

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 - 025-46597	⁵ Pool Name Pitchfork Ranch; Wolfcamp (South)	
	⁶ Pool Code 96994	
⁷ Property Code 322429	⁸ Property Name Ender Wiggins 14 WA Federal Com	⁹ Well Number 6H

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	1735	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
C	11	25S	34E		147	NORTH	2131	WEST	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				

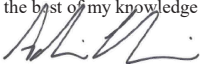
III. Oil and Gas Transporters

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 4/10/2022	²² Ready Date 10/9/2022	²³ TD 20132'	²⁴ PBDT 20112'	²⁵ Perforations 12770' - 20067'	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	1170'	Lead: 590 sacks, 2.14 yield, Class C Tail: 235 sacks, 1.32 yield, Class A		
12-1/4"	9-5/8", 40#, P110, BTC	12002'	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	20117'	Lead: 1754 sacks, 1.96 yield, Class H Tail: 1950 sacks, 1.49 yield, Class H		

V. Well Test Data

³¹ Date New Oil 10/13/2022	³² Gas Delivery Date 10/13/2022	³³ Test Date 10/26/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1302
³⁷ Choke Size 38/64	³⁸ Oil 1609	³⁹ Water 2428	⁴⁰ Gas 2827		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: 8/22/2023		
Date: 4/3/2023		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

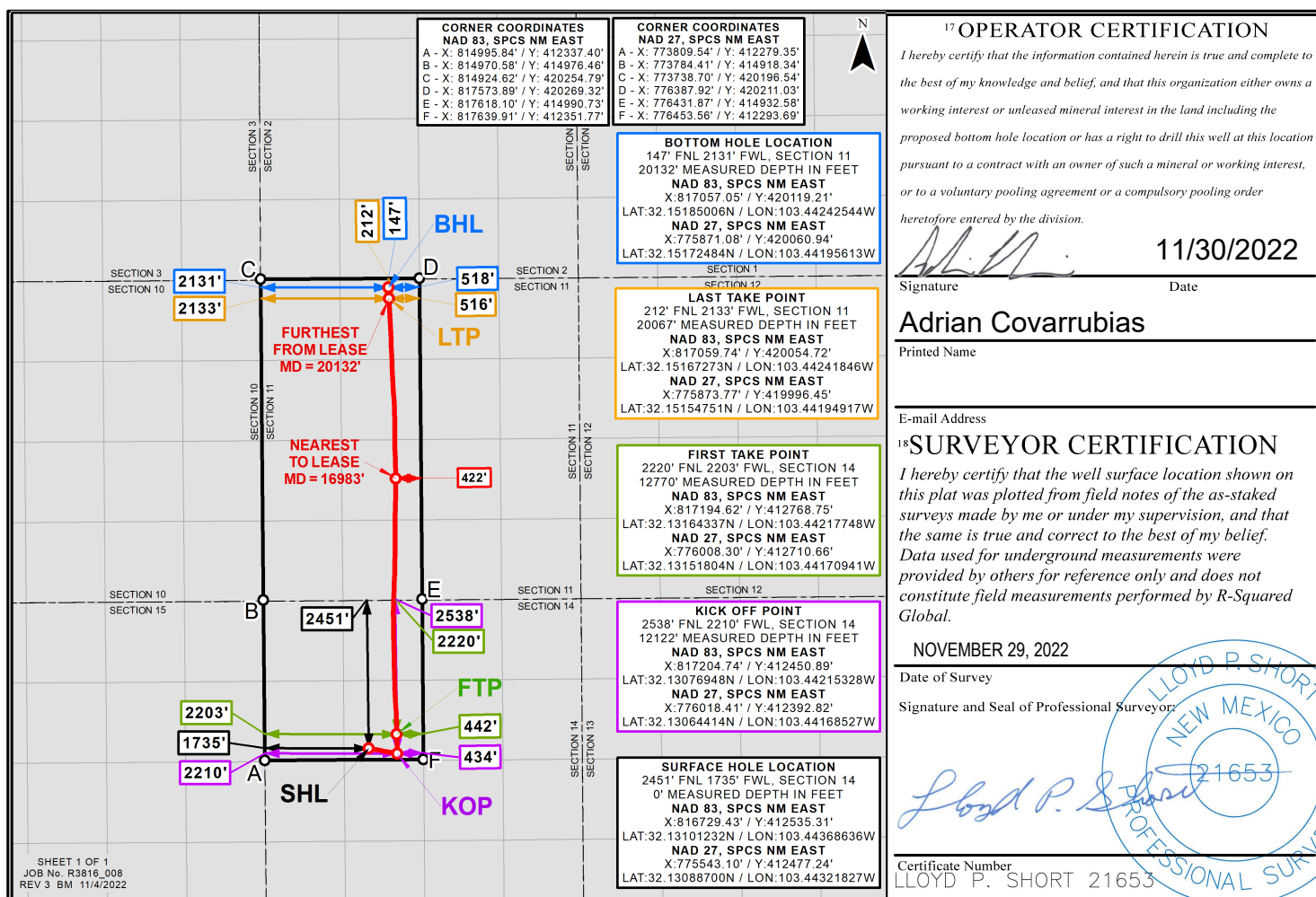
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-025-46597	² Pool Code 96944	³ Pool Name PITCHFORK RANCH; WOLFCAMP (SOUTH)
⁴ Property Code 322429	Property Name ENDER WIGGINS 14 WA FED COM	
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC.	⁶ Well Number 6H
		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	1735	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
C	11	25S	34E		147	NORTH	2131	WEST	LEA
¹² Dedicated Acres 480.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-20031						

