

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.Serial No.
NMNM113419**SUBMIT IN TRIPLICATE - Other instructions on page 2**1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
MARATHON OIL PERMIAN LLCContact: JENNIFER VAN CUREN
E-Mail: jvcuren@marathonoil.com3a. Address
5555 SAN FELIPE STREET
HOUSTON, TX 770563b. Phone No. (include area code)
Ph: 713.296.2500

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 WA FC 1HAPI Well No.
30-025-45187-00-X110. Field and Pool or Exploratory Area
PITCHFORK RANCH

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

Sec 14 T25S R34E SWNW 2449FNL 612FWL
32.130901 N Lat, 103.446846 W Lon

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	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 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.

MIRU. 4/4/2019 ? Notified BLM of intent to spud. 4/5 ? Spud. Drill 17 ?? surface from 85? to 1032?. 4/6 ? Notified BLM of intent to run csg and cmt. 4/7 ? Run 13 3/8? csg, 25 jts, 54.5#, J55 to 1032?. Cement csg by pumping 645 sx lead cmt, 235 sx tail cmt, with 227 sx cmt to surface. RDMO. 5/4 ? MIRU. 5/5 ? Perform BOPE test. Pressure test csg to 1500 psi for 30 min, 50 psi drop, good test. 5/6 ? Drill shoe track and 10? of new formation to 1062?. Drill 12 ?? hole from 1062? to 5379?. Notified BLM of intent to run csg and cement. 5/8 ? Run 9 5/8? csg, 132 jts., 40#, J55, to 5369?. Cement csg by pumping 20 bbls spacer, 1140 sx lead cmt, 310 sx tail cmt, with 414 sx cmt to surface. 5/9 ? Pressure test 9 5/8? csg to 3000 psi for 30 min, 50 psi drop, good test. Drill shoe track and 10? new formation to 5389?. Drill 8 ?? hole section from 5389? to 5784?. Flow check and circulate. TOOH to BHA. TIH to 5601?. Re-log gamma from 5601? to 5784?. Continue drilling 8 ?? section from 5784 to 11650?. 5/14 ? TOOH to BHA. 5/15 ? Run 7? csg, 282 jts, 29#m P100, csg to 11635?. Cement csg by pumping 60 bbls spacer, 760 sx lead cmt, 175 sx tail cmt, with no cmt return

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

Electronic Submission #475253 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 07/29/2019 (19PP2623SE)

Name (Printed/Typed) JENNIFER VAN CUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 07/25/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Accepted for Record

JUL 31 2019

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.

Jonathon Shepard
Carlsbad Field Office

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 #475253 that would not fit on the form

32. Additional remarks, continued

to surface. RDMO. 6/25 ? MIRU. 6/27 ? Test ?? csg to 5500 psi for 30 min, 15 psi drop, good test. Drill out shoe track and 10' new formation to 11660'. Drill 6 1/8" vertical section from 11660' to 12155'. 6/29 ? Flowcheck and circulate. TOH to BHA. TIH to 12024'. Re-log gamma from 12024' to 12155'. Drill 6 1/8" curve section from 12155' to 12582'. Flowcheck and circulate. TOH to BHA. TIH to 12582'. 7/1 ? Re-log gamma from 12112' to 12155'. Continue drilling 6 1/8" curve from 12582' to 13022'. Circulate. TOH to BHA. Make up 6 1/8" lateral assembly. TIH to 12055'. 7/3 ? Re-log gamma from 12055' to 12155'. TIH to 13022'. Drill 6 1/8" lateral from 13022' to 19319'. Flowcheck. TOH to BHA. 7/18 ? Run 4.5" liner, 193 jts, 13.5#, P110, to 19319'. 7/19 ? Cement liner by pumping 25 bbsl spacer, 713 sxs lead cmt, 150 sxs of tail cement, with no cement to surface. Pressure test liner to 10000 psi for 30 min, held, test good. Pu equipment RDMO 7/20/2019.

Ender Wiggins 14 WA Federal Com 1H

30-025-45187

SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
4/5/2019	7/10/2019	7/20/2019	19313 / 12688	3332
Casing detail	Surface	Intermediate	Production	Liner
Date	4/7/2019	5/8/2019	5/14/2019	7/18/2019
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 Roughneck	Va Roughneck
Top	0	0	0	11303
Depth (MD)	1032	5369	11635	19319
Amount jnts	25	132	282	193
Cement detail	Surface	Intermediate	Production	Liner
Date	4/7/2019	5/9/2019	5/15/2019	7/19/2019
Top depth KB	0	0	2127	11,303
Bottom depth KB	1032	5379	11650	19319
Lead sks	645	1140	760	713
Yield	1.73	2.15	2.59	1.37
Tail sks	235	310	175	560
Yield	1.34	1.33	1.25	1.37
Spacer	30 bbls	20 bbls	60 bbls	25 bbls
Class	C	C	C	H
Circulate to surface (sks)	227	414	0	0
Top meas. method	Circulate	Circulate	Calculations	Calculations
TOC	0	0	2127	11303
Pressure testing	Surface	Intermediate	Production	Liner
Date	5/5/2019	5/9/2019	6/27/2019	7/19/2019
PSI	1500	3000	5500	10000
Time (min)	30	30	30	30
Bled off	50	50	15	0
Drop	3%	2%	0%	0%
Good test	Yes	Yes	Yes	Yes

State/Province NEW MEXICO	Country UNITED STATES	Field Name PITCHFORK RANCH SOUTH	Latitude (°) 32.13084870	Longitude (°) -103.44684730	North/South Distance (ft) 2,449.0	North/South Reference FNL
API/ I/O 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, ENDER WIGGINS 25 34 14 WA F C 001H, 7/24/2019 1:51:39 PM

