

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: Marathon Oil Permian LLC	OGRID: 372098
Property Name and Well Number: Hefeweizen State Com 302H	Property Code: 335052
Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal	API Number: 30-025-52341
Pool Name: Lea; Bone Spring	Pool Code: 37570

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	30	19S	35E		247'N	1273'E	32.63805770	-103.49217680	Lea

Section 3 – Completion Information

Producing Method	Ready Date	Perforations MD	Perforations TVD
Flowing	6/21/2024	10,192'-20,576'	9,713'-9,718

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): N/A	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 366617	Unit: ☐ Yes ☐ No, Order No.
Intermediate 1 Casing Action ID: 366617	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 366617	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): 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 Krystal Bartholomew	
Title Adv. Regulatory Compliance Representative	Date 9/9/2024

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals, & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
	Submittal Type: ☐ Initial Submittal ☐ Amended Report ☒ As Drilled	

WELL LOCATION INFORMATION

API Number 30-025-52341	Pool Code 37570	Pool Name LEA; BONE SPRING
Property Code 335052	Property Name HEFEWEIZEN STATE COM	Well Number 302H
OGRID No. 372098	Operator Name MARATHON OIL PERMIAN LLC	Ground Level Elevation 3786'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL A	Section 30	Township 19S	Range 35E	Lot	Ft. from N/S 247' FNL	Ft. from E/W 1273' FEL	Latitude (NAD83) 32.63805770	Longitude (NAD83) -103.49217680	County LEA
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Bottom Hole Location

UL P	Section 31	Township 19S	Range 35E	Lot	Ft. from N/S 101' FSL	Ft. from E/W 441' FEL	Latitude (NAD83) 32.60985807	Longitude (NAD83) -103.48950667	County LEA
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Dedicated Acres 320.00	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers:			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL P	Section 19	Township 19S	Range 35E	Lot	Ft. from N/S 557' FSL	Ft. from E/W 366' FEL	Latitude (NAD83) 32.64026405	Longitude (NAD83) -103.48923213	County LEA
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First Take Point (FTP)

UL A	Section 30	Township 19S	Range 35E	Lot	Ft. from N/S 108' FNL	Ft. from E/W 325' FEL	Latitude (NAD83) 32.63843566	Longitude (NAD83) -103.48909435	County LEA
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Last Take Point (LTP)

UL P	Section 31	Township 19S	Range 35E	Lot	Ft. from N/S 128' FSL	Ft. from E/W 440' FEL	Latitude (NAD83) 32.60993194	Longitude (NAD83) -103.48950150	County LEA
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Unitized Area or Area of Uniform Interest	Spacing Unit Type: ☒ Horizontal ☐ Vertical	Ground Floor Elevation 3786'
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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.

Krystal Bartholomew 9/9/2024
Signature Date

Krystal Bartholomew
Printed Name

kbartholomew@marathonoil.com
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. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by Delta Field Services



Signature and Seal of Professional Surveyor

Certificate Number
21653

Date of Survey
AUGUST 29, 2024

ACREAGE DEDICATION PLATS

HEFEWEIZEN STATE COM 302H

SHL
FNL 247' FEL 1273', SECTION 30
0' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:800268.05' / Y:596881.41'
LAT:32.63805770 / LON:-103.49217680
NAD 27, SPCS NM EAST
X:759087.54' / Y:596817.97'
LAT:32.63793379 / LON:-103.49168627

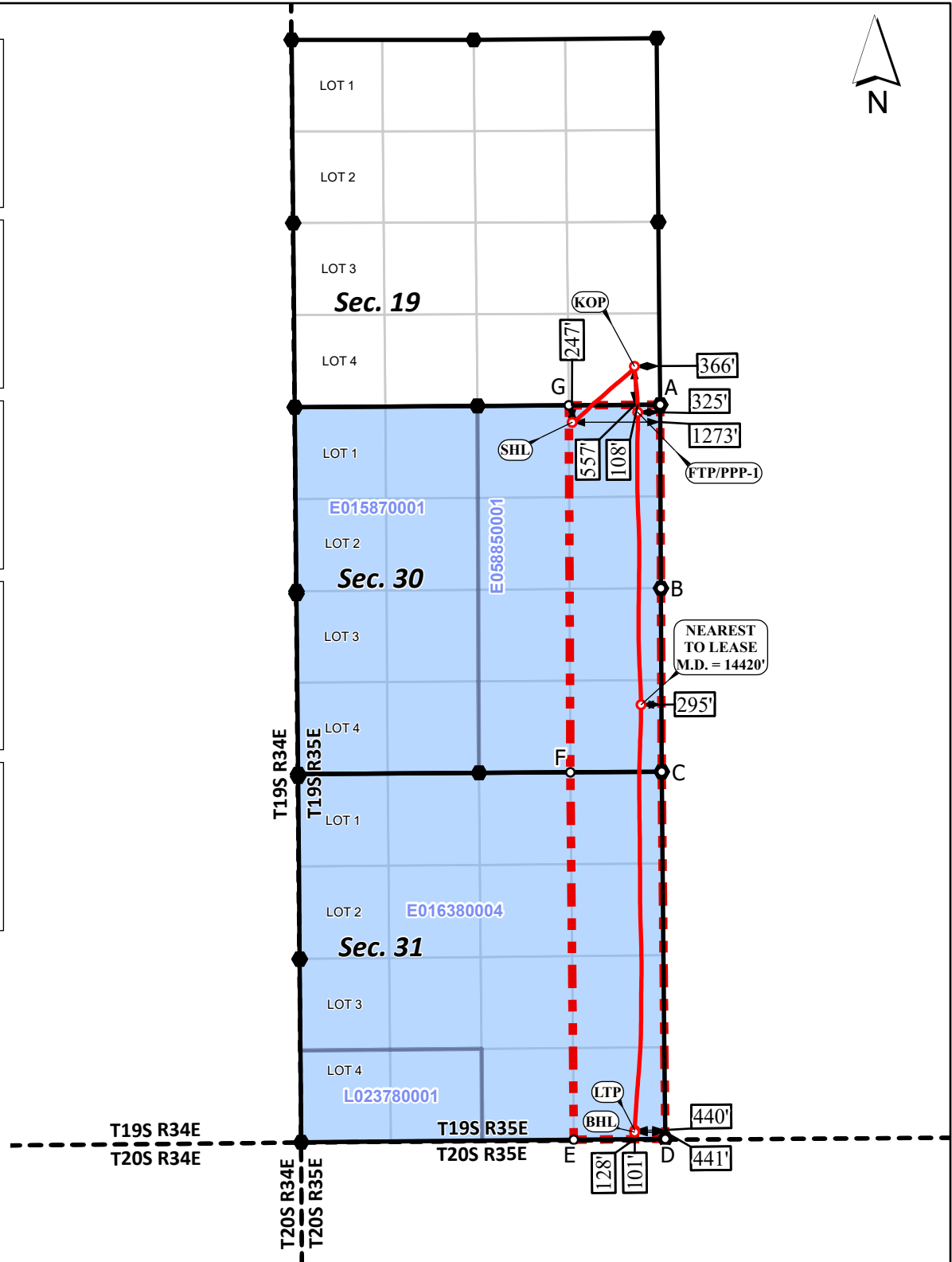
KOP
FSL 557' FEL 366', SECTION 19
9080' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:801168.15' / Y:597691.32'
LAT:32.64026405 / LON:-103.48923213
NAD 27, SPCS NM EAST
X:759987.64' / Y:597627.87'
LAT:32.64014018 / LON:-103.48874163

