

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 Amend C-104

- ☒ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☐ Production Casing or Liner

* SUBMIT ALL C-103'S VIA HARD COPY IN THE FUTURE.

☐ Applicable Order (NSL, NSP, Other _____)

☐ Deviation Survey for Vertical Wells

☒ Directional Survey *Certified*

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

Signed 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

RECEIVED

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1090 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

AUG 21 2019

Oil Conservation Division

Submit one copy to appropriate District Office

1220 South St. Francis Dr.

Santa Fe, NM 87505

DISTRICT II-ARTESIA O.C.D.

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 - 015-45174	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	
	⁶ Pool Code 98220	
⁷ Property Code 321635	⁸ Property Name RICK DECKARD 4 WXY STATE	⁹ Well Number 6H

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	1652	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	321	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 4/3/2019	²² Ready Date 7/13/2019	²³ TD 14257' / 9443'	²⁴ PBTB	²⁵ Perforations 9610' - 14165'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8" 54.5 J55	458'	615 C		
12 1/4"	9 5/8" 36 J55	2500'	770 C		
8 3/4"	5 1/2" 20 P110	14251'	2930 C		
	27 1/8 L80	9386'			

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 1075
³⁷ Choke Size 62	³⁸ Oil 1612	³⁹ Water 2931	⁴⁰ Gas 3463	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:

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

Approve

DENIED

Title:

Approval

See Attached Cover Sheet

*Tbg. size & Class missing

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

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DISTRICT IV-ARTESIA

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-15-45347	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLF CAMP (GAS)
⁴ Property Code	Property Name RICK DECKARD 4 WXY STATE	⁶ Well Number 6H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 2999'

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	1652	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	321	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
321.12			

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.

<p>¹⁶</p> <p>SURFACE HOLE LOCATION 820' FNL 1652' FWL, SECTION 4 NAD 83, SPCS NM EAST X:614871.35' / Y:423571.70' LAT:32.16425360N / LON:104.09569392W NAD 27, SPCS NM EAST X:573687.59' / Y:423513.57' LAT:32.16413160N / LON:104.09520248W</p> <p>SECTION 32 474' 418' (FARTHEST & FIRST TAKE POINT MD=9.514' 330' 330' (CROSSING 1) MD=10.164' (CROSSING 2) MD=10.255' 1652' 1011' SHL (CROSSING 3) MD=12.553' 330' (NEAREST & LAST TAKE POINT MD=14.212' 330' BHL</p> <p>SECTION 33 KICK OFF POINT 9,213' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:613695.12' / Y:424225.15' LAT:32.16605695N / LON:104.09949051W NAD 27, SPCS NM EAST X:572511.40' / Y:424167.02' LAT:32.16593504N / LON:104.09899886W</p> <p>SECTION 34 FIRST TAKE POINT 9,543' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:613638.91' / Y:424060.78' LAT:32.16560546N / LON:104.09967332W NAD 27, SPCS NM EAST X:572455.19' / Y:424002.65' LAT:32.16548353N / LON:104.09918168W</p> <p>LAST TAKE POINT 14,212' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:613528.80' / Y:419401.70' LAT:32.15279870N / LON:104.10006181W NAD 27, SPCS NM EAST X:572344.99' / Y:419343.66' LAT:32.15267663N / LON:104.09957052W</p> <p>SECTION 4 BOTTOM HOLE LOCATION 14,257' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:613528.95' / Y:419357.10' LAT:32.15267610N / LON:104.10006162W NAD 27, SPCS NM EAST X:572344.99' / Y:419343.66' LAT:32.15267663N / LON:104.09957052W</p> <p>SECTION 3 CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 613221.63' / Y: 424390.57' B - X: 615881.69' / Y: 424391.91' C - X: 615885.84' / Y: 419047.50' D - X: 613206.84' / Y: 419074.98'</p> <p>SECTION 9 CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 572037.93' / Y: 424332.44' B - X: 574697.93' / Y: 424333.75' C - X: 574701.96' / Y: 418989.44' D - X: 572023.03' / Y: 419016.96'</p>		<p>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 released 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.</p> <p>Signature: <i>Adrian Covarrubias</i> Date: 8/19/2019 Printed Name: Adrian Covarrubias E-mail Address:</p> <p>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.</p> <p>Date of Survey: <i>8/19/2019</i> Signature and Seal of Professional Surveyor: <i>[Signature]</i> CONSTRUCTION IS NOT TO BE USED FOR RECORDATION, SALE OR THE BASIS FOR THE ISSUANCE OF A PERMIT.</p> <p>Certificate Number:</p>
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DISTANCES/AREAS RELATIVE TO NAD83 COMBINED SCALE FACTOR: 0.999915284
CONVERGENCE: 0.1265074556'; NOTE: ALL DIMENSIONS IN U.S. FEET