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"



Survey Report

Service Company: SB Directional Services

Location:

Well: Ender Wiggins 14WA FC 6H

Rig: Precision 101

API or UWI: 30-025-46597

Job Number: 422735

State: NM

Operating Company: Marathon Oil

County: Lea

Magnetic Declination: 5.89

Country: USA

Proposed Azimuth: 359.54

Comment:

North Reference: GRID

Latitude: 0

Longitude: 0

Tie-In Data

MD	Inclination	Azimuth	TVD	NS	EW
0.00	0.00	0.00	0.00	0.00	0.00

Survey Data

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
137.00	0.85	351.26	136.99	1.00	-0.15	351.26	1.02	1.01	0.62
227.00	0.75	331.50	226.99	2.18	-0.54	346.18	2.25	2.19	0.32
319.00	0.73	358.12	318.98	3.30	-0.84	345.65	3.40	3.30	0.37
417.00	0.19	320.28	416.98	4.05	-0.97	346.55	4.16	4.05	0.60
511.00	0.14	207.63	510.98	4.06	-1.12	344.58	4.22	4.07	0.29
606.00	0.28	212.72	605.97	3.77	-1.30	340.96	3.98	3.78	0.15
700.00	0.13	188.86	699.97	3.47	-1.44	337.44	3.75	3.48	0.18
794.00	0.16	145.27	793.97	3.25	-1.38	336.99	3.54	3.26	0.12
889.00	0.20	39.53	888.97	3.27	-1.20	339.85	3.49	3.28	0.30
984.00	0.05	238.55	983.97	3.38	-1.13	341.50	3.56	3.39	0.26
1078.00	0.22	243.21	1077.97	3.28	-1.33	337.95	3.53	3.29	0.18
1120.00	0.48	239.42	1119.97	3.15	-1.55	333.80	3.51	3.16	0.62
1246.00	1.09	245.82	1245.96	2.39	-3.10	307.66	3.91	2.42	0.49
1341.00	1.12	245.65	1340.94	1.64	-4.77	288.96	5.04	1.68	0.03
1436.00	0.98	241.60	1435.93	0.87	-6.33	277.82	6.39	0.92	0.17
1531.00	1.11	256.78	1530.91	0.27	-7.94	271.96	7.94	0.34	0.32
1624.00	1.27	259.52	1623.89	-0.12	-9.83	269.29	9.83	-0.04	0.18
1719.00	1.36	251.01	1718.87	-0.68	-11.93	266.74	11.95	-0.58	0.23
1814.00	1.04	240.45	1813.84	-1.47	-13.75	263.89	13.83	-1.36	0.41
1909.00	1.02	232.65	1908.83	-2.41	-15.17	260.97	15.36	-2.29	0.15
2003.00	0.94	243.28	2002.82	-3.26	-16.52	258.82	16.84	-3.13	0.21
2098.00	1.04	250.28	2097.80	-3.91	-18.03	257.78	18.45	-3.76	0.17
2191.00	0.40	222.72	2190.79	-4.43	-19.05	256.91	19.55	-4.28	0.76
2286.00	1.42	91.86	2285.79	-4.71	-18.09	255.41	18.70	-4.57	1.80
2380.00	2.71	97.15	2379.72	-5.03	-14.72	251.16	15.56	-4.91	1.39

