

C-104 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**Section 1 - Operator and Well Information**

Submittal Type: ☐ Test Allowable (C-104RT) ☐ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name:	OGRID:
Property Name and Well Number:	Property Code:
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal	API Number:
Pool Name:	Pool Code:

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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Section 3 – Completion Information

Producing Method	Ready Date	Perforations MD	Perforations TVD
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW):	Communitization Agreement ☐ Yes ☐ No, Order No.
Surface Casing Action ID:	Unit: ☐ Yes ☐ No, Order No.
Intermediate 1 Casing Action ID:	Compulsory Pooling: ☐ Yes ☐ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☐ No, Order No.
Production Casing Action ID:	Surface Commingling: ☐ Yes ☐ No, Order No.
All casing was pressure tested in accordance with NMAC ☐ Yes ☐ No	Non-standard Location: ☐ Yes ☐ No ☐ Common ownership Order No.
Liner 1 Action ID:	Non-standard Proration: ☐ Yes ☐ No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N):	Simultaneous Dedication: ☐ Yes ☐ No, Order No.

Section 5 - Operator Signature and Certification

☐ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
☐ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
☐ 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.	
Name	
Title	Date

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DMSION	C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting Submittal Type: ☐ Initial Submittal ☐ Amended Report ☐ As Drilled
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WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No.	Operator Name	Ground Level Elevation
Surface Owner: D State ☐ Fee ☐ Tribal D Federal		Mineral Owner: D State ☐ Fee ☐ Tribal D Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from F/W	Latitude	Longitude	County
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Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from F/W	Latitude	Longitude	County
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (YIN)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from F/W	Latitude	Longitude	County
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First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from F/W	Latitude	Longitude	County
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Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from F/W	Latitude	Longitude	County
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal D Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Kayla Estrada

Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

Signature and Seal of Professional Surveyor

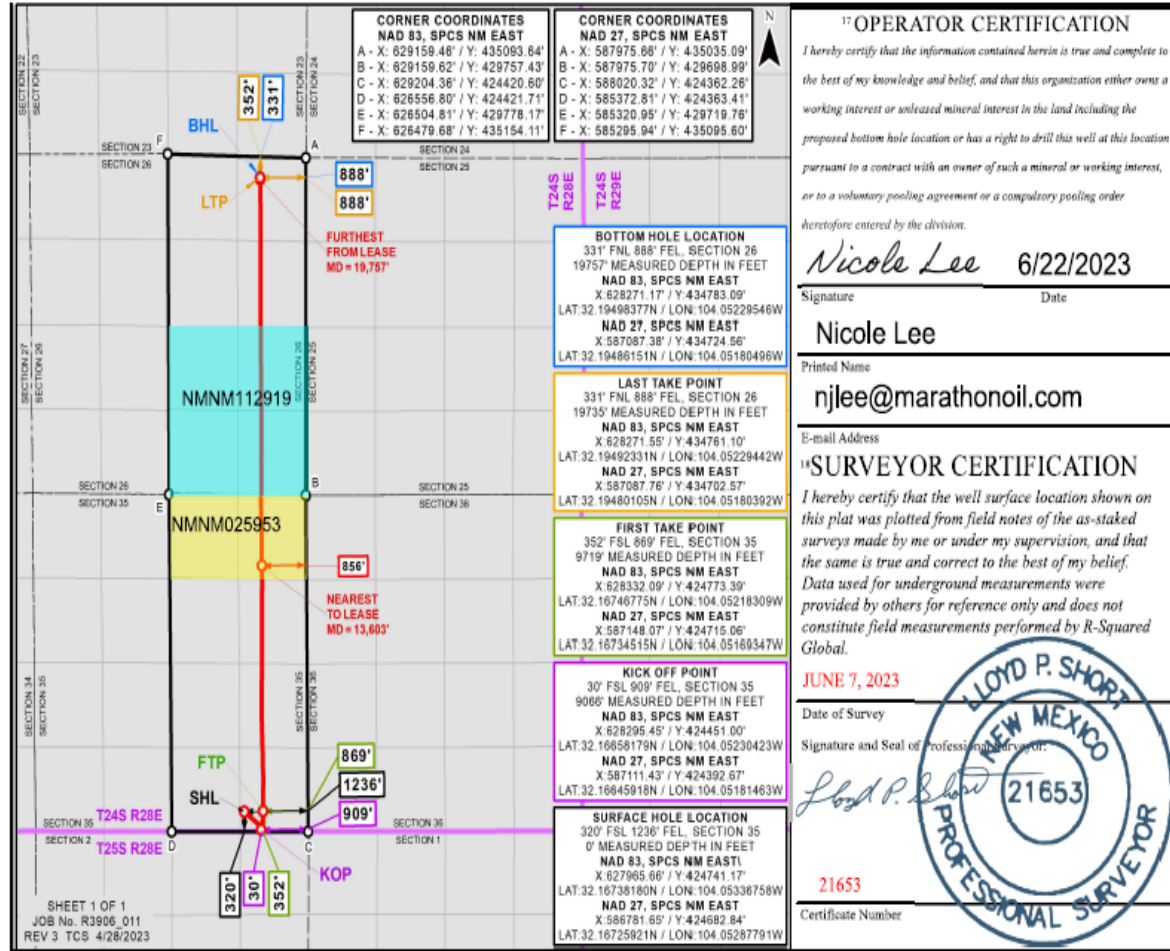
Certificate Number

Date of Survey

Note: 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.

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.





Marathon Oil Permian LLC

Eddy County, NM (NAD27-NME)

Ripley Fed Com Pad

Ripley WC Fed Com 702H

OH / 71031

Design: Surveys (Cactus 169)

Standard Survey Report

15 December, 2022





Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Ripley WC Fed Com 702H
Project:	Eddy County, NM (NAD27-NME)	TVD Reference:	RKB @ 2978.60usft (Cactus 169)
Site:	Ripley Fed Com Pad	MD Reference:	RKB @ 2978.60usft (Cactus 169)
Well:	Ripley WC Fed Com 702H	North Reference:	Grid
Wellbore:	OH / 71031	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Cactus 169)	Database:	USA Compass

Project	Eddy 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	Ripley Fed Com Pad		
Site Position:		Northing:	424,682.84 usft
From:	Map	Easting:	586,756.62 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 10' 2.133784 N
		Longitude:	104° 3' 10.651717 W
		Grid Convergence:	0.149 °

Well	Ripley WC Fed Com 702H		
Well Position	+N/-S	0.00 usft	Northing: 424,682.84 usft
	+E/-W	0.00 usft	Easting: 586,781.65 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 10' 2.133138 N
		Longitude:	104° 3' 10.360515 W
		Ground Level:	2,955.00 usft

Wellbore	OH / 71031		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	11/25/2022	6.743	59.810	47,477.00000000

Design	Surveys (Cactus 169)		
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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	359.76