1	06/07/2019	DEF
REV.	DATE	BY

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Intent ☐ As Drilled ☒

DISTRICT//ARTESIAO.C.D.

API # 30-015-45347		
Operator Name: Marathon Oil Permian LLC	Property Name: Rick Deckard State 25 28 4 WXY	Well Number 6H

Kick Off Point (KOP)

UL C	Section 4	Township 25S	Range 28E	Lot	Feet 166	From N/S N	Feet 474	From E/W W	County Eddy
Latitude 32.16605695					Longitude -104.09949051			NAD 83	

First Take Point (FTP)

UL C	Section 4	Township 25S	Range 28E	Lot	Feet 330	From N/S N	Feet 418	From E/W W	County Eddy
Latitude 32.16560546					Longitude -104.09967332			NAD 83	

Last Take Point (LTP)

UL M	Section 4	Township 25S	Range 28E	Lot	Feet 330	From N/S S	Feet 330	From E/W W	County EDDY
Latitude 32.15279870					Longitude -104.10006181			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

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AUG 21 2019

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. DISTRICT I ARTESIA O.C.D. 30-015-45347 2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN 3. State Oil & Gas Lease No.
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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 RICK DECKARD 4 WXY STATE 6. Well Number: 6H								
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		9. OGRID 372098								
8. Name of Operator Marathon Oil Permian LLC		11. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)								
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	1652	W	EDDY
BH:	M	4	25S	28E		285	S	321	W	EDDY
13. Date Spudded 4/3/2019	14. Date T.D. Reached 4/27/2019	15. Date Rig Released 5/4/2019		16. Date Completed (Ready to Produce) 7/13/2019		17. Elevations (DF and RKB, RT, GR, etc.) 2999' GL				
18. Total Measured Depth of Well 14257' / 9443' 9417'		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 9610' - 14165'; WOLFCAMP										

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	458'	17 1/2"	615 C	
9 5/8"	36 / J55	2500'	12 1/4"	770 C	
5 1/2"	20 / P110	14251'	8 3/4"	2930 C	

24. LINER RECORD				25. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET

26. Perforation record (interval, size, and number) 9610' - 14165'; 0.36", 552 shots		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		9610' - 14165'	11,474,787 lbs - 40/70; 100 Mesh
			7,119 gal - 15% HCl Acid

28. 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 62	Prod'n For Test Period	Oil - Bbl 1612	Gas - MCF 3463	Water - Bbl. 2931	Gas - Oil Ratio
Flow Tubing Press. 0	Casing Pressure 1075	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
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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:
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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	Title	Date	
	Adrian Covarrubias	CTR - Technician HES	8/19/2019	
E-mail Address acovarrubias@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

Rick Deckard 4 WXY State 6H

Surface	0
Salado	626
Castile	822
Base Salt	2373
Lamar	2473
Delaware Sands (Bell Canyon)	2504
Cherry Canyon	3329
Brushy Canyon	4511
Bone Spring	6118
Wolfcamp	9326