

Submit To Appropriate District Office  
Two Copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico DISTRICT  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
APR 10 2018  
RECEIVED

Form C-105  
Revised April 3, 2017

1. WELL API NO.  
30-015-44374  
2. Type of Lease  
 STATE  FEE  FED/INDIAN  
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:  
 COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)  
 C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)  
5. Lease Name or Unit Agreement Name  
CYPRESS FEE 23 27 9  
6. Well Number:  
2H

7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER

8. Name of Operator  
Marathon Oil Permian LLC  
9. OGRID  
372098

10. Address of Operator  
5555 San Felipe St., Houston, TX 77056  
11. Pool name or Wildcat  
Purple Sage; Wolfcamp

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	9	23S	27E		1664'	FSL	549'	FWL	EDDY
BH:	P	9	23S	27E		740'	FSL	332'	FEL	EDDY

13. Date Spudded  
10/13/2017  
14. Date T.D. Reached  
11/17/2017  
15. Date Rig Released  
11/20/2017  
16. Date Completed (Ready to Produce)  
3/24/2018  
17. Elevations (DF and RKB, RT, GR, etc.)  
3,159' GR

18. Total Measured Depth of Well  
14,431'  
19. Plug Back Measured Depth  
20. Was Directional Survey Made?  
YES  
21. Type Electric and Other Logs Run  
MUD GR

22. Producing Interval(s), of this completion - Top, Bottom, Name  
9,797 - 14,305 - BONE SPRING SOUTH

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5	472'	17 1/2"	C 679	135
9 5/8"	40	1,979'	12 1/4"	C 744	227
7"	29	9,100'	8 3/4"	C 869	175

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	8,867.0'	14,418'	541		2 7/8"	9,594'	9,583'
					2 3/8"	9,594'	9,583'

26. Perforation record (interval, size, and number)  
9,797' - 14,305', 0.36", 888 shots  
27. ACID. SHOT. FRACTURE. CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL  
9,797' - 14,305'  
AMOUNT AND KIND MATERIAL USED  
11,954,580 lbs - 40/70; 100 Mesh  
719 bbls - 15% HCL Acid

28. PRODUCTION

Date First Production  
3/27/2018  
Production Method (Flowing, gas lift, pumping - Size and type pump)  
Flowing  
Well Status (Prod. or Shut-in)  
Producing

Date of Test  
4/6/2018  
Hours Tested  
24  
Choke Size  
64  
Prod'n For Test Period  
Oil - Bbl  
663  
Gas - MCF  
985  
Water - Bbl.  
2104  
Gas - Oil Ratio

Flow Tubing Press.  
1300  
Casing Pressure  
105  
Calculated 24-Hour Rate  
Oil - Bbl.  
Gas - MCF  
Water - Bbl.  
Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold  
30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.  
33. Rig Release Date:

34. If an on-site burial was used at the well, report the exact location of the on-site burial:  
Latitude Longitude NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature  
Printed Name  
Adrian Covarrubias  
Title  
Environmental Engineer  
Date  
4/10/2018

E-mail Address  
acovarrubias@marathonoil.com



## **Geological Tops**

Cypress Fee 23 27 9 2H

Surface	0
Salado	434
Castile	434
Base Salt	1435
Lamar	1960
Delaware Sands (Bell Canyon)	2092
Brushy Canyon	3921
Bone Spring	5423
FBSG Sand	6535
SBSG Sand	6961
TBSG Sand	8555
Wolfcamp	8902
Wolfcamp X	8935
Wolfcamp Y	8999
Wolfcamp A	9065
Wlfcamp B	9187
Wolfcamp C	9409
Wolfcamp C2	9503