

API NUMBER: 051 24815

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

Approval Date: 02/17/2021
Expiration Date: 08/17/2022

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 30 Township: 4N Range: 5W County: GRADY

SPOT LOCATION: SW SE SE SW FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 350 2000

Lease Name: SANDY CREEK RANCH Well No: 5-30-19XHW Well will be 350 feet from nearest unit or lease boundary.
Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349020; 4052349000; OTC/OCC Number: 3186 0

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

SANDY CREEK RANCH, LLC
P. O. BOX 13130
OKLAHOMA CITY OK 73113

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

	Name	Code	Depth
1	SYCAMORE	352SCMR	14830
2	WOODFORD	319WDFD	15332
3	HUNTON	269HNTN	15387

Spacing Orders: 595386 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders
395591
146081

Pending CD Numbers: 202100040 Working interest owners' notified: *** Special Orders: No Special Orders
202100045
202100033
202100035

Total Depth: 25586 Ground Elevation: 1217 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 260

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: 21-37501
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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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: 30	Township: 4N	Range: 5W	Meridian: IM	Total Length: 10017
County: GRADY				Measured Total Depth: 25586
Spot Location of End Point: NW NW NW NE				True Vertical Depth: 15500
Feet From: NORTH		1/4 Section Line: 50		End Point Location from
Feet From: EAST		1/4 Section Line: 2460		Lease, Unit, or Property Line: 50

NOTES:

Category	Description
DEEP SURFACE CASING	[2/11/2021 - 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>[2/11/2021 - 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 6000NH SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; 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 FRACFOCUS.ORG</p>
MEMO	[2/11/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202100033	<p>[2/16/2021 - GC2] - 30-4N-5W</p> <p>X595386 WDFD</p> <p>5 WELLS</p> <p>NO OP. NAMED</p> <p>REC 2-16-2021 (THOMAS)</p>
PENDING CD - 202100035	<p>[2/16/2021 - GC2] - 19-4N-5W</p> <p>X395591 WDFD</p> <p>5 WELLS</p> <p>NO OP NAMED</p> <p>REC 2-16-2021 (THOMAS)</p>
PENDING CD - 202100040	<p>[2/17/2021 - GC2] - (I.O.) 30 & 19-4N-5W</p> <p>X146081 SCMR, HNTN 30 & 19-4N-5W</p> <p>X595386 WDFD 30-4N-5W</p> <p>X395591 WDFD 19-4N-5W</p> <p>X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO SINGER 5-18-7XH AND SINGER 4-7-18XHW</p> <p>COMPL. INT. (30-4N-5W) NCT 150' FSL, NCT 0' FNL, NCT 1,320' FEL</p> <p>COMPL. INT. (19-4N-5W) NCT 0' FSL, NCT 150' FNL, NCT 1,320' FEL</p> <p>NO OP NAMED</p> <p>REC 2-16-2021 (THOMAS)</p>
PENDING CD - 202100045	<p>[2/17/2021 - GC2] - (I.O.) 30 & 19-4N-5W</p> <p>EST MULTIUNIT HORIZONTAL WELL</p> <p>X146081 SCMR, HNTN 30 & 19-4N-5W</p> <p>X595386 WDFD 30-4N-5W</p> <p>X395591 WDFD 19-4N-5W</p> <p>(SCMR, HNTN ARE ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 50% 30-4N-5W</p> <p>50% 19-4N-5W</p> <p>CONTINENTAL RESOURCES, INC</p> <p>REC 2-16-2021 (THOMAS)</p>
SPACING - 146081	<p>[2/16/2021 - GC2] - (640) 19 & 30-4N-5W</p> <p>EXT OTHER</p> <p>EST SCMR, HNTN, OTHERS</p>
SPACING - 395591	<p>[2/16/2021 - GC2] - (640) 19-4N-5W</p> <p>EXT197445 WDFD</p>

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