FTP/PPP-1
FNL 108' FEL 325', SECTION 30
10192' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:801215.85' / Y:597026.45'
LAT:32.63843566 / LON:-103.48909435
NAD 27, SPCS NM EAST
X:760035.32' / Y:596963.02'
LAT:32.63831180 / LON:-103.48860392

LTP
FSL 128' FEL 440', SECTION 31
20576' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:801172.86' / Y:586655.21'
LAT:32.60993194 / LON:-103.48950150
NAD 27, SPCS NM EAST
X:759992.03' / Y:586592.11'
LAT:32.60980810 / LON:-103.48901220

BHL
FSL 101' FEL 441', SECTION 31
20603' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:801171.48' / Y:586628.32'
LAT:32.60985807 / LON:-103.48950667
NAD 27, SPCS NM EAST
X:759990.65' / Y:586565.22'
LAT:32.60973422 / LON:-103.48901738

CORNER COORDINATES NAD 83, SPCS NM EAST	CORNER COORDINATES NAD 27, SPCS NM EAST
A - X: 801540.10' / Y: 597137.02'	A - X: 760359.57' / Y: 597073.59'
B - X: 801551.38' / Y: 594485.69'	B - X: 760370.77' / Y: 594422.35'
C - X: 801562.39' / Y: 591835.51'	C - X: 760381.70' / Y: 591772.25'
D - X: 801613.81' / Y: 586531.35'	D - X: 760432.97' / Y: 586468.26'
E - X: 800291.53' / Y: 586519.14'	E - X: 759110.71' / Y: 586456.04'
F - X: 800242.57' / Y: 591826.70'	F - X: 759061.91' / Y: 591763.42'
G - X: 800220.27' / Y: 597128.00'	G - X: 759039.76' / Y: 597064.55'



○ Drill Line Events ● Section Corners — Drill Line — Dimension Lines — Federal Leases — NMSLO — HSU ● HSU Corners
All bearings and coordinates refer to New Mexico State Plane Coordinate System, East Zone, U.S. Survey Feet.

JOB No. MRO_0008_HW
REV 2 NDS 8/14/2024

Distances/areas relative to NAD 83 grid measurements. Combined Scale Factor: 0.99981205 and a Convergence Angle: 0.44922778°



Marathon Oil Permian LLC

**Lea County, NM (NAD27 NME)
Gong Worthy - Hefeweizen Pad
Hefeweizen State Com 302H**

OH / 73853

Design: Surveys (Cactus 171)

Standard Survey Report

09 April, 2024





Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Hefeweizen State Com 302H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3809.60usft (Cactus 171)
Site:	Gong Worthy - Hefeweizen Pad	MD Reference:	RKB @ 3809.60usft (Cactus 171)
Well:	Hefeweizen State Com 302H	North Reference:	Grid
Wellbore:	OH / 73853	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	Gong Worthy - Hefeweizen Pad		
Site Position:		Northing:	596,817.97 usft
From:	Map	Easting:	759,057.54 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.637935
		Longitude:	-103.491784

Well	Hefeweizen State Com 302H		
Well Position	+N/-S	0.00 usft	Northing: 596,817.97 usft
	+E/-W	0.00 usft	Easting: 759,087.54 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
Grid Convergence:	0.45 °	Ground Level:	3,786.00 usft

Wellbore	OH / 73853		
Magnetics	Model Name	Sample Date	Declination (°)
	IFR	3/15/24	6.31
			Dip Angle (°)
			60.44
			Field Strength (nT)
			47,502.00000000

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)
	0.00	0.00	0.00
			Direction (°)
			179.60

Survey Program	Date	4/09/24		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
150.00	20,603.00	Phoenix MWD Surveys (OH / 73853)	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	
150.00	0.24	121.15	150.00	-0.16	0.27	0.16	0.16	0.16	0.00	
First Phoenix MWD Survey										
240.00	0.33	134.59	240.00	-0.44	0.61	0.45	0.12	0.10	14.93	
329.00	0.52	121.03	329.00	-0.83	1.14	0.84	0.24	0.21	-15.24	
423.00	0.47	107.71	422.99	-1.17	1.88	1.18	0.13	-0.05	-14.17	
515.00	0.47	121.00	514.99	-1.48	2.56	1.49	0.12	0.00	14.45	
608.00	0.44	118.15	607.99	-1.84	3.20	1.86	0.04	-0.03	-3.06	
698.00	0.45	109.92	697.98	-2.12	3.84	2.15	0.07	0.01	-9.14	
790.00	0.52	145.51	789.98	-2.59	4.41	2.62	0.33	0.08	38.68	



