API NUMBER: 051 24865

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

Approval Date:	09/28/2021	
Expiration Date:	03/28/2023	

Multi Unit Oil & Gas

## **PERMIT TO DRILL**

WELL LOCATION:	Section:	35	Township:	: 5N	Range:	6W	County:	GRAD	Υ							
SPOT LOCATION:	SE SE	SE	NE	FEET FR	ROM QUARTER:	FROM	NORTH	FRO	M EAST							
				S	SECTION LINES:		2568		327							
Lease Name:	LEMIEUX 050	6 BIA				Well No:	2-26-23V	ИХН		Well w	ill be	327	feet fron	n nearest un	it or lease	boundary.
Operator Name:	MARATHON	OIL COMP.	ANY		Τe	elephone:	8666622	378					ОТ	C/OCC Nui	mber:	1363 0
MARATHON	OIL COMPA	NY							BRANDON TY	E. LLC						
5555 SAN FE	ELIPE ST								P.O. BOX 547							
HOUSTON,			TX	77056	-2701				ALEX				OK	73002		
													•	70002		
<b>-</b> ( )	(5)				0.1.											
Formation(s)	(Permit Va	lid for Li						,								
Name			Code			Depth										
1 MISSISSIPI				//SSP		14182										
2 WOODFOR			3190	VDFD		14532										
Spacing Orders:	447764 655989				Locat	ion Excep	otion Order	rs: N	No Exception	ns		Inc	reased De	nsity Orders	No I	Density
	466477															
	656282															
Pending CD Numb	pers: 2021016	73				orkina int	erest owne	ers' no	tified: ***		,		Sp	ecial Orders:	No S	Special
r origing OD rearing	2021016				•••	onang ini	orost own	010 110	illiou.							•
	2021016															
	2021016	69														
Total Depth: 2	25207	Ground E	levation:	1058	Su	ırface (	Casing:	150	0	ı	Depth to I	base o	f Treatable	e Water-Bear	ing FM:	330
												D	eep sur	ace casir	g has b	een approved
Under	r Federal Jurisdic	tion: No						1	approved Method for	or disposal of	of Drilling	g Fluic	ls:			
Fresh Water Supply Well Drilled: No							D. One time land application (REQUIRES PERMIT) PERMIT NO: 21-37802									
								[	). One time land app	plication (R	EQUIRES	S PER	MIT)	PE	RMIT NO:	21-37802
	er Supply Well Dri ce Water used to								D. One time land app	plication (R		S PER EE ME		PE	RMIT NO:	21-37802

**PIT 1 INFORMATION** 

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit <u>is</u> located in a Hydrologically Sensitive Area.

Pit Location Formation: ALLUVIUM

Liner not required for Category: C

Category of Pit: C

Pit Location is: ALLUVIAL

Category of Pit: C

Liner not required for Category: C

Pit Location is: ALLUVIAL

End Point Location from

Pit Location Formation: ALLUVIUM

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit?  $\,\,$  Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

MULTI UNIT HOLE 1

Section: 23 Township: 5N Range: 6W Meridian: IM Total Length: 7389

County: GRADY Measured Total Depth: 25207

Spot Location of End Point: NE NW NW SE True Vertical Depth: 15001

Feet From: **SOUTH** 1/4 Section Line: 2450

Feet From: **EAST** 1/4 Section Line: 2014 Lease, Unit, or Property Line: 2014

NOTES:

Description Category [9/20/2021 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF DEEP SURFACE CASING CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING HYDRAULIC FRACTURING [9/20/2021 - GC2] - 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 LÉAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; 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 [9/20/2021 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - EAST ROARING CREEK AND MEMO ROARING CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT PENDING CD - 202101667 [9/27/2021 - GB6] - (I.O.) 23-5N-6W X447764 WDFD 3 WELLS NO OPER. NAMED REC. 09/13/2021 (MILLER) PENDING CD - 202101669 [9/27/2021 - GB6] - (I.O.) 26-5N-6W X466477 WDFD 3 WELLS NO OPER. NAMED 09/13/2021 (MILLER)

PENDING CD – 202101672	[9/27/2021 - GB6] - (I.O.) 23 & 26 -5N-6W EST MULTIUNIT HORIZONTAL WELL X655989 MSSP 23-5N-6W X447764 WDFD 23-5N-6W X656282 MSSP 26-5N-6W X466477 WDFD 26-5N-6W (MSSP ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 33% 23-5N-6W 67% 26-5N-6W NO OPER. NAMED REC. 09/13/2021 (MILLER)
PENDING CD – 202101673	[9/27/2021 - GB6] - (I.O.) 23 & 26 -5N-6W X655989 MSSP 23-5N-6W X447764 WDFD 23-5N-6W X656282 MSSP 26-5N-6W X466477 WDFD 26-5N-6W COMPL. INT. (26-5N-6W) NCT 165' FSL, NCT 0' FNL, NCT 1320' FEL COMPL. INT. (23-5N-6W) NCT 0' FSL, NCT 660' FNL, NCT 1320' FEL NO OPER. NAMED REC. 09/13/2021 (MILLER)
SPACING – 447764	[9/27/2021 - GB6] - (640) 23-5N-6W VAC OTHERS EXT WDFD, OTHERS
SPACING – 466477	[9/27/2021 - GB6] - (640) 26-5N-6W VAC OTHER EXT OTHER EXT 421185 WDFD, OTHERS
SPACING – 655989	[9/27/2021 - GB6] - (640)(HOR) 23-5N-6W VAC 632975 SCMR 23-5N-6W EST MSSP COMPL. INT. NCT 660' FB (COEXIST SP. ORDER# 379616 SCMR)
SPACING – 656282	[9/27/2021 - GB6] - (640)(HOR) 26-5N-6W EST MSSP COMP. INT. NCT 660' FB (COEXIST SP. ORDER# 112036 SCMR)
WATERSHED STRUCTURE	[9/20/2021 - GC2] - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 224-0523 PRIOR TO DRILLING

