

**Revised (signed copy) DB*

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

Form C-105
Revised April 3, 2017

RECEIVED
MAY 15 2018
DISTRICT II-ARTESIA O.C.D.

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)

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

8. Name of Operator **Marathon Oil Permian LLC**

10. Address of Operator
5555 San Felipe St., Houston, TX 77056

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		2118'	S	328'	W	Eddy
BH:	I	9	23S	27E		2318'	S	410'	E	Eddy

13. Date Spudded **9/26/2017** 14. Date T.D. Reached **12/22/2017** 15. Date Rig Released **12/24/2017** 16. Date Completed (Ready to Produce) **3/31/2018** 17. Elevations (DF and RKB, RT, GR, etc.) **3,164' GR**

18. Total Measured Depth of Well **13,726'** 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
9,229'-13,647', Wolfcamp

1. WELL API NO.
30-015-44380

2. Type of Lease
☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

5. Lease Name or Unit Agreement Name
Cypress Fee 23 27 9

6. Well Number:
8H

9. OGRID **372098**

11. Pool name or Wildcat
Purple Sage; 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"	54.50	473'	17 1/2"	552	169
9 5/8"	40.00	1,927'	12 1/4"	715	175
7"	29.00	9,123'	8 3/4"	876	126

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4 1/2"	8,458	13,723	561	

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	9012	9001
2 3/8"	9012	9001

26. Perforation record (interval, size, and number)
9,229'-13,647', 0.36", 894 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9,229'-13,647'	8,871,660 lbs - 40/70; 100 Mesh
	738 bbls - 15% HCl Acid

28. PRODUCTION

Date First Production 4/3/2018		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Producing	
Date of Test 4/13/2018	Hours Tested 24	Choke Size 48	Prod'n For Test Period	Oil - Bbl 379	Gas - MCF 938
				Water - Bbl. 2574	Gas - Oil Ratio
Flow Tubing Press. 610	Casing Pressure 10	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 *Adrian Covarrubias*

Printed Name **Adrian Covarrubias**

E-mail Address **acovarrubias@marathonoil.com**

Title **Environmental Engineer**

Date **4/16/2018**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

Geological Tops

Cypress Fee 23 27 9 8H

Surface	0
Salado	444
Castile	444
Base Salt	1445
Lamar	1970
Delaware Sands (Bell Canyon)	2102
Brushy Canyon	3931
Bone Spring	5433
FBSG Sand	6525
SBSG Sand	6996
TBSG Sand	8558
Wolfcamp	8904
Wolfcamp X	8932
Wolfcamp Y	8997
Wolfcamp A	9067