

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON OIL AND GAS**  
**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**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator MARATHON OIL PERMIAN LLC		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056		Well Name and No. ENDER WIGGINS 14 TB FC 3H
3b. Phone No. (include area code) Ph: 713-296-3179		9. API Well No. 30-025-45188-00-X1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T25S R34E SWNW 2450FNL 642FWL 32.130890 N Lat, 103.446747 W Lon		10. Field and Pool or Exploratory Area FAIRVIEW MILLS-WOLFCAMP
		11. County or Parish, State LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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	Production Start-up
	<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 recompleat 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 recompleat 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.

8/21/2019 Started Frac Prep operations. 8/23/2019 start frac stages 1-32 with 2 shots per foot for a total of 832 shots 0.42 in size in the Red Hills; Bone Spring formation using 100 Mesh and 40/70 sand. Stimulated with 451 bbls of 15% HCl acid. 10/1/2019 opened to flowback. Completed well with hydraulic fracturing treatment and Plug and Perf operations. Total interval from 12,474'-19,754'. First oil on 10/1/2019. Turned over to production.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #491138 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 11/06/2019 (20PP0295SE)	
Name (Printed/Typed) MELISSA SZUDERA	Title REGULATORY COMPLIANCE REP
Signature (Electronic Submission)	Date 11/05/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title <b>Accepted for Record</b>	Date <b>NOV 07 2019</b>
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 <b>Jonathon Shepard Carlsbad Field Office</b>	

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\****K*



# Marathon Oil

## Wellbore Schematic

Well Name: ENDER WIGGINS 25-34-14 TB F C 003H

State/Province NEW MEXICO	Country UNITED STATES	Field Name RED HILLS EAST	Latitude (°) 32.13089000	Longitude (°) -103.44657440	North/South Distance (ft) 2,450.0	North/South Reference FNL
API I/O UWI 3002545188	KB-Ground Distance (ft) 25.00	KB-Mud Line Distance (ft)	Ground Elevation (ft) 3,332.00	Drilling Rig Spud Date 4/20/2019	Well Original Completion Date	Well First Production Date

HORIZONTAL, ENDER WIGGINS 25-34-14 TB F C 003H, 8/14/2019 1:11:30 PM

MD (ftKB)	Incl (°)	TVD (ftKB)	Vertical schematic (actual)
24.9	0.5	24.9	<p>Des: Conductor Cement; Top MD: 25.0 ftKB; Btm MD: 85.0 ftKB; Date: 4/1/2019</p> <p>Des: Surface Casing Cement; Top MD: 25.0 ftKB; Btm MD: 1,023.0 ftKB; Date: 4/9/2019</p> <p>No.: 1; Des: Conductor 1; OD: 20.000 in; ID: 19.000 in; Depth MD: 25.0-85.0 ftKB; Length: 60.00 ft</p>
26.9	0.5	26.9	
85.0	0.5	85.0	
709.0	0.8	709.0	
978.3	0.6	978.3	
979.7	0.6	979.6	<p>Des: Intermediate Casing Cement; Top MD: 25.0 ftKB; Btm MD: 5,372.0 ftKB; Date: 4/26/2019</p> <p>No.: 2; Des: Surface; OD: 13.375 in; ID: 12.615 in; Depth MD: 5.0-1,023.0 ftKB; Length: 1,018.00 ft</p>
1,021.3	0.6	1,021.3	
1,023.0	0.6	1,022.9	
5,318.8	4.4	5,313.1	
5,320.2	4.4	5,314.7	
5,359.9	4.4	5,354.3	<p>Des: Intermediate Casing Cement; Top MD: 709.0 ftKB; Btm MD: 11,650.0 ftKB; Date: 5/3/2019</p> <p>No.: 3; Des: Intermediate 1 TB; OD: 9.625 in; ID: 8.835 in; Depth MD: 25.0-5,361.9 ftKB; Length: 5,336.90 ft</p>
5,361.9	4.4	5,356.3	
5,372.0	4.4	5,366.4	
11,302.8	2.6	11,294.5	
11,305.4	2.6	11,297.2	
11,332.0	2.0	11,323.7	<p>Des: Liner Cement; Top MD: 11,302.8 ftKB; Btm MD: 19,319.0 ftKB; Date: 8/5/2019</p> <p>No.: 4; Des: Intermediate 2 TB; OD: 7.000 in; ID: 6.184 in; Depth MD: 25.0-11,637.3 ftKB; Length: 11,612.30 ft</p>
11,352.7	1.5	11,344.4	
11,582.5	1.1	11,585.1	
11,584.8	1.1	11,586.4	
11,635.8	0.8	11,627.4	
11,637.1	0.8	11,628.7	<p>No.: 5; Des: Liner 1; OD: 4.500 in; ID: 3.920 in; Depth MD: 11,305.3-19,820.0 ftKB; Length: 8,514.67 ft</p>
11,649.8	0.8	11,641.5	
12,355.3	91.0	12,376.5	
12,374.7	91.0	12,376.2	
12,318.9	91.4	12,340.2	
12,773.6	90.0	12,336.1	
12,777.6	90.0	12,336.1	
12,818.8	90.0	12,336.1	
12,819.9	90.0	12,336.1	

