

API NUMBER: 051 24813 A

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

Amend reason: OCC CORRECTION - UPDATE BHL

AMEND PERMIT TO DRILL

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

SPOT LOCATION: SE SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 300 590

Lease Name: SANDY CREEK RANCH Well No: 3-30-19XHW Well will be 300 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	14870
2	WOODFORD	319WDFD	15372
3	HUNTON	269HNTN	15427

Spacing Orders: 595386
395591
146081

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202100038
202100043
202100033
202100035

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 25696 Ground Elevation: 1227

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 370

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: 21-37499
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: 19	Township: 4N	Range: 5W	Meridian: IM	Total Length: 10087
County: GRADY				Measured Total Depth: 25696
Spot Location of End Point: NE	NE	NW	NW	True Vertical Depth: 15600
Feet From: NORTH	1/4 Section Line: 50		End Point Location from	
Feet From: WEST	1/4 Section Line: 1160		Lease, Unit, or Property Line: 50	

NOTES:

Category	Description
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 6000NHF 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 - 202100038	<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>COMPL. INT. (30-4N-5W) NCT 150' FSL, NCT 0' FNL, NCT 660' FWL</p> <p>COMPL. INT. (19-4N-5W) NCT 0' FSL, NCT 150' FNL, NCT 660' FWL</p> <p>NO OP NAMED</p> <p>REC 2-16-2021 (THOMAS)</p>
PENDING CD - 202100043	<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>EXT 197445 WDFD</p>
SPACING - 595386	<p>[2/16/2021 - GC2] - (640) 30-4N-5W</p> <p>EXT 184780 WDFD, OTHERS</p> <p>EST OTHERS</p>

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.

051 24813 SANDY CREEK RANCH 3-30-19XHW

EXHIBIT: A (1 of 3)
SHEET: 8.5x14
SHL: 30-4N-5W
BHL-2: 19-4N-5W
BHL-3: 19-4N-5W



WELL PAD ID:
50F82252-59C2-CEA0-B0E1-6C65BC632B20
W2-ID: P51N20VE00
W3-ID: P51MR37QJB

COVER SHEET

CONTINENTAL RESOURCES, INC.

P.O. BOX 26900 OKLAHOMA CITY, OK 73126 * (T) 1-800-256-8955 (F) 405-234-9253

Section 30 Township 4N Range 5W I.M.
County GRADY State OK
Operator CONTINENTAL RESOURCES, INC.

W2: SANDY CREEK RANCH
2-30-19XHW
W3: SANDY CREEK RANCH
3-30-19XHW

NAD-83								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	SANDY CREEK RANCH 2-30-19XHW	527981	2037035	34° 47' 02.13" -97° 46' 18.31"	34.783925 -97.771754	300' FSL / 560' FWL (SW/4 SEC 30)	1228.70'	1227.12'
LP-2	LANDING POINT	527982	2036805	34° 47' 02.14" -97° 46' 21.07"	34.783928 -97.772520	300' FSL / 330' FWL (SW/4 SEC 30)	--	--
BHL-2	BOTTOM HOLE LOCATION	538217	2036793	34° 48' 43.38" -97° 46' 20.94"	34.812051 -97.772483	50' FNL / 330' FWL (NW/4 SEC 19)	--	--
W3	SANDY CREEK RANCH 3-30-19XHW	527981	2037065	34° 47' 02.13" -97° 46' 17.95"	34.783925 -97.771654	300' FSL / 590' FWL (SW/4 SEC 30)	1227.27'	1227.12'
LP-3	LANDING POINT	527979	2037835	34° 47' 02.10" -97° 46' 11.12"	34.783915 -97.769756	300' FSL / 1160' FWL (SW/4 SEC 30)	--	--
BHL-3	BOTTOM HOLE LOCATION	538215	2037823	34° 48' 43.38" -97° 46' 10.98"	34.812042 -97.769718	50' FNL / 1160' FWL (NW/4 SEC 19)	--	--
X-1	PAINTER #1-19H	533189	2041202	34° 47' 53.55" -97° 45' 28.21"	34.798208 -97.757835	19-4N-5W: TD: 19,897' 230' FSL / 470' FEL	--	--
X-2	RICKEY #1	528668	2038124	34° 47' 08.90" -97° 46' 05.24"	34.785805 -97.768121	30-4N-5W: TD: 3,000' 990' FSL / 1650' FWL	--	--
X-3	WOOTEN TRUST #1-30	528999	2037794	34° 47' 12.18" -97° 46' 09.19"	34.786717 -97.769219	30-4N-5W: TD: 17,600' 1320' FSL / 1320' FWL	--	--
X-4	R K TRUST "A" #1-30	530817	2038447	34° 47' 30.15" -97° 46' 01.31"	34.791710 -97.767032	30-4N-5W: TD: 10,200' 2151' FNL / 1975' FWL	--	--
X-5	SANDY CREEK RANCH #1-30H	532754	2039823	34° 47' 49.27" -97° 45' 44.76"	34.797021 -97.762433	30-4N-5W: TD: 20,139' 210' FNL / 1850' FEL	--	--

