸ Property Name Ender Wiggins 14 WXY Federal Com	⁹ Well Number 20H

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
H	14	25S	34E		2490	NORTH	1136	EAST	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
A	11	25S	34E		91	NORTH	307	EAST	LEA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

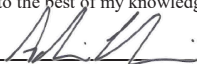
III. Oil and Gas Transporters

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 5/25/2022	²² Ready Date 10/12/2022	²³ TD 20765'	²⁴ PBTB 20754'	²⁵ Perforations 13,028' - 20,734'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8", 54.4#, J55, BTC	989'	Lead: 835 sacks, 1.67 yield, Class C Tail: 200 sacks, 1.33 yield, Class C		
12-1/4"	9-5/8", 40#, P110, BTC	11590'	Lead: 1855 sacks, 3.55 yield, NeoCem Tail: 495 sacks, 1.08 yield, NeoCem		
8-3/4"	5-1/2", 23#, P110, TLW	20759'	Lead: 2095 sacks, 1.35 yield, Class H Tail: 2490 sacks, 1.35 yield, Class H		

V. Well Test Data

³¹ Date New Oil 10/15/2022	³² Gas Delivery Date 10/15/2022	³³ Test Date 10/26/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2247
³⁷ Choke Size 40/64	³⁸ Oil 2933	³⁹ Water 4624	⁴⁰ Gas 4622		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: 8/11/2023		
Date: 4/5/2023		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
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☒ AMENDED REPORT
As-Drilled

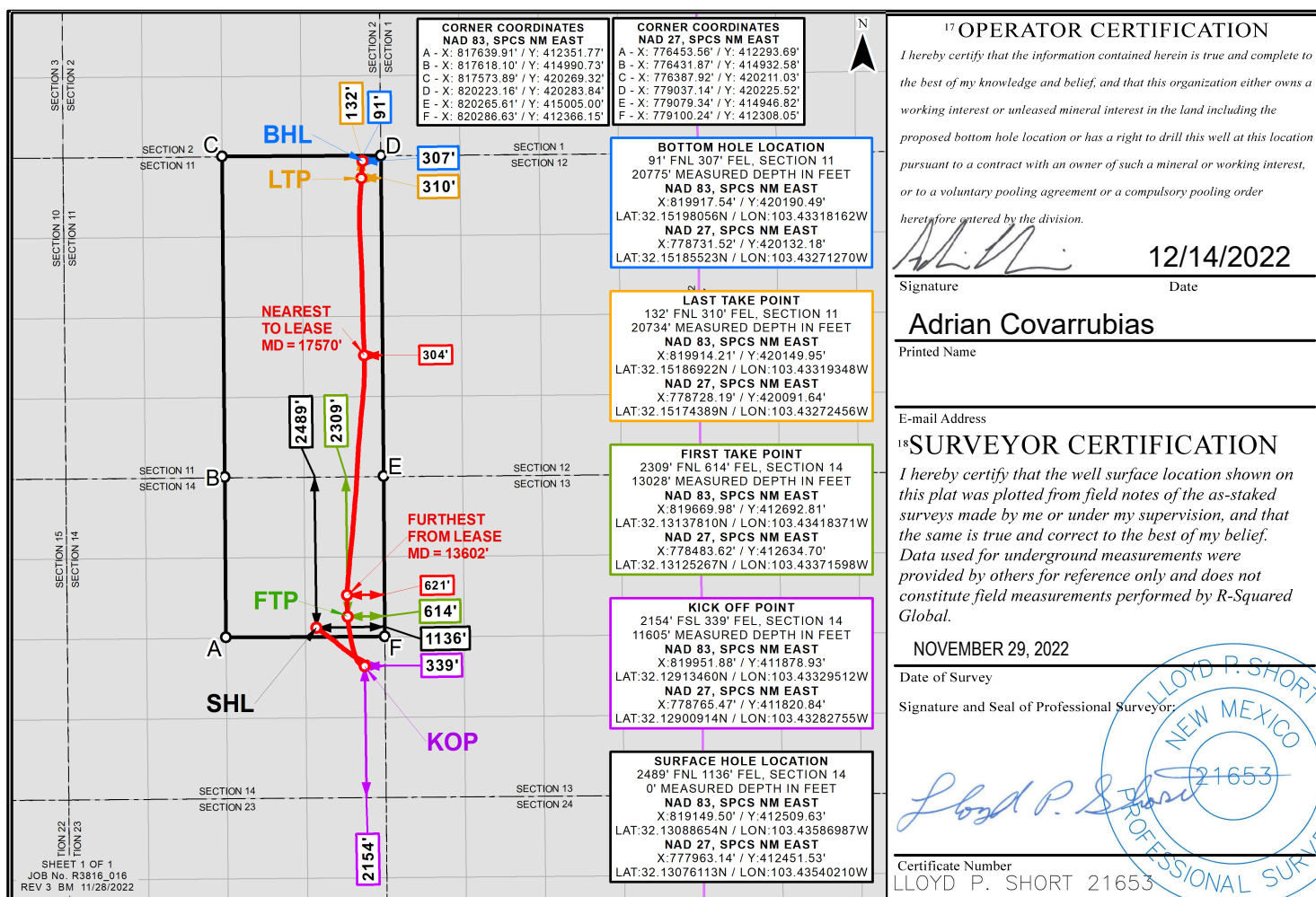
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-025-47026	² Pool Code 96994	³ Pool Name PITCHFORK RANCH; WOLFCAMP (SOUTH)
⁴ Property Code 333097	Property Name ENDER WIGGINS 14 WXY FED COM	
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC.	⁶ Well Number 20H
		⁹ Elevation 3358'

