

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM136221

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator MARATHON OIL PERMIAN LLC Contact: ADRIAN COVARRUBIAS E-Mail: jvancuren@marathonoil.com			8. Lease Name and Well No. DOGIE DRAW 14 TB FED COM 1H		
3. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056			9. API Well No. 30-025-45092-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 14 T25S R34E Mer NMP NWSW 2600FSL 626FWL 32.130268 N Lat, 103.446800 W Lon At top prod interval reported below Sec 14 T25S R34E Mer NMP NWSW 2600FSL 626FWL At total depth Sec 23 T25S R34E Mer NMP SWSW 101FSL 662FWL			10. Field and Pool, or Exploratory RED HILLS-BONE SPRINGS 11. Sec., T., R., M., or Block and Survey or Area Sec 14 T25S R34E Mer NMP 12. County or Parish LEA 13. State NM		
14. Date Spudded 01/22/2019		15. Date T.D. Reached 03/27/2019		16. Date Completed ☐ D & A ☒ Ready to Prod. 10/21/2019	
18. Total Depth: MD 19890 TVD 12456		19. Plug Back T.D.: MD 19832 TVD 12455		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUDANDGR				22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)	

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	1026		1100		0	
12.250	9.625 J55	40.0	0	5349		1470		0	
8.750	7.000 P110	29.0	0	11633		930		0	
6.125	4.500 P110	13.5	11247	19880		890		11247	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	11142	11124						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	12394	19791	12394 TO 19791	0.000	832	ACTIVE OPEN
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12394 TO 19791	17,995,060 LBS - 40/70; 100 MESH
12394 TO 19791	388 BBLS - 15% HCL ACID

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/21/2019	11/07/2019	24	→	1411.0	2066.0	5280.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48		1100.0	→	1411	2066	5280		POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #495556 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Revisions to Operator-Submitted EC Data for Well Completion #495556

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMMN136221	NMMN136221
Agreement:		
Operator:	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE HOUSTON, TX 77056 Ph: 713-296-3368	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE STREET HOUSTON, TX 77056
Admin Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com Ph: 713-296-3368	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: jvancuren@marathonoil.com Ph: 713-296-3368
Tech Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com Ph: 713-296-3368	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: jvancuren@marathonoil.com Ph: 713-296-3368
Well Name:	DOGIE DRAW 14 TB FEDERAL COM	DOGIE DRAW 14 TB FED COM
Number:	1H	1H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 14 T25S R34E Mer NMP	Sec 14 T25S R34E Mer NMP
Surf Loc:	NWSW 2600FSL 626FWL	NWSW 2600FSL 626FWL 32.130268 N Lat, 103.446800 W Lon
Field/Pool:	RED HILLS; BONE SPRING	RED HILLS-BONE SPRINGS
Logs Run:	MUD AND GR	MUDANDGR
Producing Intervals - Formations:	BONE SPRINGS	BONE SPRING
Porous Zones:	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING
Markers:	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING