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Form C-105

Revised April 3, 2017

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
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr., Santa Fe, NM 87505
DISTRICT IV ARTESIA O.C.D.

1. WELL API NO.
30-015-44377
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:
5H

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		2069'	FSL	363'	FWL	EDDY
BH:	I	9	23S	27E		1681'	FSL	331'	FEL	EDDY

13. Date Spudded 9/28/2017
14. Date T.D. Reached 11/25/2017
15. Date Rig Released 11/27/2017
16. Date Completed (Ready to Produce) 3/30/2018
17. Elevations (DF and RKB, RT, GR, etc.) 3,163' GR

18. Total Measured Depth of Well 13,587' / 9099'
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
9,088' - 13,508', WOLFCAMP

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 J55	487'	17 1/2"	552 C	257
9 5/8"	40 L80	1,962'	12 1/4"	715 C	240
7"	29 P110	9,055'	8 3/4"	852 C	182

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2" P110	8,345	13,582'	512 C		2 7/8"	8683	8672
					2 3/8"	8683	8672

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9,088' - 13,508', 0.36", 870 shots		9,088' - 13,508'	8,929,550 lbs - 40/70; 100 Mesh
			710 bbls - 15% HCl Acid

28. PRODUCTION

Date First Production 4/1/2018
Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing
Well Status (Prod. or Shut-in) Producing

Date of Test 4/11/2018
Hours Tested 24
Choke Size 40
Prod'n For Test Period
Oil - Bbl 500
Gas - MCF 2251
Water - Bbl. 2078
Gas - Oil Ratio 4502

Flow Tubing Press. 925
Casing Pressure 625
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 [Signature] Printed Name Adrian Covarrubias Title Environmental Engineer Date 4/13/2018
E-mail Address acovarrubias@marathonoil.com

Geological Tops

Cypress Fee 23 27 9 5H

Surface	0
Salado	458
Castile	458
Base Salt	1459
Lamar	1984
Delaware Sands (Bell Canyon)	2116
Brushy Canyon	3945
Bone Spring	5447
FBSG Sand	6536
SBSG Sand	6992
TBSG Sand	8559
Wolfcamp	8905
Wolfcamp X	8941
Wolfcamp Y	9014