

API NUMBER: 011 24337

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

Approval Date: 10/18/2022

Expiration Date: 04/18/2024

Multi Unit

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 20 Township: 13N Range: 13W County: BLAINE

SPOT LOCATION:  NW  NW  NW  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 270 2380

Lease Name: LACRETIA Well No: 2-20-29-32XHW Well will be 270 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349000; 4052349000; OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC

OKLAHOMA CITY, OK 73126-8870

MERLIN DEAN JR & LILLIAN MAE SCHANTZ

98397 N 2470 ROAD

HYDRO OK 73048

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

	Name	Code	Depth
1	MISSISSIPPI	351MISS	14626
2	MISSISSIPPIAN	359MSSP	14627
3	WOODFORD	319WDFD	14784

Spacing Orders: 136470  
591695  
643870  
643930  
582412

Location Exception Orders: No Exceptions

Increased Density Orders: 727430  
727433  
728991

Pending CD Numbers: 202202452  
202202451

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

Special Orders: No Special

Total Depth: 29919

Ground Elevation: 1659

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 380

Deep surface casing has been approved

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 22-38552

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: 8000 Average: 5000

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: RUSH SPRINGS

### 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: BED AQUIFER

Pit Location Formation: RUSH SPRINGS

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.

## MULTI UNIT HOLE 1

Section: 32	Township: 13N	Range: 13W	Meridian: IM	Total Length: 14882
County: BLAINE				Measured Total Depth: 29919
Spot Location of End Point: SW	SW	SW	SE	True Vertical Depth: 15381
Feet From: <b>SOUTH</b>	1/4 Section Line: 50			End Point Location from
Feet From: <b>EAST</b>	1/4 Section Line: 2448			Lease, Unit, or Property Line: 50

## NOTES:

Category	Description
DEEP SURFACE CASING	[9/21/2022 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>[9/21/2022 - 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 - 727430	<p>[9/30/2022 - GB7] - 20-13N-13W</p> <p>X591695 WDFD</p> <p>1 WELL</p> <p>NO OP. NAMED</p> <p>08/04/2022</p>
INCREASED DENSITY - 727433	<p>[9/30/2022 - GB7] - 29-13N-13W</p> <p>X643930 WDFD</p> <p>1 WELL</p> <p>NO OP. NAMED</p> <p>08/04/2022</p>
INCREASED DENSITY - 728991	<p>[9/30/2022 - GB7] - 32-13N-13W</p> <p>X582412 WDFD</p> <p>1 WELL</p> <p>NO OP. NAMED</p> <p>10/6/2022</p>
MEMO	[9/21/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING - CD2022-002451	<p>[9/30/2022 - GB7] - (I.O.) 20 &amp; 29 &amp; 32-13N-13W</p> <p>EST MULTIUNIT HORIZONTAL WELL</p> <p>X591695 WDFD 20-13N-13W</p> <p>X643870 MSSP 20-13N-13W</p> <p>X643930 WDFD, MSSP 29-13N-13W</p> <p>X136470 MISS 32-13N-13W</p> <p>X582412 WDFD 32-13N-13W</p> <p>33% 20-13N-13W</p> <p>34% 29-13N-13W</p> <p>33% 32-13N-13W</p> <p>CONTINENTAL RESOURCES, INC.</p> <p>REC. 09/21/2022 (THOMAS)</p>

PENDING - CD2022-002452	[9/30/2022 - GB7] - (I.O.) 20, 29, 32-13N-13W X591695 WDFD 20-13N-13W X643870 MSSP 20-13N-13W X643930 WDFD, MSSP 29-13N-13W X136470 MISS 32-13N-13W X582412 WDFD 32-13N-13W COMPL. INT. (20-13N-13W) NCT 150' FNL, NCT 0' FSL, NCT 1320' FEL COMPL. INT. (29-13N-13W) NCT 0' FNL, NCT 0' FSL, NCT 1320' FEL COMPL. INT. (32-13N-13W) NCT 0' FNL, NCT 150' FSL, NCT 1320' FEL CONTINENTAL RESOURCES, INC REC. 9/21/2022 (THOMAS)
SPACING - 136470	[9/29/2022 - GB7] - (640) 20,29,32-13N-13W EXT 131145 MISS, CSTR, OTHERS EXT OTHERS (VAC BY 643870 FOR MISS, CSTR IN 20-13N-13W) (VAC BY 643930 FOR MISS, CSTR IN 29-13N-13W)
SPACING - 582412	[9/29/2022 - GB7] - (640) 32-13N-13W EST WDFD
SPACING - 591695	[9/29/2022 - GB7] - (640) 20-13N-13W EXT 130882/587717 WDFD, OTHER EST KDRK, OTHERS (VAC BY 643870 FOR KDRK IN 20-13N-13W)
SPACING - 643870	[9/29/2022 - GB7] - (640) 20-13N-13W VAC 136470 CSTR, MISS VAC 591695 KDRK EXT 637475 MSSP
SPACING - 643930	[9/29/2022 - GB7] - (640) 29-13N-13W VAC 136470 MISS, CSTR, OTHERS EXT 637475 MSSP, WDFD, OTHERS