Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVEI)
OMB No. 1004-013	7
Expires: October 31, 2	021

BUR	EAU OF LAND MANAGEMEN	5. Lease Serial No.			
Do not use this t	IOTICES AND REPORTS ON form for proposals to drill or Use Form 3160-3 (APD) for su	6. If Indian, Allottee or	Tribe Name		
SUBMIT IN	TRIPLICATE - Other instructions on pa	age 2		7. If Unit of CA/Agree	ment, Name and/or No.
1. Type of Well				8. Well Name and No.	
Oil Well Gas W	Vell Other				
2. Name of Operator				9. API Well No.	
3a. Address	3b. Phone No	o. (include area cod	de)	10. Field and Pool or E	xploratory Area
4. Location of Well (Footage, Sec., T., K	.,M., or Survey Description)			11. Country or Parish,	State
12. CHE	CK THE APPROPRIATE BOX(ES) TO II	NDICATE NATUR	E OF NOTI	CE, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION		TY	YPE OF ACT	ΓΙΟΝ	
Notice of Intent		epen	Prod	uction (Start/Resume)	Water Shut-Off
		draulic Fracturing	=	amation	Well Integrity
Subsequent Report		w Construction g and Abandon		mplete porarily Abandon	Other
Final Abandonment Notice		ig and Abandon ig Back		r Disposal	
14. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed)				
		Title			
Signature		Date			
	THE SPACE FOR FEI	DERAL OR S	TATE OF	ICE USE	
Approved by					
		Title			Pate Pate
	hed. Approval of this notice does not warra equitable title to those rights in the subject iduct operations thereon.	ant or			
Title 18 U.S.C Section 1001 and Title 4	3 U.S.C Section 1212, make it a crime for	any person knowin	gly and will	fully to make to any dep	partment or agency of the United States

any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

(Form 3160-5, page 2)

Additional Information

Location of Well

0. SHL: SESW / 448 FSL / 1479 FWL / TWSP: 26S / RANGE: 34E / SECTION: 1 / LAT: 32.0663942 / LONG: -103.4274059 (TVD: 0 feet, MD: 0 feet)
PPP: SWSW / 150 FSL / 330 FWL / TWSP: 26S / RANGE: 34E / SECTION: 1 / LAT: 32.0655837 / LONG: -103.4311137 (TVD: 12022 feet, MD: 12162 feet)
PPP: SWSW / 0 FSL / 330 FWL / TWSP: 25S / RANGE: 34E / SECTION: 36 / LAT: 32.079703 / LONG: -103.4311241 (TVD: 12453 feet, MD: 17525 feet)
BHL: NWNW / 150 FNL / 330 FWL / TWSP: 25S / RANGE: 34E / SECTION: 36 / LAT: 32.0937741 / LONG: -103.4311294 (TVD: 12408 feet, MD: 22644 feet)

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

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u>

1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 <u>District IV</u> 1220 S. St. Francis Dr. Santa Fe. NM 87505

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

Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

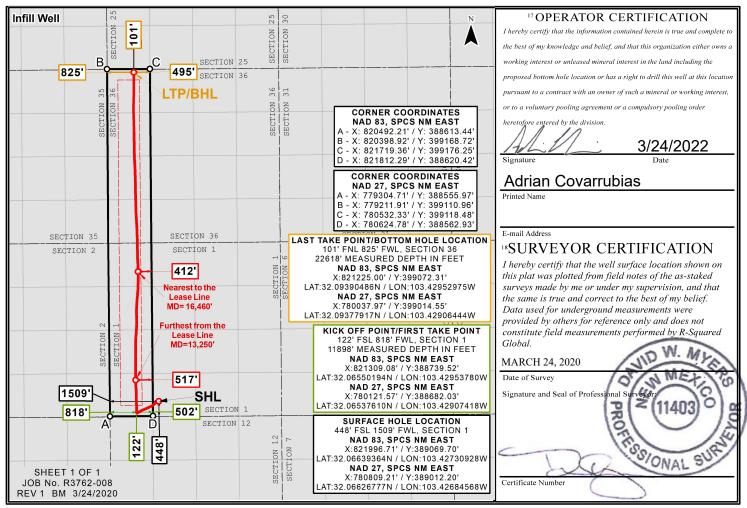
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Numbe	per ² Pool Code		³ Pool Name		
30-025-46	127	96661 Hardin Tank; Bone Spring		oring	
⁴ Property Code 325751			roperty Name 1 TB FED COM	⁶ Well Number $1 { m H}$	
⁷ OGRID No. 372098		- 1	perator Name OIL PERMIAN LLC	⁹ Elevation 3281'	

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
N	1	26S	34E		448	SOUTH	1509	WEST	LEA
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	36	25S	34E		101	NORTH	825	WEST	LEA
12 Dedicated Acres	13 Joint or	Infill 14 C	Consolidation (Code 15 Or	der No.				
320.0									

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.