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
H	14	25S	34E		2489	NORTH	1136	EAST	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
A	11	25S	34E		91	NORTH	307	EAST	LEA
¹² Dedicated Acres 480.0	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 Permian LLC

Lea County, NM (NAD27 NME)

Ender Wiggins 14

Ender Wiggins 14 WXY Fed Com 20H

OH / 69901

Design: Surveys (Cactus 169)

Standard Survey Report

15 July, 2022





Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Ender Wiggins 14 WXY Fed Com 20H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3381.60usft (Cactus 169)
Site:	Ender Wiggins 14	MD Reference:	RKB @ 3381.60usft (Cactus 169)
Well:	Ender Wiggins 14 WXY Fed Com 20H	North Reference:	Grid
Wellbore:	OH / 69901	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 169)	Database:	USA Compass

Project	Lea County, NM (NAD27 NME)		
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 14		
Site Position:		Northing:	412,451.19 usft
From:	Map	Easting:	777,933.08 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 7' 50.739168 N
		Longitude:	103° 26' 7.797048 W
		Grid Convergence:	0.478 °

Well	Ender Wiggins 14 WXY Fed Com 20H		
Well Position	+N/-S	0.00 usft	Northing: 412,451.35 usft
	+E/-W	0.00 usft	Easting: 777,963.14 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 7' 50.738268 N
		Longitude:	103° 26' 7.447596 W
		Ground Level:	3,358.00 usft

Wellbore	OH / 69901				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	6/6/2022	6.340	59.710	47,503.00000000

Design	Surveys (Cactus 169)				
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	7/15/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	20,775.00	Phoenix MWD Surveys (OH / 69901)	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
133.00	0.77	72.59	133.00	0.27	0.85	0.26	0.58	0.58	0.00
First Phoenix MWD Survey									
223.00	0.83	79.83	222.99	0.56	2.07	0.55	0.13	0.07	8.04
313.00	0.99	67.70	312.98	0.97	3.43	0.95	0.28	0.18	-13.48
400.00	1.24	81.86	399.96	1.39	5.06	1.35	0.43	0.29	16.28
495.00	1.73	86.52	494.93	1.62	7.51	1.56	0.53	0.52	4.91
584.00	1.47	81.99	583.89	1.87	9.98	1.79	0.32	-0.29	-5.09
674.00	1.01	61.11	673.87	2.41	11.82	2.31	0.71	-0.51	-23.20
764.00	0.64	260.18	763.87	2.71	12.02	2.61	1.81	-0.41	-178.81
853.00	2.75	250.89	852.82	1.92	9.51	1.85	2.38	2.37	-10.44



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Wellbore:	OH / 69901	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 169)	Database:	USA Compass

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)
917.00	3.52	255.86	916.73	0.94	6.15	0.89	1.27	1.20	7.77
1,036.00	3.80	255.13	1,035.49	-0.96	-1.20	-0.95	0.24	0.24	-0.61
1,125.00	3.76	252.86	1,124.29	-2.58	-6.84	-2.53	0.17	-0.04	-2.55
1,215.00	2.55	292.04	1,214.16	-2.70	-11.52	-2.61	2.67	-1.34	43.53
1,309.00	1.85	314.00	1,308.10	-0.86	-14.55	-0.74	1.15	-0.74	23.36
1,404.00	2.62	22.82	1,403.04	2.21	-14.81	2.33	2.74	0.81	72.44
1,499.00	2.01	49.92	1,497.96	5.28	-12.69	5.38	1.30	-0.64	28.53
1,593.00	4.70	114.24	1,591.82	4.76	-7.91	4.82	4.51	2.86	68.43
1,688.00	6.44	124.69	1,686.37	0.13	0.02	0.13	2.11	1.83	11.00
1,782.00	8.50	130.67	1,779.57	-7.40	9.62	-7.48	2.34	2.19	6.36
1,877.00	8.91	129.35	1,873.47	-16.64	20.64	-16.80	0.48	0.43	-1.39
1,971.00	9.22	127.85	1,966.30	-25.88	32.21	-26.13	0.41	0.33	-1.60
2,066.00	9.86	126.29	2,059.98	-35.36	44.78	-35.72	0.73	0.67	-1.64
2,160.00	10.69	124.73	2,152.48	-45.09	58.43	-45.56	0.93	0.88	-1.66
2,255.00	11.43	123.51	2,245.71	-55.31	73.52	-55.90	0.82	0.78	-1.28
2,349.00	11.36	125.12	2,337.86	-65.77	88.86	-66.49	0.35	-0.07	1.71
2,444.00	11.34	126.09	2,431.00	-76.66	104.06	-77.49	0.20	-0.02	1.02
2,538.00	10.81	125.11	2,523.25	-87.17	118.74	-88.12	0.60	-0.56	-1.04
2,633.00	10.27	124.40	2,616.65	-97.08	133.01	-98.15	0.58	-0.57	-0.75
2,727.00	11.09	121.88	2,709.02	-106.59	147.60	-107.77	1.00	0.87	-2.68
2,822.00	11.31	124.26	2,802.21	-116.66	163.06	-117.97	0.54	0.23	2.51
2,916.00	10.83	129.55	2,894.46	-127.47	177.49	-128.89	1.19	-0.51	5.63
3,011.00	11.50	128.23	2,987.66	-139.02	191.81	-140.55	0.75	0.71	-1.39
3,106.00	12.08	126.29	3,080.66	-150.76	207.26	-152.42	0.74	0.61	-2.04
3,200.00	11.66	125.33	3,172.65	-162.07	222.94	-163.86	0.49	-0.45	-1.02
3,294.00	9.08	126.36	3,265.11	-171.97	236.67	-173.86	2.75	-2.74	1.10
3,389.00	9.71	123.54	3,358.83	-180.84	249.38	-182.83	0.82	0.66	-2.97
3,483.00	9.54	124.43	3,451.51	-189.62	262.41	-191.72	0.24	-0.18	0.95
3,578.00	9.37	126.19	3,545.22	-198.64	275.15	-200.84	0.35	-0.18	1.85
3,672.00	9.90	123.50	3,637.89	-207.62	288.06	-209.92	0.74	0.56	-2.86
3,767.00	9.84	121.62	3,731.49	-216.38	301.78	-218.80	0.35	-0.06	-1.98
3,861.00	10.53	127.47	3,824.01	-225.82	315.44	-228.34	1.32	0.73	6.22
3,956.00	11.33	139.48	3,917.30	-238.19	328.40	-240.82	2.54	0.84	12.64
4,050.00	11.92	139.45	4,009.37	-252.59	340.71	-255.32	0.63	0.63	-0.03
4,145.00	12.00	134.43	4,102.31	-266.96	354.14	-269.79	1.10	0.08	-5.28
4,239.00	12.26	127.77	4,194.21	-279.91	369.00	-282.87	1.51	0.28	-7.09
4,334.00	13.09	128.45	4,286.90	-292.78	385.40	-295.87	0.89	0.87	0.72
4,428.00	13.89	127.65	4,378.30	-306.29	402.67	-309.51	0.87	0.85	-0.85
4,522.00	13.28	127.40	4,469.67	-319.74	420.18	-323.10	0.65	-0.65	-0.27
4,617.00	11.91	126.38	4,562.38	-332.18	436.74	-335.68	1.46	-1.44	-1.07
4,711.00	11.55	126.80	4,654.42	-343.57	452.09	-347.19	0.39	-0.38	0.45
4,806.00	10.31	126.83	4,747.70	-354.37	466.51	-358.10	1.31	-1.31	0.03
4,900.00	10.98	126.80	4,840.08	-364.77	480.41	-368.62	0.71	0.71	-0.03



Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Ender Wiggins 14 WXY Fed Com 20H
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Well:	Ender Wiggins 14 WXY Fed Com 20H	North Reference:	Grid
Wellbore:	OH / 69901	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 169)	Database:	USA Compass

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)
4,995.00	10.38	126.52	4,933.43	-375.28	494.53	-379.24	0.63	-0.63	-0.29
5,089.00	9.05	125.54	5,026.08	-384.62	507.35	-388.68	1.43	-1.41	-1.04
5,183.00	9.75	125.37	5,118.82	-393.53	519.86	-397.69	0.75	0.74	-0.18
5,276.00	9.82	125.42	5,210.47	-402.68	532.75	-406.95	0.08	0.08	0.05
5,370.00	10.14	126.03	5,303.04	-412.19	545.97	-416.56	0.36	0.34	0.65
5,465.00	10.48	127.81	5,396.51	-422.41	559.56	-426.89	0.49	0.36	1.87
5,560.00	10.86	128.62	5,489.87	-433.29	573.38	-437.88	0.43	0.40	0.85
5,654.00	11.51	130.27	5,582.08	-444.88	587.45	-449.58	0.77	0.69	1.76
5,748.00	11.63	127.26	5,674.17	-456.68	602.15	-461.50	0.65	0.13	-3.20
5,843.00	9.82	119.50	5,767.51	-466.47	616.82	-471.41	2.43	-1.91	-8.17
5,937.00	10.61	118.03	5,860.02	-474.48	631.44	-479.54	0.88	0.84	-1.56
6,032.00	11.18	118.00	5,953.31	-482.92	647.29	-488.10	0.60	0.60	-0.03
6,126.00	11.78	116.22	6,045.43	-491.43	663.94	-496.75	0.74	0.64	-1.89
6,221.00	12.46	115.32	6,138.31	-500.10	681.91	-505.56	0.74	0.72	-0.95
6,315.00	12.56	114.52	6,230.08	-508.68	700.37	-514.29	0.21	0.11	-0.85
6,410.00	11.48	114.74	6,323.00	-516.92	718.36	-522.67	1.14	-1.14	0.23
6,504.00	11.66	115.26	6,415.09	-524.89	735.44	-530.78	0.22	0.19	0.55
6,599.00	10.63	121.09	6,508.30	-533.51	751.63	-539.53	1.61	-1.08	6.14
6,694.00	10.68	124.92	6,601.66	-543.08	766.35	-549.21	0.75	0.05	4.03
6,788.00	9.74	114.09	6,694.18	-551.31	780.75	-557.56	2.27	-1.00	-11.52
6,883.00	9.30	112.42	6,787.87	-557.52	795.19	-563.88	0.55	-0.46	-1.76
6,978.00	8.52	109.39	6,881.72	-562.78	808.92	-569.26	0.96	-0.82	-3.19
7,072.00	6.25	109.39	6,974.94	-566.79	820.32	-573.36	2.41	-2.41	0.00
7,167.00	3.69	105.76	7,069.57	-569.34	828.14	-575.97	2.71	-2.69	-3.82
7,261.00	1.67	91.39	7,163.47	-570.20	832.42	-576.86	2.25	-2.15	-15.29
7,356.00	1.84	90.45	7,258.42	-570.24	835.33	-576.93	0.18	0.18	-0.99
7,450.00	1.48	89.11	7,352.38	-570.23	838.05	-576.94	0.39	-0.38	-1.43
7,545.00	0.94	49.81	7,447.36	-569.71	839.87	-576.44	1.01	-0.57	-41.37
7,639.00	0.92	50.58	7,541.35	-568.73	841.05	-575.47	0.03	-0.02	0.82
7,734.00	0.87	48.67	7,636.34	-567.77	842.18	-574.52	0.06	-0.05	-2.01
7,828.00	0.80	57.66	7,730.33	-566.95	843.27	-573.70	0.16	-0.07	9.56
7,923.00	1.05	51.54	7,825.32	-566.06	844.51	-572.82	0.28	0.26	-6.44
8,017.00	0.93	43.67	7,919.30	-564.97	845.71	-571.74	0.19	-0.13	-8.37
8,112.00	0.95	44.82	8,014.29	-563.85	846.80	-570.63	0.03	0.02	1.21
8,207.00	0.35	63.10	8,109.28	-563.16	847.61	-569.95	0.66	-0.63	19.24
8,301.00	0.23	97.21	8,203.28	-563.06	848.05	-569.85	0.22	-0.13	36.29
8,396.00	0.32	176.28	8,298.28	-563.34	848.26	-570.14	0.38	0.09	83.23
8,490.00	0.16	205.99	8,392.28	-563.72	848.22	-570.52	0.21	-0.17	31.61
8,585.00	0.24	163.26	8,487.28	-564.03	848.22	-570.83	0.17	0.08	-44.98
8,679.00	0.66	182.38	8,581.28	-564.76	848.25	-571.56	0.47	0.45	20.34
8,774.00	0.58	170.58	8,676.27	-565.78	848.31	-572.58	0.16	-0.08	-12.42
8,869.00	0.63	193.96	8,771.27	-566.77	848.26	-573.56	0.26	0.05	24.61
8,963.00	0.91	195.03	8,865.26	-567.99	847.94	-574.78	0.30	0.30	1.14