DigiDrill DataLogger

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
2475.00	4.16	92.96	2474.55	-5.48	-9.05	238.80	10.59	-5.41	1.55
2569.00	5.91	91.39	2568.18	-5.78	-0.81	187.99	5.83	-5.77	1.87
2664.00	6.50	90.14	2662.63	-5.91	9.46	122.00	11.15	-5.98	0.64
2758.00	7.04	93.16	2755.97	-6.24	20.53	106.90	21.45	-6.40	0.69
2853.00	7.49	93.43	2850.21	-6.93	32.52	102.03	33.25	-7.19	0.48
2947.00	7.30	99.84	2943.43	-8.32	44.52	100.58	45.29	-8.67	0.90
3042.00	7.17	99.78	3037.67	-10.36	56.31	100.42	57.26	-10.81	0.14
3135.00	7.81	101.00	3129.88	-12.55	68.23	100.42	69.38	-13.09	0.71
3230.00	7.89	99.79	3223.99	-14.89	80.99	100.42	82.35	-15.54	0.19
3325.00	7.63	100.51	3318.12	-17.15	93.62	100.38	95.18	-17.90	0.29
3419.00	7.15	98.04	3411.34	-19.10	105.55	100.26	107.26	-19.95	0.61
3514.00	6.72	96.84	3505.64	-20.59	116.92	99.99	118.72	-21.53	0.48
3608.00	6.32	97.96	3599.03	-21.96	127.51	99.77	129.38	-22.99	0.45
3703.00	5.66	95.52	3693.51	-23.14	137.35	99.56	139.28	-24.24	0.74
3798.00	5.68	97.61	3788.05	-24.21	146.67	99.37	148.66	-25.39	0.22
3893.00	6.01	97.27	3882.55	-25.46	156.26	99.26	158.33	-26.72	0.35
3987.00	5.25	101.74	3976.10	-26.96	165.36	99.26	167.54	-28.29	0.93
4082.00	5.04	105.48	4070.72	-28.96	173.63	99.47	176.03	-30.35	0.42
4178.00	4.89	101.47	4166.36	-30.90	181.71	99.65	184.32	-32.36	0.39
4272.00	4.89	106.23	4260.02	-32.81	189.48	99.83	192.30	-34.34	0.43
4367.00	5.05	106.63	4354.66	-35.14	197.37	100.10	200.48	-36.73	0.17
4461.00	4.86	99.61	4448.31	-36.99	205.27	100.22	208.57	-38.64	0.68
4555.00	5.02	102.50	4541.96	-38.55	213.21	100.25	216.66	-40.26	0.31
4650.00	6.29	103.13	4636.50	-40.63	222.33	100.36	226.01	-42.41	1.34
4744.00	7.31	105.17	4729.83	-43.36	233.12	100.54	237.12	-45.23	1.11
4839.00	5.39	98.09	4824.25	-45.57	243.37	100.61	247.60	-47.53	2.18
4934.00	6.49	97.81	4918.74	-46.93	253.11	100.50	257.42	-48.96	1.16
5028.00	7.28	104.29	5012.06	-49.12	264.14	100.53	268.67	-51.24	1.18
5123.00	7.46	105.53	5106.27	-52.26	275.92	100.72	280.82	-54.47	0.25
5218.00	5.51	99.45	5200.66	-54.66	286.36	100.81	291.53	-56.96	2.17
5313.00	4.72	96.53	5295.28	-55.85	294.74	100.73	299.99	-58.22	0.88
5408.00	4.02	95.35	5390.01	-56.61	301.94	100.62	307.20	-59.03	0.74
5503.00	3.99	99.53	5484.78	-57.47	308.52	100.55	313.82	-59.94	0.31
5598.00	4.00	99.56	5579.54	-58.56	315.04	100.53	320.44	-61.09	0.01
5693.00	4.35	96.34	5674.29	-59.51	321.89	100.47	327.35	-62.09	0.44
5788.00	4.21	95.80	5769.03	-60.26	328.94	100.38	334.42	-62.90	0.15
5883.00	3.60	98.17	5863.81	-61.04	335.36	100.32	340.87	-63.73	0.66
5977.00	3.82	97.16	5957.61	-61.85	341.39	100.27	346.95	-64.59	0.24
6072.00	3.45	100.28	6052.42	-62.75	347.34	100.24	352.97	-65.54	0.44
6167.00	3.49	98.62	6147.24	-63.70	353.02	100.23	358.72	-66.53	0.11
6262.00	4.63	105.01	6242.00	-65.12	359.58	100.27	365.43	-68.01	1.29
6356.00	5.06	98.32	6335.67	-66.70	367.34	100.29	373.35	-69.65	0.75
6452.00	4.58	100.53	6431.33	-68.02	375.30	100.27	381.42	-71.03	0.54
6547.00	4.55	103.67	6526.03	-69.60	382.69	100.31	388.97	-72.67	0.26
6642.00	4.81	104.91	6620.71	-71.52	390.20	100.39	396.70	-74.65	0.29
6737.00	4.44	106.84	6715.40	-73.61	397.57	100.49	404.33	-76.80	0.42
6832.00	4.59	102.16	6810.11	-75.47	404.81	100.56	411.78	-78.72	0.42
6926.00	4.32	109.02	6903.82	-77.42	411.83	100.65	419.04	-80.72	0.63
7021.00	4.32	109.49	6998.55	-79.78	418.59	100.79	426.12	-83.14	0.04
7116.00	4.31	106.04	7093.29	-81.96	425.39	100.91	433.21	-85.37	0.27
7211.00	4.04	108.08	7188.03	-83.98	432.00	101.00	440.09	-87.45	0.32
7305.00	3.90	108.24	7281.81	-86.01	438.19	101.11	446.55	-89.53	0.15
7399.00	2.94	109.02	7375.64	-87.80	443.50	101.20	452.11	-91.36	1.02

