

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.*5. Lease Serial No.
NMNM136221

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
DOGIE DRAW FED COM 25 34 14 WA 2H9. API Well No.
30-025-45093-00-X110. Field and Pool or Exploratory Area
PITCHFORK RANCH11. 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: ADRIAN COVARRUBIAS

E-Mail: jvancuren@marathonoil.com

3a. Address

5555 SAN FELIPE STREET
HOUSTON, TX 77056

3b. Phone No. (include area code)

Ph: 713-296-3368

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

Sec 14 T25S R34E NWSW 2600FSL 596FWL
32.130268 N Lat, 103.446899 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	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.

9/13/2019 Started Frac Prep operations. 9/14/2019 start frac stages 1-32 with 2 shots per foot for a total of 832 shots 0.42" in size using 100 Mesh and 40/70 sand. Stimulated with 967 bbls of 15% HCl acid. 10/21/2019 opened to flowback. Completed well with hydraulic fracturing treatment and Plug and Perf operations. Total interval from 12508' - 20079'. First oil on 10/21/2019. Turned over to production.

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

Electronic Submission #494599 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 12/05/2019 (20PP0530SE)

Name (Printed/Typed) ADRIAN COVARRUBIAS

Title CTR - TECHNICIAN HES

Signature (Electronic Submission)

Date 12/05/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title Accepted for Record

DEC 06 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 **

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 30-025-45093	² Pool Code 96994	³ Pool Name PITCHFORK RANCH; WOLFCAMP, SOUTH (OIL)
⁴ Property Code	⁵ Property Name DOGIE DRAW 14 WA FED COM	⁶ Well Number 2H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3331'

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
L	14	T25S	R34E		2600	SOUTH	596	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
M	23	T25S	R34E		101	SOUTH	322	WEST	LEA

¹² Dedicated Acres 240.00	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.

	<p>CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 412337.42' / X: 814995.83' B - Y: 412344.69' / X: 816317.85' C - Y: 404427.05' / X: 816384.72' D - Y: 404420.39' / X: 815062.26'</p>	<p>CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 412279.40' / X: 773809.51' B - Y: 412286.66' / X: 775131.51' C - Y: 404369.23' / X: 775198.00' D - Y: 404362.58' / X: 773875.56'</p>	<p>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.</p> <p>Signature: <i>Adrian Covarrubias</i> Date: 12/5/2019</p> <p>Printed Name: Adrian Covarrubias</p> <p>E-mail Address:</p>		
	<p>SURFACE HOLE LOCATION 2600' FSL 596' FVL, SECTION 14 NAD 83, SPCS NM EAST X: 815592.32 / Y: 412301.07 LAT: 32.13039422N / LON: 103.44736562W NAD 27, SPCS NM EAST X: 774405.99 / Y: 412243.05 LAT: 32.13026894N / LON: 103.44689742W</p>	<p>KICK OFF POINT 8,483' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 815326.79' / Y: 412264.05' LAT: 32.13029850N / LON: 103.44822426W NAD 27, SPCS NM EAST X: 774140.48' / Y: 412206.00' LAT: 32.13017321N / LON: 103.44775606W</p>		<p>FIRST TAKE POINT 12,468' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 815309.90' / Y: 412151.22' LAT: 32.12998874N / LON: 103.44828183W NAD 27, SPCS NM EAST X: 774123.58' / Y: 412093.17' LAT: 32.12986347N / LON: 103.44781362W</p>	<p>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.</p> <p>Date of Survey: 08/14/2019</p> <p>Signature and Seal of Professional Surveyor: <i>[Signature]</i></p>
	<p>LAST TAKE POINT/BHL 20,179' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 815383.00' / Y: 404523.29' LAT: 32.10902079N / LON: 103.44824811W NAD 27, SPCS NM EAST X: 774196.32' / Y: 404465.44' LAT: 32.1088954N / LON: 103.44778117W</p>	<p>PRELIMINARY THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, SALE, OR RECORDATION OF A PERMIT.</p>			
	<p>4 08/14/2019 DEF</p> <p>REV. DATE BY</p>	<p>Certificate Number</p>			

DISTANCES/AREAS RELATIVE TO NAD83 COMBINED SCALE FACTOR: 0.998995258
CONVERGENCE: 0.4712790022; NOTE: ALL DIMENSIONS IN U.S. FEET



