

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.

Lease Serial No.
NMNM136221

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
DOGIE DRAW FED COM 25 34 14 AV 24H

2. Name of Operator
MARATHON OIL PERMIAN LLC
Contact: ADRIAN COVARRUBIAS
E-Mail: jvancuren@marathonoil.com

9. API Well No.
30-025-45091-00-X1

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

3b. Phone No. (include area code)
Ph: 713-296-3368

10. Field and Pool or Exploratory Area
RED HILLS-BONE SPRINGS

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

Sec 14 T25S R34E NWSW 2600FSL 656FWL
32.130268 N Lat, 103.446701 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 Production Start-up
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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.

9/14/2019 start frac stages 1-32 with 2 shots per foot for a total of 832 shots 0.42" in size in the Fairview Mills formation using 100 Mesh and 40/70 sand. Stimulated with 449 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 9413' - 16925'. First oil on 10/23/2019. Turned over to production.

HOBBS OCD
DEC 16 2019
RECEIVED

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

**Electronic Submission #494601 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 (20PP0531SE)**

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 _____

Accepted for Record

DEC 06 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.

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 ****

KZ

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 30-025-45091	² Pool Code 97369	³ Pool Name RED HILLS; BONE SPRING; EAST
⁴ Property Code	⁵ Property Name DOGIE DRAW 14 AV FED COM	⁶ Well Number 24H
⁷ GRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3330'

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	656	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	320	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</p> <p>A - Y: 412337.42' / X: 814995.83' B - Y: 412344.68' / X: 816317.87' C - Y: 404427.05' / X: 816384.72' D - Y: 404420.39' / X: 815062.26'</p>	<p>CORNER COORDINATES NAD 27, SPCS NM EAST</p> <p>A - Y: 412279.37' / X: 773809.53' B - Y: 412286.62' / X: 775131.55' C - Y: 404369.19' / X: 775198.01' D - Y: 404362.55' / X: 773875.58'</p>	<p>¹⁷ 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> 12/5/2019 Signature Date Adrian Covarrubias Printed Name</p> <p>E-mail Address</p>
	<p>SURFACE HOLE LOCATION 2600' FSL 656' FVL, SECTION 14 NAD 83, SPCS NM EAST Y: 412301.07' / X: 815652.32' LAT:32.13039287N / LON:103.44717181W NAD 27, SPCS NM EAST Y: 412243.01' / X: 774466.00' LAT:32.13026759N / LON:103.44670362W</p>	<p>KICK OFF POINT 8,626' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST Y: 412264.75' / X: 815428.27' LAT:32.13029810N / LON:103.44789646W NAD 27, SPCS NM EAST Y: 412206.70' / X: 774241.96' LAT:32.13017284N / LON:103.44742826W</p>	
<p>LAST TAKE/BHL 17,027' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST Y: 404523.13' / X: 815381.08' LAT:32.10902037N / LON:103.44825428W NAD 27, SPCS NM EAST Y: 404465.28' / X: 774194.40' LAT:32.10889500N / LON:103.44778737W</p>			

DISTANCES/AREAS RELATIVE TO NAD83 COMBINED SCALE FACTOR: 0.999995256
CONVERGENCE: 0.4712780022; NOTE: ALL DIMENSIONS IN U.S. FEET

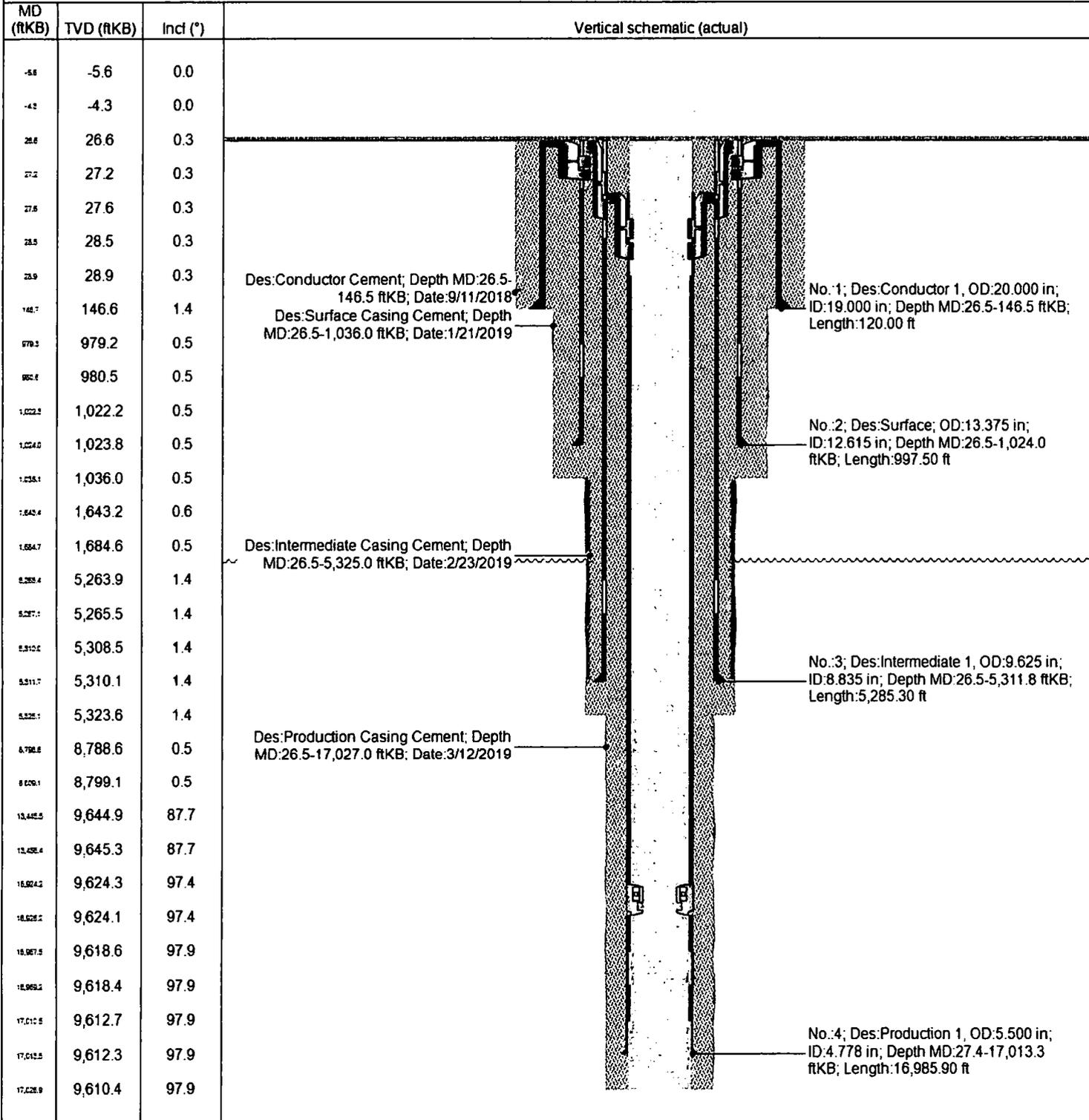
3	08/14/2019	DEF
REV.	DATE	BY

Wellbore Schematic

Well Name: DOGIE DRAW FED COM 25 34 14 AV 24H

State/Province NEW MEXICO	Prospect Area RED HILLS	Field Name FAIRVIEW MILLS	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.130212	Longitude (°) -103.446705
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 AV 24H, 3/22/2019 10:18:52 AM



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.