Distances/areas relative to NAD 83 Combined Scale Factor: 0.99985482 Convergence Angle: 00°29'26.29720"

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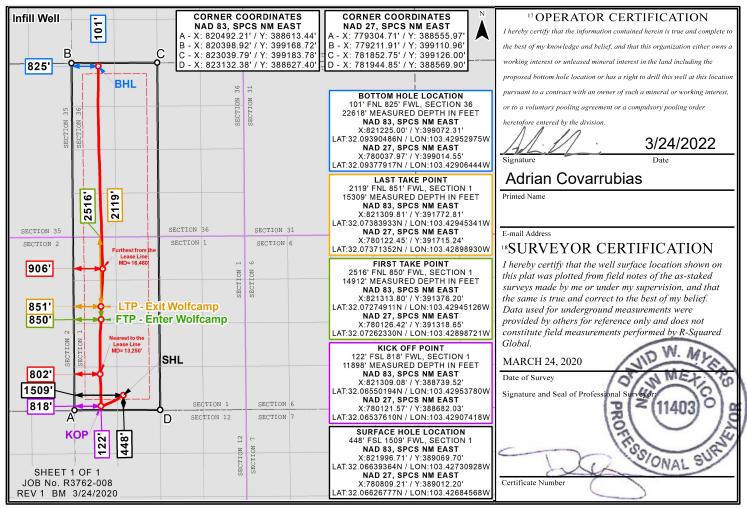
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Numbe		² Pool Code	³ Pool Name		
30-025-461	5127 96658 Hardin Tank; Wolfca		mp		
⁴ Property Code			operty Name 1 TB FED COM	⁶ Well Number	
325751		1H			
⁷ OGRID No. 372098			oerator Name OIL PERMIAN LLC	⁹ Elevation 3281'	

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
N	1	26S	34E		448	SOUTH	1509	WEST	LEA
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	36	25S	34E		101	NORTH	825	WEST	LEA
¹² Dedicated Acres	13 Joint or	Infill 14	Consolidation	Code 15 Or	der No.		-		
640.0									

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.



Distances/areas relative to NAD 83 Combined Scale Factor: 0.99985482 Convergence Angle: 00°29'26.29720"



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Print Reports

County or Parish/State: LEA /

Well Name: MAMMOTH 1 TB FED Well Location: T26S / R34E / SEC 1 /

COM SESW / 32.0663942 / -103.4274059

Well Number: 1H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM113970 Unit or CA Name: Unit or CA Number:

US Well Number: 3002546127 Well Status: Drilling Well Operator: MARATHON OIL

PERMIAN LLC

Notice of Intent

Sundry ID: 2670758

Type of Submission: Notice of Intent

Type of Action: Commingling (Subsurface)

Date Sundry Submitted: 05/09/2022 Time Sundry Submitted: 01:05

Date proposed operation will begin: 04/18/2022

Procedure Description: Marathon Oil Permian LLC has submitted the attached application with the NMOCD to downhole commingle the Harding Tank; Bone Spring, and Harding Tank; Wolfcamp Pools. Please see attached.

NOI Attachments

Procedure Description

NMOCD_Submittal_Package____Mammoth_1H_DHC_20220509130525.pdf

Page 1 of 2

well Name: MAMMOTH 157374AM

COM

Well Location: T26S / R34E / SEC 1 / SESW / 32.0663942 / -103.4274059

County or Parish/State: LEA

NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM113970

MNM113970 Unit or CA Name:

Unit or CA Number:

US Well Number: 3002546127

Well Status: Drilling Well

Operator: MARATHON OIL

PERMIAN LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: ADRIAN COVARRUBIAS Signed on: MAY 09, 2022 01:05 PM

Name: MARATHON OIL PERMIAN LLC

Title: regulatory Compliance Representative

Street Address: 990 TOWN & COUNTRY BLVD

City: HOUSTON State: TX

Phone: (713) 296-3368

Email address: acovarrubias@marathonoil.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: Jonathon W Shepard

Disposition: Accepted

Signature: Jonathon Shepard

BLM POC Phone: 5752345972

BLM POC Title: Petroleum Engineer

BLM POC Email Address: jshepard@blm.gov

Disposition Date: 06/02/2022

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION FOR DOWNHOLE COMMINGLING SUBMITTED BY MARATHON OIL PERMIAN, LLC

ORDER NO. DHC-5217

ORDER

The Director of the New Mexico Oil Conservation Division ("OCD"), having considered the application and the recommendation of the Engineering Bureau, issues the following Order.