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
7494.00	1.80	103.46	7470.56	-88.94	447.25	101.25	456.01	-92.53	1.22
7589.00	1.71	90.29	7565.51	-89.29	450.12	101.22	458.89	-92.91	0.43
7683.00	1.71	93.58	7659.47	-89.39	452.93	101.16	461.66	-93.02	0.10
7778.00	1.65	95.04	7754.43	-89.60	455.70	101.12	464.43	-93.25	0.08
7872.00	1.02	101.30	7848.40	-89.88	457.87	101.11	466.61	-93.55	0.69
7967.00	0.95	77.99	7943.39	-89.88	459.47	101.07	468.18	-93.57	0.43
8061.00	0.72	109.49	8037.38	-89.92	460.79	101.04	469.48	-93.61	0.54
8156.00	0.31	166.13	8132.38	-90.37	461.41	101.08	470.18	-94.07	0.64
8251.00	0.73	155.37	8227.37	-91.17	461.73	101.17	470.64	-94.87	0.45
8344.00	0.23	153.07	8320.37	-91.87	462.06	101.25	471.10	-95.58	0.54
8438.00	0.11	32.10	8414.37	-91.96	462.19	101.25	471.25	-95.67	0.32
8533.00	0.09	52.61	8509.37	-91.84	462.30	101.24	471.33	-95.55	0.04
8628.00	0.19	118.00	8604.37	-91.87	462.50	101.23	471.53	-95.58	0.18
8723.00	0.17	154.19	8699.37	-92.07	462.70	101.25	471.77	-95.78	0.12
8818.00	0.53	156.92	8794.37	-92.60	462.93	101.31	472.10	-96.31	0.38
8913.00	0.67	161.18	8889.36	-93.53	463.28	101.41	472.63	-97.25	0.15
9008.00	0.78	187.21	8984.35	-94.70	463.38	101.55	472.96	-98.41	0.36
9103.00	0.99	183.31	9079.34	-96.16	463.25	101.73	473.13	-99.87	0.23
9197.00	0.95	190.81	9173.33	-97.73	463.06	101.92	473.26	-101.45	0.14
9293.00	0.81	195.02	9269.32	-99.17	462.74	102.10	473.24	-102.88	0.16
9387.00	0.84	196.80	9363.31	-100.47	462.36	102.26	473.15	-104.18	0.04
9482.00	0.76	200.72	9458.30	-101.73	461.94	102.42	473.01	-105.43	0.10
9577.00	0.42	254.70	9553.29	-102.41	461.38	102.51	472.61	-106.11	0.65
9672.00	2.07	330.56	9648.27	-101.01	460.20	102.38	471.16	-104.70	2.11
9773.00	2.90	332.55	9749.18	-97.15	458.13	101.97	468.32	-100.83	0.83
9868.00	3.30	331.78	9844.04	-92.61	455.73	101.49	465.04	-96.27	0.42
9963.00	2.84	329.46	9938.90	-88.17	453.24	101.01	461.74	-91.81	0.50
10058.00	2.83	326.17	10033.78	-84.20	450.74	100.58	458.53	-87.81	0.17
10153.00	2.34	320.68	10128.69	-80.75	448.20	100.21	455.42	-84.35	0.58
10248.00	1.81	317.48	10223.62	-78.14	445.96	99.94	452.75	-81.72	0.57
10342.00	1.55	317.24	10317.58	-76.12	444.09	99.73	450.57	-79.68	0.28
10437.00	2.11	327.89	10412.54	-73.69	442.29	99.46	448.39	-77.24	0.69
10532.00	1.84	352.17	10507.48	-70.70	441.15	99.10	446.78	-74.24	0.92
10627.00	2.20	52.58	10602.43	-68.08	442.39	98.75	447.60	-71.63	2.16
10722.00	2.36	53.86	10697.36	-65.82	445.42	98.41	450.26	-69.39	0.18
10816.00	1.95	54.36	10791.29	-63.74	448.28	98.09	452.79	-67.34	0.44
10910.00	1.46	104.19	10885.25	-63.11	450.75	97.97	455.14	-66.72	1.60
11005.00	1.37	126.89	10980.22	-64.08	452.83	98.06	457.34	-67.72	0.59
11099.00	1.00	126.57	11074.20	-65.25	454.38	98.17	459.05	-68.89	0.39
11194.00	2.25	143.18	11169.16	-67.23	456.17	98.38	461.10	-70.90	1.39
11289.00	2.71	146.65	11264.07	-70.60	458.52	98.75	463.92	-74.28	0.51
11384.00	2.21	147.11	11358.99	-74.02	460.75	99.13	466.66	-77.71	0.53
11478.00	1.78	132.21	11452.93	-76.52	462.81	99.39	469.10	-80.23	0.71
11573.00	1.63	128.32	11547.89	-78.35	464.97	99.56	471.52	-82.08	0.20
11668.00	1.02	115.33	11642.86	-79.55	466.79	99.67	473.52	-83.29	0.71
11762.00	1.16	102.37	11736.85	-80.11	468.48	99.70	475.28	-83.87	0.30
11857.00	1.27	121.96	11831.82	-80.87	470.31	99.76	477.21	-84.65	0.45
11944.00	1.65	128.20	11918.80	-82.16	472.11	99.87	479.21	-85.95	0.47
12067.00	1.72	133.51	12041.74	-84.53	474.84	100.09	482.31	-88.33	0.14
12162.00	1.43	349.57	12136.73	-84.34	475.66	100.05	483.08	-88.16	3.15
12209.00	4.81	355.72	12183.65	-81.80	475.41	99.76	482.40	-85.61	7.22
12257.00	7.81	358.96	12231.36	-76.53	475.20	99.15	481.32	-80.34	6.29
12303.00	10.49	356.91	12276.77	-69.22	474.92	98.29	479.94	-73.03	5.87

