API NUMBER: 051 25043

OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION P.O. BOX 52000 OKLAHOMA CITY, OK 73152-2000 (Rule 165:10-3-1)

Approval Date: 07/18/2023

Expiration Date: 01/18/2025

Multi Unit Oil & Gas

## **PERMIT TO DRILL**

WELL LOCATION	N: Section:	36	Townsh	ip: 7N	Rang	ge: 6W	County:	GRADY	′							
SPOT LOCATION	I: SE NE	SE	SW	F	EET FROM QUART	ER: FROM	SOUTH	FROM	WEST							
					SECTION LIN	ES:	734		2637							
Lease Name:	HATFIELD R	ANCH 06	06			Well No	: 3-1-12W)	хн		Well wil	ll be	734	feet from	nearest unit	or lease	e boundary.
Operator Name:	MARATHON	OIL COM	PANY			Telephone	: 71329634	180					OTO	C/OCC Num	her:	1363 0
						тетернопе	. 7132303-						010	7000 Huili		1000 0
MARATHON OIL COMPANY							$     _{v}$	VHEELER F	FAMILY FARM	MS, L	LC					
						11	WILL WHEELER, MANAGER									
LIGUIOTON	TV 77004 0047							1 1								
HOUSTON, TX 77024-2217						613 COUNTY ROAD 135										
							CHICKASHA	4			OK	73018				
								J L								
Formation(s)	(Permit Va	alid for I	isted F	ormati	ons Only)											
. ,	(1 0111111 7 0							1								
Name			Co			Depth										
1 WOODFO			319	9WDFD		12805										
Spacing Orders:	Eocation Exception Order				ption Order	rs: 73	35154			Inc	reased Der	nsity Orders:	73514	19		
	584195 735081														73515	51
	733001				_											
Pending CD Numbers: No Pending Working interest owners' notified: DNA Special Orders: No								Special								
Total Depth: 23500 Ground Elevation: 1189 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 470									470							
·													oon curf	aco cacino	, bac b	oon approved
								L					eep sun	ace casing	illas u	een approved
Under Federal Jurisdiction: No							Approved Method for disposal of Drilling Fluids:									
Fresh Water Supply Well Drilled: No								D.	D. One time land application (REQUIRES PERMIT) PERMIT NO: 23-38981						23-38981	
Surface Water used to Drill: Yes						H.	H. (Other) SEE MEMO									
DIT 4 INITO										( P) (						
PIT 1 INFORMATION  Type of Pit System: CLOSED Closed System Means Steel Pits								Category of Pit: C Liner not required for Category: C								
Type of Mud System: WATER BASED								-	Pit Location is: NON HSA							
Chlorides Max: 5000 Average: 3000							Pit Location Formation: CHICKASHA									
	to top of ground w		ter than 10	Oft below	base of pit?	Υ										
	1 mile of municipa				·											
Wellhead Protection Area? N																
Pit <u>is not</u>	located in a Hydr	ologically	Sensitive	Area.												
PIT 2 INFORMATION							Category of Pit: C									
Type of Pit System: CLOSED Closed System Means Steel Pits						L	Liner not required for Category: C									
Type of Mud System: OIL BASED								Pit Location is: NON HSA								
Chlorides Max: 300000 Average: 200000							Pit Location	Formation: CH	HICKAS	SHA						
Is depth to top of ground water greater than 10ft below base of pit? Y																
Within	1 mile of municipa	I water we	ell? N													
	Wellhead Prot	ection Are	ea? N													
	located in a Hydr															

**MULTI UNIT HOLE 1** 

Section: 12 Township: 6N Range: 6W Meridian: IM Total Length: 10869

County: GRADY Measured Total Depth: 23500

Spot Location of End Point: SW SE SW SE True Vertical Depth: 13110

Feet From: SOUTH 1/4 Section Line: 165 End Point Location from
Feet From: EAST 1/4 Section Line: 1683 Lease,Unit, or Property Line: 165

## NOTES:

NOTES:						
Category	Description					
DEEP SURFACE CASING	[7/17/2023 - GE7] - APPROVED; (1) NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING. (2) SUBSEQUENT WELLS ON SAME PAD WILL NOT BE ALLOWED DEEP SURFACE CASING IN THE EVENT OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING.					
HYDRAULIC FRACTURING	[7/17/2023 - GE7] - OCC 165:10-3-10 REQUIRES:					
	1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;					
	2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; AND,					
	3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG					
INCREASED DENSITY - 735149	[7/18/2023 - G56] - 1-6N-6W X585945 WDFD 4 WELLS MARATHON OIL CO 6/19/2023					
INCREASED DENSITY - 735151	[7/18/2023 - G56] - 12-6N-6W X584195 WDFD 4 WELLS MARATHON OIL CO 6/19/2023					
LOCATION EXCEPTION - 735154	[7/18/2023 - G56] - (I.O.) 1 & 12-6N-6W X585945 WDFD 1-6N-6W X584195 WDFD 12-6N-6W COMPL INT (1-6N-6W) NCT 150' FNL, NCT 0' FSL, NCT 1320' FEL COMPL INT (12-6N-6W) NCT 0' FNL, NCT 150' FSL, NCT 1320' FEL MARATHON OIL CO 6/15/2023					
MEMO	[7/17/2023 - GE7] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT					
SPACING - 584195	[7/18/2023 - G56] - (640) 12-6N-6W EST OTHERS EXT 581320 WDFD					
SPACING - 585945	[7/18/2023 - G56] - (640) 1-6N-6W EXT 584195 WDFD					
SPACING - 735081	[7/18/2023 - G56] - (I.O.) 1 & 12-6N-6W EST MULTIUNIT HORIZONTAL WELL X585945 WDFD 1-6N-6W X584195 WDFD 12-6N-6W 50% 1-6N-6W 50% 12-6N-6W MARATHON OIL CO 6/15/2023					