

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 & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Marathon Oil Permian LLC 5555 San Felipe St., Houston, TX 77056		² OGRID Number 372098
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-42732	⁵ Pool Name Purple Sage; Wolfcamp (Gas)	⁶ Pool Code 96409
⁷ Property Code	⁸ Property Name Sterling 20 State	⁹ Well Number 2H

II. 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	17	23S	27E		240'	South	330'	East	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	23S	27E		240' 242	South	330' 283	East	Eddy
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	HollyFrontier Refining & Marketing LLC 10 Desta Dr. Suite 350W, Midland, TX 79705	O
	NM OIL CONSERVATION ARTESIA DISTRICT DEC 06 2017 RECEIVED	

IV. Well Completion Data

²¹ Spud Date 9/21/2017	²² Ready Date 11/20/2017	²³ TD 13,979 ft.	²⁴ PBDT 13979	²⁵ Perforations 13,731 - 13,885 3 shots/ft	²⁶ DHC, MC 9179 - 13881
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2 in.	13 3/8 in. J55	580 ft.	C 670 ✓		
12 1/4 in.	9 5/8 in. L80	2,000 ft.	C 641 ✓		
8 3/4 in.	7 in. P110	9,201 ft.	C 889 ✓		
6 1/8 in.	4 1/2 in. P110	13,970 ft.	C 571 ✓		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Jennifer Van Curen			OIL CONSERVATION DIVISION		
Printed name: Jennifer Van Curen			Approved by: Raymond H. Rodary		
Title: Sr. Regulatory Compliance			Title: Ecologist		
E-mail Address: jvancuren@marathonoil.com			Approval Date: 12.6.2017		
Date: 11/21/17	Phone: 713-296-2500				

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
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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

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ARTESIA DISTRICT District Office
DEC 06 2017
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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 96409	³ Pool Name PURPLE SAGE; WOLFCAMP GAS
⁴ Property Code	⁵ Property Name STERLING 20 STATE	⁶ Well Number 2H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN, LLC.	⁹ Elevation 3169

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	17	T23S	R27E		240'	SOUTH	330'	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
P	20	T23S	R27E		242'	SOUTH	283'	EAST	EDDY

¹² Dedicated Acres 320.00	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 CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 472010.44' / X: 578789.62' B - Y: 472006.12' / X: 581435.11' C - Y: 466700.36' / X: 581448.80' D - Y: 466718.61' / X: 578813.90'		CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 471951.73' / X: 537607.49' B - Y: 471947.38' / X: 540252.94' C - Y: 466641.76' / X: 540266.52' D - Y: 466660.04' / X: 537631.66'		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. Signature _____ Date _____ Printed Name _____ E-mail Address _____	
SECTION 18 SECTION 19 SURFACE HOLE LOCATION 240' FSL 330' FEL NAD 83, SPCS NM EAST X:581104.44' / Y:472246.66' LAT:32.29821394N / LON:104.20462967W NAD 27, SPCS NM EAST X:539922.28' / Y:472187.91' LAT:32.29809499N / LON:104.20412987W FIRST TAKE POINT 9,081' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:581116.52' / Y:471676.64' LAT:32.29664699N / LON:104.20459281W NAD 27, SPCS NM EAST X:539934.35' / Y:471617.91' LAT:32.29652803N / LON:104.20409306W LAST TAKE POINT 13,848' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:581162.34' / Y:46782.35' LAT:32.28388028N / LON:104.20446257W NAD 27, SPCS NM EAST X:539980.07' / Y:466973.74' LAT:32.28376125N / LON:104.20396320W BOTTOM HOLE LOCATION 13,979' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:581165.58' / Y:466944.06' LAT:32.28363757N / LON:104.20445243W NAD 27, SPCS NM EAST X:539983.31' / Y:466885.45' LAT:32.29071267N / LON:104.20395285W		SECTION 17 SECTION 20 SECTION 21 SECTION 28 SECTION 29 SECTION 30 SECTION 31 SECTION 32 SECTION 33 SECTION 34 SECTION 35 SECTION 36 SECTION 37 SECTION 38 SECTION 39 SECTION 40 SECTION 41 SECTION 42 SECTION 43 SECTION 44 SECTION 45 SECTION 46 SECTION 47 SECTION 48 SECTION 49 SECTION 50 SECTION 51 SECTION 52 SECTION 53 SECTION 54 SECTION 55 SECTION 56 SECTION 57 SECTION 58 SECTION 59 SECTION 60 SECTION 61 SECTION 62 SECTION 63 SECTION 64 SECTION 65 SECTION 66 SECTION 67 SECTION 68 SECTION 69 SECTION 70 SECTION 71 SECTION 72 SECTION 73 SECTION 74 SECTION 75 SECTION 76 SECTION 77 SECTION 78 SECTION 79 SECTION 80 SECTION 81 SECTION 82 SECTION 83 SECTION 84 SECTION 85 SECTION 86 SECTION 87 SECTION 88 SECTION 89 SECTION 90 SECTION 91 SECTION 92 SECTION 93 SECTION 94 SECTION 95 SECTION 96 SECTION 97 SECTION 98 SECTION 99 SECTION 100		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. Date of Survey _____ Signature and Seal of Professional Surveyor _____ CONVEYANCE DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION BIDDING, RECORDATION, SALE OR THE BASIS FOR THE ISSUANCE OF A PERMIT. Certificate Number _____	

NOTE: ALL DEMINSIONS IN U.S. FEET