DigiDrill DataLogger

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www.digidrill.com

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
12350.00	14.67	356.13	12322.63	-59.01	474.28	97.09	477.94	-62.81	8.90
12397.00	21.99	356.98	12367.21	-44.26	473.42	95.34	475.48	-48.06	15.58
12444.00	28.93	359.65	12409.62	-24.08	472.88	92.92	473.50	-27.88	14.96
12491.00	36.30	359.29	12449.19	1.23	472.64	89.85	472.64	-2.56	15.69
12539.00	42.99	357.07	12486.13	31.82	471.63	86.14	472.70	28.03	14.24
12633.00	58.11	356.95	12545.68	104.09	467.85	77.46	479.29	100.34	16.09
12680.00	68.81	358.28	12566.65	146.04	466.12	72.60	488.46	142.30	22.91
12728.00	78.09	359.89	12580.31	192.00	465.40	67.58	503.45	188.26	19.60
12824.00	83.40	359.54	12595.75	286.71	464.93	58.34	546.23	282.97	5.54
12918.00	84.47	358.60	12605.68	380.17	463.41	50.64	599.40	376.44	1.51
13013.00	84.81	358.07	12614.55	474.72	460.66	44.14	661.49	471.00	0.66
13108.00	86.61	356.60	12621.66	569.34	456.26	38.71	729.60	565.66	2.44
13203.00	87.82	355.82	12626.27	664.02	449.98	34.12	802.13	660.38	1.51
13297.00	89.83	356.66	12628.20	757.79	443.82	30.36	878.19	754.20	2.32
13392.00	90.53	357.61	12627.90	852.67	439.07	27.25	959.08	849.12	1.24
13486.00	90.78	357.94	12626.83	946.59	435.43	24.70	1041.94	943.07	0.44
13581.00	91.51	357.35	12624.93	1041.49	431.52	22.51	1127.35	1037.99	0.99
13676.00	92.13	359.23	12621.91	1136.40	428.69	20.67	1214.57	1132.92	2.08
13769.00	91.20	358.95	12619.21	1229.35	427.21	19.16	1301.46	1225.88	1.04
13864.00	91.15	358.93	12617.26	1324.31	425.46	17.81	1390.97	1320.85	0.06
13959.00	91.04	358.74	12615.45	1419.27	423.52	16.62	1481.12	1415.83	0.23
14053.00	91.32	358.00	12613.51	1513.21	420.85	15.54	1570.65	1509.79	0.84
14147.00	91.46	359.62	12611.23	1607.16	418.90	14.61	1660.86	1603.75	1.73
14242.00	88.96	358.45	12610.88	1702.14	417.30	13.78	1752.55	1698.73	2.91
14336.00	89.02	359.30	12612.54	1796.11	415.45	13.02	1843.53	1792.71	0.91
14431.00	88.82	359.10	12614.33	1891.08	414.13	12.35	1935.89	1887.69	0.30
14525.00	87.96	358.97	12616.97	1985.03	412.55	11.74	2027.44	1981.65	0.93
14620.00	88.23	359.01	12620.13	2079.96	410.87	11.17	2120.15	2076.59	0.29
14715.00	90.28	0.05	12621.36	2174.94	410.09	10.68	2213.27	2171.58	2.42
14810.00	90.36	0.13	12620.83	2269.94	410.24	10.24	2306.71	2266.57	0.12
14904.00	90.76	1.41	12619.92	2363.93	411.51	9.87	2399.48	2360.55	1.43
14998.00	90.34	2.38	12619.01	2457.87	414.61	9.57	2492.59	2454.46	1.12
15093.00	88.85	2.18	12619.68	2552.79	418.39	9.31	2586.85	2549.35	1.58
15187.00	88.24	2.26	12622.07	2646.69	422.03	9.06	2680.12	2643.21	0.65
15282.00	87.48	2.18	12625.62	2741.55	425.71	8.83	2774.40	2738.04	0.80
15377.00	86.97	1.79	12630.22	2836.38	429.00	8.60	2868.64	2832.84	0.68
15471.00	88.66	1.40	12633.80	2930.27	431.61	8.38	2961.89	2926.71	1.85
15566.00	88.15	0.98	12636.45	3025.21	433.58	8.16	3056.13	3021.64	0.70
15660.00	88.10	1.31	12639.52	3119.15	435.46	7.95	3149.40	3115.55	0.35
15755.00	87.25	1.10	12643.38	3214.05	437.46	7.75	3243.68	3210.43	0.92
15849.00	89.50	0.50	12646.04	3307.99	438.77	7.56	3336.96	3304.36	2.48
15943.00	89.16	0.43	12647.14	3401.98	439.53	7.36	3430.26	3398.34	0.37
16038.00	88.43	0.09	12649.14	3496.96	439.96	7.17	3524.53	3493.31	0.85
16133.00	88.60	359.41	12651.60	3591.93	439.55	6.98	3618.72	3588.28	0.74
16227.00	89.61	1.44	12653.07	3685.91	440.25	6.81	3712.10	3682.25	2.41
16321.00	87.73	358.89	12655.25	3779.87	440.52	6.65	3805.45	3776.21	3.37
16415.00	89.94	0.91	12657.16	3873.84	440.35	6.49	3898.79	3870.18	3.18
16510.00	87.76	1.90	12659.07	3968.78	442.68	6.36	3993.40	3965.10	2.52
16604.00	90.14	1.46	12660.79	4062.72	445.44	6.26	4087.07	4059.01	2.57
16699.00	90.78	1.13	12660.03	4157.69	447.58	6.14	4181.71	4153.96	0.76
16794.00	90.95	0.97	12658.59	4252.67	449.32	6.03	4276.34	4248.92	0.25
16888.00	90.73	0.47	12657.22	4346.65	450.51	5.92	4369.93	4342.89	0.58
16983.00	86.89	358.98	12659.19	4441.61	450.05	5.79	4464.35	4437.85	4.34

