

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
OGD Hobbs

FORM 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.

Case Serial No.
NNNM136221

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

HOBBS OGD

8. Well Name and No.
DOGIE DRAW FED COM 25 34 14 WA 2H

2. Name of Operator
MARATHON OIL PERMIAN LLC

Contact: JENNIFER VAN CUREN
E-Mail: jvancuren@marathonoil.com

MAY 20 2019

API Well No.
30-025-45093-00-X1

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

3b. Phone No. (include area code)
Ph: 713.296.2500

RECEIVED

9. Field and Pool or Exploratory Area
HCHFORK RANCH

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

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 Drilling Operations
	<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 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. 1/24/2019 ? Spud. Notified BLM of intent to run csg and cement. Drill 17 ?? surface section from 146? to 1036?. TOH to BHA. Run 13 3/8? csg, 24 jts, 54.5#, J55 to 1025?. 2/25 ? Cement csg by pumping 30 bbls of spacer, 755sx of lead cmt, 345sx of tail cmt, with 493sx of cmt returned to surface. 1/27 Perform BOPE test. 1/27 ? Test csg, but found leak in casing. Troubleshoot leak in surface csg. 1/28 ? Test csg to 1500 for 30 min, 50 psi drop, good test. 1/29 ? TOH to BHA and TIH to 970?. Tag up @ 970?, wash down to 980?. Drill shoe track and 15? of new formation to 1051?. Drill 12 ?? csg from 1051? to 5345?. TOOH. Notified BLM of intent to run 9 5/8? csg. 1/31 ? Notified BLM of intent to cmt csg. TOH to BHA. Run 9 5/8? csg, 118jts, 40#, J55, to 5338?. 2/1 ? Cement 9 5/8? csg by pumping 20 bbls spacer, 1087sx lead cmt, and 321sx tail cmt with 201sx cmt to surface. TIH from BHA to 5200?. Pressure test csg to 3000 psi for 30min, 180 psi drop, good test. Tag up @ 5280?. Wash down to 5291?. Drill shoe track and 10? new formation to 5355?. 2/2 ? Drill 8 /34? section from 5355 to 11650?. 2/5 ? TOH. Circulate. 2/8 ? Run 7? csg, 281 jts, 29#, P110 csg to

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

Electronic Submission #461759 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 04/17/2019 (19PP1578SE)

Name (Printed/Typed) JENNIFER VAN CUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 04/17/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title **Accepted for Record**

APR 23 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 ****

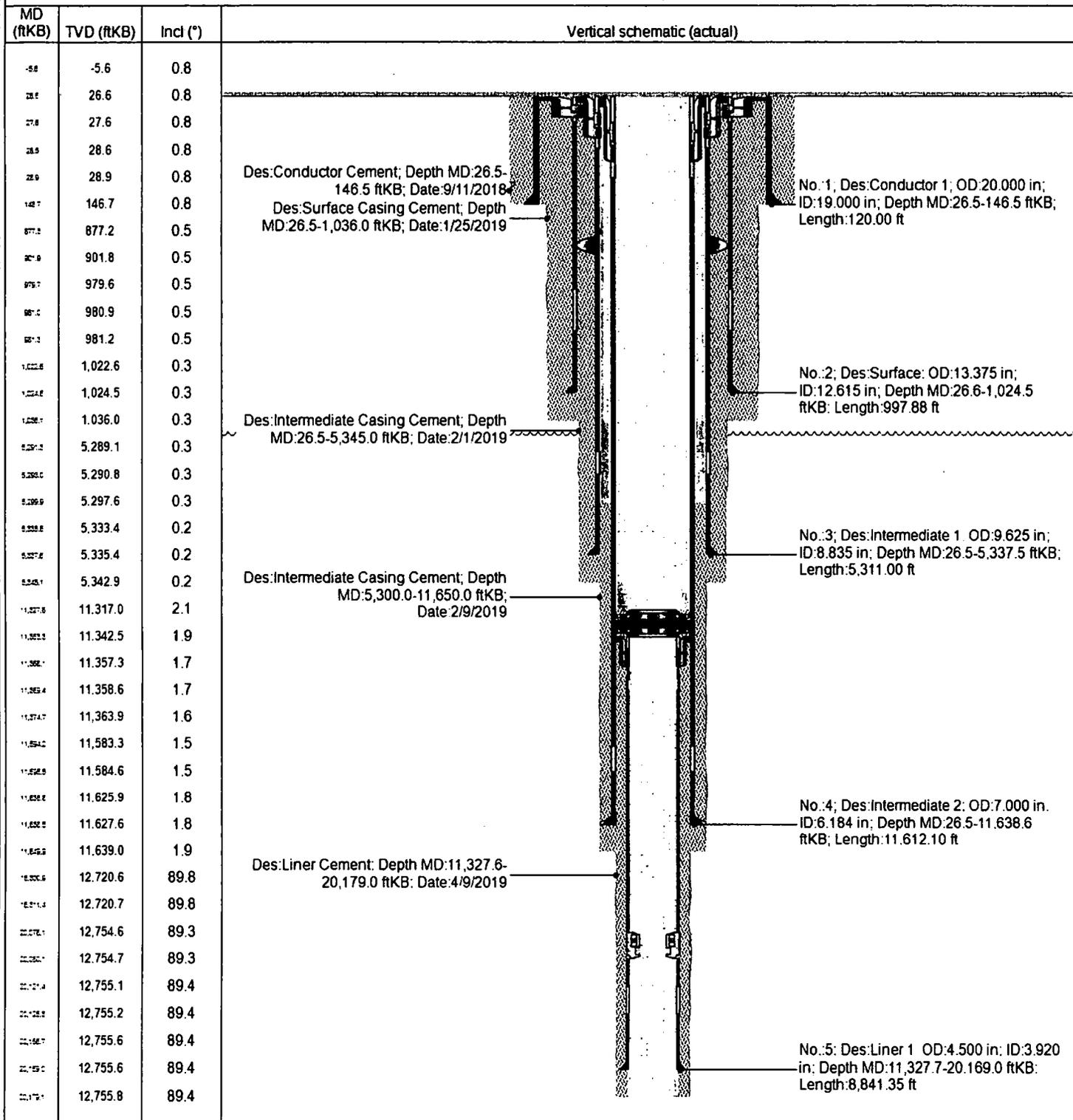
Additional data for EC transaction #461759 that would not fit on the form

