

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 - 2/17/2024
⁴ API Number 30 - 025-51266	⁵ Pool Name WC-025 G-08 S243217P; UPR WOLFCAMP	⁶ Pool Code 98248
⁷ Property Code 334584	⁸ Property Name BING CLAWSBY WC FEDERAL COM	⁹ Well Number 703H

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
O	15	23S	32E		393	SOUTH	1403	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
L1	3	23S	32E		101	NORTH	985	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
24650	TARGA MIDSTREAM SERVICES LLC 811 Louisiana St., Ste 2100, Houston, TX 77002	G
34053	PLAINS MARKETING, L.P. 333 Clay St., Ste 1900, Houston, TX 77002	O
371643	SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy, Ste 400, Houston, TX 77024	W

IV. Well Completion Data

²¹ Spud Date 7/16/2023	²² Ready Date 2/17/2024	²³ TD 27649'	²⁴ PBDT 27639'	²⁵ Perforations 12,344' - 27,598'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8", 54.5#, J55, BTC	1250'	Tail: 1207 sks, 1.33 yield, Class C		
12-1/4"	9-5/8", 40#, P110, BTC	11622'	Lead: 1319 sks, 3.92 yield, Class C Tail: 1104 sks, 1.33 yield, Class C		
8-3/4"	5-1/2", 23#, P110, VTC	27639'	Lead: 1675 sks, 1.48 yield, Class H Tail: 3839 sks, 1.33 yield, Class H		

V. Well Test Data

³¹ Date New Oil 2/17/2024	³² Gas Delivery Date 2/17/2024	³³ Test Date 2/25/2024	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 3259
³⁷ Choke Size 42/64	³⁸ Oil 3513	³⁹ Water 6816	⁴⁰ Gas 6465		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: <i>Adrian Covarrubias</i>			OIL CONSERVATION DIVISION		
Printed name: Adrian Covarrubias			Approved by:		
Title: Adv. Regulatory Compliance Representative			Title:		
E-mail Address: acovarrubias@marathonoil.com			Approval Date:		
Date: 3/5/2024		Phone: 713-296-3368			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-025-51266	² Pool Code 98248	³ Pool Name WC-025 G-08 S243217P; UPR WOLFCAMP
⁴ Property Code 334584	⁵ Property Name BING CLAWSBY WC FEDERAL COM	⁶ Well Number 703H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3709'

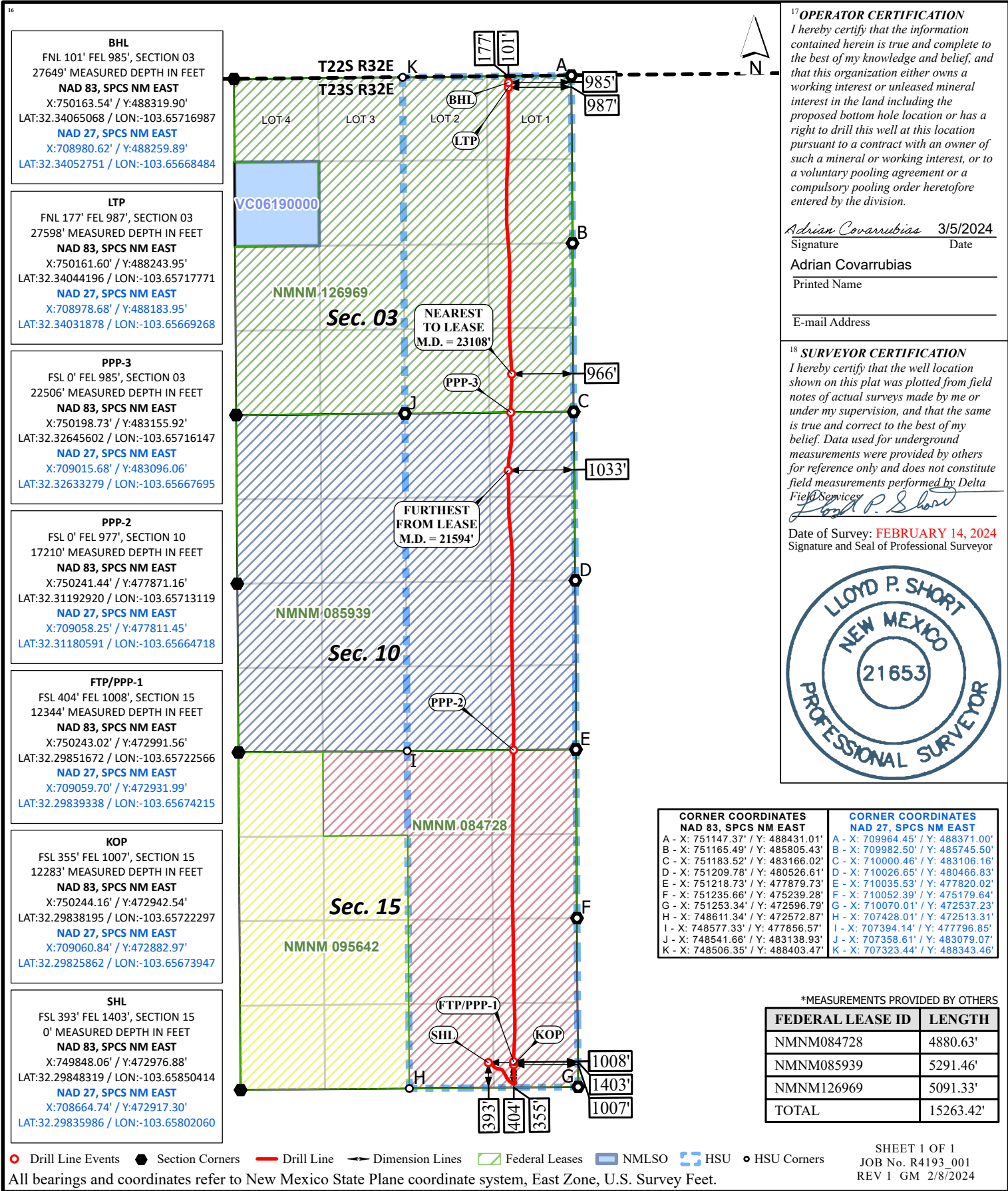
¹⁰ Surface Location

UL or lot no. O	Section 15	Township 23S	Range 32E	Lot Idn	Feet from the 393'	North/South line SOUTH	Feet from the 1403'	East/West line EAST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. L 1	Section 3	Township 23S	Range 32E	Lot Idn	Feet from the 101'	North/South line NORTH	Feet from the 985'	East/West line EAST	County LEA
¹² Dedicated Acres 959.22	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.





