

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						<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>						<b>Form C-105</b> Revised April 3, 2017			
<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 <b>BLACK RIVER 15 10 STATE COM X</b>			
7. Type of Completion: <input checked="" type="checkbox"/> <b>NEW WELL</b> <input type="checkbox"/> <b>WORKOVER</b> <input type="checkbox"/> <b>DEEPENING</b> <input type="checkbox"/> <b>PLUGBACK</b> <input type="checkbox"/> <b>DIFFERENT RESERVOIR</b> <input type="checkbox"/> <b>OTHER</b>												6. Well Number:  <b>6H</b>			
8. Name of Operator <b>Marathon Oil Permian LLC</b>								9. OGRID <b>372098</b>							
10. Address of Operator <b>5555 San Felipe St., Houston, TX 77056</b>								11. Pool name or Wildcat <b>WILLOW LAKE, WEST; BONE SPRING</b>							
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County					
Surface:	P	15	24S	27E		270	FSL	1040	FEL	EDDY					
BH:	A	10	24S	27E		330	FNL	981	FEL	EDDY					
13. Date Spudded 10/3/2017	14. Date T.D. Reached 12/22/2017		15. Date Rig Released 12/27/2017			16. Date Completed (Ready to Produce) 3/2/2018			17. Elevations (DF and RKB, RT, GR, etc.) 3,224' GL						
18. Total Measured Depth of Well 19,067' / 9060			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 <b>9,209' - 18,963' - THIRD BONE SPRING</b>															
<b>23. 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		445'		17 1/2"		410		132					
9 5/8"		40		2,338'		12 1/4"		795		88					
7 5/8"		29.7		9,391'		8 3/4"		685		0					
24. LINER RECORD      25. TUBING RECORD															
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET								
4 1/2"	3,515'	19,056'	1,598		2 7/8"	8397	8383								
					2 3/8"	8397	8383								
26. Perforation record (interval, size, and number) 9,209' - 18,963' 6 shots/ft, 0.36, 1950 total shots <i>9359-18963 Per SN dated 3-22-18</i>						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED 9,209' - 18,963'      24,768,290 LBS - 30/50 100 MESH <i>9359-18963</i> 1,495 BBLS - 15% HCL ACID									
<b>28. PRODUCTION</b>															
Date First Production 3/10/2018		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Producing								
Date of Test 3/20/2018	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 574	Gas - MCF 1562	Water - Bbl. 4276	Gas - Oil Ratio								
Flow Tubing Press. 530	Casing Pressure 110	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 3/22/2018						
E-mail Address jvancuren@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. Blinébry	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**

**Black River 15 10 State Com X 6H**

Surface	0
Salado	685
Castile	685
Base Salt	2197
Lamar	2338
Delaware Sands (Bell Canyon)	2409
Cherry Canyon	3162
Brushy Canyon	4251
Bone Spring	5803
FBSG Sand	6843
SBSG Sand	7380
TBSG Sand	8747