

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**Carlsbad Field Office**  
**OOD Hobbs**  
**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.**Serial No.  
NMNM113419

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

**HOBBS OOD**

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

AUG 22 2019

8. Well Name and No.  
ENDER WIGGINS 14 WD FC 2H2. Name of Operator  
MARATHON OIL PERMIAN LLCContact: JENNIFER VANCUREN  
E-Mail: jvancuren@marathonoil.com9. API Well No.  
30-025-45189-00-X13a. Address  
5555 SAN FELIPE STREET  
HOUSTON, TX 770563b. Phone No. (include area code)  
Ph: 713-296-250010. Field and Pool or Exploratory Area  
FAIRVIEW MILLS-WOLFCAMP

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 14 T25S R34E SWNW 2449FNL 582FWL  
32.130901 N Lat, 103.446945 W Lon11. 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	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 recompleate 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 recompleation 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. 4/2/19 - Notified BLM of intent to spud. 4/4 ? Spud. Notified BLM of intent to run csg and cement job. Drill 17 ?? surface section from 300? to 1024?. TOH to BHA. Run 13.3/8? csg, 25 jts, 54.5# to 10242. 4/5 ? Cement csg by pumping 30 bbls of spacer, 535 sx of lead cmt, 235 sx of tail cement, with 104 sx return to surface. RDMO. 5/16 ? MIRU. Notified BLM of intent to test BOPE. Perform BOPE test. 5/17 ? Test csg to 1500 psi for 30 min, 10 psi drop, good test. Drill shoe track and 10? of new formation to 1034?. Drill 12 ?? hole to 53602. 5/19 ? Notified BLM of intent to run casing and cement. TOH to BHA. Run 9 5/8? csg, 132 jts, 40# J55, to 53492. 5/20 ? Cement 9 5/8? csg by pumping 20 bbls spacer, 1013 sx lead cmt, 372 sx tail cmt, with 146 sx cmt to surface. TIH from BHA to 5230?. Pressure test 9 5/8? csg to 3000 psi for 30 min, 56 psi drop, good test. Tag cmt @ 5326?. Drill shoe track and 10? new formation to 5370?. Circulate. 5/21 ? Drill 8 ?? hole from 5370 to 10093?. 5/22 ? Flow checks. Circulate. TOH from 10093 to BHA. TIH to 10010?. Re-log gamma from 10010? to 10093?. Continue drilling 8 ?? vertical from 10093? to 11652?. 5/24 ? TOH to 10743?.

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

Electronic Submission #474845 verified by the BLM Well Information System  
For MARATHON OIL PERMIAN LLC, sent to the Hobbs  
Committed to AFMSS for processing by TANJA BACA on 07/25/2019 (19TAB0018SE)

Name (Printed/Typed) JENNIFER VANCUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 07/24/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title Accepted for Record

JUL 31 2019  
Date

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  
Jonathon Shepard  
Carlsbad Field Office

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 \*\*

**Additional data for EC transaction #474845 that would not fit on the form**

**32. Additional remarks, continued**

5/25 ? Run 7 5/8" csg, 297 jts, 29.7#, P110 csg to 11641?. 5/26 ? Cement csg by pumping 639 sx lead cmt, 180 sx tail cmt, with 117 sx cmt to surface. 5/28 ? Pressure test csg to 6000 psi for 30 min, 246 psi drop, good test. Drill out shoe track and 10' new formation to 11662?. Drill 6 1/8" vertical from 11662? to 13236?. 5/30 ? Flow check well. Circulate and TOH from 13236 to BHA. TIH from BHA to 13136?. Re-log gamma from 13136? to 13236?. 5/31 ? Continue drilling 6 1/8" vertical from 13236 to 13336?. Drill 6 1/8" curve section from 13336? to 13614?. Flow check well. TOH to BHA. TIH. Re-log gamma from 13514? to 13614?. 6/2 ? Continue drilling 6 1/8" curve from 13614? to 13785?. Flow check, circulate, TOH to BHA. TIH from BHA to 13662?. Re-log gamma from 13662? to 13785?. 6/5 ? Continue drilling 6 1/8" curve from 13785? to 14179?. Drill 6 1/8" lateral from 14179? to 16415?. 6/8 ? Perform flow check, and circulate. TOOH to BHA. TIH to 16312?. 6/9 ? Re-log gamma from 16312? to 16415?. Drill 6 1/8" lateral from 16415? to 17814?. 6/11 ? Circulate and perform flow check. TOOH to surface. TIH. 6/13 ? Drill 6 1/8" lateral section from 17814? to 21101?. 6/19 - TOH to BHA. 6/23 ? Run 4.5" liner, 243 jts, 15.1#, P110 HC to 9552?. 6/24 ? Run tapered liner 5.5", 265 jts, 23#, P110 HC to 21074?. 6/25 ? Cement liner by pumping 50 bbls spacer, 705 sx lead cmt, 1160 sx tail cement, with 213 sx cmt to surface. Pressure test liner to 10000 psi for 30 min, held, test good. Pu equipment RDMO 6/25/2019.

Ender Wiggins 14 WD Federal Com 2H				
30-025-45189				
SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
4/4/2019	6/17/2019	6/25/2019	21101 / 13827	3331
Casing detail	Surface	Intermediate	Production	Liner
Date	4/4/2019	5/19/2019	5/25/2019	6/23/2019
Hole size	17 1/2	12 1/4	8 3/4	6 1/8
Casing size	13 3/8	9 5/8	7 5/8	5 1/2 - 4/12
Weight	54.5	40	29.7	23 - 15.10
Type	J55	J55	P110	P110
Thread	STC	LTC	TMK Ultra SF	TMK UP Ultra SF
Top	0	0	0	8650 - 9552
Depth (MD)	1024	5349	11641	9552 - 21074
Amount jnts	25	132	297	243 - 265
Cement detail	Surface	Intermediate	Production	Liner
Date	4/5/2019	5/20/2019	5/26/2019	6/25/2019
Top depth KB	0	0	0	8,650
Bottom depth KB	1024	5360	11652	21101
Lead sks	535	1013	639	705
Yield	1.73	2.15	2.69	1.63
Tail sks	235	372	180	1160
Yield	1.34	1.33	1.28	1.18
Spacer	30 bbls	20 bbls		50 bbls
Class	C	C	C	25/75 PM Class H
Circulate to surface (sks)	104	146	117	213
Top meas. method	Circulate	Circulate	Circulate	Circulate
TOC	0	0	0	8650
Pressure testing	Surface	Intermediate	Production	Liner
Date	5/17/2019	5/20/2019	5/28/2019	6/25/2019
PSI	1500	3000	6000	10000
Time (min)	30	30	30	30
Bled off	10	56	246	0
Drop	1%	2%	4%	0%
Good test	Yes	Yes	Yes	Yes

TVD (ftKB)

Vertical schematic (actual)