Marathon Oil Permian LLC

Lea County, NM (NAD27 NME)

Bing Clawsby 15-10

Bing Clawsby WC Federal Com 703H

OH / 72764

Design: Surveys (Cactus 171)

Standard Survey Report

24 October, 2023





Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Bing Clawsby WC Federal Com 703H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3732.60usft (Cactus 171)
Site:	Bing Clawsby 15-10	MD Reference:	RKB @ 3732.60usft (Cactus 171)
Well:	Bing Clawsby WC Federal Com 703H	North Reference:	Grid
Wellbore:	OH / 72764	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 171)	Database:	USAEDMDB

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	Bing Clawsby 15-10		
Site Position:		Northing:	472,917.30 usft
From:	Map	Easting:	708,634.73 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 17' 54.097368 N
		Longitude:	103° 39' 29.223684 W

Well	Bing Clawsby WC Federal Com 703H		
Well Position	+N/-S	0.00 usft	Northing: 472,917.30 usft
	+E/-W	0.00 usft	Easting: 708,664.74 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
Grid Convergence:	0.361 °	Ground Level:	3,709.00 usft

Wellbore	OH / 72764				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	2023-07-15	6.435	59.890	47,513.00000000

Design	Surveys (Cactus 171)				
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	359.62	

Survey Program	Date	2023-10-24			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
146.00	27,649.00	Phoenix MWD Surveys (OH / 72764)	MWD+IFR1+MS	OWSG Rev. 2 MWD + IFR1 + Multi-Station Corre	

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	
146.00	0.85	281.80	145.99	0.22	-1.06	0.23	0.58	0.58	0.00	
First Phoenix MWD Survey										
234.00	1.13	289.41	233.98	0.64	-2.52	0.66	0.35	0.32	8.65	
322.00	0.45	339.35	321.97	1.26	-3.46	1.28	1.03	-0.77	56.75	
413.00	0.66	30.26	412.97	2.04	-3.32	2.06	0.56	0.23	55.95	
508.00	1.07	20.50	507.96	3.35	-2.73	3.36	0.46	0.43	-10.27	
600.00	1.07	1.60	599.94	5.01	-2.41	5.02	0.38	0.00	-20.54	
691.00	1.33	352.25	690.92	6.90	-2.53	6.92	0.36	0.29	-10.27	
783.00	1.02	2.04	782.90	8.78	-2.64	8.80	0.40	-0.34	10.64	



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Well:	Bing Clawsby WC Federal Com 703H	North Reference:	Grid
Wellbore:	OH / 72764	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 171)	Database:	USAEDMDB

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)
875.00	0.99	27.16	874.89	10.31	-2.25	10.32	0.48	-0.03	27.30
966.00	0.72	14.81	965.88	11.56	-1.75	11.57	0.36	-0.30	-13.57
1,059.00	0.60	351.17	1,058.87	12.60	-1.67	12.62	0.32	-0.13	-25.42
1,151.00	0.48	333.28	1,150.87	13.42	-1.92	13.44	0.22	-0.13	-19.45
1,187.00	0.63	325.76	1,186.87	13.72	-2.10	13.74	0.46	0.42	-20.89
1,317.00	0.22	342.22	1,316.86	14.55	-2.58	14.57	0.33	-0.32	12.66
1,412.00	0.14	31.87	1,411.86	14.82	-2.57	14.84	0.18	-0.08	52.26
1,505.00	0.23	33.31	1,504.86	15.08	-2.41	15.09	0.10	0.10	1.55
1,601.00	0.30	18.43	1,600.86	15.48	-2.22	15.49	0.10	0.07	-15.50
1,696.00	0.43	5.83	1,695.86	16.07	-2.11	16.08	0.16	0.14	-13.26
1,789.00	0.49	11.59	1,788.86	16.80	-1.99	16.82	0.08	0.06	6.19
1,884.00	0.36	3.77	1,883.85	17.50	-1.89	17.51	0.15	-0.14	-8.23
1,979.00	0.51	9.63	1,978.85	18.21	-1.80	18.23	0.16	0.16	6.17
2,074.00	0.33	347.70	2,073.85	18.90	-1.79	18.91	0.25	-0.19	-23.08
2,168.00	0.40	348.79	2,167.85	19.48	-1.91	19.50	0.07	0.07	1.16
2,263.00	0.43	349.99	2,262.84	20.16	-2.04	20.17	0.03	0.03	1.26
2,358.00	0.57	356.89	2,357.84	20.98	-2.12	21.00	0.16	0.15	7.26
2,454.00	0.55	357.38	2,453.84	21.92	-2.17	21.93	0.02	-0.02	0.51
2,548.00	0.70	358.64	2,547.83	22.95	-2.20	22.96	0.16	0.16	1.34
2,643.00	0.68	359.65	2,642.82	24.09	-2.22	24.10	0.02	-0.02	1.06
2,738.00	0.80	359.29	2,737.82	25.32	-2.23	25.33	0.13	0.13	-0.38
2,832.00	0.96	8.23	2,831.81	26.75	-2.13	26.76	0.22	0.17	9.51
2,927.00	1.01	6.82	2,926.79	28.37	-1.92	28.38	0.06	0.05	-1.48
3,021.00	1.11	11.49	3,020.78	30.09	-1.64	30.10	0.14	0.11	4.97
3,116.00	1.14	14.49	3,115.76	31.90	-1.22	31.91	0.07	0.03	3.16
3,211.00	1.26	18.38	3,210.74	33.81	-0.65	33.81	0.15	0.13	4.09
3,304.00	1.29	15.68	3,303.71	35.79	-0.04	35.79	0.07	0.03	-2.90
3,399.00	1.37	17.42	3,398.69	37.90	0.58	37.89	0.09	0.08	1.83
3,493.00	1.32	17.19	3,492.66	40.01	1.24	40.00	0.05	-0.05	-0.24
3,588.00	1.39	18.90	3,587.63	42.14	1.94	42.13	0.09	0.07	1.80
3,682.00	1.37	16.05	3,681.61	44.30	2.62	44.28	0.08	-0.02	-3.03
3,776.00	1.37	14.10	3,775.58	46.47	3.20	46.45	0.05	0.00	-2.07
3,870.00	0.70	58.62	3,869.57	47.86	3.97	47.83	1.06	-0.71	47.36
3,964.00	2.50	138.92	3,963.53	46.61	5.80	46.57	2.64	1.91	85.43
4,059.00	4.45	146.31	4,058.35	41.98	9.21	41.92	2.10	2.05	7.78
4,153.00	5.05	145.73	4,152.03	35.53	13.56	35.44	0.64	0.64	-0.62
4,249.00	5.17	146.79	4,247.65	28.42	18.31	28.30	0.16	0.13	1.10
4,343.00	5.06	142.93	4,341.28	21.57	23.13	21.41	0.38	-0.12	-4.11
4,438.00	5.07	144.84	4,435.90	14.79	28.07	14.61	0.18	0.01	2.01
4,532.00	4.85	141.37	4,529.55	8.29	32.94	8.08	0.40	-0.23	-3.69
4,627.00	4.38	139.88	4,624.24	2.38	37.79	2.13	0.51	-0.49	-1.57
4,722.00	3.96	141.91	4,718.99	-2.97	42.15	-3.25	0.47	-0.44	2.14
4,816.00	3.61	140.60	4,812.79	-7.81	46.03	-8.12	0.38	-0.37	-1.39