Phoenix Survey Report



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Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3809.60usft (Cactus 171)
Site:	Gong Worthy - Hefeweizen Pad	MD Reference:	RKB @ 3809.60usft (Cactus 171)
Well:	Hefeweizen State Com 302H	North Reference:	Grid
Wellbore:	OH / 73853	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)	
882.00	0.38	136.04	881.98	-3.16	4.86	3.19	0.17	-0.15	-10.29	
974.00	0.47	137.16	973.98	-3.65	5.33	3.69	0.10	0.10	1.22	
1,065.00	0.78	136.60	1,064.97	-4.38	6.01	4.42	0.34	0.34	-0.62	
1,157.00	0.84	134.83	1,156.96	-5.31	6.92	5.35	0.07	0.07	-1.92	
1,248.00	0.69	138.99	1,247.95	-6.19	7.75	6.24	0.18	-0.16	4.57	
1,340.00	0.72	129.86	1,339.95	-6.98	8.56	7.04	0.13	0.03	-9.92	
1,435.00	1.00	141.84	1,434.93	-8.01	9.53	8.08	0.35	0.29	12.61	
1,531.00	0.85	133.65	1,530.92	-9.16	10.56	9.24	0.21	-0.16	-8.53	
1,626.00	1.03	144.96	1,625.91	-10.35	11.56	10.43	0.27	0.19	11.91	
1,721.00	0.89	145.48	1,720.90	-11.66	12.47	11.74	0.15	-0.15	0.55	
1,817.00	0.95	142.32	1,816.88	-12.90	13.38	12.99	0.08	0.06	-3.29	
1,906.00	0.99	133.35	1,905.87	-14.01	14.39	14.11	0.18	0.04	-10.08	
2,005.00	1.18	129.64	2,004.85	-15.25	15.80	15.36	0.20	0.19	-3.75	
2,085.00	1.77	72.74	2,084.83	-15.41	17.61	15.53	1.87	0.74	-71.13	
2,180.00	6.95	45.98	2,179.53	-10.97	23.15	11.14	5.71	5.45	-28.17	
2,274.00	8.08	43.85	2,272.72	-2.26	31.81	2.48	1.24	1.20	-2.27	
2,368.00	7.91	44.87	2,365.81	7.09	40.95	-6.80	0.24	-0.18	1.09	
2,464.00	10.75	41.42	2,460.53	18.49	51.54	-18.13	3.01	2.96	-3.59	
2,558.00	11.89	40.95	2,552.70	32.38	63.69	-31.93	1.22	1.21	-0.50	
2,653.00	12.11	41.92	2,645.62	47.18	76.76	-46.64	0.31	0.23	1.02	
2,748.00	12.39	41.42	2,738.46	62.24	90.16	-61.61	0.32	0.29	-0.53	
2,843.00	11.26	48.39	2,831.45	76.04	103.84	-75.32	1.92	-1.19	7.34	
2,938.00	11.15	50.07	2,924.64	88.10	117.82	-87.27	0.36	-0.12	1.77	
3,032.00	11.32	49.12	3,016.83	99.97	131.76	-99.05	0.27	0.18	-1.01	
3,126.00	10.52	48.90	3,109.13	111.65	145.20	-110.63	0.85	-0.85	-0.23	
3,221.00	10.79	49.14	3,202.49	123.17	158.46	-122.06	0.29	0.28	0.25	
3,316.00	10.99	49.42	3,295.78	134.87	172.07	-133.67	0.22	0.21	0.29	
3,410.00	10.90	49.32	3,388.07	146.50	185.61	-145.20	0.10	-0.10	-0.11	
3,505.00	10.59	47.76	3,481.41	158.22	198.89	-156.83	0.45	-0.33	-1.64	
3,599.00	10.17	46.46	3,573.87	169.74	211.30	-168.26	0.51	-0.45	-1.38	
3,693.00	9.73	45.22	3,666.45	181.05	222.95	-179.49	0.52	-0.47	-1.32	
3,788.00	9.77	42.48	3,760.08	192.65	234.09	-191.02	0.49	0.04	-2.88	
3,882.00	10.61	42.21	3,852.60	204.95	245.29	-203.23	0.90	0.89	-0.29	
3,977.00	10.78	42.34	3,945.95	217.99	257.15	-216.19	0.18	0.18	0.14	
4,072.00	10.75	41.92	4,039.28	231.15	269.06	-229.27	0.09	-0.03	-0.44	
4,167.00	10.70	41.53	4,132.62	244.34	280.82	-242.38	0.09	-0.05	-0.41	
4,261.00	11.43	47.63	4,224.87	257.15	293.49	-255.10	1.47	0.78	6.49	
4,357.00	11.70	49.42	4,318.92	269.90	307.91	-267.74	0.47	0.28	1.86	
4,451.00	11.69	49.14	4,410.97	282.33	322.35	-280.07	0.06	-0.01	-0.30	
4,545.00	11.52	49.86	4,503.05	294.61	336.73	-292.25	0.24	-0.18	0.77	
4,640.00	10.57	50.62	4,596.29	306.25	350.72	-303.80	1.01	-1.00	0.80	
4,735.00	10.18	50.78	4,689.74	317.09	363.96	-314.54	0.41	-0.41	0.17	
4,828.00	10.23	50.87	4,781.27	327.50	376.73	-324.86	0.06	0.05	0.10	



Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Hefeweizen State Com 302H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3809.60usft (Cactus 171)
Site:	Gong Worthy - Hefeweizen Pad	MD Reference:	RKB @ 3809.60usft (Cactus 171)
Well:	Hefeweizen State Com 302H	North Reference:	Grid
Wellbore:	OH / 73853	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)
4,923.00	10.34	50.46	4,874.74	338.25	389.85	-335.52	0.14	0.12	-0.43
5,017.00	10.29	50.49	4,967.22	348.96	402.83	-346.14	0.05	-0.05	0.03
5,112.00	10.35	50.10	5,060.68	359.83	415.92	-356.92	0.10	0.06	-0.41
5,206.00	10.21	49.48	5,153.17	370.66	428.73	-367.66	0.19	-0.15	-0.66
5,300.00	10.44	48.69	5,245.65	381.70	441.47	-378.61	0.29	0.24	-0.84
5,394.00	10.42	48.59	5,338.10	392.94	454.24	-389.76	0.03	-0.02	-0.11
5,488.00	10.57	47.32	5,430.53	404.41	466.95	-401.14	0.29	0.16	-1.35
5,582.00	10.68	47.28	5,522.92	416.16	479.69	-412.80	0.12	0.12	-0.04
5,678.00	10.84	46.88	5,617.23	428.37	492.81	-424.92	0.18	0.17	-0.42
5,773.00	10.94	45.97	5,710.52	440.74	505.81	-437.20	0.21	0.11	-0.96
5,867.00	10.97	46.19	5,802.80	453.13	518.68	-449.50	0.05	0.03	0.23
5,962.00	10.58	49.34	5,896.13	465.07	531.82	-461.35	0.74	-0.41	3.32
6,057.00	10.68	49.75	5,989.50	476.44	545.16	-472.62	0.13	0.11	0.43
6,152.00	10.66	49.24	6,082.86	487.87	558.53	-483.95	0.10	-0.02	-0.54
6,246.00	10.76	49.63	6,175.22	499.23	571.80	-495.22	0.13	0.11	0.41
6,340.00	10.68	49.70	6,267.58	510.54	585.13	-506.45	0.09	-0.09	0.07
6,435.00	10.35	50.68	6,360.98	521.64	598.44	-517.45	0.40	-0.35	1.03
6,530.00	10.20	50.48	6,454.46	532.40	611.54	-528.12	0.16	-0.16	-0.21
6,625.00	9.59	49.96	6,548.05	542.85	624.08	-538.48	0.65	-0.64	-0.55
6,719.00	10.07	49.80	6,640.67	553.19	636.35	-548.73	0.51	0.51	-0.17
6,813.00	9.74	48.09	6,733.26	563.80	648.55	-559.26	0.47	-0.35	-1.82
6,908.00	10.15	50.72	6,826.84	574.47	661.01	-569.84	0.64	0.43	2.77
7,002.00	10.29	51.24	6,919.35	584.97	673.97	-580.25	0.18	0.15	0.55
7,097.00	10.81	50.36	7,012.74	595.97	687.44	-591.15	0.57	0.55	-0.93
7,192.00	10.94	50.87	7,106.03	607.34	701.30	-602.43	0.17	0.14	0.54
7,287.00	10.83	50.23	7,199.32	618.74	715.15	-613.73	0.17	-0.12	-0.67
7,381.00	10.48	49.76	7,291.70	629.91	728.46	-624.81	0.38	-0.37	-0.50
7,476.00	10.32	49.18	7,385.14	641.05	741.50	-635.86	0.20	-0.17	-0.61
7,571.00	10.31	49.22	7,478.61	652.17	754.37	-646.89	0.01	-0.01	0.04
7,665.00	10.14	48.87	7,571.11	663.11	766.98	-657.74	0.19	-0.18	-0.37
7,759.00	10.56	48.77	7,663.58	674.23	779.69	-668.77	0.45	0.45	-0.11
7,854.00	10.51	48.81	7,756.98	685.67	792.75	-680.12	0.05	-0.05	0.04
7,948.00	10.32	48.28	7,849.43	696.92	805.49	-691.28	0.23	-0.20	-0.56
8,043.00	10.07	47.72	7,942.93	708.17	817.99	-702.44	0.28	-0.26	-0.59
8,137.00	10.15	48.54	8,035.48	719.18	830.27	-713.37	0.18	0.09	0.87
8,231.00	9.82	48.77	8,128.05	729.95	842.51	-724.05	0.35	-0.35	0.24
8,326.00	8.83	57.97	8,221.80	739.16	854.78	-733.17	1.88	-1.04	9.68
8,421.00	7.90	64.56	8,315.79	745.83	866.86	-739.76	1.40	-0.98	6.94
8,515.00	8.36	38.99	8,408.88	753.92	877.00	-747.78	3.85	0.49	-27.20
8,610.00	8.63	22.96	8,502.85	765.85	884.13	-759.66	2.50	0.28	-16.87
8,704.00	7.59	16.18	8,595.91	778.31	888.61	-772.08	1.50	-1.11	-7.21
8,799.00	7.03	17.31	8,690.14	789.88	892.08	-783.63	0.61	-0.59	1.19
8,841.00	6.61	19.01	8,731.84	794.62	893.64	-788.36	1.11	-1.00	4.05



Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Hefeweizen State Com 302H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3809.60usft (Cactus 171)
Site:	Gong Worthy - Hefeweizen Pad	MD Reference:	RKB @ 3809.60usft (Cactus 171)
Well:	Hefeweizen State Com 302H	North Reference:	Grid
Wellbore:	OH / 73853	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)
8,986.00	4.12	23.51	8,876.19	807.29	898.43	-801.00	1.74	-1.72	3.10
9,080.00	0.70	145.24	8,970.12	809.92	900.11	-803.61	4.82	-3.64	129.50
KOP: 9080.00' MD, 8970.12' TVD - Lat: 32.640140, Long: -103.488742									
9,174.00	5.89	169.44	9,063.93	804.70	901.32	-798.39	5.60	5.52	25.74
9,268.00	10.64	170.67	9,156.93	791.39	903.61	-785.06	5.06	5.05	1.31
9,363.00	15.62	174.43	9,249.42	769.99	906.28	-763.64	5.32	5.24	3.96
9,423.00	18.77	177.00	9,306.73	752.31	907.57	-745.95	5.40	5.25	4.28
9,500.00	24.21	177.92	9,378.35	724.14	908.79	-717.77	7.08	7.06	1.19
9,594.00	44.37	176.65	9,455.61	671.52	911.44	-665.14	21.46	21.45	-1.35
9,689.00	54.41	173.19	9,517.38	599.81	917.98	-593.39	10.92	10.57	-3.64
9,783.00	52.75	172.49	9,573.19	524.76	927.40	-518.27	1.86	-1.77	-0.74
9,878.00	64.89	176.15	9,622.29	444.04	935.26	-437.50	13.19	12.78	3.85
9,973.00	70.10	176.81	9,658.64	356.47	940.64	-349.89	5.52	5.48	0.69
10,068.00	76.20	178.33	9,686.17	265.67	944.47	-259.07	6.60	6.42	1.60
10,161.00	76.78	178.50	9,707.89	175.28	946.97	-168.67	0.65	0.62	0.18
10,183.64	77.39	178.43	9,712.95	153.22	947.56	-146.61	2.71	2.69	-0.33
FTP: 10183.64' MD, 9712.95' TVD - Lat: 32.638334, Long: -103.488604									
10,257.00	79.36	178.19	9,727.74	81.40	949.69	-74.77	2.71	2.69	-0.32
10,351.00	82.70	179.64	9,742.39	-11.41	951.44	18.06	3.87	3.55	1.54
10,445.00	86.08	181.97	9,751.58	-104.93	950.12	111.56	4.36	3.60	2.48
10,477.00	89.93	182.93	9,752.69	-136.88	948.75	143.50	12.40	12.03	3.00
10,541.00	90.99	183.45	9,752.18	-200.78	945.19	207.37	1.84	1.66	0.81
10,635.00	90.04	180.50	9,751.33	-294.71	941.95	301.27	3.30	-1.01	-3.14
10,729.00	89.22	179.75	9,751.94	-388.70	941.75	395.27	1.18	-0.87	-0.80
10,824.00	89.13	179.81	9,753.31	-483.69	942.11	490.26	0.11	-0.09	0.06
10,918.00	89.10	180.09	9,754.76	-577.68	942.19	584.24	0.30	-0.03	0.30
11,013.00	88.10	180.47	9,757.08	-672.65	941.73	679.21	1.13	-1.05	0.40
11,108.00	88.08	180.31	9,760.25	-767.59	941.08	774.15	0.17	-0.02	-0.17
11,202.00	87.59	179.57	9,763.80	-861.53	941.18	868.08	0.94	-0.52	-0.79
11,297.00	91.27	178.15	9,764.74	-956.48	943.07	963.04	4.15	3.87	-1.49
11,392.00	91.56	178.72	9,762.40	-1,051.42	945.66	1,058.00	0.67	0.31	0.60
11,486.00	90.08	178.01	9,761.05	-1,145.37	948.35	1,151.96	1.75	-1.57	-0.76
11,581.00	89.99	178.18	9,761.00	-1,240.32	951.50	1,246.93	0.20	-0.09	0.18
11,676.00	90.41	177.47	9,760.66	-1,335.25	955.11	1,341.88	0.87	0.44	-0.75
11,771.00	90.61	177.53	9,759.82	-1,430.15	959.25	1,436.81	0.22	0.21	0.06
11,866.00	90.32	177.61	9,759.05	-1,525.06	963.28	1,531.75	0.32	-0.31	0.08
11,961.00	90.75	177.52	9,758.16	-1,619.97	967.32	1,626.69	0.46	0.45	-0.09
12,055.00	89.73	180.15	9,757.77	-1,713.94	969.23	1,720.67	3.00	-1.09	2.80
12,150.00	90.32	180.51	9,757.73	-1,808.94	968.68	1,815.66	0.73	0.62	0.38
12,244.00	90.75	179.93	9,756.85	-1,902.94	968.32	1,909.65	0.77	0.46	-0.62
12,339.00	90.93	179.88	9,755.45	-1,997.92	968.48	2,004.64	0.20	0.19	-0.05
12,433.00	91.41	180.28	9,753.54	-2,091.90	968.35	2,098.61	0.66	0.51	0.43
12,527.00	89.82	180.49	9,752.53	-2,185.89	967.71	2,192.60	1.71	-1.69	0.22
12,622.00	90.65	180.68	9,752.14	-2,280.89	966.74	2,287.58	0.90	0.87	0.20



Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Hefeweizen State Com 302H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3809.60usft (Cactus 171)
Site:	Gong Worthy - Hefeweizen Pad	MD Reference:	RKB @ 3809.60usft (Cactus 171)
Well:	Hefeweizen State Com 302H	North Reference:	Grid
Wellbore:	OH / 73853	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)
12,717.00	90.84	180.97	9,750.90	-2,375.87	965.38	2,382.55	0.36	0.20	0.31
12,812.00	91.13	180.65	9,749.27	-2,470.85	964.03	2,477.52	0.45	0.31	-0.34
12,906.00	90.96	181.36	9,747.55	-2,564.82	962.39	2,571.47	0.78	-0.18	0.76
13,001.00	91.64	181.17	9,745.40	-2,659.77	960.29	2,666.41	0.74	0.72	-0.20
13,095.00	90.64	180.33	9,743.53	-2,753.74	959.06	2,760.37	1.39	-1.06	-0.89
13,189.00	90.90	179.88	9,742.27	-2,847.73	958.89	2,854.35	0.55	0.28	-0.48
13,284.00	91.63	179.81	9,740.17	-2,942.71	959.14	2,949.33	0.77	0.77	-0.07
13,378.00	91.53	179.69	9,737.58	-3,036.67	959.55	3,043.29	0.17	-0.11	-0.13
13,473.00	91.22	179.19	9,735.30	-3,131.64	960.48	3,138.27	0.62	-0.33	-0.53
13,567.00	91.19	178.60	9,733.32	-3,225.60	962.29	3,232.24	0.63	-0.03	-0.63
13,663.00	89.75	177.84	9,732.53	-3,321.54	965.28	3,328.20	1.70	-1.50	-0.79
13,758.00	90.04	177.71	9,732.71	-3,416.47	968.96	3,423.15	0.33	0.31	-0.14
13,852.00	89.96	177.18	9,732.71	-3,510.38	973.15	3,517.09	0.57	-0.09	-0.56
13,947.00	90.05	177.11	9,732.70	-3,605.26	977.89	3,612.00	0.12	0.09	-0.07
14,042.00	90.12	177.12	9,732.56	-3,700.14	982.67	3,706.91	0.07	0.07	0.01
14,136.00	90.19	177.15	9,732.30	-3,794.02	987.37	3,800.82	0.08	0.07	0.03
14,231.00	90.86	177.84	9,731.43	-3,888.93	991.52	3,895.75	1.01	0.71	0.73
14,326.00	91.29	178.07	9,729.65	-3,983.85	994.91	3,990.70	0.51	0.45	0.24
14,420.00	90.10	181.05	9,728.51	-4,077.83	995.63	4,084.68	3.41	-1.27	3.17
14,514.00	89.68	179.82	9,728.69	-4,171.82	994.92	4,178.67	1.38	-0.45	-1.31
14,666.00	90.29	181.86	9,728.73	-4,323.80	992.69	4,330.62	1.40	0.40	1.34
14,760.00	89.47	181.81	9,728.93	-4,417.75	989.68	4,424.55	0.87	-0.87	-0.05
14,855.00	90.41	181.93	9,729.03	-4,512.70	986.58	4,519.47	1.00	0.99	0.13
14,949.00	89.70	182.11	9,728.94	-4,606.64	983.26	4,613.39	0.78	-0.76	0.19
15,010.00	89.81	182.02	9,729.20	-4,667.60	981.07	4,674.33	0.23	0.18	-0.15
15,104.00	90.18	182.07	9,729.21	-4,761.54	977.71	4,768.25	0.40	0.39	0.05
15,199.00	91.50	181.99	9,727.81	-4,856.47	974.35	4,863.15	1.39	1.39	-0.08
15,293.00	89.90	181.92	9,726.66	-4,950.40	971.14	4,957.06	1.70	-1.70	-0.07
15,387.00	88.25	180.44	9,728.18	-5,044.36	969.20	5,051.01	2.36	-1.76	-1.57
15,482.00	88.78	180.12	9,730.64	-5,139.33	968.74	5,145.97	0.65	0.56	-0.34
15,576.00	89.11	179.85	9,732.37	-5,233.31	968.77	5,239.95	0.45	0.35	-0.29
15,671.00	89.02	179.53	9,733.92	-5,328.30	969.28	5,334.94	0.35	-0.09	-0.34
15,766.00	89.71	179.11	9,734.98	-5,423.29	970.41	5,429.93	0.85	0.73	-0.44
15,860.00	90.29	179.39	9,734.98	-5,517.28	971.64	5,523.93	0.69	0.62	0.30
15,955.00	90.52	179.37	9,734.31	-5,612.27	972.67	5,618.92	0.24	0.24	-0.02
16,049.00	90.02	179.49	9,733.86	-5,706.26	973.60	5,712.92	0.55	-0.53	0.13
16,144.00	90.62	178.98	9,733.33	-5,801.25	974.87	5,807.92	0.83	0.63	-0.54
16,239.00	93.12	179.38	9,730.23	-5,896.18	976.23	5,902.86	2.67	2.63	0.42
16,334.00	93.49	179.41	9,724.76	-5,991.02	977.23	5,997.70	0.39	0.39	0.03
16,428.00	94.51	179.20	9,718.20	-6,084.78	978.37	6,091.47	1.11	1.09	-0.22
16,522.00	94.08	179.75	9,711.16	-6,178.51	979.23	6,185.20	0.74	-0.46	0.59
16,617.00	94.93	179.68	9,703.70	-6,273.22	979.70	6,279.91	0.90	0.89	-0.07
16,713.00	94.29	179.72	9,695.98	-6,368.91	980.20	6,375.59	0.67	-0.67	0.04



Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Hefeweizen State Com 302H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3809.60usft (Cactus 171)
Site:	Gong Worthy - Hefeweizen Pad	MD Reference:	RKB @ 3809.60usft (Cactus 171)
Well:	Hefeweizen State Com 302H	North Reference:	Grid
Wellbore:	OH / 73853	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)	
16,807.00	93.31	180.15	9,689.75	-6,462.70	980.30	6,469.39	1.14	-1.04	0.46	
16,902.00	90.32	179.59	9,686.74	-6,557.64	980.52	6,564.33	3.20	-3.15	-0.59	
16,995.00	92.07	179.90	9,684.80	-6,650.61	980.93	6,657.30	1.91	1.88	0.33	
17,090.00	90.65	179.94	9,682.55	-6,745.59	981.07	6,752.27	1.50	-1.49	0.04	
17,184.00	88.73	179.17	9,683.06	-6,839.58	981.80	6,846.26	2.20	-2.04	-0.82	
17,278.00	89.30	179.23	9,684.67	-6,933.55	983.11	6,940.25	0.61	0.61	0.06	
17,373.00	90.33	179.15	9,684.98	-7,028.54	984.45	7,035.24	1.09	1.08	-0.08	
17,467.00	90.67	178.93	9,684.16	-7,122.52	986.03	7,129.23	0.43	0.36	-0.23	
17,561.00	88.78	178.37	9,684.61	-7,216.49	988.24	7,223.22	2.10	-2.01	-0.60	
17,655.00	89.48	178.03	9,686.04	-7,310.43	991.19	7,317.18	0.83	0.74	-0.36	
17,750.00	91.35	178.34	9,685.35	-7,405.38	994.20	7,412.14	2.00	1.97	0.33	
17,844.00	92.41	178.31	9,682.27	-7,499.29	996.95	7,506.07	1.13	1.13	-0.03	
17,939.00	91.61	178.91	9,678.93	-7,594.20	999.25	7,600.99	1.05	-0.84	0.63	
18,033.00	88.84	178.80	9,678.57	-7,688.17	1,001.13	7,694.97	2.95	-2.95	-0.12	
18,128.00	89.82	179.51	9,679.68	-7,783.15	1,002.53	7,789.96	1.27	1.03	0.75	
18,223.00	89.64	180.06	9,680.12	-7,878.15	1,002.89	7,884.96	0.61	-0.19	0.58	
18,317.00	89.22	180.64	9,681.06	-7,972.14	1,002.31	7,978.95	0.76	-0.45	0.62	
18,411.00	89.21	180.49	9,682.35	-8,066.13	1,001.38	8,072.93	0.16	-0.01	-0.16	
18,506.00	90.05	181.63	9,682.96	-8,161.11	999.63	8,167.89	1.49	0.88	1.20	
18,601.00	90.62	179.95	9,682.40	-8,256.10	998.32	8,262.86	1.87	0.60	-1.77	
18,695.00	92.26	179.93	9,680.04	-8,350.06	998.42	8,356.83	1.74	1.74	-0.02	
18,790.00	89.79	180.59	9,678.34	-8,445.04	997.98	8,451.80	2.69	-2.60	0.69	
18,884.00	88.87	180.67	9,679.44	-8,539.03	996.95	8,545.78	0.98	-0.98	0.09	
18,979.00	88.17	181.01	9,681.90	-8,633.98	995.56	8,640.72	0.82	-0.74	0.36	
19,073.00	87.79	180.69	9,685.21	-8,727.91	994.17	8,734.64	0.53	-0.40	-0.34	
19,168.00	88.62	180.00	9,688.19	-8,822.86	993.59	8,829.59	1.14	0.87	-0.73	
19,263.00	90.10	181.66	9,689.25	-8,917.84	992.22	8,924.55	2.34	1.56	1.75	
19,358.00	88.98	183.60	9,690.01	-9,012.73	987.86	9,019.41	2.36	-1.18	2.04	
19,453.00	86.14	183.51	9,694.05	-9,107.45	981.97	9,114.09	2.99	-2.99	-0.09	
19,547.00	87.09	183.71	9,699.60	-9,201.10	976.07	9,207.69	1.03	1.01	0.21	
19,642.00	87.28	183.24	9,704.27	-9,295.81	970.31	9,302.36	0.53	0.20	-0.49	
19,736.00	86.05	185.00	9,709.74	-9,389.41	963.57	9,395.91	2.28	-1.31	1.87	
19,831.00	85.91	185.16	9,716.40	-9,483.80	955.18	9,490.24	0.22	-0.15	0.17	
19,925.00	86.79	184.65	9,722.38	-9,577.27	947.16	9,583.64	1.08	0.94	-0.54	
20,019.00	87.79	184.21	9,726.83	-9,670.88	939.91	9,677.20	1.16	1.06	-0.47	
20,114.00	87.96	184.01	9,730.35	-9,765.57	933.11	9,771.85	0.28	0.18	-0.21	
20,208.00	89.73	183.88	9,732.24	-9,859.32	926.64	9,865.55	1.89	1.88	-0.14	
20,303.00	91.66	183.82	9,731.09	-9,954.10	920.26	9,960.28	2.03	2.03	-0.06	
20,397.00	92.64	183.44	9,727.56	-10,047.84	914.31	10,053.98	1.12	1.04	-0.40	
20,492.00	93.71	182.91	9,722.30	-10,142.55	909.06	10,148.65	1.26	1.13	-0.56	
20,548.00	94.62	182.91	9,718.24	-10,198.33	906.23	10,204.41	1.63	1.63	0.00	
Final Phoenix MWD Survey										
20,603.00	94.62	182.91	9,713.81	-10,253.08	903.44	10,259.14	0.00	0.00	0.00	
Projection to TD - Lat: 32.609733, Long: -103.489016										



Phoenix Survey Report



Company:	Marathon Oil Permian LLC	Local Co-ordinate Reference:	Well Hefeweizen State Com 302H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3809.60usft (Cactus 171)
Site:	Gong Worthy - Hefeweizen Pad	MD Reference:	RKB @ 3809.60usft (Cactus 171)
Well:	Hefeweizen State Com 302H	North Reference:	Grid
Wellbore:	OH / 73853	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)
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Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
150.00	150.00	-0.16	0.27	First Phoenix MWD Survey
9,080.00	8,970.12	809.92	900.11	KOP: 9080.00' MD, 8970.12' TVD
9,080.00	8,970.12	809.92	900.11	Lat: 32.640140, Long: -103.488742
10,183.64	9,712.95	153.22	947.56	FTP: 10183.64' MD, 9712.95' TVD
10,183.64	9,712.95	153.22	947.56	Lat: 32.638334, Long: -103.488604
20,548.00	9,718.24	-10,198.33	906.23	Final Phoenix MWD Survey
20,603.00	9,713.81	-10,253.08	903.44	Projection to TD
20,603.00	9,713.81	-10,253.08	903.44	Lat: 32.609733, Long: -103.489016

C-105	State of New Mexico	Revised July 9, 2024
Submit Electronically Via OCD Permitting	Energy, Minerals & Natural Resources Department	
OIL CONSERVATION DIVISION		

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: Marathon Oil Permian LLC	OGRID: 372098
Property Name and Well Number: Hefeweizen State Com 302H	Property Code: 335052
Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal	API Number: 30-025-52341
Pool Name: Lea; Bone Spring	Pool Code: 37570

