API NUMBER: 015 23338

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

Approval Date:	05/05/2023
Expiration Date:	11/05/2024

Multi Unit Oil & Gas

PERMIT TO DRILL

SECTION LINES: 418 877 873	Lease Name: ALAMEDA 1112 Well No: 1-8-5XHR Operator Name: BLAKE PRODUCTION COMPANY INC BLAKE PRODUCTION COMPANY INC 1601 NW EXPRESSWAY STE 777 OKLAHOMA CITY, OK 73118-1446 Formation(s) (Permit Valid for Listed Formations Only): Name Code Depth MARCHAND 405MRCD 9850 Spacing Orders: 733507 T33508 T34005 Pending CD Numbers: No Pending Total Depth: 19900 Ground Elevation: 0 Surface Casing: 425 Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes PIT 1 INFORMATION Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Mud System: WATER BASED Pit Is located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: CLOSED Closed System Means Steel Pits Liner in Type of Pit System: Close Delated Type System Means Steel Pits Liner in Type o	г
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Pit <u>is</u> located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Category of Pit: C	Pit <u>is</u> located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: OIL BASED	Category of Pit: C required for Category: C Pit Location is: BED AQUIFER
PIT 2 INFORMATION Category of Pit: C	PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: OIL BASED	Category of Pit: C required for Category: C Pit Location is: BED AQUIFER
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		Category of Pit: C required for Category: C Pit Location is: BED AQUIFER cation Formation: RUSH SPRINGS
Type of Mud System: OIL BASED Pit Location is: BED AQUIFER	Chlorides Max: 300000 Average: 200000 Pit	Category of Pit: C Pit Location is: BED AQUIFER Category of Pit: C Pit Location is: RUSH SPRINGS
Chlorides Max: 300000 Average: 200000 Pit Location Formation: RUSH SPRINGS		Category of Pit: C Pit Location is: BED AQUIFER Category of Pit: C
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Within 1 mile of municipal water well? N	Within 1 mile of municipal water well? N	Category of Pit: C Pit Location is: BED AQUIFER Category of Pit: C Category of Pit: C Pit Location is: BED AQUIFER Category of Pit: C Category of Pit: C Category of Pit: C Pit Location is: BED AQUIFER Category of Pit: C
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MULTI UNIT HOLE 1

Section: 5 Township: 11N Range: 12W Meridian: IM Total Length: 9300

County: CADDO Measured Total Depth: 19500

Spot Location of End Point: E2 NE NW NE True Vertical Depth: 9850

Feet From: NORTH 1/4 Section Line: 330 End Point Location from
Feet From: EAST 1/4 Section Line: 1500 Lease,Unit, or Property Line: 330

NOTES:

NOTES:		
Category	Description	
HYDRAULIC FRACTURING	[3/28/2023 - 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 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	
LOCATION EXCEPTION - 734006 (2023- 000592)	[5/9/2023 - GC2] - (I.O.) 8 & 5-11N-12W X733507 MRCD 8-11N-12W X733508 MRCD 5-11N-12W COMPL. INT. (8-11N-12W) NCT 330' FSL, NCT 0' FNL, NCT 1320' FEL COMPL. INT. (5-11N-12W) NCT 0' FSL, NCT 330' FNL, NCT 1320' FE; NO OP NAMED 5/2/2023	
МЕМО	[3/28/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT	
SPACING - 733507	[5/5/2023 - GC2] - (640)(HOR) 8-11N-12W EST MRCD COMPL. INT. NLT 660' FB (COEXIST SPACING ORDER # 110250)	
SPACING - 733508	[5/5/2023 - GC2] - (640)(HOR) 5-11N-12W EST MRCD COMPL. INT. NLT 660' FB (COEXIST SPACING ORDER # 110250)	
SPACING - 734005 (2023-000591)	[5/9/2023 - GC2] - (I.O.) 8 & 5-11N-12W EST MULTIUNIT HORIZONTAL WELL X733507 MRCD 8-11N-12W X733508 MRCD 5-11N-12W 52% 8-11N-12W 48% 5-11N-12W NO OP NAMED 5/2/2023	