Survey Program		Date	12/15/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
132.00	19,757.00	Phoenix MWD Surveys (OH / 71031)	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
	132.00	0.91	250.33	131.99	-0.35	-0.99	-0.35	0.69	0.69	0.00
First Phoenix MWD Survey										
	221.00	1.32	282.52	220.98	-0.37	-2.65	-0.36	0.82	0.46	36.17
	311.00	1.56	283.05	310.95	0.13	-4.86	0.15	0.27	0.27	0.59
	401.00	1.46	281.88	400.92	0.65	-7.17	0.68	0.12	-0.11	-1.30
	483.00	0.89	282.94	482.90	1.00	-8.82	1.04	0.70	-0.70	1.29
	584.00	0.59	305.40	583.89	1.48	-10.01	1.52	0.41	-0.30	22.24
	673.00	0.55	328.11	672.89	2.11	-10.60	2.15	0.26	-0.04	25.52
	763.00	0.60	4.80	762.88	2.94	-10.79	2.99	0.41	0.06	40.77
	854.00	1.40	106.72	853.87	3.10	-9.69	3.14	1.79	0.88	112.00



Phoenix Survey Report



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Well:	Ripley WC Fed Com 702H	North Reference:	Grid
Wellbore:	OH / 71031	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)
943.00	1.44	103.90	942.85	2.52	-7.56	2.55	0.09	0.04	-3.17
1,033.00	1.40	101.82	1,032.82	2.02	-5.39	2.04	0.07	-0.04	-2.31
1,124.00	1.43	103.13	1,123.79	1.54	-3.19	1.55	0.05	0.03	1.44
1,213.00	1.56	104.76	1,212.76	0.97	-0.94	0.98	0.15	0.15	1.83
1,308.00	4.57	130.42	1,307.62	-1.81	3.19	-1.82	3.41	3.17	27.01
1,403.00	5.76	128.78	1,402.23	-7.25	9.79	-7.29	1.26	1.25	-1.73
1,497.00	7.94	131.51	1,495.55	-14.51	18.33	-14.58	2.34	2.32	2.90
1,592.00	8.44	133.12	1,589.58	-23.62	28.33	-23.74	0.58	0.53	1.69
1,686.00	8.23	132.55	1,682.59	-32.89	38.32	-33.05	0.24	-0.22	-0.61
1,781.00	7.73	125.60	1,776.67	-41.20	48.53	-41.41	1.14	-0.53	-7.32
1,875.00	8.37	125.61	1,869.75	-48.87	59.23	-49.12	0.68	0.68	0.01
1,970.00	9.70	124.17	1,963.57	-57.39	71.47	-57.69	1.42	1.40	-1.52
2,065.00	8.31	119.85	2,057.39	-65.30	84.05	-65.65	1.63	-1.46	-4.55
2,159.00	6.50	119.06	2,150.61	-71.27	94.59	-71.66	1.93	-1.93	-0.84
2,254.00	7.74	116.98	2,244.87	-76.78	105.00	-77.22	1.33	1.31	-2.19
2,348.00	7.82	127.00	2,338.01	-83.50	115.74	-83.99	1.44	0.09	10.66
2,443.00	7.55	127.64	2,432.16	-91.20	125.85	-91.73	0.30	-0.28	0.67
2,537.00	5.97	126.72	2,525.50	-97.90	134.66	-98.46	1.68	-1.68	-0.98
2,632.00	6.35	125.54	2,619.95	-103.91	142.89	-104.50	0.42	0.40	-1.24
2,726.00	7.48	126.82	2,713.27	-110.59	152.02	-111.23	1.21	1.20	1.36
2,821.00	8.35	127.18	2,807.36	-118.47	162.47	-119.15	0.92	0.92	0.38
2,915.00	9.03	126.27	2,900.28	-126.96	173.85	-127.68	0.74	0.72	-0.97
3,010.00	8.24	125.96	2,994.20	-135.37	185.37	-136.14	0.83	-0.83	-0.33
3,104.00	8.30	125.93	3,087.23	-143.30	196.32	-144.12	0.06	0.06	-0.03
3,199.00	8.95	125.11	3,181.15	-151.58	207.92	-152.45	0.70	0.68	-0.86
3,293.00	8.76	126.97	3,274.03	-160.09	219.62	-161.00	0.37	-0.20	1.98
3,388.00	8.16	127.20	3,368.00	-168.51	230.77	-169.48	0.63	-0.63	0.24
3,482.00	8.78	126.32	3,460.97	-176.80	241.86	-177.81	0.67	0.66	-0.94
3,576.00	8.84	124.31	3,553.86	-185.12	253.61	-186.18	0.33	0.06	-2.14
3,671.00	7.36	118.01	3,647.92	-192.09	265.01	-193.20	1.81	-1.56	-6.63
3,765.00	7.75	118.23	3,741.10	-197.91	275.91	-199.07	0.42	0.41	0.23
3,860.00	7.29	124.65	3,835.28	-204.37	286.51	-205.57	1.01	-0.48	6.76
3,954.00	7.45	125.45	3,928.51	-211.30	296.38	-212.54	0.20	0.17	0.85
4,049.00	6.08	129.75	4,022.84	-218.09	305.27	-219.36	1.54	-1.44	4.53
4,143.00	6.26	129.24	4,116.30	-224.51	313.06	-225.82	0.20	0.19	-0.54
4,238.00	6.18	129.47	4,210.74	-231.04	321.02	-232.38	0.09	-0.08	0.24
4,332.00	4.76	133.44	4,304.31	-236.94	327.76	-238.31	1.56	-1.51	4.22
4,427.00	4.64	132.71	4,398.99	-242.25	333.45	-243.65	0.14	-0.13	-0.77
4,522.00	3.84	138.97	4,493.73	-247.26	338.36	-248.67	0.97	-0.84	6.59
4,616.00	3.63	139.88	4,587.53	-251.91	342.34	-253.34	0.23	-0.22	0.97
4,711.00	1.14	115.92	4,682.44	-254.62	345.13	-256.07	2.77	-2.62	-25.22
4,805.00	1.29	109.66	4,776.42	-255.39	346.97	-256.84	0.21	0.16	-6.66
4,900.00	1.20	118.84	4,871.40	-256.23	348.85	-257.69	0.23	-0.09	9.66



