

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

API NUMBER: 051 24989 A

Approval Date: 12/02/2022  
Expiration Date: 06/02/2024

Horizontal Hole Oil & Gas

Amend reason: UPDATE ORDERS, WELL NAME, TD & BHL

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 20 Township: 6N Range: 6W County: GRADY

SPOT LOCATION:  NW  NE  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 275 930

Lease Name: LEONA FAYE Well No: 1-20HS Well will be 275 feet from nearest unit or lease boundary.  
Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349700; 4052349000; OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC  
PO BOX 268870  
OKLAHOMA CITY, OK 73126-8870

MACK PROPERTIES LIMITED PARTNERSHIP C/O ALICE MUSSER  
2248 LANE WAY DRIVE  
OKLAHOMA CITY OK 73159

Formation(s) (Permit Valid for Listed Formations Only):

Name	Code	Depth
1 MORROW	402MRRW	13090
2 SPRINGER	401SPRG	13310

Spacing Orders: 116468 Location Exception Orders: 732797 Increased Density Orders: No Density

Pending CD Numbers: No Pending Working interest owners' notified: DNA Special Orders: No Special

Total Depth: 17888 Ground Elevation: 1058 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 520

Deep surface casing has been approved

**Approved Method for disposal of Drilling Fluids:**

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 22-38718

H. (Other) SEE MEMO

**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 is located in a Hydrologically Sensitive Area.

**Category of Pit:** C  
**Liner not required for Category:** C  
**Pit Location is:** ALLUVIAL  
**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.

**Category of Pit:** C  
**Liner not required for Category:** C  
**Pit Location is:** ALLUVIAL  
**Pit Location Formation:** ALLUVIUM

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.

HORIZONTAL HOLE 1					
Section: 20	Township: 6N	Range: 6W	Meridian: IM	Total Length: 3659	
	County: GRADY			Measured Total Depth: 17888	
Spot Location of End Point: SW	SW	NE	SW	True Vertical Depth: 15000	
Feet From: <b>SOUTH</b>		1/4 Section Line: 1352		End Point Location from	
Feet From: <b>WEST</b>		1/4 Section Line: 1575		Lease,Unit, or Property Line: 1352	

NOTES:	
Category	Description
DEEP SURFACE CASING	[11/23/2022 - GC2] - 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	[11/23/2022 - 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 FRACTURING OPERATIONS. FORM 6000NH SHALL BE FOUND HERE: <a href="https://oklahoma.gov/occ/divisions/oil-gas/ogcd-forms">HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS</a> ; 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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
LOCATION EXCEPTION - 732797	[8/23/2023 - G56] - (I.O.) 20-6N-6W X116468 MRRW, SPRG COMPL INT (20-6N-6W) NCT 150' FNL, NCT 0' FSL, NCT 330' FWL COMPL INT (29-6N-6W) NCT 0' FNL, NCT 0' FSL, NCT 330' FWL COMPL INT (32-6N-6W) NCT 0' FNL, NCT 150' FSL, NCT 330' FWL CONTINENTAL RESOURCES, INC 3/14/2023
MEMO	[11/23/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 116468	[12/2/2022 - G56] - (640) 20-6N-6W EST MRRW, SPRG, OTHERS

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