FINDINGS OF FACT

- 1. Marathon Oil Permian, LLC ("Applicant") submitted a complete application ("Application") to downhole commingle the pools described in Exhibit A ("the Pools") within the well bore of the well identified in Exhibit A ("the Well").
- 2. Applicant proposed a method to allocate the oil and gas production from the Well to each of the Pools that is satisfactory to the OCD and protective of correlative rights.
- 3. Applicant has certified that all produced fluids from all the Pools are compatible with each other.
- 4. Applicant has certified that downhole commingling the Pools will not decrease the value of the oil and gas production.
- 5. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that ownership in the Pools is identical as defined by 19.15.12.7(B) NMAC.
- 6. To the extent that ownership is diverse, Applicant identified all owners of interest in the Pools, provided evidence a copy of the Application was given to each person, and those persons either submitted a written waiver or did not file an objection to the Application.
- 7. Applicant provided notice of the Application to the Bureau of Land Management ("BLM") or New Mexico State Land Office ("NMSLO"), as applicable.

CONCLUSIONS OF LAW

- 8. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-6, 70-2-11, 70-2-12, 70-2-16, 70-2-17, and 19.15.12 NMAC.
- 9. The downhole commingling of the Pools is common, or Applicant has provided evidence that the fluids are compatible and will not damage the Pools in accordance with 19.15.12.11(A)(1) NMAC.
- 10. The bottom perforation of the lower zone is within one hundred fifty percent (150%) of the depth of the top perforation in the upper zone or Applicant has provided evidence that the

Order No. DHC-5217 Page 1 of 3

- proposed commingling of the Pools shall not result in shut-in or flowing well bore pressure in excess of the commingled pool's fracture parting pressure in accordance with 19.15.12.11(A)(3) NMAC.
- 11. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.11(A)(8) NMAC.
- 12. To the extent that ownership is diverse, Applicant identified all owners of interest in the Pools and provided evidence the application was given to those persons in accordance with 19.15.12.11(C)(1)(b) NMAC.
- 13. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

ORDER

- 1. Applicant is authorized to downhole commingle the Pools described in Exhibit A within the well bore of the well identified in Exhibit A.
- 2. Applicant shall allocate a fixed percentage of the oil and gas production from the Well to each of the Pools as described in Exhibit A.
- 3. If an alteration is made to the Well or a condition within the Well changes which may cause the allocation of production to the Pools as approved within this Order to become inaccurate, then no later than sixty (60) days after that event, Applicant shall submit Form C-103 to the OCD Engineering Bureau describing the event and include a revised allocation plan. If OCD denies the revised allocation plan, this Order shall terminate on the date of such action.
- 4. If any of the pools being commingled is prorated, or the Well's production has been restricted by an OCD order in any manner, the allocated production from each producing pool in the commingled well bore shall not exceed the top oil or gas allowable rate for a well in that pool or rate restriction applicable to the well.
- 5. If the Well is deepened, then no later than forty-five (45) days after the Well is deepened, Applicant shall conduct and provide logs to OCD that are sufficient for OCD to determine which pool(s) each new completed interval of the Well will produce from.
- 6. If the downhole commingling of the Pools reduces the value of the oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new downhole commingling application to OCD to amend this Order to remove the pool that caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
- 7. If a completed interval of the Well is altered from what is submitted within the Application as identified in Exhibit A, then no later than sixty (60) days after the alteration, Applicant shall submit Form C-103 to the OCD Engineering Bureau detailing the alteration and completed interval.

Order No. DHC-5217 Page 2 of 3

- 8. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
- 9. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

DATE: 6/03/2022

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

ADRIENNE E. SANDOVAL DIRECTOR

Order No. DHC-5217 Page 3 of 3

State of New Mexico Energy, Minerals and Natural Resources Department

Exhibit A

Order: DHC-5217

Operator: Marathon Oil Permian, LLC (372098)
Well Name: Mammoth 1 TB Federal Com #1H

Well API: 30-025-46127

Pool Name: HARDIN TANK;BONE SPRING

Upper Zone
Pool ID: 96661 Current: New: X
Allocation: Fixed Percent Oil: 97% Gas: 97%
Interval: Perforations Top: 12,166 Bottom: 14,912
Interval: Perforations Top: 15,309 Bottom: 22,618

Pool Name:

Intermediate Zone Pool ID: Current: New: Allocation: Oil: Gas:

Interval: Top: Bottom:

Bottom of Interval within 150% of Upper Zone's Top of Interval:

Pool Name: HARDIN TANK; WOLFCAMP

Lower Zone Pool ID: 96658 Current: New: X
Allocation: Fixed Percent Oil: 3% Gas: 3%

Interval: Perforations Top: 14,912 Bottom: 15,309

Bottom of Interval within 150% of Upper Zone's Top of Interval: YES

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 253013

CONDITIONS

Operator:	OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	253013
	Action Type:
	[C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By		Condition Date
pkautz	None	8/17/2023