

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM093223	
2. Name of Operator MARATHON OIL PERMIAN LLC		6. If Indian, Allottee or Tribe Name	
3a. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056		7. If Unit or CA/Agreement, Name and/or No. Well Name and No. MADERA 19 FEDERAL 26 35 19 WA 2H	
3b. Phone No. (include area code) Ph: 713-296-2500		8. All Well Information System (WIS) File No. 10541066X1	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T26S R35E SESW 352FSL 1338FWL 32.022530 N Lat, 103.410797 W Lon		10. Field and Pool or Exploratory Area MADERA	
		11. County or Parish, State LEA COUNTY, NM	

HOBBBS OCD
OCT 24 2018
RECEIVED
Carlsbad Field Office
OCD Hobbs

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recomplete 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 performed 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 recompletion 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 determined that the site is ready for final inspection.

Marathon Oil Permian LLC requests to make the following changes to APD:

Change name:
From Madera 19 Federal 26 35 19 WA 2H to Madera 19 WA Fed.Com. 2H

Casing Changes:
Adjusted 7" casing point to above the 3rd Bone Spring Sand
Adjusted surface casing set depth to 1165' as per COAs

Cementing Program Changes:
Revised cement volumes due to change in surface and 7" casing point.

All previous COAs still apply.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #439046 verified by the BLM Well Information System
For MARATHON OIL PERMIAN LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 10/11/2018 (19PP0106SE)

Name (Printed/Typed) JENNIFER VAN CUREN	Title SR. REGULATORY COMPLIANCE REP
Signature (Electronic Submission)	Date 10/10/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>ZOTA STEVENS</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>10/12/2018</u>
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 <u>Hobbs</u>

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.

Additional data for EC transaction #439046 that would not fit on the form

32. Additional remarks, continued

Please see highlighted areas for all changes on attached detail.

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44900	² Pool Code 96776	³ Pool Name JABALINA; WOLFCAMP, SOUTHWEST
⁴ Property Code	⁵ Property Name MADERA 19 WA FED COM	
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁶ Well Number 2H ⁹ Elevation 3185'

¹⁰ Surface Location

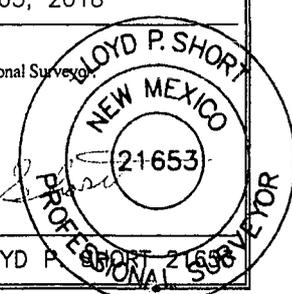
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M (LOT 4)	19	T26S	R35E		352'	SOUTH	1338'	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L (LOT 3)	18	T26S	R35E		2312'	SOUTH	330'	WEST	LEA

¹² Dedicated Acres 245.60	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

¹⁶ SECTION 12 SECTION 13 LAST TAKE POINT/BOTTOM HOLE LOCATION 2312' FSL 330' FWL, SECTION 18 NAD 83, SPCS NM EAST Y:380390.52 / X:826175.70 LAT:32.04244067N / LON:103.41405873W NAD 27, SPCS NM EAST Y:380333.25 / X:784987.73 LAT:32.04231452N / LON:103.41359699W SECTION 13 FIRST TAKE POINT 330' FSL 330' FWL, SECTION 19 NAD 83, SPCS NM EAST Y:373127.66 / X:826238.84 LAT:32.02247623N / LON:103.41405445W NAD 27, SPCS NM EAST Y:373070.58 / X:785050.54 LAT:32.02234997N / LON:103.41359387W SURFACE HOLE LOCATION 352' FSL 1338' FWL, SECTION 19 NAD 83, SPCS NM EAST Y:373155.99 / X:827247.05 LAT:32.02253049N / LON:103.41080086W NAD 27, SPCS NM EAST Y:373098.90 / X:786058.75 LAT:32.02240420N / LON:103.41034038W SECTION 24 SECTION 25	SECTION 7 SECTION 18 SECTION 18 SECTION 19 SECTION 20 SECTION 19 SECTION 30	SECTION 8 SECTION 17 SECTION 17 SECTION 20 SECTION 20 SECTION 29	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.  10/10/2018 Signature Date Adrian Covarrubias Printed Name E-mail Address
			¹⁸ SURVEYOR CERTIFICATION 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. MARCH 05, 2018 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number LLOYD P. SHORT 21653

