orm: £160-5 June 2015) DE	UNITED STATES PARTMENT OF THE PAT UREAU OF LAND MANAGE	Babbad Fiald		RM APPROVED B NO. 1004-0137 s: January 31, 2018	
BU SUNDRY I Do not use this abandoned well	6. If Indian, Allot	6. If Indian, Allottee or Tribe Name			
	7. If Unit or CA/A 8. Well Name and DOGIE DRAV 9. API Well No. 30-025-4505	7. If Unit or CA/Agreement, Name and/or No.			
1. Type of Well	RIPLICATE - Other instruc	<u> </u>	8. Well Name and	8. Well Name and No. DOG/E DRAW FED COM 25 34 14 AV 24H	
2. Name of Operator		INIFER VAN CUREN	9. API Well No.	9. API Well No.	
MARATHON OIL PERMIAN LI		. Phone No. (include area code)		or Exploratory Area	
5555 SAN FELIPE STREET HOUSTON, TX 77056	Pr	n: 713.296.2500	RED HILLS-	RED HILLS-BONE SPRINGS	
 Location of Well (Footage, Sec., T. Sec 14 T25S R34E NWSW 26 32.130268 N Lat, 103.446701 	000FSL 656FWL			11. County or Parish, State LEA COUNTY, NM	
12. CHECK THE AP	PROPRIATE BOX(ES) TO	INDICATE NATURE OF	NOTICE, REPORT, OR (OTHER DATA	
TYPE OF SUBMISSION		TYPE OF	ACTION	<u></u>	
Notice of Intent	Acidize	Deepen Hydraulic Fracturing	Production (Start/Resume Reclamation) Uwater Shut-Off Well Integrity	
🛛 Subsequent Report	 Alter Casing Casing Repair 	Hydraune Fracturing New Construction	Recomplete	Other	
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily Abandon	Drilling Operations	
	Convert to Injection	Plug Back	Water Disposal		
146? to 1036?. 9/21 ? Notified csg, 24 jts, 54.5#, J55, STC to lead cmt and 345sx tail cmt, wi for cmt job. 2/19 ? Perform BO 2/20 ? PU BHA and TIH to drill vertical to 5395?. 2/22 ? Notifie Run 9 5/8? csg, 117jts, 40#, J5 pump 40 bbls spacer, 970sx le from BHA to 5100?. Pressure t up @ 5265? Drill shoe track ar 8864?. 2/25 ? TOH to BHA. TII	1024?. Cmt csg by pumping ith 493sx of cmt returned to s P Test. Tested csg to 1500 p I out. Drill shoe track and 10? ed BLM of csg and cmt job. C 55, LTC, shoe set @ 5311?, 1 ead cement and 390sx tail cm test csg to 3000psi for 30 mir nd 10? new formation to 5335	30 bbsl of fresh water spa surface. Paul Flowers with ssi for 30 min, 50 psi drop, of new formation to 1046 Sirculate hole clean. TOH to float collar @ 5265?. Cemi t, with 295sx cmt to surfact , 53 psi drop, good test. V 57. Drill 8 ?? vertical from \$	Icer, 1036sx of BLM present good test. 2. Drill 12 ?? 5 BHA. 2/23 ? ent 9 5/8? csg, e. 2/24 ? TIH /ash down tag 5335? to		
	Electronic Submission #4590 For MARATHON O mitted to AFMSS for processin	IL PERMIAN LLC, sent to the se	he Hobbs 03/26/2019 (19PP1414SE)	PED	
Name (Printed/Typed) JENNIFER	VAN CUREN	Title SR. REC	SULATORY COMPLIANCE		
Signature (Electronic St		Date 03/22/20			
<u></u>	THIS SPACE FOR F	EDERAL OR STATE (
Approved By			pted for Record	MAR _{ate} 2 7 2019	
onditions of approval, if any, are attached rtify that the applicant holds legal or equi hich would entitle the applicant to conduc	itable title to those rights in the subj		nathon Shepard rlsbad Field Office		
tle 18 U.S.C. Section 1001 and Title 43 U States any false, fictitious or fraudulent st	U.S.C. Section 1212, make it a crime tatements or representations as to an	e for any person knowingly and y matter within its jurisdiction.	willfully to make to any departmen	t or agency of the United	