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

<sup>1</sup> API Number 30-025-45188	<sup>2</sup> Pool Code 97369	<sup>3</sup> Pool Name RED HILLS, BONE SPRING EAST
<sup>4</sup> Property Code	<sup>5</sup> Property Name ENDER WIGGINS 14 TB FC	<sup>6</sup> Well Number 3H
<sup>7</sup> OGRID No. 372098	<sup>8</sup> Operator Name MARATHON OIL PERMIAN, LLC	<sup>9</sup> Elevation 3332'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	14	T25S	R34E		2450	NORTH	642	WEST	LEA

" 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
D	11	T25S	R34E		101	NORTH	829	WEST	LEA

<sup>12</sup> Dedicated Acres 240.0	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<p>SECTION 3</p> <p>SECTION 10 829'</p> <p>LAST TAKE POINT/BHL</p> <p>NEAREST MEASURED DEPTH 15,232'</p> <p>812'</p> <p>SECTION 10</p> <p>SECTION 15 (FARTHEST) MEASURED DEPTH 13,634'</p> <p>842'</p> <p>SHL</p> <p>642'</p> <p>828'</p> <p>KOP/FIRST TAKE POINT</p> <p>190'</p> <p>187'</p> <p>157'</p>		<p>SECTION 2</p> <p>SECTION 11</p> <p>SECTION 12</p> <p>LAST TAKE POINT/BOTTOM HOLE LOCATION</p> <p>19,840' MEASURED DEPTH IN FEET</p> <p>NAD 83, SPCS NM EAST</p> <p>X: 815754.23' / Y: 420158.67'</p> <p>LAT:32.15198807N / LON:103.44663363W</p> <p>NAD 27, SPCS NM EAST</p> <p>X: 774568.29' / Y: 420100.41'</p> <p>LAT:32.15186291N / LON:103.44616414W</p> <p>KICK OFF POINT/FIRST TAKE POINT</p> <p>11,879' MEASURED DEPTH IN FEET</p> <p>NAD 83, SPCS NM EAST</p> <p>X: 815822.46' / Y: 412441.89'</p> <p>LAT:32.13077610N / LON:103.44661849W</p> <p>NAD 27, SPCS NM EAST</p> <p>X: 774636.15' / Y: 412383.83'</p> <p>LAT:32.13065081N / LON:103.44615029W</p> <p>SECTION 11</p> <p>SECTION 12</p> <p>SECTION 14</p> <p>SECTION 13</p> <p>SURFACE HOLE LOCATION</p> <p>2450' FWL 642' FWL, SECTION 14</p> <p>NAD 83, SPCS NM EAST</p> <p>X: 815636.44' / Y: 412530.57'</p> <p>LAT:32.13102405N / LON:103.44721698W</p> <p>NAD 27, SPCS NM EAST</p> <p>X: 774450.14' / Y: 412472.51'</p> <p>LAT:32.13089878N / LON:103.44674875W</p> <p>CORNER COORDINATES</p> <p>NAD 83, SPCS NM EAST</p> <p>A - X: 814924.62' / Y: 420254.80</p> <p>B - X: 817573.89' / Y: 420269.32</p> <p>C - X: 817639.88' / Y: 412351.95</p> <p>D - X: 814995.83' / Y: 412337.42</p> <p>NAD 27, SPCS NM EAST</p> <p>A - X: 773738.68' / Y: 420196.57</p> <p>B - X: 776387.90' / Y: 420211.07</p> <p>C - X: 776453.52' / Y: 412293.91</p> <p>D - X: 773809.51' / Y: 412279.40</p>	<p>" OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>[Signature]</i> 11/5/2019</p> <p>Signature Date</p> <p>Adrian Covarrubias</p> <p>Printed Name</p> <p>E-mail Address</p> <p>" SURVEYOR CERTIFICATION</p> <p>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.</p> <p><i>[Signature]</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>CONVEYANCE SALE OR THE BASIS FOR THE</p> <p>PRELIMINARY</p> <p>CERTIFICATE NUMBER</p>
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1	08/14/19	DEF
REV.	DATE	BY