Wellbore Schematic

Well Name: DOGIE DRAW FED COM 25 34 14 WA 2H

State/Province TEXAS	Prospect Area RED HILLS	Field Name FAIRVIEW MILLS	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.130212	Longitude (°) -103.446898
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 3,331.00	KB- Ground Distance (ft) 26.50		

HORIZONTAL - DOGIE DRAW FED COM 25 34 14 WA 2H, 4/15/2019 1:22:45 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)	
-5.5	-5.6	0.8		
26.5	26.6	0.8		
27.5	27.6	0.8		
28.5	28.6	0.8		
28.9	28.9	0.8		
146.7	146.7	0.8		
877.2	877.2	0.5		
901.8	901.8	0.5		
979.7	979.6	0.5		
981.0	980.9	0.5		
981.2	981.2	0.5		
1,022.5	1,022.6	0.3		
1,024.5	1,024.5	0.3		
1,036.0	1,036.0	0.3		
5,291.2	5,289.1	0.3		
5,293.0	5,290.8	0.3		
5,299.9	5,297.6	0.3		
5,333.5	5,333.4	0.2		
5,337.5	5,335.4	0.2		
5,345.1	5,342.9	0.2		
11,327.5	11,317.0	2.1		
11,332.5	11,342.5	1.9		
11,338.1	11,357.3	1.7		
11,353.4	11,358.6	1.7		
11,374.7	11,363.9	1.6		
11,534.2	11,583.3	1.5		
11,536.5	11,584.6	1.5		
11,638.8	11,625.9	1.8		
11,638.2	11,627.6	1.8		
11,643.5	11,639.0	1.9		
12,320.9	12,720.6	89.8		
12,321.2	12,720.7	89.8		
12,325.1	12,754.6	89.3		
12,325.1	12,754.7	89.3		
12,327.4	12,755.1	89.4		
12,328.3	12,755.2	89.4		
12,358.7	12,755.6	89.4		
12,359.0	12,755.6	89.4		
12,379.1	12,755.8	89.4		
			Des: Conductor Cement; Depth MD: 26.5-146.5 ftKB; Date: 9/11/2018 Des: Surface Casing Cement; Depth MD: 26.5-1,036.0 ftKB; Date: 1/25/2019	
			No. 1; Des: Conductor 1; OD: 20.000 in; ID: 19.000 in; Depth MD: 26.5-146.5 ftKB; Length: 120.00 ft	
			Des: Intermediate Casing Cement; Depth MD: 26.5-5,345.0 ftKB; Date: 2/1/2019	
			No. 2; Des: Surface; OD: 13.375 in; ID: 12.615 in; Depth MD: 26.6-1,024.5 ftKB; Length: 997.88 ft	
			Des: Intermediate Casing Cement; Depth MD: 5,300.0-11,650.0 ftKB; Date: 2/9/2019	
			No. 3; Des: Intermediate 1; OD: 9.625 in; ID: 8.835 in; Depth MD: 26.5-5,337.5 ftKB; Length: 5,311.00 ft	
			Des: Liner Cement; Depth MD: 11,327.6-20,179.0 ftKB; Date: 4/9/2019	
			No. 4; Des: Intermediate 2; OD: 7.000 in; ID: 6.184 in; Depth MD: 26.5-11,638.6 ftKB; Length: 11,612.10 ft	
			No. 5; Des: Liner 1; OD: 4.500 in; ID: 3.920 in; Depth MD: 11,327.7-20,169.0 ftKB; Length: 8,841.35 ft	

Directions to Well: FROM CARLSBAD, NM, AT THE INTERSECTION OF W GREENE STREET AND N CANAL STREET, HEAD EAST ON GREENE STREET FOR 2.0 MILES, TURNING RIGHT ONTO REFINERY ROAD AND TRAVELING 12.5 MILES. TURN LEFT AND TAKE NEW MEXICO STATE HIGHWAY 31 FOR 2.4 MILES BEFORE TURNING RIGHT ONTO NEW MEXICO STATE HIGHWAY 128 AND TRAVELING FOR 38.7 MILES. TURN RIGHT ONTO BATTLE AXE ROAD AND GO 2.6 MILES BEFORE TURNING RIGHT TO CONTINUE ON BATTLE AXE ROAD FOR AN ADDITIONAL 4.7 MILES. TURN LEFT ONTO AN UNNAMED LEASE ROAD AND TRAVEL 2.3 MILES FROM WHERE THE PROPOSED PAD SITE IS 2.845 FEET TO THE NE.