

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**Carlsbad Field Office**
DCD 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.File Serial No.
NMNM136221**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

6. If Indian, Allottee or Tribe Name

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
DOGIE DRAW FED COM 25 34 14 WA 2H2. Name of Operator
MARATHON OIL PERMIAN LLCContact: JENNIFER VAN CUREN
E-Mail: jvancuren@marathonoil.com9. API Well No.
30-025-45093-00-X13a. Address
5555 SAN FELIPE STREET
HOUSTON, TX 770563b. Phone No. (include area code)
Ph: 713.296.250010. Field and Pool or Exploratory Area
PITCHFORK 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 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 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.

Back side cement squeeze job completed on 7/12/2019.

Load line with 2 bbls of FW water.
Test lines to 3000psi
Pump 10 bbls of fresh water
Pump 10 bbls cement
Increase in pressure up to 600 psi
Begin down hole with 190 bbls of cement 12.2 PPG
Pump 10 bbl water behind cement.
Open 1 in. valves and check pressure.

Please see attached cementing job log.

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

Electronic Submission #484652 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 09/24/2019 (19PP3241SE)

Name (Printed/Typed) JENNIFER VAN CUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 09/24/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Accepted for Record

SEP 26 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

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 ****

Marathon Oil
Dogie Draw Fed Com 25 34 14 TB
2H
Rig:H&P 498



Squeeze
T-17118
County: Lea
Supervisor: Dustin Rogers

Cementing Job Log


Date	Time	Description	Rate (BPM)	Volume (BBL)	Pressure (PSI)	Details of Operation and Procedure
07/12/2019	10:23	Start Cement	5	0	150	begin down hole with 190 bbl @ 12.2 PPG
07/12/2019	17:00	Arrived on Location				on location
07/12/2019	21:05	Conduct Meetings				rig up to second well meeting
07/12/2019	21:30	Conduct Meetings				pre job jsa with crew
07/12/2019	21:40	Other				mix cc in 2 vac trucks
07/12/2019	22:10	Fill Lines				load lines with 2 bbl of fresh water
07/12/2019	22:12	Pressure Test			3000	test lines to 3000 psi
07/12/2019	22:15	Start Spacer	2	0	0	pump 10 bbl of fresh water ahead
07/12/2019	22:22	Spacer Complete	2	10	150	end of spacer 10 bbl pumped cement batched up weight verified by cm and mud scales
07/12/2019	22:31	Pressure Up	5	30	600	increase in pressure up to 600 psi
07/12/2019	23:00	Cement Complete	5	190	200	end of cement
07/12/2019	23:01	Start Displacement	4	0	200	10 bbl fresh water behind
07/12/2019	23:05	Other				shut down check for pressure and shut in well no pressure
07/12/2019	23:10	Conduct Meetings				rig down jsa
07/13/2019	00:00	Job Complete				

Cement Heights and Tops			
Slurry Type	Cement Height	Cement Top	
Spacer			
Lead CMT		0	
Crew Members			
Field Supervisor	Dustin Rogers		
	Roberto Kelly		
Bulk Hand	Sergio Flores		
	Wallace Curry		
Bulk Hand	Marco Gutierrez		
Bulk Hand	Thierry Rupande		
Casing Information			
	Previous Casing	Hole & Casing Info	
Hole Size 1			
MD:		1000	
TVD:		1000	
Casing Size	20.000	13.375	
Casing Weight	94.00	54.50	
Casing ID		12.615	
DV Tool			
Shoe Joint		45	
Burst Pressure			
Cement Returns			
Mud Info		Water Info	
Type	WBM	PH	
Weight	8.7	Chlrd	
		Tempo	

Spacer					
	PPG		YLD		H2O
Lead CMT					
12.2	PPG	2.25	YLD	13.13	H2O
			500	Sacks	Class C Cement

DOWN HOLE

[illegible]

Total Stage Grand

Disable Reset

Job Information

Company:	Marathon	TVD:	5300	ft	Test Date:	7/11/2019
Well Name:	Draw Fed Com 25 34 14 TB 2H	MD:	5300	ft	Requestor:	Ryan Persad
County:	Lea	BHST:	120	°F	Job Type:	Squeeze
District:	Hobbs	BHCT:	105	°F	Slurry:	Backside Sqz
Analyst:		Rig:			Blend Type:	Field Blend

Slurry Information

Mix Water	13.13	gps	Yield	2.25	(cu ft/sk)
Slurry Density	12.2	ppg	Mud Wt.	10	ppg

Slurry Recipe

Cement Blend: Class C

Sack Weight 94 lbs/sk

2%bwoc

CaCl2

Accelerator

Thickening Time @		105°F		Compressive Strength @		90°F	
Time to Temp	Time	Bc	Final psi:	Time	UCA CS		
				8 hr:	194		
				12 hr:	303		
				24 hr:	417		
				48 hr:	525		
				72 hr:	606		
				50 psi:	4:28		
				100 psi:	5:51		

Fluid Properties				Rheological data (cP)							
FL		FF		Temperature	300	200	100	60	30	6	3
Temperature (°F)											

Comments