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
17078.00	89.13	358.26	12662.49	4536.51	447.76	5.64	4558.56	4532.77	2.48
17172.00	91.29	358.47	12662.14	4630.47	445.08	5.49	4651.81	4626.75	2.31
17267.00	89.58	357.73	12661.42	4725.41	441.93	5.34	4746.03	4721.71	1.96
17361.00	88.80	358.43	12662.75	4819.35	438.78	5.20	4839.28	4815.67	1.11
17456.00	89.08	357.92	12664.51	4914.28	435.76	5.07	4933.56	4910.62	0.61
17550.00	88.96	359.06	12666.12	5008.23	433.28	4.94	5026.94	5004.59	1.22
17645.00	89.78	0.88	12667.16	5103.22	433.23	4.85	5121.58	5099.58	2.10
17739.00	89.61	1.20	12667.66	5197.21	434.94	4.78	5215.37	5193.55	0.39
17833.00	87.48	359.79	12670.05	5291.16	435.75	4.71	5309.08	5287.50	2.72
17928.00	88.49	358.22	12673.39	5386.09	434.10	4.61	5403.55	5382.43	1.96
18022.00	88.80	357.53	12675.61	5480.00	430.62	4.49	5496.89	5476.36	0.80
18117.00	88.52	358.06	12677.83	5574.90	426.96	4.38	5591.22	5571.29	0.63
18211.00	87.79	357.44	12680.86	5668.78	423.27	4.27	5684.56	5665.20	1.02
18306.00	87.68	355.50	12684.61	5763.52	417.43	4.14	5778.61	5759.98	2.04
18401.00	88.91	355.44	12687.44	5858.18	409.93	4.00	5872.50	5854.70	1.30
18495.00	89.97	355.78	12688.36	5951.90	402.74	3.87	5965.51	5948.47	1.18
18589.00	92.16	356.40	12686.61	6045.65	396.33	3.75	6058.63	6042.28	2.42
18684.00	92.80	357.51	12682.50	6140.43	391.29	3.65	6152.88	6137.09	1.35
18779.00	92.83	358.83	12677.84	6235.26	388.26	3.56	6247.34	6231.95	1.39
18873.00	92.86	357.79	12673.17	6329.11	385.49	3.49	6340.83	6325.81	1.11
18968.00	93.98	357.53	12667.50	6423.86	381.61	3.40	6435.18	6420.59	1.21
19062.00	95.10	357.89	12660.06	6517.49	377.87	3.32	6528.43	6514.24	1.25
19156.00	95.72	357.76	12651.20	6611.00	374.32	3.24	6621.59	6607.78	0.67
19251.00	93.33	357.79	12643.71	6705.62	370.64	3.16	6715.86	6702.43	2.52
19345.00	92.60	358.96	12638.84	6799.46	367.98	3.10	6809.41	6796.28	1.47
19440.00	89.66	356.86	12636.97	6894.36	364.52	3.03	6903.99	6891.21	3.80
19534.00	87.56	355.86	12639.25	6988.14	358.55	2.94	6997.33	6985.03	2.47
19628.00	86.92	357.13	12643.78	7081.85	352.81	2.85	7090.63	7078.79	1.51
19723.00	86.33	357.04	12649.37	7176.56	347.99	2.78	7184.99	7173.54	0.63
19817.00	86.02	356.96	12655.64	7270.22	343.08	2.70	7278.31	7267.24	0.34
19912.00	86.16	357.05	12662.12	7364.87	338.13	2.63	7372.63	7361.92	0.18
20007.00	85.18	357.31	12669.29	7459.49	333.47	2.56	7466.94	7456.57	1.07
20071.00	85.12	357.31	12674.70	7523.19	330.47	2.52	7530.44	7520.29	0.09

