

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED
 State of New Mexico
 Energy, Minerals and Natural Resources
 JAN 23 2020
 OIL CONSERVATION DIVISION
 ENVRD-OCD ARTESIA
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

WELL API NO. 30-015-46272	5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	7. Lease Name or Unit Agreement Name THOR 28 WXY FEE
8. Well Number 5H	9. OGRID Number 372098
10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3083' GL

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other

2. Name of Operator
Marathon Oil Permian LLC

3. Address of Operator
5555 San Felipe St., Houston, TX 77056

4. Well Location
 Unit Letter M : 612 feet from the SOUTH line and 1192 feet from the WEST line
 Section 28 Township 23S Range 28E NMPM County EDDY

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<p style="text-align: center;">NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input checked="" type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/></p>	<p style="text-align: center;">SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/></p>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Marathon Oil Permian LLC requests to make changes to the approved APD as follows:
 Change SHL
 From: 612' FSL 1192' FWL
 To: 612' FSL 1222' FWL

Change FTP:
 From: 330' FSL 330'
 To: 330' FSL 990' FWL

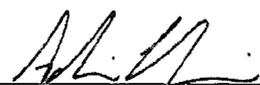
Change proposed casing and cement program by removing liner:

TYPE	HOLE SIZE	CASING SIZE	CASING WEIGHT/FT	SETTING DEPTH	SACKS OF CEMENT	ESTIMATED TOC
Surface	17.5	13.375	54.5	350	366	0
Intermediate 1	12.25	9.625	36	2600	860	0
Production	8.75	5.5	20	14294	2480	2100

Spud Date:

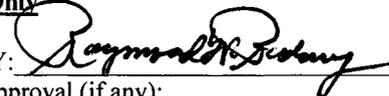
Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Regulatory Professional DATE 1/22/2020

Type or print name Adrian Covarrubias E-mail address: acovarrubias@marathonoil.com PHONE: 713-296-3368

For State Use Only

APPROVED BY:  TITLE: Geologist DATE 1-3-2020
 Conditions of Approval (if any):

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 3001542672	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code -	⁵ Property Name THOR 28 WXY FEE	⁶ Well Number 5H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3083'

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
M	28	23S	28E		612	SOUTH	1222	WEST	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
D	28	23S	28E		330	NORTH	990	WEST	EDDY

¹² Dedicated Acres 320.0	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.

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: *Melissa Szudera* Date: 01/21/2020
Printed Name: MELISSA SZUDERA
E-mail Address: mszudera@marathonoil.com

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 knowledge and belief.

DECEMBER 11, 2019
Date of Survey
Signature and Seal of Professional Surveyor: *David M. Myers*
Certificate Number: 11403

CORNER COORDINATES NAD 83, SPCS NM EAST
A - X: 613142.91' / Y: 466881.58'
B - X: 615806.46' / Y: 466898.63'
C - X: 615845.65' / Y: 461605.64'
D - X: 613170.76' / Y: 461584.95'

CORNER COORDINATES NAD 27, SPCS NM EAST
A - X: 571960.13' / Y: 466822.56'
B - X: 574623.63' / Y: 466839.58'
C - X: 574662.60' / Y: 461546.71'
D - X: 571987.85' / Y: 461526.06'

LAST TAKE POINT/BOTTOM HOLE LOCATION
330' FNL 990' FWL, SECTION 28
NAD 83, SPCS NM EAST
X: 614134.60' / Y: 466557.92'
LAT: 32.28242218N / LON: 104.09777031W
NAD 27, SPCS NM EAST
X: 572951.79' / Y: 466498.90'
LAT: 32.28230154N / LON: 104.09727512W

KICK OFF POINT / FIRST TAKE POINT
330' FSL 990' FWL, SECTION 28
NAD 83, SPCS NM EAST
X: 614158.97' / Y: 461922.60'
LAT: 32.26968019N / LON: 104.09772439W
NAD 27, SPCS NM EAST
X: 572976.05' / Y: 461883.69'
LAT: 32.26955946N / LON: 104.09722964W

SURFACE HOLE LOCATION
612' FSL 1222' FWL, SECTION 28
NAD 83, SPCS NM EAST
X: 614389.65' / Y: 462206.53'
LAT: 32.27045928N / LON: 104.09697602W
NAD 27, SPCS NM EAST
X: 573206.73' / Y: 462147.61'
LAT: 32.27033854N / LON: 104.09648127W

Distances/areas relative to NAD 83 Combined Scale Factor: 0.999915187 Convergence: 00°07'33.71903"

Ref 2-3-2020