Phoenix Survey Report



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Wellbore:	OH / 71031	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)
4,994.00	1.19	120.18	4,965.38	-257.19	350.55	-258.66	0.03	-0.01	1.43
5,089.00	1.25	118.67	5,060.36	-258.19	352.31	-259.66	0.07	0.06	-1.59
5,183.00	1.02	120.65	5,154.34	-259.10	353.93	-260.58	0.25	-0.24	2.11
5,278.00	1.14	127.54	5,249.32	-260.11	355.41	-261.60	0.19	0.13	7.25
5,372.00	1.21	118.05	5,343.30	-261.15	357.03	-262.64	0.22	0.07	-10.10
5,466.00	1.32	116.19	5,437.28	-262.09	358.88	-263.59	0.12	0.12	-1.98
5,561.00	1.37	116.82	5,532.25	-263.09	360.87	-264.60	0.05	0.05	0.66
5,655.00	1.54	113.10	5,626.22	-264.09	363.04	-265.61	0.21	0.18	-3.96
5,750.00	1.55	115.58	5,721.19	-265.15	365.37	-266.67	0.07	0.01	2.61
5,844.00	0.81	156.33	5,815.17	-266.30	366.78	-267.84	1.14	-0.79	43.35
5,939.00	0.97	156.15	5,910.16	-267.65	367.38	-269.19	0.17	0.17	-0.19
6,033.00	0.89	155.65	6,004.14	-269.05	368.00	-270.59	0.09	-0.09	-0.53
6,127.00	0.68	175.85	6,098.14	-270.27	368.34	-271.81	0.37	-0.22	21.49
6,222.00	0.63	205.49	6,193.13	-271.30	368.16	-272.84	0.36	-0.05	31.20
6,317.00	0.75	195.82	6,288.12	-272.37	367.76	-273.91	0.18	0.13	-10.18
6,411.00	0.91	195.34	6,382.11	-273.68	367.40	-275.22	0.17	0.17	-0.51
6,506.00	1.17	178.87	6,477.10	-275.38	367.22	-276.92	0.41	0.27	-17.34
6,600.00	1.27	173.79	6,571.08	-277.38	367.35	-278.91	0.16	0.11	-5.40
6,694.00	1.11	157.33	6,665.06	-279.25	367.81	-280.79	0.40	-0.17	-17.51
6,789.00	1.35	154.73	6,760.03	-281.11	368.65	-282.65	0.26	0.25	-2.74
6,883.00	0.33	99.96	6,854.02	-282.16	369.38	-283.70	1.27	-1.09	-58.27
6,978.00	0.30	97.95	6,949.02	-282.24	369.90	-283.79	0.03	-0.03	-2.12
7,073.00	0.22	37.59	7,044.02	-282.13	370.26	-283.68	0.28	-0.08	-63.54
7,167.00	0.39	358.00	7,138.02	-281.67	370.36	-283.22	0.28	0.18	-42.12
7,262.00	0.33	306.52	7,233.02	-281.18	370.13	-282.73	0.33	-0.06	-54.19
7,356.00	0.37	288.96	7,327.02	-280.92	369.62	-282.47	0.12	0.04	-18.68
7,450.00	0.55	281.06	7,421.01	-280.74	368.89	-282.28	0.20	0.19	-8.40
7,545.00	0.46	294.30	7,516.01	-280.49	368.10	-282.03	0.15	-0.09	13.94
7,640.00	0.47	338.13	7,611.01	-279.98	367.60	-281.51	0.37	0.01	46.14
7,734.00	0.69	325.08	7,705.00	-279.15	367.14	-280.69	0.27	0.23	-13.88
7,829.00	0.97	300.68	7,799.99	-278.27	366.12	-279.81	0.47	0.29	-25.68
7,923.00	1.57	263.40	7,893.97	-278.02	364.15	-279.54	1.05	0.64	-39.66
8,018.00	2.10	258.81	7,988.92	-278.50	361.15	-280.01	0.58	0.56	-4.83
8,112.00	3.32	262.95	8,082.82	-279.17	356.76	-280.66	1.31	1.30	4.40
8,207.00	2.47	263.30	8,177.69	-279.75	352.00	-281.22	0.89	-0.89	0.37
8,302.00	1.93	261.99	8,272.62	-280.21	348.38	-281.67	0.57	-0.57	-1.38
8,396.00	1.90	257.53	8,366.57	-280.77	345.29	-282.21	0.16	-0.03	-4.74
8,491.00	2.01	240.88	8,461.52	-281.92	342.30	-283.35	0.61	0.12	-17.53
8,585.00	1.20	253.69	8,555.48	-283.00	339.91	-284.42	0.94	-0.86	13.63
8,680.00	1.31	240.70	8,650.46	-283.81	338.01	-285.22	0.32	0.12	-13.67
8,774.00	1.53	225.20	8,744.43	-285.22	336.19	-286.62	0.47	0.23	-16.49
8,869.00	1.51	231.22	8,839.39	-286.89	334.31	-288.29	0.17	-0.02	6.34
8,943.00	1.48	231.32	8,913.37	-288.10	332.80	-289.49	0.04	-0.04	0.14



Phoenix Survey Report



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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)
9,052.00	1.88	238.28	9,022.32	-289.92	330.18	-291.30	0.41	0.37	6.39
9,066.00	1.93	236.35	9,036.31	-290.17	329.79	-291.55	0.58	0.36	-13.79
Lat: 32.1664592, Long: -104.0518146 - KOP: 9066.00' MD, 9036.31' TVD									
9,161.00	5.37	355.96	9,131.18	-286.62	328.15	-287.99	6.89	3.62	125.91
9,255.00	18.82	11.49	9,222.90	-267.28	330.87	-268.67	14.59	14.31	16.52
9,350.00	31.80	11.89	9,308.60	-227.60	339.11	-229.02	13.66	13.66	0.42
9,444.00	40.02	12.32	9,384.67	-173.75	350.69	-175.22	8.75	8.74	0.46
9,539.00	46.58	5.32	9,453.81	-109.45	360.42	-110.96	8.55	6.91	-7.37
9,633.00	52.53	2.43	9,514.77	-38.11	365.17	-39.64	6.75	6.33	-3.07
9,691.97	55.71	0.58	9,549.33	9.64	366.41	8.10	5.95	5.39	-3.13
FTP: 9691.97' MD, 9549.33' TVD - Lat: 32.1672831, Long: -104.0516937									
9,728.00	57.66	359.52	9,569.12	39.74	366.43	38.21	5.95	5.42	-2.95
9,823.00	61.99	358.26	9,616.86	121.83	364.82	120.30	4.70	4.56	-1.33
9,917.00	69.69	359.42	9,655.30	207.52	363.11	205.99	8.27	8.19	1.23
10,012.00	79.04	1.28	9,680.88	298.89	363.71	297.37	10.02	9.84	1.96
10,072.00	87.54	1.89	9,687.89	358.40	365.36	356.87	14.20	14.17	1.02
10,106.00	88.28	1.61	9,689.13	392.37	366.39	390.83	2.33	2.18	-0.82
10,154.00	90.82	359.92	9,689.50	440.35	367.03	438.81	6.36	5.29	-3.52
10,294.00	90.41	358.18	9,688.00	580.32	364.71	578.79	1.28	-0.29	-1.24
10,389.00	90.56	358.24	9,687.20	675.27	361.74	673.75	0.17	0.16	0.06
10,483.00	90.79	359.11	9,686.09	769.24	359.57	767.73	0.96	0.24	0.93
10,578.00	90.86	358.77	9,684.72	864.21	357.81	862.71	0.37	0.07	-0.36
10,672.00	90.38	357.61	9,683.70	958.16	354.85	956.66	1.34	-0.51	-1.23
10,767.00	90.56	357.74	9,682.92	1,053.08	350.99	1,051.60	0.23	0.19	0.14
10,861.00	90.61	358.21	9,681.96	1,147.01	347.67	1,145.55	0.50	0.05	0.50
10,956.00	90.81	358.77	9,680.79	1,241.97	345.17	1,240.52	0.63	0.21	0.59
11,050.00	90.49	357.68	9,679.72	1,335.92	342.26	1,334.47	1.21	-0.34	-1.16
11,145.00	90.99	358.27	9,678.49	1,430.85	338.90	1,429.42	0.81	0.53	0.62
11,239.00	90.59	0.20	9,677.20	1,524.83	337.64	1,523.40	2.10	-0.43	2.05
11,334.00	90.55	0.23	9,676.25	1,619.82	338.00	1,618.39	0.05	-0.04	0.03
11,428.00	90.52	0.40	9,675.37	1,713.82	338.52	1,712.39	0.18	-0.03	0.18
11,523.00	90.41	0.32	9,674.60	1,808.81	339.11	1,807.38	0.14	-0.12	-0.08
11,617.00	90.30	0.69	9,674.02	1,902.81	339.94	1,901.37	0.41	-0.12	0.39
11,712.00	89.56	359.95	9,674.14	1,997.81	340.47	1,996.36	1.10	-0.78	-0.78
11,807.00	89.58	0.26	9,674.85	2,092.80	340.65	2,091.36	0.33	0.02	0.33
11,901.00	89.56	0.23	9,675.56	2,186.80	341.05	2,185.35	0.04	-0.02	-0.03
11,996.00	90.07	0.40	9,675.86	2,281.80	341.57	2,280.35	0.57	0.54	0.18
12,090.00	90.53	0.93	9,675.37	2,375.79	342.66	2,374.33	0.75	0.49	0.56
12,185.00	90.58	0.63	9,674.45	2,470.78	343.96	2,469.31	0.32	0.05	-0.32
12,280.00	89.50	359.77	9,674.38	2,565.77	344.29	2,564.31	1.45	-1.14	-0.91
12,374.00	89.99	359.66	9,674.80	2,659.77	343.82	2,658.31	0.53	0.52	-0.12
12,469.00	90.02	359.90	9,674.79	2,754.77	343.46	2,753.31	0.25	0.03	0.25
12,563.00	90.96	0.69	9,673.99	2,848.76	343.94	2,847.30	1.31	1.00	0.84
12,658.00	90.15	359.52	9,673.07	2,943.76	344.11	2,942.29	1.50	-0.85	-1.23



Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Ripley WC Fed Com 702H
Project:	Eddy County, NM (NAD27-NME)	TVD Reference:	RKB @ 2978.60usft (Cactus 169)
Site:	Ripley Fed Com Pad	MD Reference:	RKB @ 2978.60usft (Cactus 169)
Well:	Ripley WC Fed Com 702H	North Reference:	Grid
Wellbore:	OH / 71031	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)
12,753.00	90.07	0.67	9,672.89	3,038.75	344.27	3,037.29	1.21	-0.08	1.21
12,847.00	90.02	0.31	9,672.81	3,132.75	345.07	3,131.28	0.39	-0.05	-0.38
12,942.00	89.90	359.76	9,672.88	3,227.75	345.13	3,226.28	0.59	-0.13	-0.58
13,036.00	89.65	359.91	9,673.25	3,321.75	344.86	3,320.27	0.31	-0.27	0.16
13,130.00	90.12	359.72	9,673.44	3,415.75	344.56	3,414.27	0.54	0.50	-0.20
13,225.00	91.27	0.97	9,672.29	3,510.74	345.13	3,509.26	1.79	1.21	1.32
13,319.00	91.29	0.95	9,670.19	3,604.70	346.70	3,603.21	0.03	0.02	-0.02
13,414.00	91.22	0.40	9,668.11	3,699.67	347.82	3,698.18	0.58	-0.07	-0.58
13,508.00	90.04	359.55	9,667.07	3,793.66	347.78	3,792.17	1.55	-1.26	-0.90
13,603.00	90.25	0.05	9,666.83	3,888.66	347.45	3,887.17	0.57	0.22	0.53
13,697.00	88.20	357.89	9,668.10	3,982.63	345.76	3,981.14	3.17	-2.18	-2.30
13,792.00	89.70	359.34	9,669.84	4,077.58	343.47	4,076.10	2.20	1.58	1.53
13,886.00	89.59	359.52	9,670.43	4,171.57	342.53	4,170.10	0.22	-0.12	0.19
13,981.00	91.26	359.87	9,669.72	4,266.56	342.03	4,265.09	1.80	1.76	0.37
14,076.00	90.05	359.88	9,668.64	4,361.55	341.82	4,360.08	1.27	-1.27	0.01
14,170.00	90.08	358.72	9,668.53	4,455.55	340.67	4,454.08	1.23	0.03	-1.23
14,265.00	90.87	357.63	9,667.74	4,550.49	337.64	4,549.04	1.42	0.83	-1.15
14,359.00	89.35	358.38	9,667.56	4,644.43	334.37	4,642.99	1.80	-1.62	0.80
14,454.00	89.70	358.58	9,668.35	4,739.39	331.85	4,737.96	0.42	0.37	0.21
14,548.00	90.50	359.66	9,668.18	4,833.38	330.41	4,831.95	1.43	0.85	1.15
14,643.00	89.81	358.87	9,667.93	4,928.37	329.19	4,926.95	1.10	-0.73	-0.83
14,737.00	90.15	358.74	9,667.96	5,022.35	327.23	5,020.94	0.39	0.36	-0.14
14,832.00	91.66	359.92	9,666.46	5,117.33	326.12	5,115.92	2.02	1.59	1.24
14,926.00	89.85	0.14	9,665.22	5,211.32	326.17	5,209.90	1.94	-1.93	0.23
15,021.00	90.12	359.89	9,665.25	5,306.32	326.19	5,304.90	0.39	0.28	-0.26
15,115.00	89.76	359.89	9,665.34	5,400.32	326.01	5,398.90	0.38	-0.38	0.00
15,210.00	89.64	359.51	9,665.84	5,495.31	325.52	5,493.90	0.42	-0.13	-0.40
15,304.00	89.96	0.08	9,666.17	5,589.31	325.18	5,587.90	0.70	0.34	0.61
15,399.00	92.27	0.84	9,664.32	5,684.28	325.94	5,682.87	2.56	2.43	0.80
15,494.00	89.85	359.71	9,662.56	5,779.26	326.40	5,777.84	2.81	-2.55	-1.19
15,588.00	89.79	359.69	9,662.86	5,873.26	325.90	5,871.84	0.07	-0.06	-0.02
15,683.00	90.02	359.81	9,663.02	5,968.25	325.49	5,966.84	0.27	0.24	0.13
15,777.00	89.59	0.00	9,663.34	6,062.25	325.33	6,060.84	0.50	-0.46	0.20
15,872.00	90.08	0.01	9,663.61	6,157.25	325.34	6,155.84	0.52	0.52	0.01
15,966.00	90.33	0.09	9,663.27	6,251.25	325.42	6,249.83	0.28	0.27	0.09
16,061.00	89.62	359.87	9,663.32	6,346.25	325.39	6,344.83	0.78	-0.75	-0.23
16,155.00	90.13	359.84	9,663.52	6,440.25	325.15	6,438.83	0.54	0.54	-0.03
16,250.00	90.53	0.00	9,662.97	6,535.25	325.02	6,533.83	0.45	0.42	0.17
16,344.00	89.88	0.14	9,662.64	6,629.25	325.14	6,627.83	0.71	-0.69	0.15
16,439.00	89.10	359.56	9,663.48	6,724.24	324.89	6,722.82	1.02	-0.82	-0.61
16,533.00	89.42	359.34	9,664.70	6,818.23	323.98	6,816.81	0.41	0.34	-0.23
16,628.00	88.56	358.60	9,666.37	6,913.20	322.28	6,911.79	1.19	-0.91	-0.78
16,722.00	90.15	359.51	9,667.43	7,007.18	320.73	7,005.77	1.95	1.69	0.97



Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Ripley WC Fed Com 702H
Project:	Eddy County, NM (NAD27-NME)	TVD Reference:	RKB @ 2978.60usft (Cactus 169)
Site:	Ripley Fed Com Pad	MD Reference:	RKB @ 2978.60usft (Cactus 169)
Well:	Ripley WC Fed Com 702H	North Reference:	Grid
Wellbore:	OH / 71031	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)
16,817.00	89.67	359.65	9,667.58	7,102.17	320.03	7,100.77	0.53	-0.51	0.15
16,912.00	89.85	0.08	9,667.98	7,197.17	319.81	7,195.77	0.49	0.19	0.45
17,006.00	90.62	359.83	9,667.59	7,291.17	319.73	7,289.77	0.86	0.82	-0.27
17,100.00	90.25	0.13	9,666.88	7,385.17	319.70	7,383.76	0.51	-0.39	0.32
17,195.00	90.33	359.75	9,666.40	7,480.16	319.60	7,478.76	0.41	0.08	-0.40
17,289.00	90.62	359.08	9,665.62	7,574.16	318.64	7,572.75	0.78	0.31	-0.71
17,384.00	90.38	0.08	9,664.79	7,669.15	317.95	7,667.75	1.08	-0.25	1.05
17,478.00	90.53	359.37	9,664.04	7,763.14	317.49	7,761.75	0.77	0.16	-0.76
17,573.00	90.45	359.58	9,663.23	7,858.14	316.62	7,856.74	0.24	-0.08	0.22
17,667.00	90.22	359.66	9,662.68	7,952.13	316.00	7,950.74	0.26	-0.24	0.09
17,762.00	90.62	0.22	9,661.98	8,047.13	315.90	8,045.74	0.72	0.42	0.59
17,856.00	90.50	359.93	9,661.06	8,141.12	316.02	8,139.73	0.33	-0.13	-0.31
17,951.00	90.56	359.98	9,660.19	8,236.12	315.95	8,234.72	0.08	0.06	0.05
18,045.00	90.47	359.70	9,659.34	8,330.12	315.69	8,328.72	0.31	-0.10	-0.30
18,140.00	90.65	0.06	9,658.41	8,425.11	315.49	8,423.72	0.42	0.19	0.38
18,234.00	92.00	0.82	9,656.24	8,519.08	316.21	8,517.68	1.65	1.44	0.81
18,329.00	91.33	359.61	9,653.48	8,614.04	316.57	8,612.64	1.46	-0.71	-1.27
18,423.00	90.12	359.20	9,652.29	8,708.02	315.59	8,706.62	1.36	-1.29	-0.44
18,518.00	91.18	359.99	9,651.21	8,803.01	314.92	8,801.62	1.39	1.12	0.83
18,612.00	90.93	0.57	9,649.48	8,896.99	315.38	8,895.60	0.67	-0.27	0.62
18,706.00	89.78	0.03	9,648.90	8,990.99	315.87	8,989.59	1.35	-1.22	-0.57
18,801.00	89.62	359.95	9,649.40	9,085.99	315.85	9,084.59	0.19	-0.17	-0.08
18,895.00	92.13	0.94	9,647.96	9,179.97	316.58	9,178.56	2.87	2.67	1.05
18,990.00	90.56	359.87	9,645.73	9,274.93	317.25	9,273.52	2.00	-1.65	-1.13
19,084.00	88.76	359.88	9,646.29	9,368.93	317.05	9,367.52	1.91	-1.91	0.01
19,179.00	91.26	0.09	9,646.27	9,463.92	317.02	9,462.51	2.64	2.63	0.22
19,273.00	91.09	358.96	9,644.34	9,557.90	316.24	9,556.49	1.22	-0.18	-1.20
19,368.00	91.52	358.91	9,642.18	9,652.85	314.48	9,651.45	0.46	0.45	-0.05
19,462.00	90.41	358.57	9,640.60	9,746.82	312.41	9,745.42	1.23	-1.18	-0.36
19,557.00	90.05	358.76	9,640.22	9,841.79	310.20	9,840.40	0.43	-0.38	0.20
19,651.00	88.84	358.49	9,641.13	9,935.76	307.94	9,934.38	1.32	-1.29	-0.29
19,731.00	89.68	358.99	9,642.16	10,015.73	306.18	10,014.36	1.22	1.05	0.63
Final Phoenix MWD Survey									
19,757.00	89.68	358.99	9,642.30	10,041.72	305.73	10,040.36	0.00	0.00	0.00
Projection to TD - Lat: 32.1948615, Long: -104.0518050									



Phoenix
Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Ripley WC Fed Com 702H
Project:	Eddy County, NM (NAD27-NME)	TVD Reference:	RKB @ 2978.60usft (Cactus 169)
Site:	Ripley Fed Com Pad	MD Reference:	RKB @ 2978.60usft (Cactus 169)
Well:	Ripley WC Fed Com 702H	North Reference:	Grid
Wellbore:	OH / 71031	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)		
132.00	131.99	-0.35	-0.99	First Phoenix MWD Survey	
9,066.00	9,036.31	-290.17	329.79	Lat: 32.1664592, Long: -104.0518146	
9,066.00	9,036.31	-290.17	329.79	KOP: 9066.00' MD, 9036.31' TVD	
9,691.97	9,549.33	9.64	366.41	FTP: 9691.97' MD, 9549.33' TVD	
9,691.97	9,549.33	9.64	366.41	Lat: 32.1672831, Long: -104.0516937	
19,731.00	9,642.16	10,015.73	306.18	Final Phoenix MWD Survey	
19,757.00	9,642.30	10,041.72	305.73	Projection to TD	
19,757.00	9,642.30	10,041.72	305.73	Lat: 32.1948615, Long: -104.0518050	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☐ Other b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Zones ☐ Hydraulic Fracturing Other: _____						5. Lease Serial No.			
						6. If Indian, Allottee or Tribe Name			
2. Name of Operator						7. Unit or CA Agreement Name and No.			
3. Address						8. Well Name and Well No.			
3a. Phone No. (Include area code)						9. API Well No.			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface At top prod. interval reported below At total depth						10. Field and Pool or Exploratory			
						11. Sec., T., R., M., on Block and Survey or Area			
						12. County or Parish	13. State		
14. Date Spudded		15. Date T.D. Reached		16. Date Completed ☐ D & A ☐ Ready to Prod.		17. Elevations (DF, RKB, RT, GL)*			
18. Total Depth: MD TVD		19. Plug Back T.D.: MD TVD		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)						22. Was well cored? ☐ No ☐ Yes (Submit analysis) Was DST run? ☐ No ☐ Yes (Submit report) Directional Survey? ☐ No ☐ Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24. Tubing Record									
Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
25. Producing Intervals					26. Perforation Record				
Formation		Top		Bottom	Perforated Interval		Size	No. Holes	Perf. Status
A)									
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org when required by state or federal regulation									
Depth Interval		Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org as applicable							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ➡	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➡	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ➡	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➡	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (*Solid, used for fuel, vented, etc.*)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure).

