

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

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 5555 San Felipe St., Houston, TX 77056		² OGRID Number 372098
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-44899	⁵ Pool Name WC-025 G-08 S263412K; BONE SPRING	⁶ Pool Code 96672
⁷ Property Code 321518	⁸ Property Name MADERAL 19 TB FEDERAL	⁹ Well Number 1H

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
N	19	28S	35E		351	FSL	1368	FWL	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
L	18	26S	35E		2542	FSL	683	FWL	LEA
¹² Lse Code F	¹³ Producing Method Code P	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
	ORYX GATHERING	O
	LUCID ENERGY	G

IV. Well Completion Data

²¹ Spud Date 10/30/2018	²² Ready Date 8/17/2019	²³ TD 20068' / 12496'	²⁴ PBDT 20019' / 12496'	²⁵ Perforations 12611' - 19965'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1188'	1045		
12 1/4"	9 5/8"	5418'	1570		
8 3/4"	7"	11927'	825		
6 1/8"	4 1/2" Tubing 2 3/8"	20064' Tubing: 12378'	785		

V. Well Test Data

³¹ Date New Oil 8/18/2019	³² Gas Delivery Date	³³ Test Date 8/25/2019	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 675
³⁷ Choke Size 64	³⁸ Oil 3853	³⁹ Water 4337	⁴⁰ Gas 2325		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:

Printed name: Adrian Covarrubias

Title: Regulatory Professional

E-mail Address: acovarrubias@marathonoil.com

Date: 10/14/2019

Phone: 713-296-3368

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

12/24/19

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM93223

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator MARATHON OIL PERMIAN LLC Contact: ADRIAN COVARRUBIAS E-Mail: jvancuren@marathonoil.com			8. Lease Name and Well No. MADERA 19 TB FED 1H		
3. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056			9. API Well No. 30-025-44899-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 19 T26S R35E Mer NMP SESW 351FSL 1368FWL 32.022404 N Lat, 103.410240 W Lon At top prod interval reported below Sec 19 T26S R35E Mer NMP SESW 351FSL 1368FWL At total depth NWSW 2542FSL 675FWL			10. Field and Pool, or Exploratory WC-025 G08 S263412K BONE SPRING		
14. Date Spudded 10/30/2018			15. Date T.D. Reached 01/30/2019		
16. Date Completed ☐ D & A ☒ Ready to Prod. 08/17/2019			17. Elevations (DF, KB, RT, GL)* 3185 GL		
18. Total Depth: MD 20068 TVD 12537			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) MUDANDGR		
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)					

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	1188		1045		0	
12.250	9.625 J55	40.0	0	5418		1570		0	
8.750	7.000 P110	29.0	0	11927		825		0	
6.125	4.500 P110HC	13.5	11601	20064		785		11601	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	12378	12360						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	12611	19965	12611 TO 19965	0.000	1016	ACTIVE OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
12611 TO 19965	16,515,592 LBS - 40/70; 100 MESH

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/18/2019	08/25/2019	24	→	3853.0	2325.0	4337.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	SI	675.0	→	3853	2325	4337		POW	

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	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #487890 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

KZ

Revisions to Operator-Submitted EC Data for Well Completion #487890

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM093223	NMNM93223
Agreement:		
Operator:	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE HOUSTON, TX 77056 Ph: 713-296-3368	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE STREET HOUSTON, TX 77056
Admin Contact:	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: acovarrubias@marathonoil.com Ph: 713-296-3368	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: jvancuren@marathonoil.com Ph: 713-296-3368
Tech Contact:	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: acovarrubias@marathonoil.com Ph: 713-296-3368	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: jvancuren@marathonoil.com Ph: 713-296-3368
Well Name: Number:	MADERA 19 TB FEDERAL COM 1H	MADERA 19 TB FED 1H
Location: State: County: S/T/R: Surf Loc:	NM LEA Sec 19 T26S R35E Mer NMP SESW 351FSL 1368FWL	NM LEA Sec 19 T26S R35E Mer NMP SESW 351FSL 1368FWL 32.022404 N Lat, 103.410240 W Lon
Field/Pool:	BONE SPRING	WC-025 G08 S263412K
Logs Run:	MUD AND GR	MUDANDGR
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING
Markers:	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING



Wellbore Schematic

Well Name: **MADERA 19 FEDERAL 26 35 19 TB 1H**

State/Province NEW MEXICO	Country UNITED STATES	Field Name JABALINA SOUTHWEST	Latitude (°) 32.02240350	Longitude (°) -103.41024360	North/South Distance (ft) 351.0	North/South Reference FSL
API/ IPO UWI	KB-Ground Distance (ft)	KB-Mud Line Distance (ft)	Ground Elevation (ft)	Drilling Rig Spud Date	Well Original Completion Date	Well First Production Date

HORIZONTAL, MADERA 19 FEDERAL 26 35 19 TB 1H, 12/20/2019 12:16:05 PM

