

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

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

**HOBBS OCD**  
**AUG 28 2019**  
**RECEIVED**

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

5. Lease Serial No.  
NMNM113419

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
ENDER WIGGINS 14 TB FC 3H

9. API Well No.  
30-025-45188-00-X1

10. Field and Pool or Exploratory Area  
FAIRVIEW MILLS-WOLFCAMP

11. County or Parish, State  
LEA COUNTY, NM

**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  
Contact: MELISSA SZUDERA  
E-Mail: mszudera@marathonoil.com

3a. Address  
5555 SAN FELIPE STREET  
HOUSTON, TX 77056

3b. Phone No. (include area code)  
Ph: 713-296-3179

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

**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	Drilling Operations
	<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.

MIRU. 4/6/2019 ? Notified BLM of intent to spud. 4/7 ? Spud. Drill 17 ?? surface rom 85? to 1023?. 4/8 ? Notified BLM of intent to run csg and cmt. 4/9 ? Run 13 3/8? csg, 25 jts, 54.5#, J55 to 1023?. Cement csg by pumping 535 sx lead cmt, 235 sx tail cmt, with 133 sx cmt to surface. RDMO. 4/17 ? MIRU. 4/22 ? Perform BOP Test. Pressure test csg to 1500 psi for 30 min, 25 psi drop, good test. 4/23 ? Drill shoe track and 10? of new formation to 1053?. Drill 12 ?? hole from 1053? to 5372?. 4/24 ? Notified BLM of intent to run 9 5/8? csg and cement. 4/26 ? Run 9 5/8? csg, 131 jts, 40#, J55 to 5362?. Cement csg by pumping 20 bbls spacer, 1215 sx lead cmt, 320 sx tail cmt, with 467 sx to surface. 4/27 ? Pressure test 9 5/8? csg to 3000 psi for 30 min, 129 psi drop, good test. Drill shoe track and 10? new formation to 5382?. Drill 8 ?? vertical from 5382? to 9794?. 4/29 ? Flow check and TOH to BHA. Trip in hole to 9694?. Re-log gamma from 9694? to 9794?. 4/30 ? Continue drilling 8 ?? vertical from 9794? to 10135?. 5/1 ? Circulate hole clean, pump slug, TOH to BHA. RIH and rel-log gamma from 10035? to 10135?. Continue drilling 8 3/4? vertical from 10135? to 11650?.

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

**Electronic Submission #478090 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 08/15/2019 (19PP2863SE)**

Name (Printed/Typed) MELISSA SZUDERA	Title REGULATORY COMPLIANCE REP
Signature (Electronic Submission)	Date 08/14/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title <b>Accepted for Record</b>	Date <b>AUG 20 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.

## Additional data for EC transaction #478090 that would not fit on the form

### 32. Additional remarks, continued

5/2 ? Flow check well, TOH to BHA. Make up shoe track. 5/3 ? Notified BLM with intent to run csg and cement. Run 7? csg, 282 jts, 29#, P110, to 11637?. Cement csg by pumping 20 bbls spacer, 525 sx lead cmt, 171 sx tail cmt, with no cmt return to surface. RDMO. 7/20 ? MIRU. 7/21 ? Test 7? csg to 5500 psi for 30 min, 55 psi drop, good test. 7/22 ? Drill out float equipment and 10? of new formation to 11660?. Drill 6 1/8? vertical from 11660? to 12213?. Flow check well. TOH to BHA 7/24 ? TIH and re-log gamma from 12113? to 12213?. Drill 6 1/8? curve from 12213? to 12844?. 7/25 ? Drill 6 1/8? lateral section from 12844? to 13562?. Flow check and circulate bottoms up. TOH to BHA. TIH and re-log gamma from 13462? to 13562?. 7/27 ? Drill 6 1/8? lateral from 13562? to 14222?. Flow check. Re-log gamma from 14122? to 14222?. 7/29 ? Continue drilling 6 1/8? lateral from 14222? to 19840?. Flow check. 8/4 ? Run 4 ?? liner, 205 jts, 13.5#, P110 to 19820?. 8/5 ? Cement liner by pumping 30 bbls spacer, 895 sx lead cmt with 81 sx cement to surface. Pressure test to 4645 psi for 30 min, held, test good. PU equipment RDMO 8/7/2019.

**ENDER WIGGINS 14 TB FED COM 3H**

30-025-45188

SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
4/7/2019	8/2/2019	8/7/2019	19840 / 12402	3332
Casing detail	Surface	Intermediate	Production	Liner
Date	4/9/2019	4/26/2019	5/3/2019	8/4/2019
Hole size	17 1/2	12 1/4	8 3/4	6 1/8
Casing size	13 3/8	9 5/8	7	4 1/2
Weight	54.5	40	29	13.5
Type	J55	J55	P110	P110
Thread	STC	LTC	VA Rougheck	VA Roughneck
Top	0	0	0	11305
Depth (MD)	1023	5362	11637	19820
Amount jnts	25	131	282	205
Cement detail	Surface	Intermediate	Production	Liner
Date	4/9/2019	4/26/2019	5/3/2019	8/5/2019
Top depth KB	0	0	709	11303
Bottom depth KB	1023	5372	11650	19319
Lead sks	535	1215	525	895
Yield	1.73	2.21	3.74	1.18
Tail sks	235	320	171	
Yield	1.34	1.33	1.25	
WOC to 500 psi				
Spacer		20 BBLS	20 bbls	30 BBLS
Class	C	C	C	H
Circulate to surface (sks)	133	467	0	81
Top meas. method	CIRCUALTE	CIRCULATE	CALCULATIONS	CIRCULATE
TOC	0	0	709	11303
Pressure testing	Surface	Intermediate	Production	Liner
Date	4/22/2019	4/27/2019	7/21/2019	8/5/2019
PSI	1500	3000	5500	4645
Time (min)	30	30	30	30
Bled off	25	129	55	0
Drop	2%	4%	1%	0%
Good test	Yes	Yes	Yes	Yes