

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> 1220 South St. Francis Drive Santa Fe, NM 87505 <span style="font-weight: normal; color: blue;">MAY 07 2018</span>		<b>Form C-105</b> Revised April 3, 2017						
		<b>DISTRICT II ARTESIA O.C.D.</b>		1. WELL API NO. 30-015-44377						
				2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN						
				3. State Oil & Gas Lease No.						
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (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: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> 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
<b>Surface:</b>	L	9	23S	27E		2069'	FSL	363'	FWL	EDDY
<b>BH:</b>	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										
<b>CASING RECORD (Report all strings set in well)</b>										
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
<b>24. LINER RECORD</b>										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN						
4 1/2" P110	8,345	13,582'	512 C							
<b>25. TUBING RECORD</b>										
SIZE	DEPTH SET		PACKER SET							
2 7/8"	8683		8672							
2 3/8"	8683		8672							
26. Perforation record (interval, size, and number) 9,088' - 13,508', 0.36", 870 shots						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						9,088' - 13,508'		8,929,550 lbs - 40/70; 100 Mesh		
								710 bbls - 15% HCl Acid		
<b>PRODUCTION</b>										
Date First Production 4/1/2018		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) Flowing				Well Status ( <i>Prod. or Shut-in</i> ) 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 - ( <i>Corr.</i> )				
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) 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    4/13/2018	
E-mail Address acovarrubias@marathonoil.com										



# 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. Blinebry	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

(Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

## **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