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (*please print*) _____ Title _____
Signature _____ Date _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

INSTRUCTIONS

GENERAL: This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wells on Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal office. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal office for specific instructions.

ITEM 17: Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

ITEM 23: Show how reported top(s) of cement were determined, i.e. circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48 (d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. et seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.

This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.

Response to this request is mandatory only if the operator elects to initiate drilling and completing/recompleting operations on an oil and gas lease.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

Additional Information

Location information: 00S1

SHL: SESE / 320 FSL / 1236 FEL / TWSP: 24S / RNG: 28E / SEC: 35 / LAT: 32.1673818 / LONG:
-104.0533675

KOP: SESE / 30 FSL / 909 FEL / TWSP: 24S / RNG: 28E / SEC: 35 / LAT: 32.1665817 / LONG:
-104.0523042

PPP: SESE / 352 FSL / 869 FEL / TWSP: 24S / RNG: 28E / SEC: 35 / LAT: 32.1674677 / LONG:
-104.052183

PPP: SENE / 2669 FSL / 857 FEL / TWSP: 24S / RNG: 28E / SEC: 26 / LAT: 32.188524 / LONG:
-104.052276

PPP: SESE / 0 FSL / 867 FEL / TWSP: 24S / RNG: 28E / SEC: 26 / LAT: 32.1811872 / LONG:
-104.052268

PPP: NENE / 1336 FNL / 857 FEL / TWSP: 24S / RNG: 28E / SEC: 35 / LAT: 32.1775143 / LONG:
-104.0522131

EXIT: NENE / 331 FNL / 888 FEL / TWSP: 24S / RNG: 28E / SEC: 26 / LAT: 32.1949233 / LONG:
-104.0522944

BHL: NENE / 331 FNL / 888 FEL / TWSP: 24S / RNG: 28E / SEC: 26 / LAT: 32.1949837 / LONG:
-104.0522954

Attachments: 00S1

Log Attachments:

1) Ripley_702H_Approved_Sundry_C_102_2700358_20230622073038.pdf

2)

Reporting___Wellbore_Schematic___RIPLEY_WC_FED_COM_702H___2023_06_22_08.31.44_20230622073614.pdf

3)

R3906_011_RIPLEY_WC_FED_COM_702H_REV. 3___CERTIFIED___AS_DRILLED_20230607_2023062213314.pdf

4) Ripley_WC_Fed_Com_702H_5MD_20230622072214.pdf

5) Ripley_WC_Fed_Com_702H___Final_Survey_Report_20230622133248.pdf

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

Approved Sundry ID: 2700358

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47613	² Pool Code 98220	³ Pool Name PURPLE SAGE; Wolfcamp (gas)
⁴ Property Code	⁵ Property Name RIPLEY WC FED COM	⁶ Well Number 702H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN, LLC	⁹ Elevation 2955'

¹⁰ Surface Location

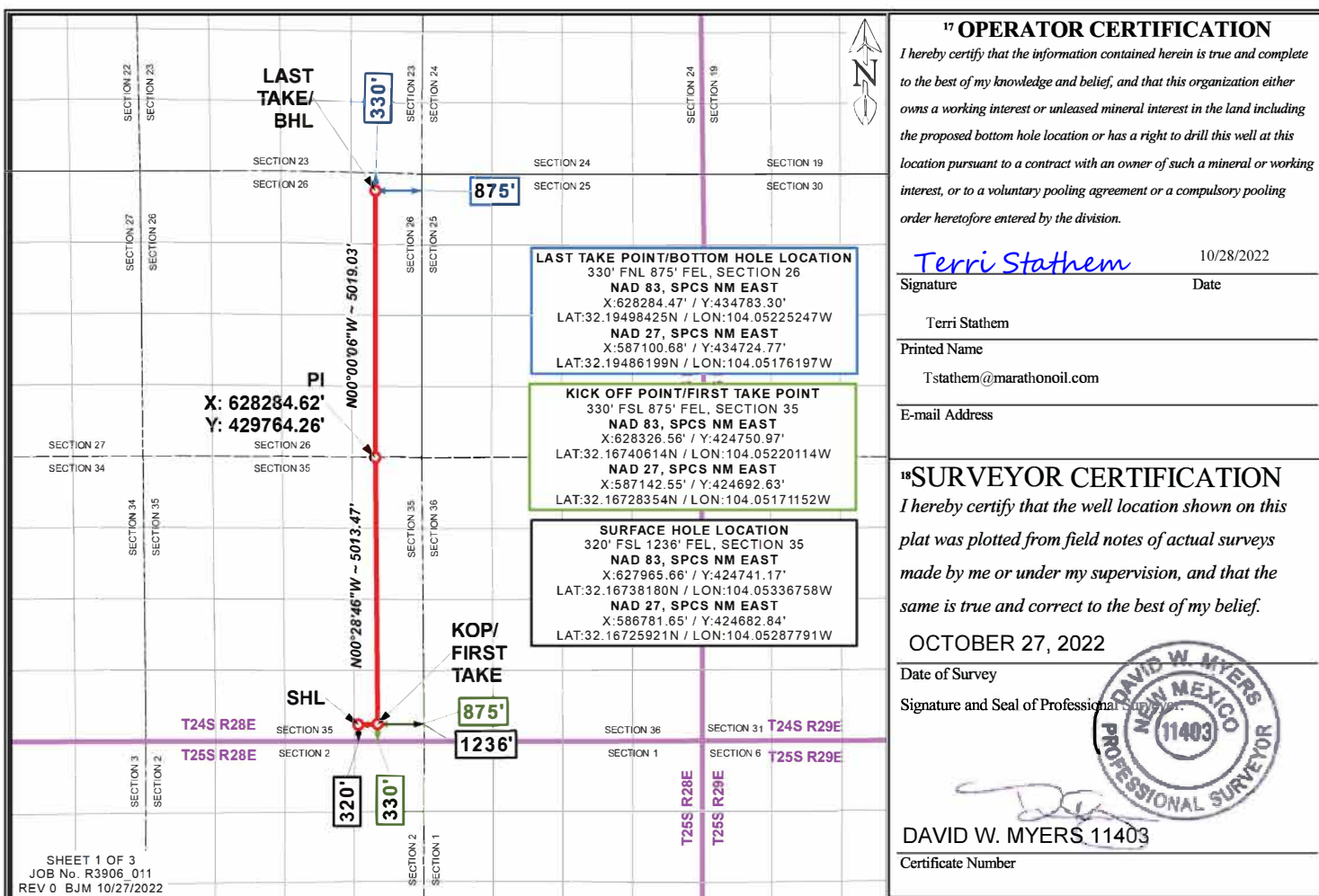
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	35	24S	28E		320	SOUTH	1236	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	24S	28E		330	NORTH	875	EAST	EDDY

¹² Dedicated Acres 640.0	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: 0.9997778 Convergence Angle: 0°08'28.5600"