Survey Report



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Wellbore:	OH / 72764	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 171)	Database:	USAEDMDB

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)
4,911.00	3.29	138.08	4,907.61	-12.15	49.75	-12.48	0.37	-0.34	-2.65
5,006.00	3.37	144.11	5,002.45	-16.44	53.21	-16.80	0.38	0.08	6.35
5,100.00	3.28	142.60	5,096.30	-20.82	56.46	-21.19	0.13	-0.10	-1.61
5,195.00	3.39	137.86	5,191.14	-25.06	60.00	-25.46	0.31	0.12	-4.99
5,290.00	3.52	144.79	5,285.96	-29.53	63.56	-29.95	0.46	0.14	7.29
5,384.00	3.41	146.38	5,379.79	-34.21	66.77	-34.65	0.16	-0.12	1.69
5,479.00	3.79	144.62	5,474.60	-39.12	70.16	-39.59	0.42	0.40	-1.85
5,573.00	4.35	144.07	5,568.37	-44.54	74.05	-45.03	0.60	0.60	-0.59
5,668.00	4.43	143.35	5,663.09	-50.41	78.35	-50.92	0.10	0.08	-0.76
5,762.00	4.40	139.43	5,756.81	-56.06	82.86	-56.61	0.32	-0.03	-4.17
5,856.00	4.81	135.85	5,850.51	-61.62	87.95	-62.21	0.53	0.44	-3.81
5,951.00	4.35	132.58	5,945.20	-66.92	93.38	-67.54	0.56	-0.48	-3.44
6,045.00	4.47	133.08	6,038.92	-71.83	98.68	-72.49	0.13	0.13	0.53
6,140.00	4.18	128.54	6,133.65	-76.52	104.09	-77.21	0.47	-0.31	-4.78
6,234.00	4.55	125.84	6,227.38	-80.84	109.80	-81.56	0.45	0.39	-2.87
6,329.00	4.86	117.92	6,322.06	-84.93	116.41	-85.70	0.76	0.33	-8.34
6,424.00	4.99	117.40	6,416.71	-88.71	123.63	-89.53	0.14	0.14	-0.55
6,519.00	5.01	110.42	6,511.35	-92.06	131.19	-92.93	0.64	0.02	-7.35
6,613.00	4.98	107.69	6,604.99	-94.73	138.92	-95.65	0.25	-0.03	-2.90
6,708.00	4.92	105.77	6,699.64	-97.09	146.77	-98.07	0.19	-0.06	-2.02
6,802.00	4.77	98.60	6,793.30	-98.77	154.51	-99.80	0.66	-0.16	-7.63
6,897.00	4.88	99.14	6,887.97	-100.01	162.41	-101.08	0.13	0.12	0.57
6,992.00	4.73	94.78	6,982.63	-100.97	170.30	-102.10	0.42	-0.16	-4.59
7,086.00	4.78	95.07	7,076.31	-101.64	178.06	-102.82	0.06	0.05	0.31
7,181.00	4.84	96.75	7,170.98	-102.46	185.99	-103.70	0.16	0.06	1.77
7,276.00	4.71	100.82	7,265.65	-103.67	193.80	-104.95	0.38	-0.14	4.28
7,371.00	4.88	108.07	7,360.31	-105.65	201.47	-106.99	0.66	0.18	7.63
7,467.00	5.04	118.38	7,455.96	-108.92	209.06	-110.31	0.94	0.17	10.74
7,561.00	4.72	128.33	7,549.62	-113.29	215.73	-114.71	0.96	-0.34	10.59
7,657.00	4.94	140.44	7,645.28	-118.92	221.46	-120.39	1.08	0.23	12.61
7,752.00	4.94	149.98	7,739.93	-125.62	226.11	-127.11	0.86	0.00	10.04
7,846.00	4.67	147.63	7,833.60	-132.35	230.18	-133.88	0.36	-0.29	-2.50
7,941.00	4.90	149.48	7,928.27	-139.12	234.32	-140.67	0.29	0.24	1.95
8,035.00	4.68	148.98	8,021.94	-145.86	238.33	-147.44	0.24	-0.23	-0.53
8,130.00	4.73	148.22	8,116.62	-152.51	242.39	-154.11	0.08	0.05	-0.80
8,225.00	4.80	152.82	8,211.29	-159.38	246.27	-161.01	0.41	0.07	4.84
8,320.00	4.83	152.53	8,305.96	-166.46	249.93	-168.11	0.04	0.03	-0.31
8,414.00	4.95	149.10	8,399.61	-173.45	253.84	-175.13	0.34	0.13	-3.65
8,508.00	4.73	150.51	8,493.28	-180.30	257.83	-182.01	0.27	-0.23	1.50
8,603.00	4.68	154.40	8,587.96	-187.21	261.43	-188.94	0.34	-0.05	4.09
8,698.00	4.68	150.94	8,682.64	-194.09	264.99	-195.85	0.30	0.00	-3.64
8,793.00	4.47	154.83	8,777.34	-200.83	268.45	-202.61	0.39	-0.22	4.09
8,888.00	4.28	150.19	8,872.06	-207.26	271.78	-209.05	0.42	-0.20	-4.88