Phoenix Survey Report



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Well:	Ender Wiggins 14 WXY Fed Com 20H	North Reference:	Grid
Wellbore:	OH / 69901	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 169)	Database:	USA Compass

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)
9,058.00	1.05	187.55	8,960.24	-569.58	847.63	-576.37	0.20	0.15	-7.87
9,152.00	1.18	192.99	9,054.22	-571.38	847.30	-578.16	0.18	0.14	5.79
9,247.00	1.26	197.66	9,149.20	-573.33	846.77	-580.10	0.13	0.08	4.92
9,341.00	1.24	210.26	9,243.18	-575.19	845.94	-581.96	0.29	-0.02	13.40
9,436.00	1.24	198.08	9,338.16	-577.05	845.10	-583.82	0.28	0.00	-12.82
9,530.00	1.65	201.82	9,432.13	-579.28	844.28	-586.04	0.45	0.44	3.98
9,625.00	1.66	201.83	9,527.09	-581.82	843.26	-588.58	0.01	0.01	0.01
9,719.00	2.00	199.78	9,621.04	-584.63	842.20	-591.37	0.37	0.36	-2.18
9,814.00	2.08	192.49	9,715.98	-587.87	841.27	-594.61	0.29	0.08	-7.67
9,908.00	2.11	196.61	9,809.92	-591.20	840.41	-597.93	0.16	0.03	4.38
10,002.00	2.18	201.25	9,903.85	-594.52	839.26	-601.24	0.20	0.07	4.94
10,097.00	2.43	198.35	9,998.78	-598.12	837.97	-604.83	0.29	0.26	-3.05
10,191.00	2.56	198.20	10,092.69	-602.00	836.69	-608.70	0.14	0.14	-0.16
10,286.00	2.73	218.37	10,187.59	-605.79	834.62	-612.47	0.99	0.18	21.23
10,381.00	2.92	216.18	10,282.47	-609.52	831.79	-616.18	0.23	0.20	-2.31
10,475.00	3.06	203.62	10,376.35	-613.75	829.37	-620.39	0.71	0.15	-13.36
10,570.00	2.91	201.84	10,471.22	-618.31	827.46	-624.94	0.19	-0.16	-1.87
10,664.00	2.01	191.89	10,565.13	-622.14	826.23	-628.75	1.06	-0.96	-10.59
10,759.00	1.40	191.52	10,660.09	-624.91	825.66	-631.52	0.64	-0.64	-0.39
10,853.00	1.09	232.71	10,754.07	-626.58	824.72	-633.18	0.98	-0.33	43.82
10,948.00	0.82	259.18	10,849.05	-627.25	823.33	-633.84	0.54	-0.28	27.86
11,042.00	0.50	312.04	10,943.05	-627.10	822.36	-633.68	0.70	-0.34	56.23
11,137.00	1.26	291.02	11,038.04	-626.45	821.08	-633.02	0.86	0.80	-22.13
11,231.00	1.62	286.79	11,132.01	-625.70	818.85	-632.25	0.40	0.38	-4.50
11,326.00	2.25	270.91	11,226.95	-625.28	815.69	-631.81	0.86	0.66	-16.72
11,421.00	2.97	251.47	11,321.85	-626.03	811.50	-632.53	1.19	0.76	-20.46
11,512.00	3.03	245.02	11,412.73	-627.80	807.08	-634.25	0.38	0.07	-7.09
11,655.00	3.69	235.76	11,555.48	-631.98	799.85	-638.38	0.60	0.46	-6.48
11,717.00	3.79	235.35	11,617.35	-634.27	796.52	-640.64	0.17	0.16	-0.66
11,812.00	5.18	270.14	11,712.08	-636.04	789.64	-642.36	3.15	1.46	36.62
11,906.00	6.76	279.99	11,805.57	-635.07	779.95	-641.31	2.00	1.68	10.48
12,000.00	8.36	290.53	11,898.75	-631.72	768.10	-637.86	2.25	1.70	11.21
12,095.00	18.02	308.31	11,991.17	-620.15	750.05	-626.16	10.91	10.17	18.72
12,190.00	25.99	313.48	12,079.18	-596.68	723.38	-602.47	8.63	8.39	5.44
12,284.00	25.07	317.78	12,164.01	-567.76	695.04	-573.32	2.20	-0.98	4.57
12,379.00	25.00	335.72	12,250.21	-534.51	673.23	-539.89	7.96	-0.07	18.88
12,473.00	32.53	338.46	12,332.56	-492.83	655.76	-498.08	8.13	8.01	2.91
12,568.00	42.07	342.93	12,408.05	-438.51	636.99	-443.61	10.43	10.04	4.71
12,662.00	50.65	345.10	12,472.87	-373.16	618.37	-378.11	9.28	9.13	2.31
12,757.00	62.61	345.78	12,525.03	-296.50	598.49	-301.29	12.60	12.59	0.72
12,851.00	78.07	347.90	12,556.56	-210.55	578.48	-215.19	16.58	16.45	2.26
12,946.00	89.07	350.92	12,567.19	-117.91	561.18	-122.41	12.00	11.58	3.18
13,036.00	88.58	350.08	12,569.03	-29.16	546.33	-33.55	1.08	-0.54	-0.93
13,130.00	89.10	352.27	12,570.94	63.70	531.91	59.43	2.39	0.55	2.33



Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Ender Wiggins 14 WXY Fed Com 20H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3381.60usft (Cactus 169)
Site:	Ender Wiggins 14	MD Reference:	RKB @ 3381.60usft (Cactus 169)
Well:	Ender Wiggins 14 WXY Fed Com 20H	North Reference:	Grid
Wellbore:	OH / 69901	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 169)	Database:	USA Compass

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)
13,225.00	89.19	355.78	12,572.35	158.16	522.03	153.96	3.70	0.09	3.69
13,319.00	89.51	357.19	12,573.42	251.98	516.27	247.82	1.54	0.34	1.50
13,414.00	89.08	358.95	12,574.59	346.91	513.07	342.78	1.91	-0.45	1.85
13,508.00	89.84	358.66	12,575.47	440.89	511.11	436.77	0.87	0.81	-0.31
13,602.00	88.90	0.35	12,576.51	534.87	510.29	530.76	2.06	-1.00	1.80
13,697.00	88.73	3.21	12,578.47	629.80	513.24	625.65	3.02	-0.18	3.01
13,791.00	88.68	4.59	12,580.60	723.55	519.64	719.36	1.47	-0.05	1.47
13,886.00	88.91	4.69	12,582.60	818.22	527.32	813.96	0.26	0.24	0.11
13,980.00	89.22	5.53	12,584.13	911.83	535.69	907.50	0.95	0.33	0.89
14,075.00	89.16	5.20	12,585.47	1,006.41	544.57	1,002.00	0.35	-0.06	-0.35
14,169.00	88.93	3.79	12,587.04	1,100.10	551.94	1,095.64	1.52	-0.24	-1.50
14,264.00	88.36	6.21	12,589.29	1,194.71	560.21	1,190.17	2.62	-0.60	2.55
14,358.00	89.07	8.34	12,591.39	1,287.92	572.11	1,283.29	2.39	0.76	2.27
14,453.00	89.47	5.25	12,592.61	1,382.23	583.35	1,377.51	3.28	0.42	-3.25
14,547.00	89.19	4.94	12,593.70	1,475.86	591.70	1,471.06	0.44	-0.30	-0.33
14,642.00	90.86	5.54	12,593.66	1,570.45	600.38	1,565.58	1.87	1.76	0.63
14,736.00	89.25	4.48	12,593.57	1,664.09	608.58	1,659.15	2.05	-1.71	-1.13
14,830.00	89.31	4.23	12,594.75	1,757.81	615.72	1,752.81	0.27	0.06	-0.27
14,925.00	89.30	4.41	12,595.91	1,852.54	622.88	1,847.48	0.19	-0.01	0.19
15,020.00	89.48	5.06	12,596.92	1,947.21	630.72	1,942.08	0.71	0.19	0.68
15,114.00	89.42	4.82	12,597.82	2,040.85	638.81	2,035.66	0.26	-0.06	-0.26
15,209.00	89.35	4.91	12,598.84	2,135.50	646.87	2,130.24	0.12	-0.07	0.09
15,303.00	89.27	5.34	12,599.97	2,229.12	655.26	2,223.79	0.47	-0.09	0.46
15,397.00	89.33	4.30	12,601.12	2,322.78	663.16	2,317.38	1.11	0.06	-1.11
15,492.00	89.33	2.72	12,602.23	2,417.59	668.98	2,412.14	1.66	0.00	-1.66
15,586.00	87.88	2.19	12,604.52	2,511.48	673.00	2,505.99	1.64	-1.54	-0.56
15,681.00	86.96	3.15	12,608.80	2,606.27	677.42	2,600.75	1.40	-0.97	1.01
15,775.00	86.03	2.96	12,614.54	2,699.96	682.42	2,694.40	1.01	-0.99	-0.20
15,870.00	85.24	2.85	12,621.77	2,794.57	687.22	2,788.96	0.84	-0.83	-0.12
15,964.00	85.10	3.45	12,629.69	2,888.09	692.37	2,882.44	0.65	-0.15	0.64
16,058.00	84.34	5.36	12,638.34	2,981.41	699.56	2,975.70	2.18	-0.81	2.03
16,153.00	84.18	4.88	12,647.84	3,075.56	708.00	3,069.77	0.53	-0.17	-0.51
16,247.00	83.77	5.45	12,657.71	3,168.66	716.41	3,162.80	0.74	-0.44	0.61
16,342.00	84.48	3.88	12,667.43	3,262.84	724.10	3,256.92	1.81	0.75	-1.65
16,436.00	83.18	5.15	12,677.53	3,356.00	731.45	3,350.02	1.93	-1.38	1.35
16,531.00	81.82	5.35	12,689.93	3,449.79	740.07	3,443.74	1.45	-1.43	0.21
16,625.00	82.07	5.58	12,703.11	3,542.44	748.93	3,536.32	0.36	0.27	0.24
16,720.00	81.57	5.30	12,716.62	3,636.05	757.85	3,629.85	0.60	-0.53	-0.29
16,814.00	82.31	5.50	12,729.80	3,728.71	766.61	3,722.43	0.81	0.79	0.21
16,908.00	83.46	6.44	12,741.45	3,821.48	776.31	3,815.12	1.58	1.22	1.00
17,003.00	84.95	5.14	12,751.04	3,915.50	785.84	3,909.07	2.08	1.57	-1.37
17,097.00	85.61	3.16	12,758.77	4,008.94	792.62	4,002.44	2.21	0.70	-2.11
17,192.00	85.78	1.89	12,765.90	4,103.57	796.79	4,097.04	1.35	0.18	-1.34



Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Ender Wiggins 14 WXY Fed Com 20H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3381.60usft (Cactus 169)
Site:	Ender Wiggins 14	MD Reference:	RKB @ 3381.60usft (Cactus 169)
Well:	Ender Wiggins 14 WXY Fed Com 20H	North Reference:	Grid
Wellbore:	OH / 69901	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 169)	Database:	USA Compass

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)
17,287.00	86.26	0.07	12,772.50	4,198.33	798.41	4,191.78	1.98	0.51	-1.92
17,381.00	86.66	358.81	12,778.30	4,292.14	797.50	4,285.60	1.40	0.43	-1.34
17,476.00	86.65	0.56	12,783.85	4,386.97	796.97	4,380.43	1.84	-0.01	1.84
17,570.00	89.73	358.84	12,786.82	4,480.91	796.48	4,474.37	3.75	3.28	-1.83
17,665.00	88.05	357.76	12,788.66	4,575.85	793.66	4,569.33	2.10	-1.77	-1.14
17,759.00	90.76	357.27	12,789.63	4,669.74	789.59	4,663.25	2.93	2.88	-0.52
17,854.00	87.28	357.22	12,791.26	4,764.60	785.02	4,758.15	3.66	-3.66	-0.05
17,948.00	88.87	358.26	12,794.41	4,858.47	781.32	4,852.05	2.02	1.69	1.11
18,043.00	90.67	358.46	12,794.80	4,953.43	778.60	4,947.02	1.91	1.89	0.21
18,137.00	90.28	358.96	12,794.02	5,047.40	776.49	5,041.01	0.67	-0.41	0.53
18,232.00	89.53	358.43	12,794.17	5,142.38	774.32	5,136.00	0.97	-0.79	-0.56
18,326.00	88.21	358.35	12,796.03	5,236.32	771.68	5,229.96	1.41	-1.40	-0.09
18,421.00	91.96	359.19	12,795.89	5,331.28	769.64	5,324.93	4.05	3.95	0.88
18,515.00	88.05	357.49	12,795.88	5,425.22	766.92	5,418.89	4.54	-4.16	-1.81
18,610.00	88.62	358.18	12,798.64	5,520.11	763.33	5,513.80	0.94	0.60	0.73
18,704.00	88.65	358.66	12,800.88	5,614.05	760.74	5,607.76	0.51	0.03	0.51
18,799.00	91.27	359.11	12,800.94	5,709.02	758.89	5,702.74	2.80	2.76	0.47
18,893.00	93.49	358.59	12,797.04	5,802.91	757.01	5,796.65	2.43	2.36	-0.55
18,988.00	96.21	358.46	12,789.01	5,897.53	754.57	5,891.29	2.87	2.86	-0.14
19,082.00	91.87	357.45	12,782.39	5,991.22	751.23	5,984.99	4.74	-4.62	-1.07
19,177.00	88.70	356.17	12,781.92	6,086.05	745.94	6,079.87	3.60	-3.34	-1.35
19,271.00	86.97	355.46	12,785.47	6,179.73	739.08	6,173.60	1.99	-1.84	-0.76
19,366.00	90.25	356.15	12,787.77	6,274.44	732.14	6,268.36	3.53	3.45	0.73
19,461.00	90.84	356.75	12,786.87	6,369.25	726.26	6,363.21	0.89	0.62	0.63
19,555.00	93.72	357.16	12,783.13	6,463.03	721.27	6,457.03	3.09	3.06	0.44
19,649.00	90.67	358.31	12,779.53	6,556.88	717.56	6,550.91	3.47	-3.24	1.22
19,744.00	91.72	359.92	12,777.55	6,651.84	716.09	6,645.88	2.02	1.11	1.69
19,838.00	87.45	359.85	12,778.23	6,745.82	715.90	6,739.85	4.54	-4.54	-0.07
19,933.00	90.98	1.29	12,779.53	6,840.79	716.85	6,834.81	4.01	3.72	1.52
20,027.00	88.90	2.45	12,779.63	6,934.73	719.91	6,928.73	2.53	-2.21	1.23
20,122.00	90.22	3.51	12,780.36	7,029.59	724.85	7,023.55	1.78	1.39	1.12
20,216.00	90.87	3.41	12,779.46	7,123.42	730.52	7,117.32	0.70	0.69	-0.11
20,311.00	91.06	3.05	12,777.86	7,218.25	735.88	7,212.11	0.43	0.20	-0.38
20,405.00	88.53	3.42	12,778.20	7,312.10	741.18	7,305.91	2.72	-2.69	0.39
20,500.00	88.73	3.78	12,780.47	7,406.88	747.14	7,400.64	0.43	0.21	0.38
20,594.00	89.31	4.51	12,782.08	7,500.62	753.94	7,494.33	0.99	0.62	0.78
20,689.00	92.18	4.73	12,780.84	7,595.29	761.59	7,588.93	3.03	3.02	0.23
20,750.00	89.65	4.07	12,779.87	7,656.10	766.27	7,649.70	4.29	-4.15	-1.08
Final Phoenix MWD Survey									
20,775.00	89.65	4.07	12,780.02	7,681.04	768.04	7,674.62	0.00	0.00	0.00
Projection to TD									



