

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



Notice of C-104 Denial and Request for Information

OCD denies your C-104 – *Request for Allowable and Authorization to Transport* because it is incomplete or conflicts with other information provided to OCD.

The sale or transport of product without a C-104 approved by OCD violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC.

To avoid an enforcement action, you must submit the indicated information no later than 30 days after receipt of this notice.

Test Allowable, New Well and Recompleted Well

- * ☒ C-103 (or BLM equivalent) for all casing strings * *SUBMIT HARD COPY C-103'S IN THE FUTURE*
- ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☐ Production Casing or Liner

☐ Applicable Order (NSL, NSP, Other _____)

☐ Deviation Survey for Vertical Wells

☒ Directional Survey *Certified*

☒ C-102 (As-Drilled Plat for Horizontal Well)

Certified C-102 Required

New Well and Recompleted Well Only

☒ C-103 Completion Sundry (or BLM equivalent)

☒ C-105 Completion Report (or BLM equivalent) *AMEND*

☐ All Logs Run on Well

If you have any questions please contact the local OCD District Office

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

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

Form C-104
Revised August 1, 2011

RECEIVED
AUG 21 2019

Submit one copy to any State District Office

DISTRICT/ARTESIA/OO

☐ 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 - 015-45344	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 321636	⁸ Property Name RICK DECKARD 4 WA 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
C	4	25S	28E		820	NORTH	1682	WEST	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
M	4	25S	28E		285	SOUTH	1007	WEST	EDDY
¹² Lse Code S	¹³ Producing Method Code	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
	ENTERPRISE CRUDE OIL - LE	O
	SENDERO MIDSTREAM	G

IV. Well Completion Data

²¹ Spud Date 4/2/2019	²² Ready Date 7/13/2019	²³ TD 14330' / 9594'	²⁴ PBDT	²⁵ Perforations 9634' - 14233'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	439'	615		
12 1/4"	9 5/8"	2503'	770		
8 3/4"	5 1/2"	14291'	2840		
* Apply for tbg. Exception - C-103					

V. Well Test Data

³¹ Date New Oil 7/14/2019	³² Gas Delivery Date	³³ Test Date 8/7/2019	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 875
³⁷ Choke Size 64	³⁸ Oil 1636	³⁹ Water 3559	⁴⁰ Gas 3522		⁴¹ Test Method Flowing

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: *Adrian Covarrubias*

Printed name: Adrian Covarrubias

Title: CTR - Technician HES

E-mail Address: acovarrubias@marathonoil.com

Date: 8/19/2019

Phone: 713-296-3368

OIL CONSERVATION DIVISION

Appr:

Title:

Appr:

DENIED

See Attached Cover Sheet

* PLEASE include OGRID#5
on C-104

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

RECEIVED
AUG 21 2019
DISTRICT/ARTESIA/O.C.D.

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45344	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code	Property Name RICK DECKARD 4 WA STATE	⁶ Well Number 2H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3001'

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
C	4	T25S	R28E		820	NORTH	1682	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
M	4	T25S	R28E		285	SOUTH	1007	WEST	EDDY

¹² Dedicated Acres 321.12	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 	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 an undivided 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: <i>Adrian Covarrubias</i> Date: 8/19/2019 Printed Name: Adrian Covarrubias E-mail Address:
	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: <i>8/19/2019</i> Signature: <i>[Signature]</i> Title: <i>Professional Surveyor</i> THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION BIDDING, RECORDATION, OR THE BASIS FOR THE ISSUANCE OF A PERMIT. Certificate Number:

DISTANCES/AREAS RELATIVE TO NAD83 COMBINED SCALE FACTOR: 0.999915284
CONVERGENCE: 0.1265074556; NOTE: ALL DIMENSIONS IN U.S. FEET

RECEIVED

Intent ☐ As Drilled ☒

AUG 21 2019

API # 30-015-45344		DISTRICT//ARTESIA CO.	
Operator Name: Marathon Oil Permian LLC		Property Name: Rick Deckard 4 WA State	Well Number 2H

Kick Off Point (KOP)

UL C	Section 4	Township 25S	Range 28E	Lot	Feet 148	From N/S N	Feet 1040	From E/W W	County Eddy
Latitude 32.16610374					Longitude -104.09766155			NAD 83	

First Take Point (FTP)

UL C	Section 4	Township 25S	Range 28E	Lot	Feet 330	From N/S N	Feet 1018	From E/W W	County Eddy
Latitude 32.16560269					Longitude -104.09773557			NAD 83	

Last Take Point (LTP)

UL M	Section 4	Township 25S	Range 28E	Lot	Feet 285	From N/S S	Feet 1007	From E/W W	County EDDY
Latitude 32.15277523					Longitude -104.09784349			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #	
Operator Name:	Property Name:
Well Number	

KZ 06/29/2018

Submit to Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
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811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
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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

RECEIVED
AUG 21 2019
DISTRICT ARTESIA OGD

1. WELL API NO. 30-015-45344

2. Type of Lease
☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)
☐ **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)

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator
Marathon Oil Permian LLC

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

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	4	25S	28E		820	N	1682	W	EDDY
BH:	M	4	25S	28E		285	S	1007	W	EDDY

13. Date Spudded 4/2/2019 14. Date T.D. Reached 6/6/2019 15. Date Rig Released 6/9/2019 16. Date Completed (Ready to Produce) 7/13/2019 17. Elevations (DF and RKB, RT, GR, etc.) 3001' GL

18. Total Measured Depth of Well 14330' / 9594' 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
9634' - 14233'; WOLFCAMP

5. Lease Name or Unit Agreement Name
RICK DECKARD 4 WA STATE

6. Well Number:
2H

9. OGRID 372098

11. Pool name or Wildcat
PURPLE SAGE; WOLFCAMP (GAS)

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 / J55	439'	17 1/2"	615	
9 5/8"	36 / J55	2503'	12 1/4"	770	
5 1/2"	20 / P110	14291'	8 3/4"	2840	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)
9634' - 14233' ; 0.36", 552 shots

27. ACID, SHOT FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9634' - 14233'	11,429,887 lbs - 40/70; 100 Mesh
	6,741 gal - 15% HCl Acid

PRODUCTION

Date First Production 7/14/2019		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Producing	
Date of Test 8/7/2019	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 1636	Gas - MCF 3522
				Water - Bbl. 3559	Gas - Oil Ratio
Flow Tubing Press. 0	Casing Pressure 875	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

Printed Name Adrian Covarrubias

Title CTR - Technician HES

Date 8/19/2019

E-mail Address acovarrubias@marathonoil.com

7.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

OIL OR GAS SANDS OR ZONES

No. 3, from.....to.....
No. 4, from.....to.....

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.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Geological Tops

Rick Deckard 4 WA State 2H

Surface	0
Salado	651
Castile	847
Base Salt	2398
Lamar	2498
Delaware Sands (Bell Canyon)	2529
Cherry Canyon	3354
Brushy Canyon	4536
Bone Spring	6143
Wolfcamp	9349