Survey Report



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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)
8,982.00	4.03	154.00	8,965.82	-213.27	274.97	-215.09	0.40	-0.27	4.05
9,077.00	3.64	152.05	9,060.60	-218.93	277.85	-220.77	0.43	-0.41	-2.05
9,172.00	3.69	148.64	9,155.41	-224.21	280.85	-226.07	0.24	0.05	-3.59
9,296.00	3.68	154.86	9,279.15	-231.22	284.62	-233.10	0.32	-0.01	5.02
9,391.00	4.03	147.40	9,373.94	-236.79	287.72	-238.69	0.64	0.37	-7.85
9,487.00	4.56	143.43	9,469.67	-242.70	291.81	-244.63	0.63	0.55	-4.14
9,583.00	4.09	143.02	9,565.39	-248.50	296.14	-250.46	0.49	-0.49	-0.43
9,677.00	3.95	140.68	9,659.16	-253.68	300.21	-255.66	0.23	-0.15	-2.49
9,772.00	3.64	142.76	9,753.96	-258.61	304.11	-260.62	0.36	-0.33	2.19
9,866.00	3.45	145.55	9,847.78	-263.32	307.51	-265.35	0.27	-0.20	2.97
9,961.00	3.46	142.67	9,942.60	-267.96	310.87	-270.01	0.18	0.01	-3.03
10,026.00	3.72	142.79	10,007.48	-271.19	313.33	-273.27	0.40	0.40	0.18
10,120.00	5.80	135.97	10,101.15	-277.04	318.48	-279.14	2.29	2.21	-7.26
10,215.00	7.29	135.41	10,195.52	-284.78	326.05	-286.94	1.57	1.57	-0.59
10,311.00	6.43	136.48	10,290.84	-293.02	334.02	-295.23	0.91	-0.90	1.11
10,405.00	6.19	128.29	10,384.27	-299.98	341.63	-302.23	0.99	-0.26	-8.71
10,500.00	5.57	123.10	10,478.77	-305.67	349.51	-307.98	0.86	-0.65	-5.46
10,594.00	5.05	123.74	10,572.37	-310.46	356.77	-312.82	0.56	-0.55	0.68
10,689.00	5.09	125.07	10,666.99	-315.20	363.70	-317.61	0.13	0.04	1.40
10,785.00	4.81	128.94	10,762.64	-320.18	370.31	-322.63	0.45	-0.29	4.03
10,881.00	4.14	131.22	10,858.34	-324.99	376.05	-327.48	0.72	-0.70	2.38
10,975.00	3.88	129.21	10,952.11	-329.24	381.07	-331.76	0.31	-0.28	-2.14
11,070.00	4.01	117.88	11,046.89	-332.82	386.49	-335.38	0.83	0.14	-11.93
11,165.00	3.89	101.40	11,141.67	-335.01	392.59	-337.61	1.20	-0.13	-17.35
11,260.00	5.32	86.50	11,236.36	-335.38	400.14	-338.03	1.95	1.51	-15.68
11,354.00	7.30	70.56	11,329.79	-333.13	410.13	-335.84	2.79	2.11	-16.96
11,448.00	7.42	54.40	11,423.03	-327.60	420.69	-330.39	2.20	0.13	-17.19
11,517.00	6.68	33.49	11,491.52	-321.66	426.53	-324.48	3.85	-1.07	-30.30
11,670.00	7.71	321.99	11,643.58	-306.13	425.12	-308.94	5.51	0.67	-46.73
KOP: 11670.00' MD, 11643.58' TVD - Lat: 32.297511, Long: -103.656651									
11,765.00	12.52	336.36	11,737.09	-291.66	417.06	-294.42	5.68	5.06	15.13
11,777.39	14.14	338.87	11,749.15	-289.02	415.98	-291.77	13.86	13.06	20.25
FTP: 11777.39' MD, 11749.15' TVD - Lat: 32.297558, Long: -103.656680									
11,859.00	25.12	347.28	11,825.91	-262.74	408.55	-265.45	13.86	13.46	10.31
11,954.00	35.64	0.85	11,907.85	-215.21	404.50	-217.89	13.16	11.07	14.28
12,049.00	39.33	357.12	11,983.23	-157.44	403.40	-160.11	4.56	3.88	-3.93
12,143.00	44.48	356.10	12,053.17	-94.79	399.66	-97.44	5.53	5.48	-1.09
12,237.00	50.80	357.12	12,116.47	-25.49	395.58	-28.11	6.77	6.72	1.09
12,331.00	59.57	0.90	12,170.10	51.58	394.39	48.96	9.89	9.33	4.02
12,426.00	72.67	3.57	12,208.48	138.18	397.87	135.53	14.03	13.79	2.81
12,521.00	82.13	2.71	12,229.18	230.64	402.93	227.97	10.00	9.96	-0.91
12,615.00	89.48	2.75	12,236.05	324.22	407.39	321.51	7.82	7.82	0.04
12,642.00	89.85	3.44	12,236.21	351.18	408.85	348.46	2.90	1.37	2.56
12,770.00	90.38	1.03	12,235.95	479.07	413.84	476.32	1.93	0.41	-1.88



Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Bing Clawsby WC Federal Com 703H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3732.60usft (Cactus 171)
Site:	Bing Clawsby 15-10	MD Reference:	RKB @ 3732.60usft (Cactus 171)
Well:	Bing Clawsby WC Federal Com 703H	North Reference:	Grid
Wellbore:	OH / 72764	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 171)	Database:	USAEDMDB

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)
12,864.00	89.44	0.27	12,236.10	573.07	414.91	570.30	1.29	-1.00	-0.81
12,959.00	89.45	358.24	12,237.02	668.05	413.67	665.29	2.14	0.01	-2.14
13,054.00	89.11	358.10	12,238.21	762.99	410.64	760.25	0.39	-0.36	-0.15
13,148.00	89.28	359.53	12,239.53	856.96	408.70	854.23	1.53	0.18	1.52
13,243.00	88.42	357.49	12,241.44	951.90	406.23	949.19	2.33	-0.91	-2.15
13,337.00	89.41	358.34	12,243.22	1,045.82	402.81	1,043.13	1.39	1.05	0.90
13,431.00	89.50	359.79	12,244.12	1,139.80	401.27	1,137.12	1.55	0.10	1.54
13,526.00	89.92	0.19	12,244.60	1,234.80	401.26	1,232.11	0.61	0.44	0.42
13,621.00	89.44	359.24	12,245.13	1,329.80	400.78	1,327.11	1.12	-0.51	-1.00
13,715.00	88.94	358.28	12,246.46	1,423.76	398.75	1,421.09	1.15	-0.53	-1.02
13,810.00	88.54	357.56	12,248.54	1,518.68	395.30	1,516.02	0.87	-0.42	-0.76
13,904.00	88.17	359.56	12,251.24	1,612.60	392.94	1,609.96	2.16	-0.39	2.13
13,997.00	89.61	359.88	12,253.05	1,705.58	392.49	1,702.94	1.59	1.55	0.34
14,092.00	89.36	358.30	12,253.90	1,800.56	390.98	1,797.93	1.68	-0.26	-1.66
14,187.00	89.16	359.84	12,255.13	1,895.54	389.44	1,892.92	1.63	-0.21	1.62
14,281.00	89.78	359.65	12,256.00	1,989.54	389.02	1,986.91	0.69	0.66	-0.20
14,376.00	90.52	357.86	12,255.75	2,084.51	386.96	2,081.90	2.04	0.78	-1.88
14,470.00	89.84	0.16	12,255.45	2,178.49	385.33	2,175.88	2.55	-0.72	2.45
14,564.00	90.22	358.91	12,255.40	2,272.48	384.57	2,269.88	1.39	0.40	-1.33
14,658.00	89.81	357.88	12,255.38	2,366.44	381.94	2,363.86	1.18	-0.44	-1.10
14,753.00	89.47	358.05	12,255.97	2,461.38	378.56	2,458.82	0.40	-0.36	0.18
14,847.00	89.51	359.62	12,256.81	2,555.36	376.65	2,552.80	1.67	0.04	1.67
14,942.00	90.87	1.34	12,256.50	2,650.35	377.45	2,647.78	2.31	1.43	1.81
15,038.00	91.64	359.63	12,254.39	2,746.31	378.26	2,743.75	1.95	0.80	-1.78
15,133.00	90.87	0.96	12,252.31	2,841.29	378.75	2,838.71	1.62	-0.81	1.40
15,228.00	90.72	359.95	12,250.99	2,936.27	379.50	2,933.69	1.07	-0.16	-1.06
15,322.00	90.64	0.20	12,249.88	3,030.27	379.63	3,027.68	0.28	-0.09	0.27
15,416.00	90.76	0.53	12,248.73	3,124.26	380.22	3,121.67	0.37	0.13	0.35
15,511.00	90.99	359.15	12,247.28	3,219.24	379.96	3,216.65	1.47	0.24	-1.45
15,606.00	90.18	0.77	12,246.31	3,314.24	379.89	3,311.64	1.91	-0.85	1.71
15,700.00	91.13	0.88	12,245.24	3,408.22	381.25	3,405.62	1.02	1.01	0.12
15,795.00	91.78	0.26	12,242.82	3,503.18	382.19	3,500.57	0.95	0.68	-0.65
15,889.00	90.36	0.78	12,241.07	3,597.16	383.04	3,594.54	1.61	-1.51	0.55
15,983.00	90.21	359.53	12,240.60	3,691.16	383.30	3,688.53	1.34	-0.16	-1.33
16,080.00	89.96	0.57	12,240.46	3,788.15	383.38	3,785.53	1.10	-0.26	1.07
16,174.00	90.21	0.44	12,240.32	3,882.15	384.21	3,879.52	0.30	0.27	-0.14
16,269.00	90.08	0.31	12,240.08	3,977.15	384.83	3,974.51	0.19	-0.14	-0.14
16,363.00	90.25	0.50	12,239.81	4,071.15	385.50	4,068.50	0.27	0.18	0.20
16,457.00	90.33	0.34	12,239.33	4,165.14	386.19	4,162.49	0.19	0.09	-0.17
16,551.00	90.82	0.79	12,238.39	4,259.13	387.11	4,256.47	0.71	0.52	0.48
16,646.00	90.61	0.68	12,237.20	4,354.12	388.33	4,351.45	0.25	-0.22	-0.12
16,739.00	90.81	0.25	12,236.05	4,447.11	389.09	4,444.43	0.51	0.22	-0.46
16,835.00	91.10	0.02	12,234.45	4,543.09	389.31	4,540.41	0.39	0.30	-0.24



Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Bing Clawsby WC Federal Com 703H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3732.60usft (Cactus 171)
Site:	Bing Clawsby 15-10	MD Reference:	RKB @ 3732.60usft (Cactus 171)
Well:	Bing Clawsby WC Federal Com 703H	North Reference:	Grid
Wellbore:	OH / 72764	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 171)	Database:	USAEDMDB

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)
16,929.00	91.36	1.17	12,232.43	4,637.06	390.29	4,634.37	1.25	0.28	1.22
17,024.00	91.15	0.75	12,230.35	4,732.03	391.88	4,729.32	0.49	-0.22	-0.44
17,118.00	91.95	0.48	12,227.81	4,825.99	392.89	4,823.28	0.90	0.85	-0.29
17,213.00	91.63	0.35	12,224.84	4,920.94	393.58	4,918.22	0.36	-0.34	-0.14
17,307.00	91.69	0.66	12,222.12	5,014.90	394.41	5,012.17	0.34	0.06	0.33
17,402.00	91.41	0.45	12,219.55	5,109.86	395.33	5,107.12	0.37	-0.29	-0.22
17,496.00	89.78	358.94	12,218.57	5,203.84	394.82	5,201.11	2.36	-1.73	-1.61
17,591.00	89.59	359.63	12,219.09	5,298.83	393.64	5,296.11	0.75	-0.20	0.73
17,685.00	88.94	359.20	12,220.30	5,392.82	392.68	5,390.10	0.83	-0.69	-0.46
17,780.00	90.27	359.24	12,220.95	5,487.81	391.39	5,485.09	1.40	1.40	0.04
17,875.00	89.95	359.00	12,220.77	5,582.80	389.93	5,580.09	0.42	-0.34	-0.25
17,969.00	90.96	358.08	12,220.03	5,676.76	387.53	5,674.07	1.45	1.07	-0.98
18,064.00	89.87	358.51	12,219.34	5,771.71	384.71	5,769.04	1.23	-1.15	0.45
18,159.00	89.73	357.86	12,219.67	5,866.67	381.70	5,864.00	0.70	-0.15	-0.68
18,253.00	90.15	358.16	12,219.77	5,960.61	378.43	5,957.97	0.55	0.45	0.32
18,347.00	90.36	359.47	12,219.35	6,054.58	376.49	6,051.95	1.41	0.22	1.39
18,441.00	90.82	0.07	12,218.38	6,148.58	376.11	6,145.95	0.80	0.49	0.64
18,535.00	90.93	358.31	12,216.95	6,242.55	374.78	6,239.93	1.88	0.12	-1.87
18,631.00	91.09	358.37	12,215.25	6,338.50	372.00	6,335.89	0.18	0.17	0.06
18,725.00	90.62	359.18	12,213.85	6,432.47	369.99	6,429.87	1.00	-0.50	0.86
18,821.00	90.75	358.88	12,212.70	6,528.45	368.37	6,525.86	0.34	0.14	-0.31
18,916.00	91.12	358.39	12,211.15	6,623.41	366.11	6,620.83	0.65	0.39	-0.52
19,010.00	90.59	359.38	12,209.75	6,717.38	364.28	6,714.81	1.19	-0.56	1.05
19,106.00	89.14	359.55	12,209.98	6,813.37	363.38	6,810.81	1.52	-1.51	0.18
19,201.00	87.60	0.03	12,212.68	6,908.33	363.03	6,905.77	1.70	-1.62	0.51
19,295.00	88.99	0.68	12,215.47	7,002.28	363.61	6,999.71	1.63	1.48	0.69
19,391.00	92.30	1.31	12,214.39	7,098.25	365.28	7,095.67	3.51	3.45	0.66
19,485.00	93.06	1.47	12,210.00	7,192.11	367.56	7,189.52	0.83	0.81	0.17
19,579.00	93.91	1.75	12,204.29	7,285.90	370.19	7,283.29	0.95	0.90	0.30
19,674.00	94.83	2.10	12,197.05	7,380.57	373.38	7,377.93	1.04	0.97	0.37
19,768.00	94.51	1.46	12,189.39	7,474.21	376.29	7,471.55	0.76	-0.34	-0.68
19,864.00	93.68	0.89	12,182.54	7,569.95	378.25	7,567.27	1.05	-0.86	-0.59
19,959.00	93.44	0.38	12,176.64	7,664.76	379.30	7,662.07	0.59	-0.25	-0.54
20,053.00	92.18	359.16	12,172.03	7,758.64	378.92	7,755.96	1.86	-1.34	-1.30
20,148.00	92.52	358.42	12,168.14	7,853.54	376.92	7,850.87	0.86	0.36	-0.78
20,242.00	91.90	357.27	12,164.51	7,947.40	373.39	7,944.75	1.39	-0.66	-1.22
20,337.00	91.59	356.24	12,161.62	8,042.20	368.01	8,039.59	1.13	-0.33	-1.08
20,431.00	91.75	355.52	12,158.88	8,135.92	361.26	8,133.34	0.78	0.17	-0.77
20,525.00	91.73	355.48	12,156.02	8,229.59	353.89	8,227.06	0.05	-0.02	-0.04
20,620.00	90.85	354.19	12,153.88	8,324.17	345.34	8,321.70	1.64	-0.93	-1.36
20,714.00	90.99	354.10	12,152.38	8,417.67	335.75	8,415.26	0.18	0.15	-0.10
20,809.00	90.05	354.96	12,151.51	8,512.23	326.70	8,509.88	1.34	-0.99	0.91
20,906.00	89.39	358.37	12,151.99	8,609.05	321.05	8,606.73	3.58	-0.68	3.52
21,000.00	91.59	1.63	12,151.18	8,703.03	321.05	8,700.71	4.18	2.34	3.47



Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Bing Clawsby WC Federal Com 703H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3732.60usft (Cactus 171)
Site:	Bing Clawsby 15-10	MD Reference:	RKB @ 3732.60usft (Cactus 171)
Well:	Bing Clawsby WC Federal Com 703H	North Reference:	Grid
Wellbore:	OH / 72764	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 171)	Database:	USAEDMDB

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)
21,094.00	91.44	356.94	12,148.70	8,796.96	319.88	8,794.65	4.99	-0.16	-4.99
21,190.00	90.90	0.31	12,146.74	8,892.90	317.58	8,890.60	3.55	-0.56	3.51
21,286.00	91.76	359.46	12,144.51	8,988.87	317.39	8,986.57	1.26	0.90	-0.89
21,381.00	89.01	358.63	12,143.87	9,083.85	315.80	9,081.56	3.02	-2.89	-0.87
21,475.00	89.05	358.55	12,145.46	9,177.81	313.49	9,175.53	0.10	0.04	-0.09
21,569.00	87.90	358.57	12,147.96	9,271.74	311.13	9,269.48	1.22	-1.22	0.02
21,665.00	86.86	4.08	12,152.35	9,367.58	313.34	9,365.29	5.83	-1.08	5.74
21,759.00	88.94	8.80	12,155.80	9,460.89	323.88	9,458.53	5.48	2.21	5.02
21,853.00	93.27	11.18	12,153.99	9,553.42	340.18	9,550.95	5.26	4.61	2.53
21,947.00	93.52	6.25	12,148.42	9,646.14	354.39	9,643.58	5.24	0.27	-5.24
22,042.00	91.21	2.63	12,144.50	9,740.75	361.73	9,738.14	4.52	-2.43	-3.81
22,136.00	91.18	359.45	12,142.54	9,834.71	363.44	9,832.08	3.38	-0.03	-3.38
22,231.00	92.27	355.24	12,139.67	9,929.54	359.04	9,926.94	4.58	1.15	-4.43
22,326.00	87.71	357.12	12,139.69	10,024.30	352.72	10,021.74	5.19	-4.80	1.98
22,421.00	88.22	359.99	12,143.07	10,119.20	350.32	10,116.65	3.07	0.54	3.02
22,516.00	88.22	0.68	12,146.02	10,214.15	350.88	10,211.60	0.73	0.00	0.73
22,610.00	89.25	1.48	12,148.09	10,308.11	352.65	10,305.54	1.39	1.10	0.85
22,704.00	90.62	2.39	12,148.20	10,402.05	355.82	10,399.46	1.75	1.46	0.97
22,799.00	90.82	2.36	12,147.00	10,496.96	359.76	10,494.35	0.21	0.21	-0.03
22,893.00	88.84	2.14	12,147.28	10,590.88	363.45	10,588.24	2.12	-2.11	-0.23
22,988.00	89.82	0.91	12,148.39	10,685.84	365.98	10,683.18	1.66	1.03	-1.29
23,083.00	92.50	358.50	12,146.47	10,780.81	365.49	10,778.14	3.79	2.82	-2.54
23,177.00	92.40	357.07	12,142.45	10,874.65	361.86	10,872.01	1.52	-0.11	-1.52
23,272.00	91.19	356.59	12,139.48	10,969.45	356.61	10,966.85	1.37	-1.27	-0.51
23,366.00	91.79	357.15	12,137.03	11,063.28	351.48	11,060.71	0.87	0.64	0.60
23,461.00	89.85	355.93	12,135.67	11,158.09	345.75	11,155.55	2.41	-2.04	-1.28
23,555.00	90.72	356.81	12,135.21	11,251.90	339.79	11,249.40	1.32	0.93	0.94
23,650.00	90.21	357.78	12,134.43	11,346.79	335.31	11,344.32	1.15	-0.54	1.02
23,744.00	90.01	358.88	12,134.25	11,440.75	332.57	11,438.29	1.19	-0.21	1.17
23,839.00	90.42	359.87	12,133.90	11,535.74	331.54	11,533.29	1.13	0.43	1.04
23,933.00	90.56	359.28	12,133.09	11,629.73	330.84	11,627.28	0.65	0.15	-0.63
24,029.00	90.35	358.53	12,132.33	11,725.71	329.00	11,723.27	0.81	-0.22	-0.78
24,124.00	90.07	359.25	12,131.98	11,820.69	327.16	11,818.26	0.81	-0.29	0.76
24,218.00	90.15	0.52	12,131.80	11,914.69	326.97	11,912.26	1.35	0.09	1.35
24,313.00	90.24	1.92	12,131.48	12,009.67	329.00	12,007.22	1.48	0.09	1.47
24,407.00	90.56	1.30	12,130.82	12,103.63	331.64	12,101.16	0.74	0.34	-0.66
24,502.00	90.72	0.61	12,129.76	12,198.61	333.22	12,196.13	0.75	0.17	-0.73
24,597.00	90.56	0.25	12,128.70	12,293.60	333.93	12,291.11	0.41	-0.17	-0.38
24,691.00	90.55	359.15	12,127.79	12,387.59	333.44	12,385.11	1.17	-0.01	-1.17
24,786.00	90.58	358.50	12,126.85	12,482.57	331.49	12,480.09	0.68	0.03	-0.68
24,881.00	90.53	357.36	12,125.93	12,577.50	328.06	12,575.04	1.20	-0.05	-1.20
24,975.00	90.47	356.87	12,125.11	12,671.37	323.33	12,668.95	0.53	-0.06	-0.52
25,070.00	90.52	355.76	12,124.29	12,766.17	317.23	12,763.79	1.17	0.05	-1.17



Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Bing Clawsby WC Federal Com 703H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3732.60usft (Cactus 171)
Site:	Bing Clawsby 15-10	MD Reference:	RKB @ 3732.60usft (Cactus 171)
Well:	Bing Clawsby WC Federal Com 703H	North Reference:	Grid
Wellbore:	OH / 72764	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 171)	Database:	USAEDMDB

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)
25,163.00	90.33	355.49	12,123.60	12,858.90	310.13	12,856.56	0.35	-0.20	-0.29
25,257.00	90.55	355.33	12,122.88	12,952.59	302.61	12,950.30	0.29	0.23	-0.17
25,352.00	90.18	354.96	12,122.28	13,047.25	294.57	13,045.01	0.55	-0.39	-0.39
25,446.00	88.76	356.91	12,123.14	13,141.00	287.91	13,138.81	2.57	-1.51	2.07
25,540.00	90.84	0.65	12,123.47	13,234.96	285.91	13,232.77	4.55	2.21	3.98
25,634.00	91.38	0.22	12,121.65	13,328.94	286.62	13,326.75	0.73	0.57	-0.46
25,729.00	91.29	0.01	12,119.44	13,423.91	286.81	13,421.72	0.24	-0.09	-0.22
25,823.00	90.87	359.84	12,117.67	13,517.90	286.69	13,515.70	0.48	-0.45	-0.18
25,918.00	90.98	359.91	12,116.13	13,612.88	286.48	13,610.68	0.14	0.12	0.07
26,012.00	91.27	1.60	12,114.29	13,706.85	287.72	13,704.64	1.82	0.31	1.80
26,107.00	90.96	2.37	12,112.44	13,801.78	291.01	13,799.54	0.87	-0.33	0.81
26,202.00	90.82	2.27	12,110.96	13,896.69	294.85	13,894.43	0.18	-0.15	-0.11
26,296.00	90.81	2.32	12,109.63	13,990.60	298.62	13,988.32	0.05	-0.01	0.05
26,391.00	90.95	2.04	12,108.17	14,085.52	302.23	14,083.21	0.33	0.15	-0.29
26,485.00	90.99	2.19	12,106.58	14,179.45	305.70	14,177.11	0.17	0.04	0.16
26,580.00	92.30	2.52	12,103.85	14,274.33	309.60	14,271.96	1.42	1.38	0.35
26,675.00	92.60	1.09	12,099.79	14,369.19	312.59	14,366.80	1.54	0.32	-1.51
26,768.00	91.10	0.13	12,096.79	14,462.13	313.58	14,459.73	1.91	-1.61	-1.03
26,862.00	90.10	359.38	12,095.80	14,556.12	313.18	14,553.73	1.33	-1.06	-0.80
26,956.00	90.53	359.89	12,095.28	14,650.12	312.58	14,647.72	0.71	0.46	0.54
27,050.00	90.56	0.20	12,094.39	14,744.11	312.65	14,741.72	0.33	0.03	0.33
27,145.00	90.38	359.92	12,093.61	14,839.11	312.75	14,836.71	0.35	-0.19	-0.29
27,240.00	90.47	359.93	12,092.91	14,934.11	312.63	14,931.71	0.10	0.09	0.01
27,334.00	90.70	359.45	12,091.95	15,028.10	312.12	15,025.70	0.57	0.24	-0.51
27,429.00	89.98	0.30	12,091.38	15,123.10	311.91	15,120.70	1.17	-0.76	0.89
27,522.00	90.79	0.39	12,090.76	15,216.09	312.47	15,213.69	0.88	0.87	0.10
27,624.00	91.58	2.01	12,088.65	15,318.05	314.61	15,315.62	1.77	0.77	1.59
Final Phoenix MWD Survey									
27,649.00	91.58	2.01	12,087.96	15,343.02	315.48	15,340.59	0.00	0.00	0.00
Projection to TD - Lat: 32.340529, Long: -103.656686									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
146.00	145.99	0.22	-1.06	First Phoenix MWD Survey
11,670.00	11,643.58	-306.13	425.12	KOP: 11670.00' MD, 11643.58' TVD
11,670.00	11,643.58	-306.13	425.12	Lat: 32.297511, Long: -103.656651
11,777.39	11,749.15	-289.02	415.98	FTP: 11777.39' MD, 11749.15' TVD
11,777.39	11,749.15	-289.02	415.98	Lat: 32.297558, Long: -103.656680
27,624.00	12,088.65	15,318.05	314.61	Final Phoenix MWD Survey
27,649.00	12,087.96	15,343.02	315.48	Projection to TD
27,649.00	12,087.96	15,343.02	315.48	Lat: 32.340529, Long: -103.656686



Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Bing Clawsby WC Federal Com 703H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3732.60usft (Cactus 171)
Site:	Bing Clawsby 15-10	MD Reference:	RKB @ 3732.60usft (Cactus 171)
Well:	Bing Clawsby WC Federal Com 703H	North Reference:	Grid
Wellbore:	OH / 72764	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 171)	Database:	USAEDMDB

Office
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 811 S. First St., Artesia, NM 88210
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 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. 30-025-51266
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BING CLAWSBY WC FEDERAL COM
8. Well Number 703H
9. OGRID Number 372098
10. Pool name or Wildcat WC-025 G-08 S243217P; UPR WOLFCAMP

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator Marathon Oil Permian LLC	
3. Address of Operator 990 Town & Country Blvd. Houston, TX 77024	
4. Well Location Unit Letter <u>O</u> : <u>393</u> feet from the <u>SOUTH</u> line and <u>1403</u> feet from the <u>EAST</u> line Section <u>15</u> Township <u>23S</u> Range <u>32E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3709' GL	

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	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.

12/11/2023 - Started Frac Prep operations. MIRU
 12/12/2023 - Pressure test production casing to 13000 psi for 30 min, held, good test.
 12/16/20233 - Start frac operations with 2 shots per foot for a total of 1488 shots, 0.41-in. in size using 38,138,962 lbs of sand and 949,320 bbls fluid. Total interval from 12,344' to 27,598' MD.
 1/29/2024 - Finish frac operations. RDMO
 1/30/2024 - MIRU. Perform DO ops.
 2/4/2024 - RDMO.

