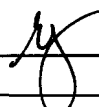


Submit To Appropriate Agency Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		ARTESIA DISTRICT Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised April 3, 2017						
State of New Mexico Energy, Minerals and Natural Resources		CONFIDENTIAL		1. WELL API NO. 30-015- 44790 44370						
RECEIVED JAN 08 2018		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN		3. State Oil & Gas Lease No.						
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> 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 Cass 16 State 6. Well Number: 4H						
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 Bone Springs Forehand Ranch						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	E	16	23S	27E		2018'	N	256'	W	Eddy
BH:	H	16	23S	27E		2083'	N	330'	E	Eddy
13. Date Spudded 8/18/2017	14. Date T.D. Reached 8/27/2017	15. Date Rig Released 8/30/2017		16. Date Completed (Ready to Produce) 10/20/2017		17. Elevations (DF and RKB, RT, GR, etc.) 3160'				
18. Total Measured Depth of Well 11,840' 11830/1241'		19. Plug Back Measured Depth 11,740		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run gamma and mud				
22. Producing Interval(s), of this completion - Top, Bottom, Name										
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		422.1'		17 1/2"		500		
9 5/8"		40.00		1,949.7'		12 1/4"		700		
5 1/2"		20.00		11,790.5'		8 3/4"		2,070		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD					
					SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) Interval: 7226' - 11728' Size: 0.36" Number: 930					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 7226' - 11728' 1,107 bbls. - 15% HCl Acid 11,295,910 lbs. - Propanats, Sand					
28. PRODUCTION										
Date First Production 10/24/2017		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 10/28/2017	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl 526	Gas - MCF 859	Water - Bbl 3587	Gas - Oil Ratio			
Flow Tubing Press. 0	Casing Pressure 353	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 <i>Jennifer Van Curen</i>			Printed Name Jennifer Van Curen		Title Sr. Regulatory Compliance			Date 11/21/17		
E-mail Address jvancuren@marathonoil.com										

INST

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

Cass 16 State 4H

Surface	0'
Rustler	110'
Salado	250'
Castile	450'
Base Salt	1800'
Lamar	1975'
Delaware Sands (Bell Canyon)	2100'
Cherry Canyon	2815'
Brushy Canyon	3975'
Bone Spring Lime	5450'
FBSG Sand	6575'
2nd Carbonate	6750'
SBSG Sand	7050'
3rd Carbonate	7225'
TBSG Sand	8550'
Wolfcamp	8950'