

API NUMBER: 087 22371 B

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

Approval Date: 06/16/2022  
Expiration Date: 12/16/2023

Multi Unit Oil & Gas

Amend reason: CHANGE SHL

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 15 Township: 6N Range: 2W County: MCCLAIN

SPOT LOCATION: SW SE SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 308 2158

Lease Name: MCELDERRY MU37 22-27 Well No: 4HX Well will be 308 feet from nearest unit or lease boundary.  
Operator Name: LRR IV OPERATING INC Telephone: 7132929510 OTC/OCC Number: 24554 0

LRR IV OPERATING INC  
1111 BAGBY STREET STE 4600  
HOUSTON, TX 77002

MCELDERRY RENTALS, LLC  
P.O. BOX 428  
PURCELL OK 73080

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

Name	Code	Depth
1 WOODFORD	319WDFD	7154

Spacing Orders: 660243 Location Exception Orders: 724927 Increased Density Orders: 725010  
678048 725011  
726181

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special

Total Depth: 18614 Ground Elevation: 1121

Surface Casing: 390

Depth to base of Treatable Water-Bearing FM: 340

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

F. Haul to Commercial soil farming facility	Sec. 1 Twn. 7S Rng. 3E Cnty. 85 Order No: 549455
H. (Other)	CLOSED SYSTEM=STEEL PITS (REQUIRED - PURCELL LAKE)

**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: BED AQUIFER

Pit Location Formation: PURCELL

**MULTI UNIT HOLE 1**

Section: 27 Township: 6N Range: 2W Meridian: 1M

Total Length: 10246

County: MCCLAIN

Measured Total Depth: 18614

Spot Location of End Point: SE SW SW SE

True Vertical Depth: 7500

Feet From: SOUTH 1/4 Section Line: 90

End Point Location from  
Lease, Unit, or Property Line: 90

Feet From: EAST 1/4 Section Line: 1988

**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	<p>[9/8/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>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></p>
INCREASED DENSITY - 725010	<p>[9/15/2022 - GB1] - 22-6N-2W X660243 WDFD 3 WELLS LRR IV OPERATING INC 4/21/2022</p>
INCREASED DENSITY - 725011	<p>[9/15/2022 - GB1] - 27-6N-2W X678048 WDFD 3 WELLS LRR IV OPERATING INC 4/21/22</p>
LOCATION EXCEPTION - 724927	<p>[9/15/2022 - GB1] - (I.O.) 22 &amp; 27-6N-2W X660243 WDFD 22-6N-2W X678048 WDFD 27-6N-2W COMPL INT (22-6N-2W) NCT 165' FNL, NCT 0' FSL, NCT 660' FEL COMPL INT (27-6N-2W) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL LRR IV OPERATING INC 4/18/22</p>
SPACING - 660243	<p>[9/15/2022 - GB1] - (640)(HOR) 22-6N-2W EXT 635106 WDFD COMPL. INT. NCT 165' FNL/FSL, NCT 330' FEL/FWL</p>
SPACING - 678048	<p>[9/15/2022 - GB1] - (640)(HOR) 27-6N-2W VAC 450070 NW4 WDFD EXT 660056 WDFD COMPL. INT. NLT 165' FNL/FSL, NLT 330' FEL/FWL</p>
SPACING - 726181	<p>[9/15/2022 - GB1] - (I.O.) 22 &amp; 27-6N-2W EST MULTIUNIT HORIZONTAL WELL X660243 WDFD 22-6N-2W X678048 WDFD 27-6N-2W 50% 22-6N-2W 50% 27-6N-2W LRR IV OPERATING INC 6/15/22</p>