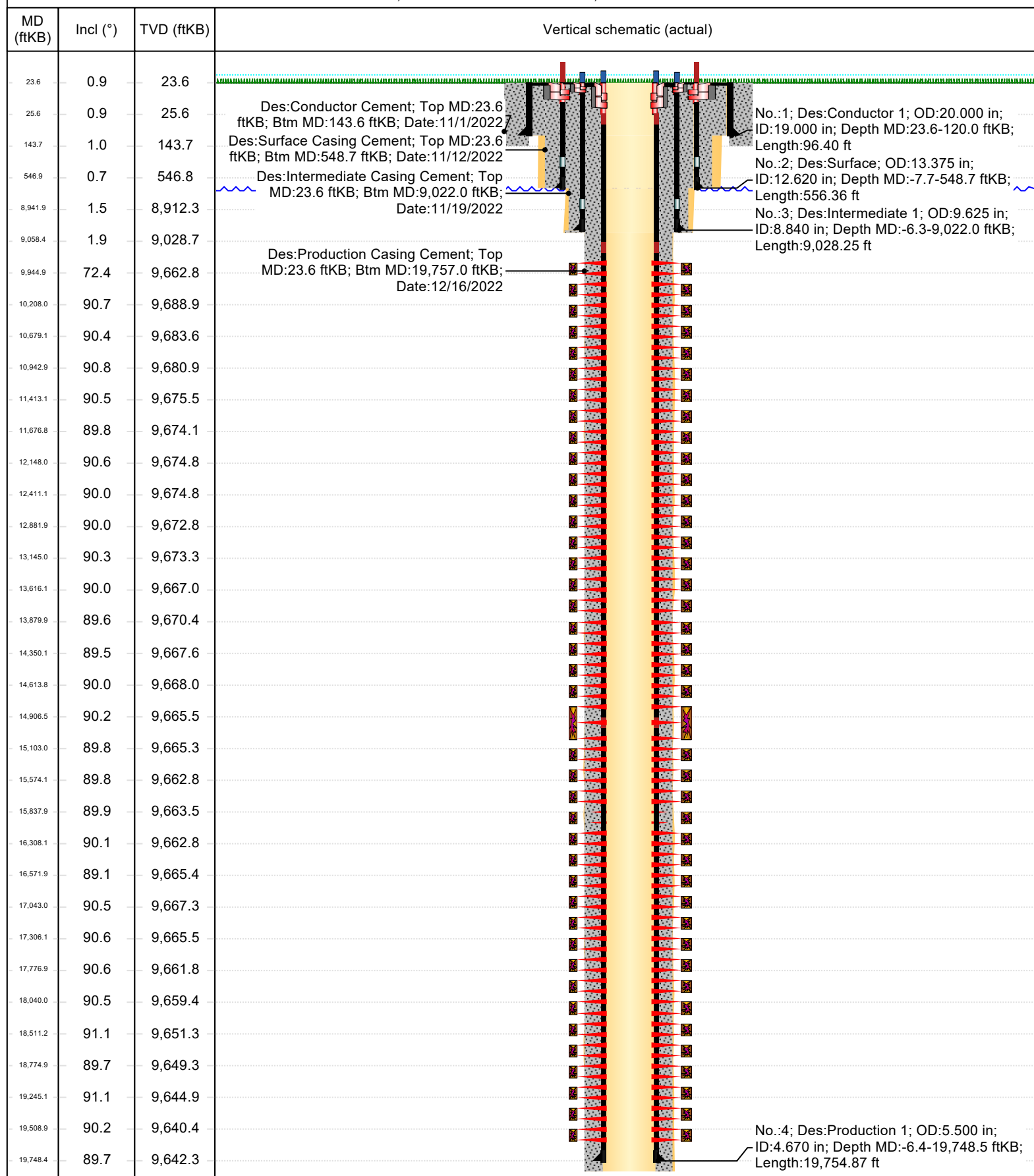


Wellbore Schematic

Well Name: RIPLEY WC FED COM 702H

State/Province NEW MEXICO	Country UNITED STATES	Field Name	Latitude (°) 32.16725920	Longitude (°) -104.05287790	North/South Distance (ft)	North/South Reference
API/IPO UWI 3001547613	KB-Ground Distance (ft) 23.60	KB-Mud Line Distance (ft)	Ground Elevation (ft) 2,955.00	Drilling Rig Spud Date 11/12/2022	Well Original Completion Date 4/21/2023	Well First Production Date 5/27/2023

HORIZONTAL, RIPLEY WC FED COM 702H, 6/22/2023 8:21:52 AM



1625 N. French Dr., Hobbs, NM 88240
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 Phone: (505) 748-1283 Fax: (505) 748-9720
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 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 30-015-47613	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code	Property Name RIPLEY WC FED COM	⁶ Well Number 702H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN, LLC	⁹ Elevation 2955'

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
P	35	24S	28E		320	SOUTH	1236	EAST	EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	24S	28E		331	NORTH	888	EAST	EDDY
¹² Dedicated Acres 640.0	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.

	CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 629159.46' / Y: 435093.64' B - X: 629159.62' / Y: 429757.43' C - X: 629204.36' / Y: 424420.60' D - X: 626556.80' / Y: 424421.71' E - X: 626504.81' / Y: 429778.17' F - X: 626479.68' / Y: 435154.11'	CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 587975.66' / Y: 435035.09' B - X: 587975.70' / Y: 429698.99' C - X: 588020.32' / Y: 424362.26' D - X: 585372.81' / Y: 424363.41' E - X: 585320.95' / Y: 429719.76' F - X: 585295.94' / Y: 435095.60'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Nicole Lee</i> 6/22/2023 Signature Date Nicole Lee Printed Name njlee@marathonoil.com E-mail Address
	BOTTOM HOLE LOCATION 331' FNL 888' FEL, SECTION 26 19757' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 628271.17' / Y: 434783.09' LAT: 32.19498377N / LON: 104.05229546W NAD 27, SPCS NM EAST X: 587087.38' / Y: 434724.56' LAT: 32.19486151N / LON: 104.05180496W		
	LAST TAKE POINT 331' FNL 888' FEL, SECTION 26 19735' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 628271.55' / Y: 434761.10' LAT: 32.19492331N / LON: 104.05229442W NAD 27, SPCS NM EAST X: 587087.76' / Y: 434702.57' LAT: 32.19480105N / LON: 104.05180392W		
	FIRST TAKE POINT 352' FSL 869' FEL, SECTION 35 9719' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 628332.09' / Y: 424773.39' LAT: 32.16746775N / LON: 104.05218309W NAD 27, SPCS NM EAST X: 587148.07' / Y: 424715.06' LAT: 32.16734515N / LON: 104.05169347W		
	KICK OFF POINT 30' FSL 909' FEL, SECTION 35 9066' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 628295.45' / Y: 424451.00' LAT: 32.16658179N / LON: 104.05230423W NAD 27, SPCS NM EAST X: 587111.43' / Y: 424392.67' LAT: 32.16645918N / LON: 104.05181463W		
SURFACE HOLE LOCATION 320' FSL 1236' FEL, SECTION 35 0' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 627965.66' / Y: 424741.17' LAT: 32.16738180N / LON: 104.05336758W NAD 27, SPCS NM EAST X: 586781.65' / Y: 424682.84' LAT: 32.16725921N / LON: 104.05287791W		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R-Squared Global. JUNE 7, 2023 Date of Survey <i>Lloyd P. Short</i> Signature and Seal of Professional Surveyor 21653 Certificate Number	

