

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				
		1. WELL API NO. 30-015-42728		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 BLACK RIVER 10 STATE COM 6. Well Number: 2H						
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				MAR 26 2018						
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 RECEIVED PURPLE SAGE; WOLFCAMP						
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	1070	FEL	EDDY
BH:	A	10	24S	27E		329	FNL	1329	FEL	EDDY
13. Date Spudded 10/1/2017	14. Date T.D. Reached 12/3/2017		15. Date Rig Released 12/6/2017		16. Date Completed (Ready to Produce) 3-4-2018		17. Elevations (DF and RKB, RT, GR, etc.) 3,192 GL			
18. Total Measured Depth of Well 19,145' 19291		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 9492 - 19056' 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"		54.5		470.2'		17 1/2		409		132
9 5/8"		40		2,332.0'		12 1/4		790		170
7 5/8"		29.7		9,290.0'		8 3/4		685		0
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN					
4.5	4,700'	19,128'		1,490						
25. TUBING RECORD										
SIZE	DEPTH SET		PACKER SET							
2 7/8"	8572		8558							
2 3/8"	8572		8558							
26. Perforation record (interval, size, and number) 9,342' - 19,056' 6 shots/ft, 0.36, 1950 total shots						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
DEPTH INTERVAL						AMOUNT AND KIND MATERIAL USED				
9,342' - 19,056'						23731030 LBS - 30/50 100 MESH				
						1507 bbls - 15% HCl Acid				
28. PRODUCTION										
Date First Production 3/7/2018		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 3/17/2018	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 1103	Gas - MCF 2522	Water - Bbl. 4444	Gas - Oil Ratio			
Flow Tubing Press. 750	Casing Pressure 1250	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 Rep			Date 3/21/2018	
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. 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

From	To	Thickness In Feet	Lithology

Geological Tops

Black River 10 State Com 2H

Surface	0
Salado	665
Castile	665
Base Salt	2177
Lamar	2318
Delaware Sands (Bell Canyon)	2389
Cherry Canyon	3142
Brushy Canyon	4231
Bone Spring	5783
FBSG Sand	6823
SBSG Sand	7381
TBSG Sand	8740
Wolfcamp	9112
Wolfcamp X	9128
Wolfcamp Y	9182
Wolfcamp A	9241

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 26 2018

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015- 142 728	² Pool Code 98220	³ Well Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 318159	⁵ Property Name BLACK RIVER 15-10 STATE COM	⁶ Well Number 2H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3231'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	15	T24S	R27E		270'	SOUTH	1070'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	T24S	R27E		329'	NORTH	1329'	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ SECTION 4 SECTION 9 LAST TAKE POINT/BOTTOM HOLE LOCATION 19,145 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST Y450387.68 / X590496.56 LAT:32.23809164N / LDN104.17433747W NAD 27, SPCS NM EAST Y450329.35 / X549313.8 LAT:32.2379719N / LDN104.17384062W		SECTION 3 SECTION 10		A 329' B 1329' BHL/ LAST TAKE POINT 1325' MEASURED DEPTH = 16,747' PRODUCING AREA 330' 330' FIRST TAKE POINT SHL 1427' 1070' 270' 330' C		SECTION 2 SECTION 11	
SECTION 9 SECTION 16 FIRST TAKE POINT 9,165 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST Y440467.82 / X590445.99 LAT:32.21082318N / LDN104.17454845W NAD 27, SPCS NM EAST Y440409.68 / X549263.05 LAT:32.21070297N / LDN104.17405231W SURFACE HOLE LOCATION 270' FSL 1070' FEL, SECTION 15 NAD 83, SPCS NM EAST Y440400.74 / X590802.21 LAT:32.21064077N / LDN104.17339692W NAD 27, SPCS NM EAST Y440342.60 / X549619.27 LAT:32.21052055N / LDN104.17290084W		SECTION 10 SECTION 15		SECTION 11 SECTION 14		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Jennifer Van Curen 3/21/2018 Signature Date Jennifer Van Curen Printed Name E-mail Address	
SECTION 16 SECTION 21 CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 450743.64 / X: 589192.43 B - Y: 450688.80 / X: 591823.83 C - Y: 440114.54 / X: 591868.86 D - Y: 440159.23 / X: 589132.63		SECTION 15 SECTION 22 CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 450685.32 / X: 548009.70 B - Y: 450630.45 / X: 550641.05 C - Y: 440056.39 / X: 550685.89 D - Y: 440101.12 / X: 547949.72		SECTION 14 SECTION 23		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. DECEMBER 07, 2017 Date of Survey Signature and Seal of Professional Surveyor: PRELIMINARY THIS DOCUMENT IS NOT TO BE USED FOR INVESTIGATION, BIDDING, RECORDATION, SALE OR THE BASIS FOR THE ISSUANCE OF A PERMIT. Certificate Number	

NOTE: ALL DEMINSIONS IN U.S. FEET