Projected Survey

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
20132.00	85.12	357.31	12679.89	7583.90	327.62	2.47	7590.97	7581.02	0.00

Submit Copy To Appropriate District 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. 30-025-46597
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Ender Wiggins 14 WA Federal Com
8. Well Number 6H
9. OGRID Number 372098
10. Pool name or Wildcat Pitchfork Ranch; Wolfcamp (South)
4. Well Location Unit Letter <u>F</u> : <u>2451</u> feet from the <u>NORTH</u> line and <u>1735</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.

8/23/2022 - Started frac prep operations.
 8/24/2022 - MIRU equipment. Pressure test production casing to 13,000 psi for 30 min, held, good test.
 8/26/2022 - Start frac stages 1-30 with 2 shots per foot for a total of 720 shots, 0.41-in. in size using 18,256,774 lbs of propan and 446,587 bbls of brackish water. Total interval from 12770' to 20067'.
 9/23/2022 - Finished frac last stage. RDMO frac and support equipment.
 10/9/2022 - Well Ready to Produce
 10/13/2022 - Open well and commence flowback and turn to well to production.

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

Spud Date:

4/10/2022

Rig Release Date:

5/21/2022

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

SIGNATURE

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. 30-025-46597		
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 WA Federal Com		
								6. Well Number: 6H		
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:	F	14	25S	34E		2451	NORTH	1735	WEST	LEA
BH:	C	11	25S	34E		147	NORTH	2131	WEST	LEA
13. Date Spudded 4/10/2022	14. Date T.D. Reached 5/19/2022		15. Date Rig Released 5/21/2022		16. Date Completed (Ready to Produce) 10/9/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3332' GL		
18. Total Measured Depth of Well 20132'			19. Plug Back Measured Depth 20112'		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run GR		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,770' - 20,067'; 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		1170'		17-1/2"		Lead: 590 sacks, 2.14 yield, Class C Tail: 235 sacks, 1.32 yield, Class A		
9-5/8"		40#, P110, BTC		12002'		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		20117'		8-3/4"		Lead: 1754 sacks, 1.96 yield, Class H Tail: 1550 sacks, 1.40 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) 12,770' - 20,067'; 0.41", 720 shots						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,770' - 20,067'		18,256,774 lbs proppant		
						12,770' - 20,067'		18,756,654 gal brackish water		
28. PRODUCTION										
Date First Production 10/13/2022		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 38/64	Prod'n For Test Period	Oil - Bbl 1609	Gas - MCF 2827	Water - Bbl. 2428	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure 1302	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			Adv. Regulatory Compliance Rep			4/3/2023	
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. 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 WA Fed Com 6H	
Rustler	908
Salado	1411
Castile	3610
Base Salt	5404
Lamar	5404
Delaware Sands (Bell Canyon)	5434
Cherry Canyon	6548
Brushy Canyon	8001
Bone Spring	9338
Bone Spring 1st	10260
Bone Spring 2nd	10914
Bone Spring 3rd	11897
Wolfcamp	12770

