


Submit To Appropriate District Office Two Copies <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 811 S. First St., Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 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 Santa Fe, NM 87505	<b>Form C-105</b> Revised April 3, 2017								
<b>WELL COMPLETION OR RECOMPLETION REPORT AND</b>		1. WELL API NO. 30-025-44666								
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)		2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN 3. State Oil & Gas Lease No.								
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		5. Lease Name or Unit Agreement Name BLUEBERRY HILL 19 WA FEE								
8. Name of Operator Marathon Oil Permian LLC		6. Well Number: 4H								
10. Address of Operator 5555 San Felipe St., Houston, TX 77056		9. OGRID 372098								
11. Pool name or Wildcat WC-025 G-09 S243532M; WOLFBONE										
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	H	19	24S	35E		2416	N	1316	E	LEA
BH:	A	18	24S	35E		100	N	1059	E	LEA
13. Date Spudded 4/15/2019	14. Date T.D. Reached 11/11/2019		15. Date Rig Released 11/18/2019			16. Date Completed (Ready to Produce) 1/1/2020		17. Elevations (DF and RKB, RT, GR, etc.) 3337' GR		
18. Total Measured Depth of Well 20064' / 12519'			19. Plug Back Measured Depth 20001' / 11886'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12260' - 19891'; WOLFBONE										
23. <b>CASING RECORD</b> (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, STC		1111'		17 1/2"		848		/	
7 5/8"	29.7#, P110, BTC		11812'		9 7/8"		1980			
5 1/2"	23#, P110, HUNTING		20050'		6 3/4"		1495			
24. <b>LINER RECORD</b>										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. <b>TUBING RECORD</b>			
							SIZE	DEPTH SET	PACKER SET	
26. Perforation record (interval, size, and number) 12260' - 19891', 0.42", 840 shots										
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.										
DEPTH INTERVAL						AMOUNT AND KIND MATERIAL USED				
12260' - 19891'						21,368,899 lbs - 40/70 Sand; 100 Mesh				
12260' - 19891'						19,467 gal - 15% HCl Acid				
28. <b>PRODUCTION</b>										
Date First Production 1/1/2020		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PRODUCING				
Date of Test 1/19/2020	Hours Tested 24	Choke Size 50	Prod'n For Test Period	Oil - Bbl 2901	Gas - MCF 3418	Water - Bbl 2986	Gas - Oil Ratio			
Flow Tubing Press. 0	Casing Pressure 1100	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:										
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 Regulatory Professional			Date 2/4/2020	
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. 2, from.....to.....  
No. 3, 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

From	To	Thickness In Feet	Lithology

**Geological Tops**  
**BLUEBERRY HILL 19 WA FEE 4H**

Salado	1180
Castile	3528
Base Salt	5193
Lamar	5351
Delaware Sands (Bell Canyon)	5387
Cherry Canyon	6600
Brushy Canyon	7901
Bone Spring	9196
Wolfcamp	12396