32. Additional remarks, continued

11639?. 2/9 ? Cement csg by pumping 30 bbls of spacer, 760sx lead cmt, and 185sx tail cmt, with no cmt to surface. 3/30 ? Pressure test csg to 5500 psi for 30 min, 55 psi drop, good test. 3/31 ? Drill out shoe track and 10? of new formation to 11660?. Drill 6 1/8? vertical from 11660? to 12190?. Drill 6 1/8? curve section from 12190? to 13070?. 4/2 ? Circulate, flow check, TOH to BHA. TIH to 12918?. Re-log from 12918? to 13070?. 4/3 ? Continue drilling 6 1/8? lateral from 13070? to 17175?. 4/5 - Re-log from 17130? to 17160?. Continue drilling from 17175? to 20179?. TOH to BHA. 4/8 ? Make up shoe track and run 4 ?? csg, 212 jts, 13.5#, P110 csg to 20169?. 4/9 ? Cement csg by pumping 30 bbls spacer and 935 sx tail cmt, with 174 sx cmt to surface. Pressure test csg to 4629 psi for 30 min, held, good test. PU equipment RDMO 4/11/2019.

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



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.

DOGIE DRAW FED COM 25 34 14 WA 2H

30-025-45093

SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
1/24/2019	4/7/2019	4/11/2019	20179 / 12756	3331
Casing detail	Surface	Intermediate	Production	Liner
Date	1/24/2019	1/31/2019	2/8/2019	4/8/2019
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	ROUGHNECK	VA ROUGHNECK
Top	0	0	0	11328
Depth (MD)	1025	5338	11639	20169
Amount jnts	24	118	281	212
Cement detail	Surface	Intermediate	Production	Liner
Date	2/25/2019	2/1/2019	2/9/2019	4/9/2019
Top depth KB	0	0	5300	11,328
Bottom depth KB	1036	5345	11650	20179
Lead sks	755	1087	760	
Yield	1.73	2.26	3.22	
Tail sks	345	321	185	935
Yield	1.33	1.33	1.15	1.16
Spacer	30 bbls	20 bbls	30 bbls	30 bbls
Class	C	C	C	C
Circulate to surface (sks)	493	201	0	174
Top meas. method	Circulate	Circulate	calculations	circulate
TOC	0	0	5300	11328
Pressure testing	Surface	Intermediate	Production	Liner
Date	1/27/2019	2/1/2019	3/31/2019	4/9/2019
PSI	1500	3000	5500	4629
Time (min)	30	30	30	30
Bled off	50	180	55	0
Drop	3%	6%	1%	0%
Good test	Yes	Yes	Yes	Yes