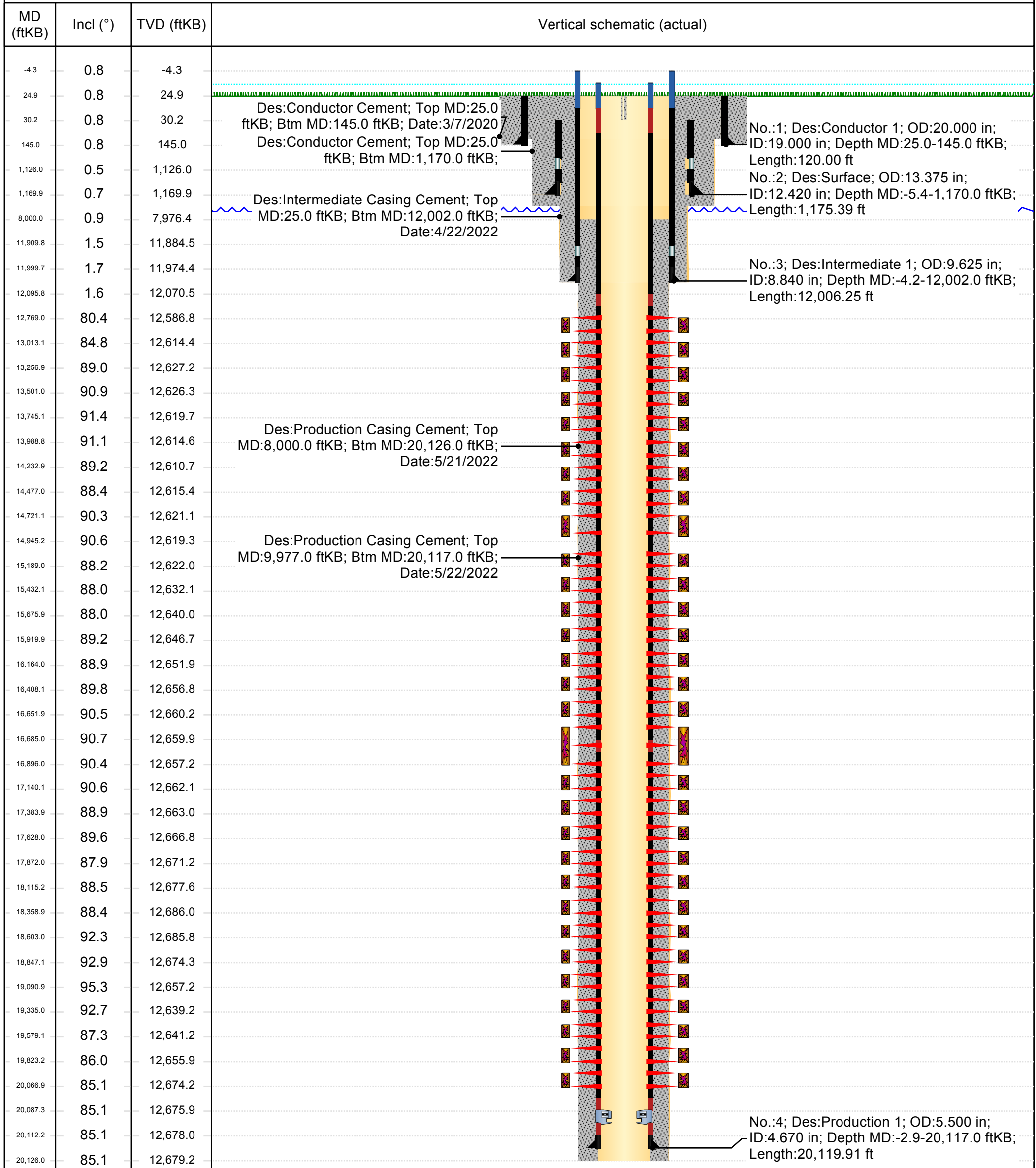


Wellbore Schematic

Well Name: ENDER WIGGINS 14 WA FED COM 6H

State/Province NEW MEXICO	Country UNITED STATES	Field Name	Latitude (°) 32.13084210	Longitude (°) -103.44321930	North/South Distance (ft) 2,451.0	North/South Reference FNL
API/ IPO UWI 3002546597	KB-Ground Distance (ft) 25.00	KB-Mud Line Distance (ft)	Ground Elevation (ft) 3,332.00	Drilling Rig Spud Date 4/10/2022	Well Original Completion Date 10/7/2022	Well First Production Date 10/13/2022

HORIZONTAL, ENDER WIGGINS 14 WA FED COM 6H, 10/31/2022 8:13:23 AM



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 254989

ACKNOWLEDGMENTS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 254989
	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.

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 254989

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 254989
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	8/22/2023