API NUMBER: 017 25799

Oil & Gas

Horizontal Hole

OKLAHOMA CITY.

**HORIZONTAL HOLE 1** 

99 Ok

73112-5468

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

Approval Date: 04/08/2022

Expiration Date: 10/08/2023

## **PERMIT TO DRILL**

WELL LOCATION:	Section:	31	Township:	14N	Range:	5W	County:	CANA	ADIAN					
SPOT LOCATION:	SW SW	NE	NW	1	FROM QUARTER		NORTH	FRO		VEST				
					SECTION LINES:		1014		1	521				
Lease Name:	RIVIERA 1405					Well No:	6-31MH				Well will b	e 1014	feet from nearest unit or leas	e boundary.
Operator Name:	RED BLUFF RI	ESOURC	ES OPERA	TING LI	LC T	elephone:	4054317	275					OTC/OCC Number:	23828 0
RED BLUFF I	RESOURCES	SOPE	RATING	LLC				] [	MOF	FAT FARMS	LIMITED	PART	NERSHIP	
3030 NW EXPRESSWAY STE 900								5221 MOFFAT ROAD NW						

OK

MOFFAT FARMS LIMITED PARTNERSHIP
5221 MOFFAT ROAD NW
PIEDMONT OK 73078

Formation(s) (Permit Valid for Listed Formations Only): Name Code Depth MISSISSIPPIAN (LESS CHESTER) 359MSNLC 7632 Spacing Orders: 654577 Location Exception Orders: 723156 Increased Density Orders: 723155 Special Orders: No Special Pending CD Numbers: Working interest owners' notified: No Pending Depth to base of Treatable Water-Bearing FM: 1000 Total Depth: 13793 Ground Elevation: 1265 Surface Casing: 1070 Under Federal Jurisdiction: No Approved Method for disposal of Drilling Fluids: PERMIT NO: 22-38225

Under Federal Jurisdiction: No Approved Method for disposal of Drilling Fluids:

Fresh Water Supply Well Drilled: No D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 22-38225

H. (Other) CLOSED SYSTEM=STEEL PITS (REQUIRED - BODY OF WATER)

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.

Total Length: 4953 Section: 31 Township: 14N Range: 5W Meridian: IM County: CANADIAN Measured Total Depth: 13793 Spot Location of End Point: SE SW SF True Vertical Depth: 7823 Feet From: SOUTH 1/4 Section Line: 165 End Point Location from Lease, Unit, or Property Line: 165 Feet From: EAST 1/4 Section Line: 1325

NOTES:

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description						
HYDRAULIC FRACTURING	[4/6/2022 - 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 LEAST 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						
INCREASED DENSITY - 723155	[4/7/2022 - G56] - (I.O.) 31-14N-5W X654577 MSNLC 1 WELL NO OP NAMED 1/31/2022						
LOCATION EXCEPTION - 723156	[4/7/2022 - G56] - (I.O.) 31-14N-5W X654577 MSNLC COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FEL RED BLUFF RESOURCES OP LLC 1/31/2022						
SPACING - 654577	[4/7/2022 - G56] - (640)(HOR) 31-14N-5W EXT OTHERS VAC 176472 MISS, OTHERS VAC 182916 MISS, OTHERS EST MSNLC, OTHERS POE TO BHL NLT 660' FB						

## Sec. 31-14N-5W I.M. Well Location Plat Operator: RED BLUFF RESOURCES Lease Name and No.: RIVIERA 1405 6-31MH Surface Hole Location: 1014' FNL - 1521' FWL Gr. Elevation: 1265' SW/4-SW/4-NE/4-NW/4 Section: 31 Township: 14N Range: 5W I.M. Bottom Hole Location: 165' FSL - 1325' FEL SE/4-SE/4-SW/4-SE/4 Section: 31 Township: 14N Range: 5W I.M. State of Oklahoma County: Canadian Terrain at Loc.: Location fell on top of hill in grassland with minimal trees. All bearings shown are grid bearings. 1" = 1000' X:2065292 X:2070523 **GPS DATUM** Y:237687 Y:237688 NAD 27 2633' OK NORTH ZONE 2598 Surface Hole Loc.: "NW 178TH RD Lat: 35°38'59.91"N N70°26'E SURFACE HOLE LOC. Lon: 97°46'30.51"W 1014' FNL - 1521' FWL Lat: 35.64997452 2535 Lon: -97.77514092 X: 2066809 FIRST TAKE POINT. Y: 236674 165' FNL - 1325' FEL LOT 1 First Take Point: 2651 Lat: 35°39'08.25"N Lon: 97°46'01.54"W Lat: 35.65229220 Lon: -97.76709472 X: 2069198 LOT 2 Y: 237523 Bottom Hole Loc .: Lat: 35°38'19.26"N Lon: 97°46'01.62"W 31 Lat: 35.63868420 S00°04'E-4953' Lon: -97.76711758 X: 2069203 Y: 232570 LOT 2651 BOTTOM HOLE LOC. LOT 4 165' FSL - 1325' FEL "W WASHINGTON AVE. T14N - R5W T13N - R5W 2636' 2620' X:2067893 X:2070528 X:2065273 Y:232414 Y:232385 Y:232396 WILL SSIONAL Survey and plat by: Certification: Arkoma Surveying and Mapping, PLLC CENSED LANCE G. This is to certify that this Well Location Plat represents SURVEYOR P.O. Box 238 Wilburton, OK 74578 the results of a survey made on the ground performed **MATHIS** Ph. 918-465-5711 Fax 918-465-5030 under the supervision of the undersigned. Certificate of Authorization No. 5348 1664 Expires June 30, 2022 Invoice #9923-B <sub>ഗഗഗഗ</sub> TLAHOMA Date Staked: 03/10/2022 By: G.G. 03/17/2022

**OK LPLS 1664** 

Date Drawn: 03/15/2022 By: J.L. Added Bore Path: 03/17/2022 By

By: J.L.