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

MD			HORIZONTAL - DOGIE DRAW FED COM 25 34 14 AV 24H, 3/22/2019 10:18:52 AM
KB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
-6.5	-5.6	0.0	
-12	-4.3	0.0	
Z. E	26.6	0.3	
7.2	27.2	0.3	
7.E	27.6	0.3	
8.6	28.5	0.3	
2.5	28.9	0.3	Des:Conductor Cement; Depth MD:26.5- 146.5.6 (//): Dets: Diff. 20190 (11/20190) No.:1; Des:Conductor 1, OD:20.000 in;
IE.7	146.6	1.4	Des:Surface Casing Cement; Depth
9.2	979.2	0.5	MD:26.5-1,036.0 ftKB; Date:1/21/2019
:•	9 80.5	0.5	
11.9 11.9	1,022.2	0.5	No.:2; Des:Surface; OD:13.375 in;
3.5	1,023.8	0.5	ID:12.615 in; Depth MD:26.5-1,024.0 ftKB; Length:997.50 ft
£.1	1,036.0	0.5	
2.1	1,643.2	0.6	
4 ,7	1,684.6	0.5	Des:Intermediate Casing Cement; Depth MD:26.5-5,325.0 ftKB; Date:2/23/2019
55.4	5,263.9	1.4	
ET.:	5,265.5	1.4	
15.0 11 T	5,308.5	1.4 1.4	No.:3; Des:Intermediate 1, OD:9.625 in; ID:8.835 in; Depth MD:26.5-5,311.8 ftKB
5.1	5,310.1 5.323.6	1.4	Length:5,285.30 ft
ē.e	8.788.6	0.5	Des:Production Casing Cement; Depth
5.1	8,799.1	0.5	MD:26.5-17,027.0 ftKB; Date:3/12/2019
15.5	9.644.9	87.7	
58.4	9,645.3	87.7	
21.2	9,624.3	97.4	
21.2	9,624.1	97.4	
67.E	9,618.6	97.9	
19.2	9,618.4	97.9	
ce.	9,612.7	97.9	
::	9,612.3	97.9	No.:4; Des:Production 1: OD:5.500 in; D:4.778 in; Depth MD:27.4-17.013.3
25.9	9,610.4	97.9	ftKB; Length:16,985.90 ft
2.0 MILE	MILES, TUR S BEFORE 1 ND GO 2.6 M	NING RIGH TURNING R IILES BEFO	SBAD, NM, AT THE INTERSECTION OF W GREENE STREET AND N CANAL STREET, HEAD EAST ON GREENE STREET IT ONTO REFINERY ROAD AND TRAVELING 12.5 MILES. TURN LEFT AND TAKE NEW MEXICO STATE HIGHWAY 31 FOR RIGHT ONTO NEW MEXICO STATE HIGHWAY 128 AND TRAVELING FOR 38.7 MILES. TURN RIGHT ONTO BATTLE AXE ORE TURNING RIGHT TO CONTINUE ON BATTLE AXE ROAD FOR AN ADDITIONAL 4.7 MILES. TURN LEFT ONTO AN TRAVEL 2.3 MILES FROM WHERE THE PROPOSED PAD SITE IS 2,845 FEET TO THE NE.

	DOGIE D	RAW Fed Com 25						
30-025-45091								
SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation				
1/20/2019	3/9/2019	3/13/2019	17027 / 9686	3331				
Casing detail	Surface	Intermediate	Production					
Date	1/21/2019	2/23/2019	3/11/2019					
Hole size	17 1/2	12 1/4	8 3/4					
Casing size	13 3/8	9 5/8 ·	5 1/2					
Weight	54.5	40	20					
Туре	J55	J55	P110					
Thread	STC	LTC	VA roughneck					
Тор	0	0	0					
Depth (MD)	1024	5312	17013					
Amount jnts	24	117	410					
Cement detail	Surface	Intermediate	Production					
Date	1/21/2019	2/23/2019	3/12/2019					
Top depth KB	0	0	0					
Bottom depth KB	1036	5325	17027					
Lead sks	755	970	980					
Yield	1.73	2.26	3.31					
Tail sks	345	390	2200					
Yield	1.33	1.33	1.22					
WOC to 500 psi			16.39 hrs					
Spacer	30 bbls	40 bbls	30 bbls					
Class	С	С	С					
Circulate to								
surface (sks)	493	295	118					
Top meas.								
method	Circulate	Circulate	Circulate					
тос	0	-0	0					
Pressure testing	Surface	Intermediate	Production					
Date	/2019	2/24/2019						
PSI	1500	3000						
Time (min)	30	30						
Bled off	50	53						
Drop	3%	2%						
Good test	Yes	Yes						

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