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

Spud Date:

7/16/2023

Rig Release Date:

10/26/2023

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

SIGNATURE Adrian Covarrubias TITLE Adv. Regulatory Compliance Rep. DATE 3/5/2024

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 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
1. WELL API NO. 30-025-51266										
2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN										
3. State Oil & Gas Lease No.										
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 BING CLAWSBY WC FEDERAL COM				
						6. Well Number: 703H				
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 WC-025 G-08 S243217; UPR WOLFCAMP				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	15	23S	32E		393	S	1403	E	LEA
BH:	A (L1)	3	23S	32E	1	101	N	985	E	LEA
13. Date Spudded 7/16/2023	14. Date T.D. Reached 10/24/2023		15. Date Rig Released 10/26/2023			16. Date Completed (Ready to Produce) 2/17/2024		17. Elevations (DF and RKB, RT, GR, etc.) 3709' GL		
18. Total Measured Depth of Well 27649'			19. Plug Back Measured Depth 27639'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,344' - 27,598'; UPR 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		1250'		17-1/2"		Tail: 1207 sks, 1.33 yield, Class C		
9-5/8"		40#, P110, BTC		11622'		12-1/4"		Lead: 1319 sks, 3.92 yield, Class C Tail: 1104 sks, 1.33 yield, Class C		
5-1/2"		23#, P110, VTC		27639'		8-1/2"		Lead: 1675 sks, 1.48 yield, Class H Tail: 3839 sks, 1.33 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) 12,344' - 27,598', 0.41", 1488 shots					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					12,344' - 27,598'		38,138,962 lbs - proppant			
					12,344' - 27,598'		39,871,440 gal fluid			
28. PRODUCTION										
Date First Production 2/17/2024		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 2/25/2024	Hours Tested 24	Choke Size 42/64	Prod'n For Test Period	Oil - Bbl 3513	Gas - MCF 6465	Water - Bbl. 6816	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure 3259	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 <i>Adrian Covarrubias</i>			Printed Name Adrian Covarrubias			Title Adv. Regulatory Compliance Rep			Date 3/5/2024	
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 (Cherry) 6122'	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 4977'	T. Morrison	
T. Drinkard	T. Bone Springs 8761'	T. Todilto	
T. Abo	T. Lamar - 4920'	T. Entrada	
T. Wolfcamp 12283'	T. Brushy Canyon 7094'	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

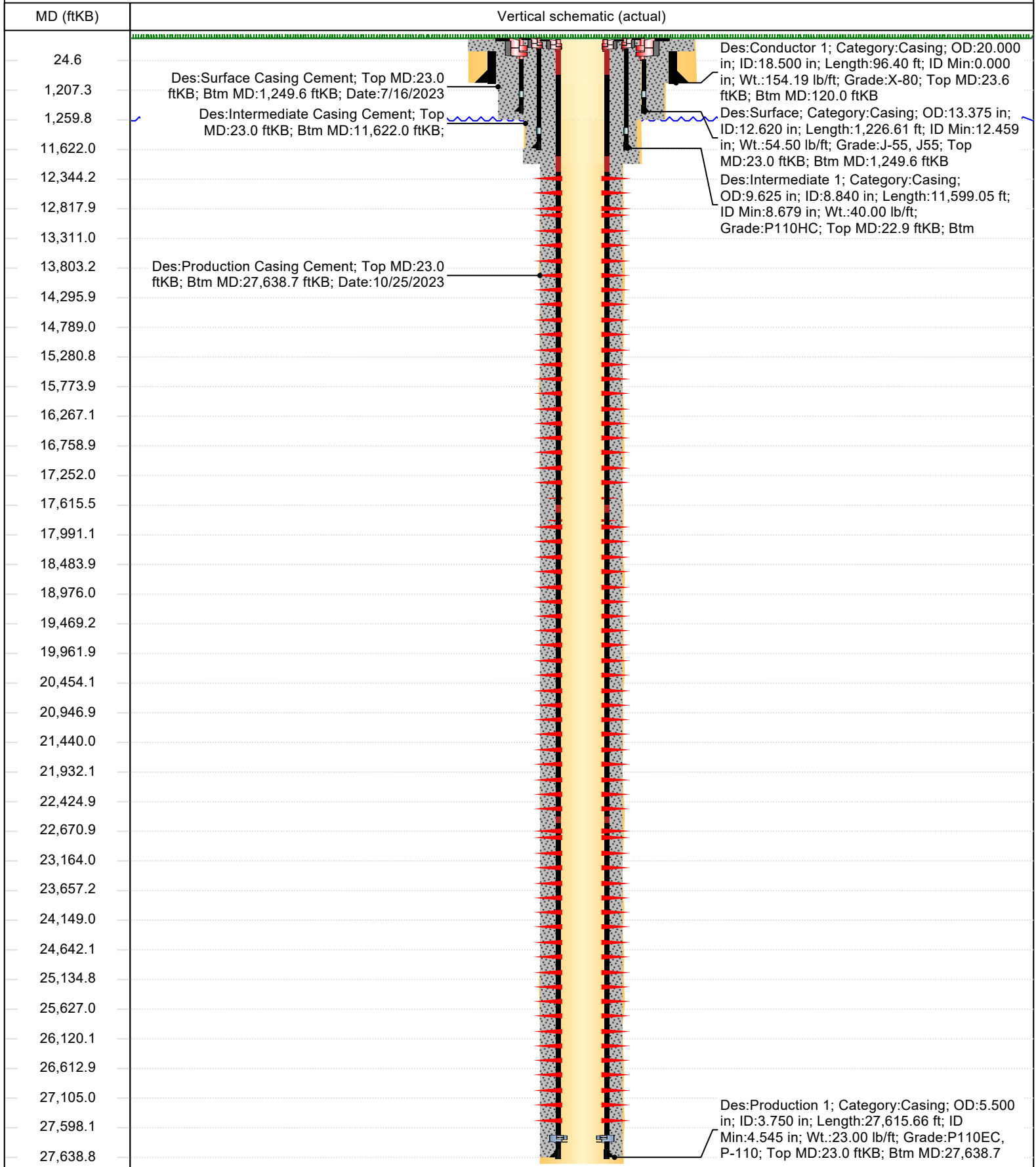


Wellbore Schematic

Well Name: BING CLAWSBY WC FEDERAL COM 703H

State/Province NEW MEXICO	Country UNITED STATES	Field Name DIAMONDTAIL	Latitude (°) 32.29835990	Longitude (°) -103.65802060	North/South Distance (ft) 393.0	North/South Reference FSL
API/IPO UWI 3002551266	KB-Ground Distance (ft) 23.00	KB-Mud Line Distance (ft)	Ground Elevation (ft) 3,709.00	Drilling Rig Spud Date 7/16/2023	Well Original Completion Date 2/5/2024	Well First Production Date 2/17/2024

HORIZONTAL, BING CLAWSBY WC FEDERAL COM 703H, 3/4/2024 2:03:19 PM



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 320382

ACKNOWLEDGMENTS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 320382
	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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CONDITIONS

Action 320382

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 320382
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	Upload the Gamma Ray log to OCD Permitting/Well Logs.	10/15/2024
smcgrath	File 3160-4 within 10 days of BLM Approval.	10/15/2024