Phoenix
Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Ender Wiggins 14 WXY Fed Com 20H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3381.60usft (Cactus 169)
Site:	Ender Wiggins 14	MD Reference:	RKB @ 3381.60usft (Cactus 169)
Well:	Ender Wiggins 14 WXY Fed Com 20H	North Reference:	Grid
Wellbore:	OH / 69901	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 169)	Database:	USA Compass

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
133.00	133.00	0.27	0.85	First Phoenix MWD Survey
20,750.00	12,779.87	7,656.10	766.27	Final Phoenix MWD Survey
20,775.00	12,780.02	7,681.04	768.04	Projection to TD

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. 30-025-47026
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Ender Wiggins 14 WXY Federal Com
8. Well Number 20H
9. OGRID Number 372098
10. Pool name or Wildcat Pitchfork Ranch; Wolfcamp, (South)
4. Well Location Unit Letter <u>H</u> : <u>2490</u> feet from the <u>NORTH</u> line and <u>1136</u> feet from the <u>EAST</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.) 3358' 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 Frack prep operations

8/24/2022 - MIRU. Pressure test production casing to 13000 psi for 30 min, hled, good test.

8/27/2022 - Start frac stages 1-31 with 2 shots per foot for a total of 744 shots, 0.41-in. in size, using 19,238,274 proppant and 19,502,574 gal. brackish water. total interval from 13,028' to 20,734'.

10/4/2022 - Finish last stage frac. Rig down.

10/12/2022 - Well ready to produce.

10/15/2022 - Open well to production, start flowback operations.

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

Spud Date:

5/25/2022

Rig Release Date:

7/14/2022

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								1. WELL API NO. 30-025-47026										
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 WXY Federal Com										
								6. Well Number: 20H										
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 Pitchfork Ranch; Wolfcamp (South)											
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	H	14	25S	34E		2490	NORTH	1136	EAST	LEA								
BH:	A	11	25S	34E		91	NORTH	307	EAST	LEA								
13. Date Spudded 5/25/2022	14. Date T.D. Reached 7/14/2022		15. Date Rig Released 7/16/2022			16. Date Completed (Ready to Produce) 10/12/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3358' GL										
18. Total Measured Depth of Well 20765'			19. Plug Back Measured Depth 20754'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR										
22. Producing Interval(s), of this completion - Top, Bottom, Name 13,028' - 20,734'; Wolfcamp																		
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		989'		17-1/2"		Lead: 835 sacks, 1.67 yield, Class C Tail: 200 sacks, 1.33 yield, Class C										
9-5/8"		40#, P110, BTC		11590'		12-1/4"		Lead: 1855 sacks, 3.55 yield, NeoCem Tail: 455 sacks, 1.08 yield, NeoCem										
5-1/2"		23#, P110, TLW		20759'		8-3/4"		Lead: 2095 sacks, 1.35 yield, Class H Tail: 2490 sacks, 1.35 yield, Class H										
24. LINER RECORD						25. TUBING RECORD												
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET											
26. Perforation record (interval, size, and number) 13,028' - 20,734'; 0.41", 744 shots						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>13,028' - 20,734'</td> <td>19,238,274 lbs proppant</td> </tr> <tr> <td>13,028' - 20,734'</td> <td>19,502,574 gal. brackish water.</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	13,028' - 20,734'	19,238,274 lbs proppant	13,028' - 20,734'	19,502,574 gal. brackish water.		
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13,028' - 20,734'	19,502,574 gal. brackish water.																	
28. PRODUCTION																		
Date First Production 10/15/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing												
Date of Test 10/26/2022	Hours Tested 24	Choke Size 40/64	Prod'n For Test Period	Oil - Bbl 2933	Gas - MCF 4624	Water - Bbl. 4622	Gas - Oil Ratio											
Flow Tubing Press.	Casing Pressure 2247	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) 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 hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Signature			Printed Name			Title			Date									
			Adrian Covarrubias			Regulatory Compliance Rep			4/5/2023									
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	See attached.	T. Canyon	T. Ojo Alamo
T. Salt		T. Strawn	T. Penn A"
B. Salt		T. Atoka	T. Kirtland
T. Yates		T. Miss	T. Fruitland
T. 7 Rivers		T. Devonian	T. Pictured Cliffs
T. Queen		T. Silurian	T. Penn. "D"
T. Grayburg		T. Montoya	T. Cliff House
T. San Andres		T. Simpson	T. Menefee
T. Glorieta		T. McKee	T. Point Lookout
T. Paddock		T. Ellenburger	T. Mancos
T. Blinebry		T. Gr. Wash	T. Gallup
T. Tubb		T. Delaware Sand	T. Greenhorn
T. Drinkard		T. Bone Springs	T. Dakota
T. Abo		T.	T. Morrison
T. Wolfcamp		T.	T. Todilto
T. Penn		T.	T. Entrada
T. Cisco (Bough C)		T.	T. Wingate
			T. Chinle
			T. Permian