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:	A	30	19S	35E		247'	N	1273'	E	Lea
BHL	P	31	19S	35E		101'	S	441'	E	Lea

Section 3 – Completion Information

Date T.D. Reached 4/5/2024	Total Measured Depth of Well 20,538' 20,603	Acid Volume (bbls) 0	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 4/8/2024	Plug-Back Measured Depth 20,586'	Completion Fluid Used (bbls) 533,754.00	Were Logs Ran (Y/N) Y
Completion Date 6/21/2024	Perforations (MD and TVD) 10,192'-20,576'	Completion Proppant Used (lbs) 25,959,906.00	List Type of Logs Ran if applicable: GR

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 366617	UIC Permit/Order (UIC wells only) ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 366617	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID: 366617	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): N

Section 5 – Test Data

Date First Production 6/21/2024	Production Method Flowing	Well Status Producing	Gas – Oil Ratio
Date of Test 6/28/2024	Choke Size 52/64	Flowing Tubing Pressure 0	Casing Pressure 788 psig
24 hr Oil (bbls) 1418	24 hr Gas (MCF) 1140	24 hr Water (bbls) 3984	Oil Gravity - API 40
Disposition of Gas: Sold			

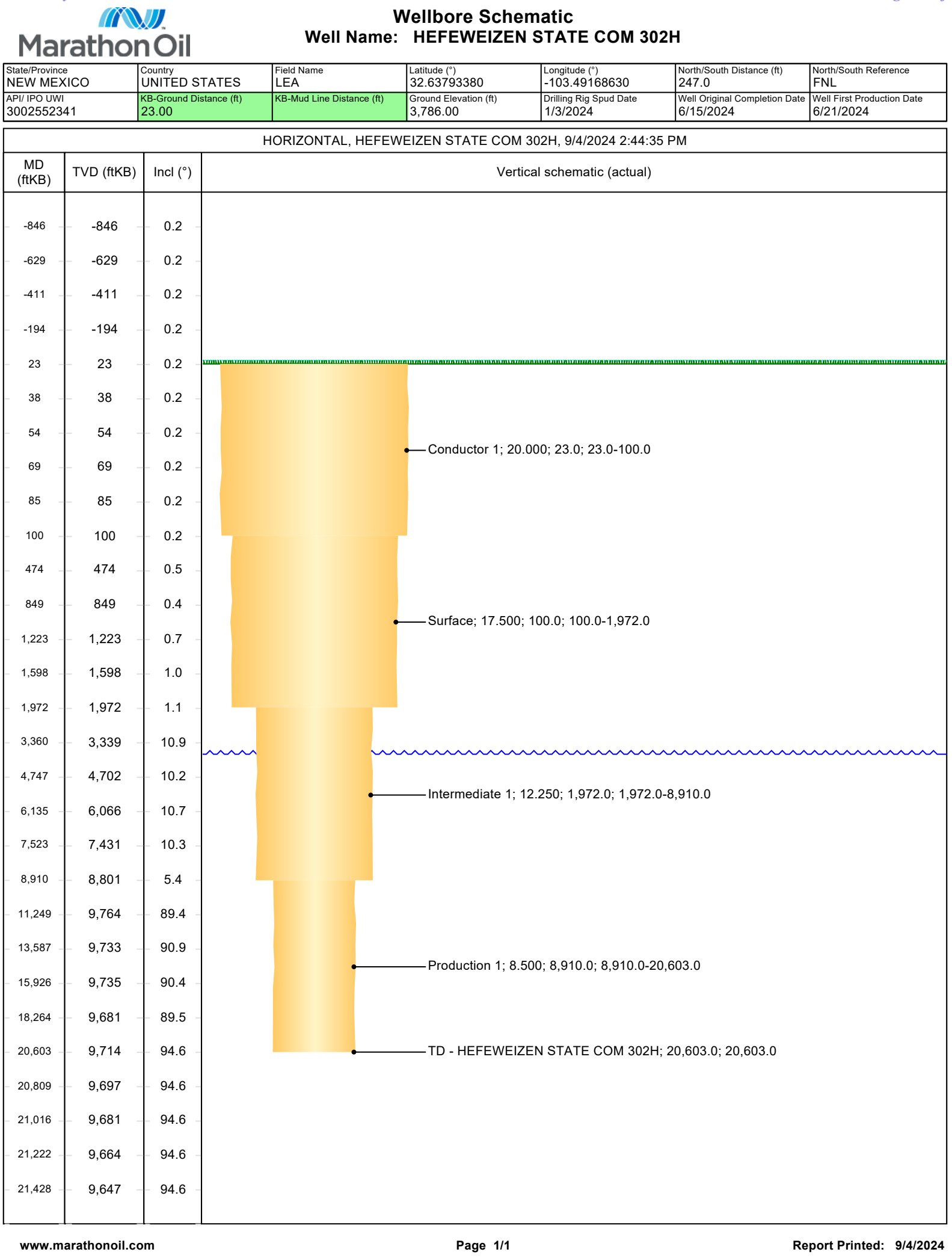
Section 6 – Pits

☐ 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 Krystal Bartholomew	
Title Adv. Regulatory Compliance Representative	Date 09/18/2024

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	3714'	3688'	Oil	T. Kirtland			
T. 7 Rivers	4031'	3999'	None	T. Fruitland			
T. Queen	4609'	4566'	Oil	T. Pictured Cliffs			
T. Grayburg	5040'	4990	None	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	7027'	6944'	Oil				
T. Brushy Canyon	7489'	7398'	Oil				
T. Bone Springs	8197'	8095'	Oil				
T. 1st BS Sand	9841'	9605'	Oil				
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							



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 384699

ACKNOWLEDGMENTS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 384699
	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.

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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
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CONDITIONS

Action 384699

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 384699
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/22/2024