NAD-27								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	SANDY CREEK RANCH 2-30-19XHW	527939	2088631	34° 47' 01.87" -97° 46' 17.19"	34.783852 -97.771440	300' FSL / 560' FWL (SW/4 SEC 30)	1228.70'	1227.12'
LP-2	LANDING POINT	527940	2088401	34° 47' 01.88" -97° 46' 19.94"	34.783855 -97.772206	300' FSL / 330' FWL (SW/4 SEC 30)	--	--
BHL-2	BOTTOM HOLE LOCATION	538175	2088389	34° 48' 43.12" -97° 46' 19.81"	34.811979 -97.772169	50' FNL / 330' FWL (NW/4 SEC 19)	--	--
W3	SANDY CREEK RANCH 3-30-19XHW	527939	2088661	34° 47' 01.87" -97° 46' 16.83"	34.783852 -97.771340	300' FSL / 590' FWL (SW/4 SEC 30)	1227.27'	1227.12'
LP-3	LANDING POINT	527937	2089231	34° 47' 01.83" -97° 46' 09.99"	34.783842 -97.769442	300' FSL / 1160' FWL (SW/4 SEC 30)	--	--
BHL-3	BOTTOM HOLE LOCATION	538174	2089219	34° 48' 43.09" -97° 46' 09.85"	34.811969 -97.769404	50' FNL / 1160' FWL (NW/4 SEC 19)	--	--
X-1	PAINTER #1-19H	533147	2072798	34° 47' 53.28" -97° 45' 27.08"	34.798135 -97.757522	19-4N-5W: TD: 19,897' 230' FSL / 470' FEL	--	--
X-2	RICKEY #1	528626	2089720	34° 47' 08.63" -97° 46' 04.11"	34.785732 -97.767808	30-4N-5W: TD: 3,000' 990' FSL / 1650' FWL	--	--
X-3	WOOTEN TRUST #1-30	528957	2089390	34° 47' 11.92" -97° 46' 08.06"	34.786643 -97.768905	30-4N-5W: TD: 17,600' 1320' FSL / 1320' FWL	--	--
X-4	R K TRUST "A" #1-30	530776	2070042	34° 47' 29.89" -97° 46' 00.19"	34.791636 -97.768718	30-4N-5W: TD: 10,200' 2151' FNL / 1975' FWL	--	--
X-5	SANDY CREEK RANCH #1-30H	532712	2071419	34° 47' 49.01" -97° 45' 43.63"	34.796948 -97.762119	30-4N-5W: TD: 20,139' 210' FNL / 1850' FEL	--	--

Certificate of Authorization No. 7318



Prepared By:
Petro Land Services South
14612 Hertz Quail Springs
Pkwy.
Oklahoma City, OK 73134

REVISIONS

No.	DATE	STAKED	BY	DESCRIPTION	COMMENTS
00	01-07-21	**--**--21	HG	ISSUED FOR APPROVAL	--

300' FSL-590' FWL Section 30 Township 4N Range 5W I.M.

Oklahoma PLS No.1985 DATE