3 03/05/2018 CAP
REV. DATE BY

Marathon Oil Permian, LLC

Madera 19 Federal 26 35 19 WXY 6H

API# 30-025-44902

SHL: 351' FSL & 1428' FWL / Sec 19 – T26S – R35E

BHL: 2312' FSL & 1356' FWL / Sec 18 – T26S – R35E

Lea County, New Mexico

Drilling Program Changes

1. Casing Changes:

- Adjusted 7" casing point to above the 3rd Bone Spring sand
- Adjusted surface casing set depth to 1,165' as per COA's

String Type	Hole Size	Csg Size	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Weight (lbs/ft)	Grade	Conn.	SF Collapse	SF Burst	SF Tension
Surface	<u>17</u> <u>1/2</u>	<u>13</u> <u>3/8</u>	0	1165	0	1050	54.5	J55	STC	5.5	2.4	2.7
Intermediate I	<u>12</u> <u>1/4</u>	<u>9 5/8</u>	0	5400	0	5400	40	J55	LTC	1.2	1.16	2.16
Intermediate II	<u>8</u> <u>3/4</u>	7	0	11950	0	11950	29	P110	BTC	2.2	1.18	1.9
Production Liner	<u>6</u> <u>1/8</u>	<u>4 1/2</u>	11950	19950	11600	12682	13.5	P110	BTC	1.5	1.56	1.73

Minimum safety factors: Burst 1.125 Collapse 1.125 Tension 1.8 Wet/1.6 Dry

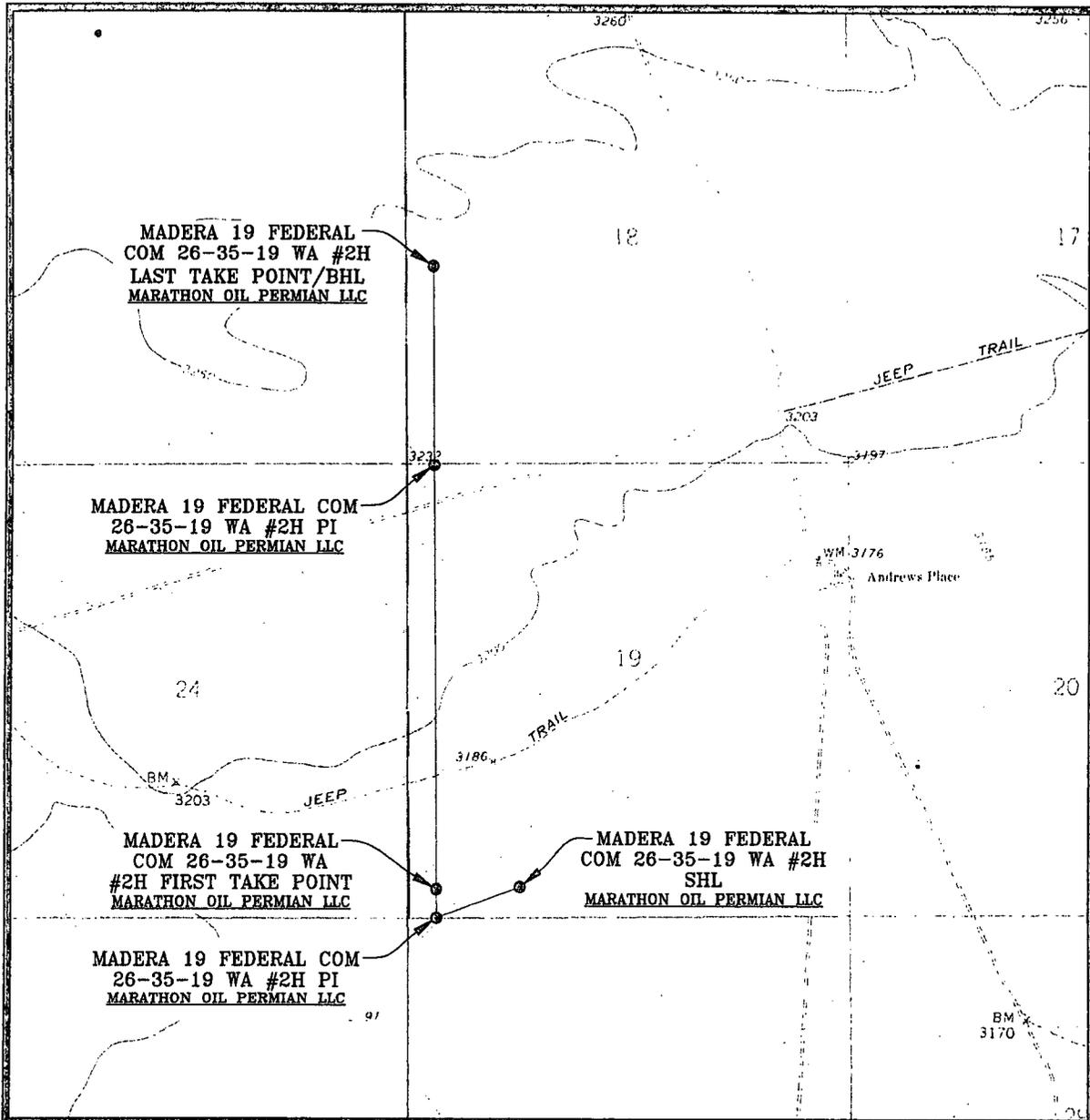
2. Cementing Program:

Changes:

- Revised cement volumes due to change in surface and 7" casing point

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity (sks)	Yield (ft ³ /sks)	Density (ppg)	Slurry Volume (ft ³)	Excess (%)	Cement Type	Additives
Surface	Lead	--	0			1.75	13.5		100	Class C	3 lbm/sk granular LCM + 0.1250 lbm/sk Poly-E-Flake
Surface	Tail	--					14.8		100	Class C	
Intermediate I	Lead	--	0				12.8		75	Class C	0.02 Gal/Sk Defoamer + 0.5% Extender + 1% Accelerator
Intermediate I	Tail	--		5400		1.33	14.8			Class C	
Intermediate II	Lead	--				2.7	11		70	Class C	0.85% retarder + 10% extender + 0.02 gal/sk defoamer + 2.0% Extender + 0.15% Viscosifier
Intermediate II	Tail	--				1.09	15.6		30	Class H	3% extender + 0.15% Dispasant + 0.03 gal/sk retarder
Production Liner	Tail	--		19950		1.22	14.5		30	Class H	

LOCATION VERIFICATION MAP

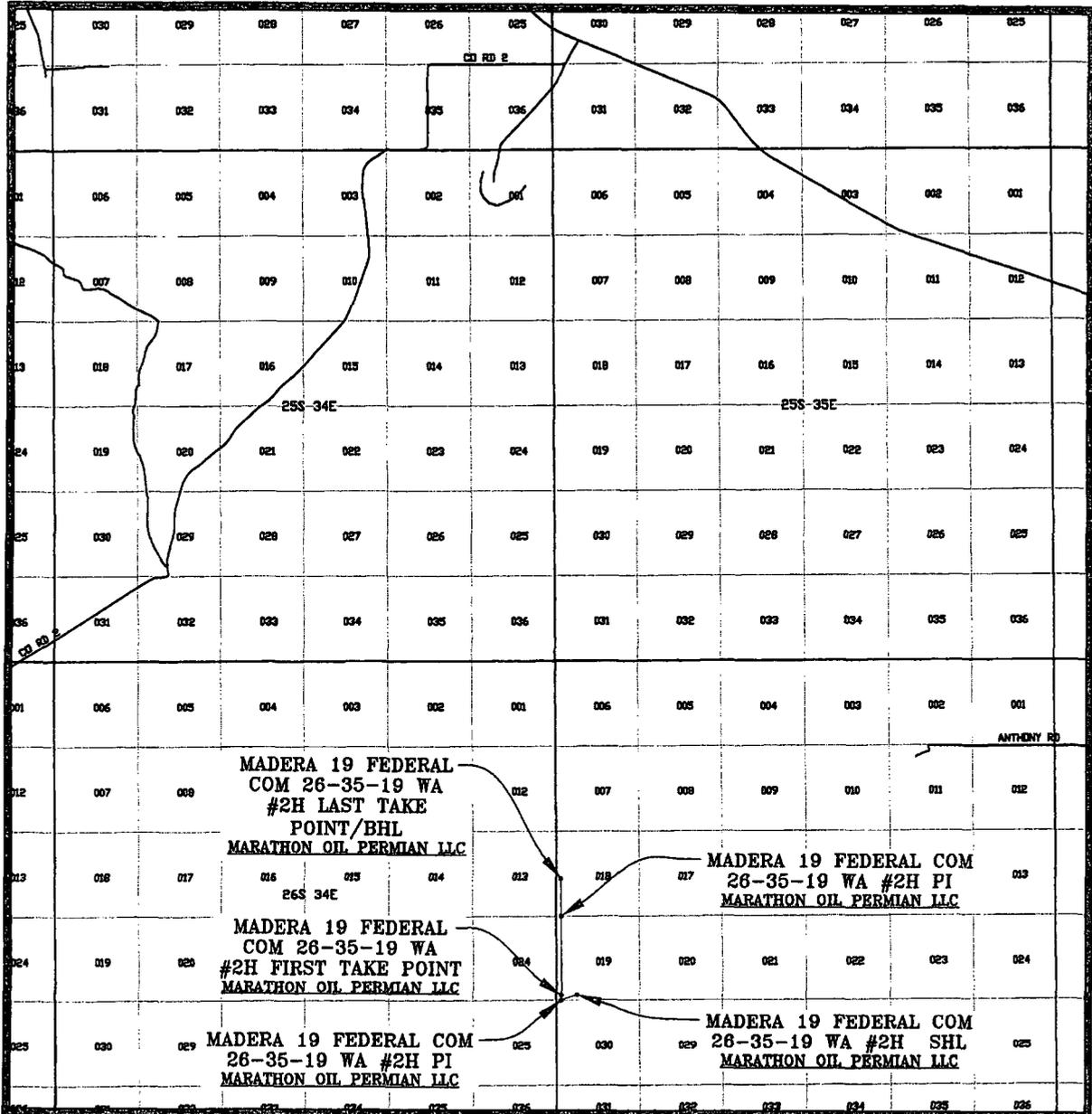


SEC. 19 TWP. 26-S RGE. 35-E
SURVEY: N.M.P.M.
COUNTY: LEA
DESCRIPTION: 352' FSL & 1338' FWL
ELEVATION: 3185'
OPERATOR: MARATHON OIL PERMIAN LLC
LEASE: MADERA 19 FEDERAL COM 26-35-19
U.S.G.S. TOPOGRAPHIC MAP: ANDREWS PLACE, N.M.

SCALE: 1" = 2000'
CONTOUR INTERVAL = 10'

PREPARED BY:
R-SQUARED GLOBAL, LLC
1309 LOUISVILLE AVENUE, MONROE, LA 71201
318-323-8900 OFFICE
JOB No. R3817_001

VICINITY MAP



SEC. 19 TWP. 26-S RGE. 35-E

SURVEY: N.M.P.M.

COUNTY: LEA

DESCRIPTION: 352' FSL & 1338' FWL

ELEVATION: 3185'

OPERATOR: MARATHON OIL PERMIAN LLC

LEASE: MADERA 19 FEDERAL COM 26-35-19

U.S.G.S. TOPOGRAPHIC MAP: ANDREWS PLACE, N.M.

SCALE: 1" = 2 MILES

PREPARED BY:
R-SQUARED GLOBAL, LLC
 1309 LOUISVILLE AVENUE, MONROE, LA 71201
 318-323-6900 OFFICE
 JOB No. R3817_001