Distances/areas relative to NAD 83 Combined Scale Factor: 0.997778 Convergence Angle: 00°08'28.5600"

Horizontal Spacing Unit

C-105 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: ☐ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☐ C-144 Closure Attachment ☐ Other	
Operator Name:	OGRID:
Property Name and Well Number:	Property Code:
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal	API Number:
Pool Name:	Pool Code:

Section 2 – Well Location

	UI or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:										
BHL										

Section 3 – Completion Information

Date T.D. Reached	Total Measured Depth of Well	Acid Volume (bbls)	☐ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released	Plug-Back Measured Depth	Completion Fluid Used (bbls)	Were Logs Ran (Y/N)
Completion Date	Perforations (MD and TVD)	Completion Proppant Used (lbs)	List Type of Logs Ran if applicable:

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID:	UIC Permit/Order (UIC wells only) ☐ Yes ☐ No, Order No.
Intermediate 1 Casing Action ID:	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID:	Cement Squeeze Action ID (if applicable):
Tubing Action ID:	All casing was pressure tested in accordance with NMAC ☐ Yes ☐ No
Liner 1 Action ID:	Casing was installed prior to Action ID system (Y/N):

Section 5 – Test Data

Date First Production	Production Method	Well Status	Gas – Oil Ratio
Date of Test	Choke Size	Flowing Tubing Pressure	Casing Pressure
24 hr Oil (bbls)	24 hr Gas (MCF)	24 hr Water (bbls)	Oil Gravity - API
Disposition of Gas:			

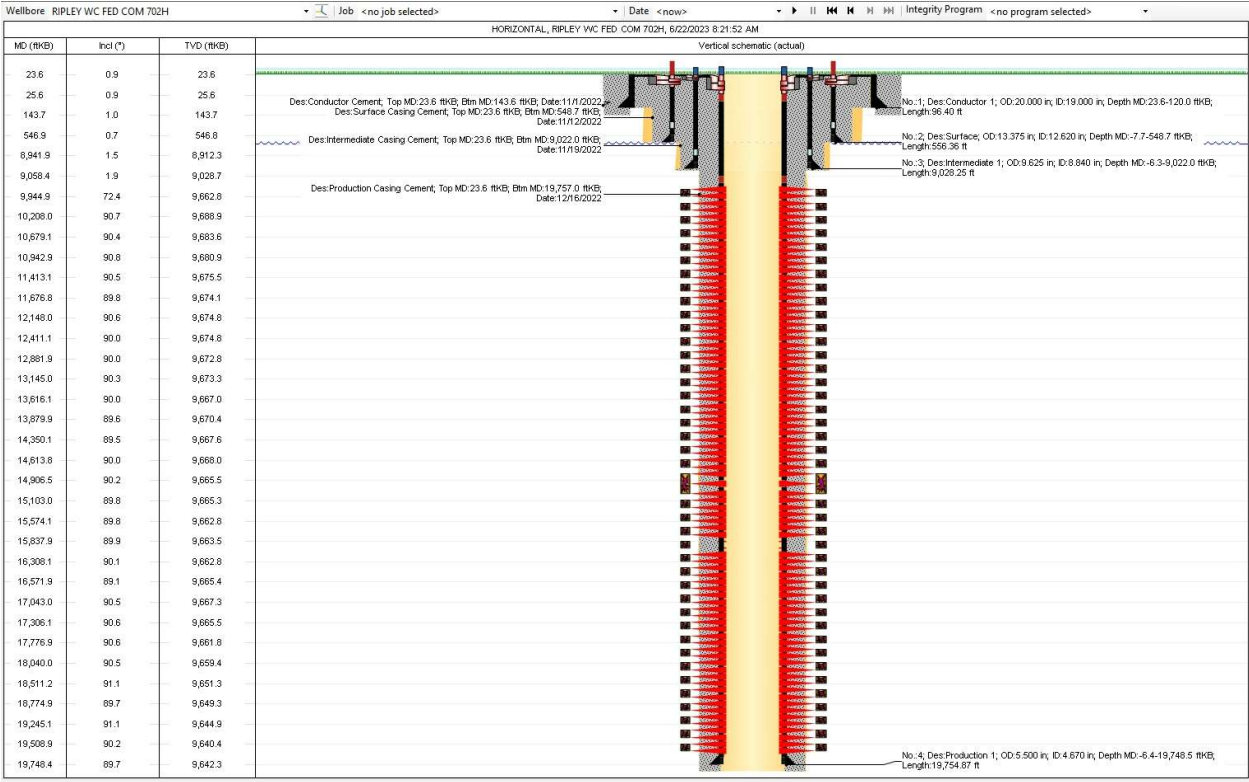
Section 6 – Pits

☐ A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit. ☐ A Closed Loop System was used. ☐ If an on-site burial was used at the well, report the exact location of the on-site burial: LAT: _____ LONG: _____
--

Section 7 - Operator Signature and Certification

☐ I hereby certify that the required Water Use Report has been, or will be, submitted for this well’s completion.	
☐ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well’s completion.	
☐ 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.	
Name	
Title	Date

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo			
T. Yates				T. Kirtland			
T. 7 Rivers				T. Fruitland			
T. Queen				T. Pictured Cliffs			
T. Grayburg				T. Lewis Shale			
T. San Andres				T. Chacra			
T. Glorieta				T. Cliff House			
T. Yeso				T. Menefee			
T. Paddock				T. Point Lookout			
T. Blinebry				T. Mancos			
T.Tubb				T. Gallup			
T. Drinkard				T. Greenhorn			
T. Abo				T. Graneros			
T. Wolfcamp				T. Dakota			
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T.Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand				T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon							
T. Cherry Canyon							
T. Brushy Canyon							
T. Bone Springs							
T. 1st BS Sand							
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							



Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

5. Lease Serial No. NMNM25953

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator MARATHON OIL PERMIAN LLC

3a. Address 990 TOWN & COUNTRY BLVD, HOUSTON, TX 3b. Phone No. (include area code) (713) 296-2113

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 35/T24S/R28E/NMP

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. RIPLEY WC FED COM/702H

9. API Well No. 3001547613

10. Field and Pool or Exploratory Area PURPLE SAGE/WOLFCAMP

11. Country or Parish, State EDDY/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☒ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Marathon Oil Permian LLC is resubmitting hydraulic fracturing sundry for correction and add additional details:

2/24/2023 - Commence frac prep operations.
2/28 - MIRU. Pressure test production casing to 13000 psi for 30 min, held, good test.
3/12 - 4/9 Start frac operations with 2 shots per foot for a total of 984 shots, 0.41-in. in size using 25,067,634 lbs of sand and 616,294 bbls liquid. Total interval from 9,719' to 19,735'.
4/9 - Finish frac operations.
4/19 - 4/21 - Perform DO ops.

Marathon Oil Permian request tubing exception for this well.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) ADRIAN COVARRUBIAS / Ph: (713) 296-3368

Title regulatory Compliance Representative

Signature (Electronic Submission)

Date 05/30/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted

Petroleum Engineer

Date 06/07/2024

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CARLSBAD

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 444386

ACKNOWLEDGMENTS

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 444386
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

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.
☒	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 444386

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 444386
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	12/10/2025