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

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

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

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

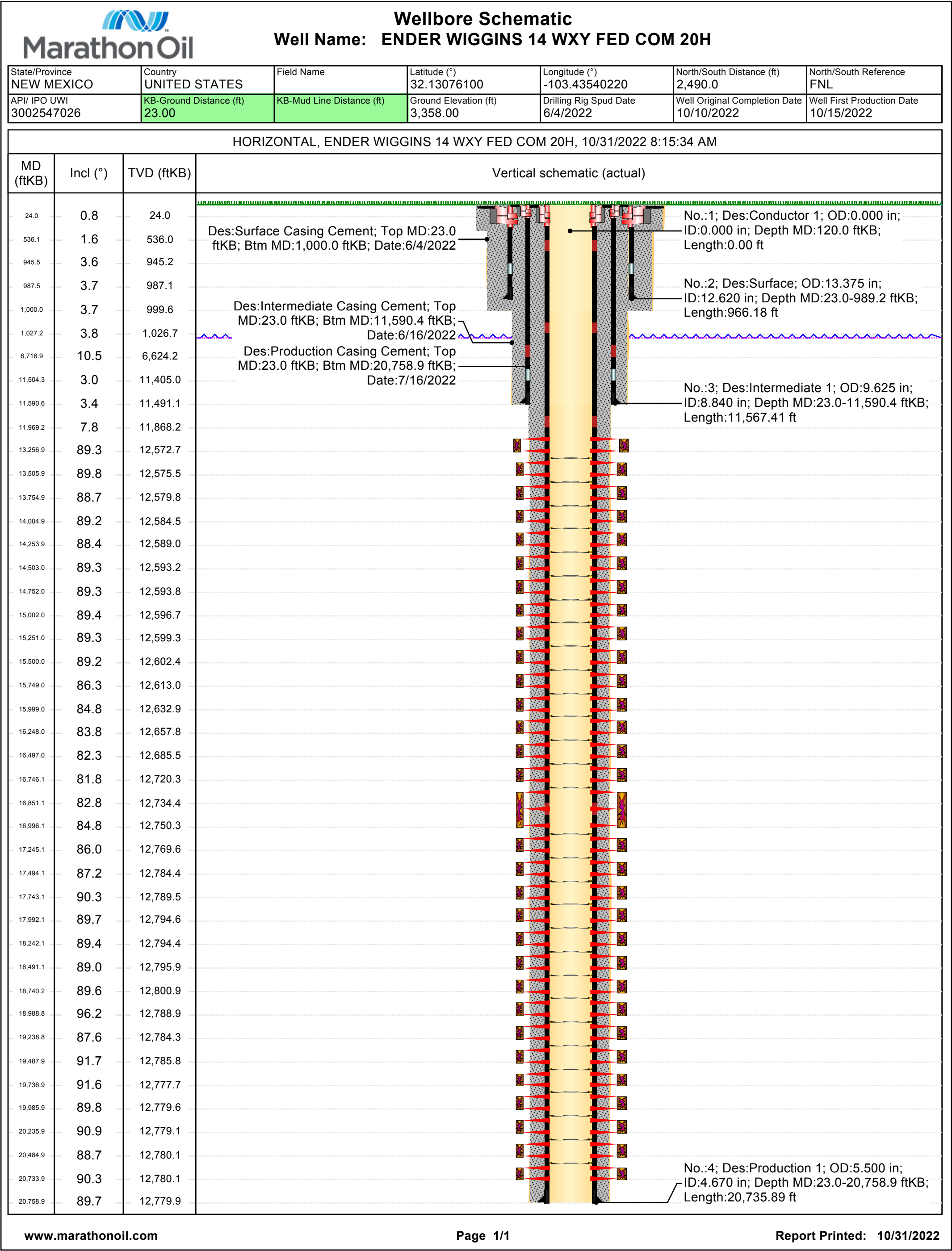
Include data on rate of water inflow and elevation to which water rose in hole.

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

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Geological Tops	
Ender Wiggins 14 WXY Fed Com 20H	
Rustler	905
Salado	1408
Castile	3612
Base Salt	5463
Lamar	5463
Delaware Sands (Bell Canyon)	5503
Cherry Canyon	5716
Brushy Canyon	8109
Bone Spring	9433
1st Bone Spring	10484
2nd Bone Spring	11059
3rd Bone Spring	12132
Wolfcamp	12674



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 204582

ACKNOWLEDGMENTS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 204582
	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 204582

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 204582
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	8/11/2023