

API NUMBER: 051 24814 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: 31 Township: 4N Range: 5W County: GRADY

SPOT LOCATION: SE NW NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 430 1820

Lease Name: SANDY CREEK RANCH Well No: 4-30-19XHW Well will be 430 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	14840
2	HUNTON	269HNTN	15077
3	WOODFORD	319WDFD	15247

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

Pending CD Numbers: 202100039 Working interest owners' notified: *** Special Orders: No Special Orders
202100044
202100033
202100035

Total Depth: 25501 Ground Elevation: 1219 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 320

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: 21-37500
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: 10017
County: GRADY				Measured Total Depth: 25501
Spot Location of End Point: NW NE NE NW				True Vertical Depth: 15500
Feet From: NORTH		1/4 Section Line: 50		End Point Location from
Feet From: WEST		1/4 Section Line: 1990		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 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 - 202100039	<p>[2/16/2021 - 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 4-18-7XH</p> <p>COMPL. INT. (30-4N-5W) NCT 150' FSL, NCT 0' FNL, NCT 1,320' FWL</p> <p>COMPL. INT. (19-4N-5W) NCT 0' FSL, NCT 150' FNL, NCT 1,320' FWL</p> <p>NO OP NAMED</p> <p>REC 2-16-2021 (THOMAS)</p>
PENDING CD - 202100044	<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>

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.

EXHIBIT: A (1 of 2)
SHEET: 8.5x11
SHL: 31-4N-5W
BHL-4: 19-4N-5W



WELL PAD ID:
32F46D46-396F-C388-A020-877502CB475C
W4-ID: P51N19B0KB

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 31 Township 4N Range 5W I.M.

W4: SANDY CREEK RANCH
4-30-19XHW

County GRADY State OK

Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W4	SANDY CREEK RANCH 4-30-19XHW	527247	2038296	34° 46' 54.84" -97° 46' 03.22"	34.781899 -97.767562	430' FNL / 1820' FWL (NW/4 SEC 31)	1218.93'	1219.53'
LP-4	LANDING POINT	527726	2038465	34° 46' 59.58" -97° 46' 01.17"	34.783216 -97.766992	50' FSL / 1990' FWL (SW/4 SEC 30)	--	--
BHL-4	BOTTOM HOLE LOCATION	538214	2038453	34° 48' 43.32" -97° 46' 01.03"	34.812032 -97.766953	50' FNL / 1990' 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
W4	SANDY CREEK RANCH 4-30-19XHW	527205	2069891	34° 46' 54.57" -97° 46' 02.09"	34.781826 -97.767248	430' FNL / 1820' FWL (NW/4 SEC 31)	1218.93'	1219.53'
LP-4	LANDING POINT	527684	2070061	34° 46' 59.31" -97° 46' 00.04"	34.783142 -97.766679	50' FSL / 1990' FWL (SW/4 SEC 30)	--	--
BHL-4	BOTTOM HOLE LOCATION	538172	2070049	34° 48' 43.06" -97° 45' 59.90"	34.811960 -97.766639	50' FNL / 1990' 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	2069720	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	2069390	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 -97.766718	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	--	--

REVISIONS

No.	DATE	STAKED	BY	DESCRIPTION	COMMENTS
00	01-04-21	**--21	HDG	ISSUED FOR APPROVAL	--

Certificate of Authorization No. 7318



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

EXHIBIT: A (2 of 2)
SHEET: 8.5x14
SHL: 31-4N-5W
BHL-4: 19-4N-5W

PETRO LAND SERVICES SOUTH, LLC

14612 HERTZ QUAIL SPRINGS PKWY, OKLA. CITY, OKLA. 73134 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



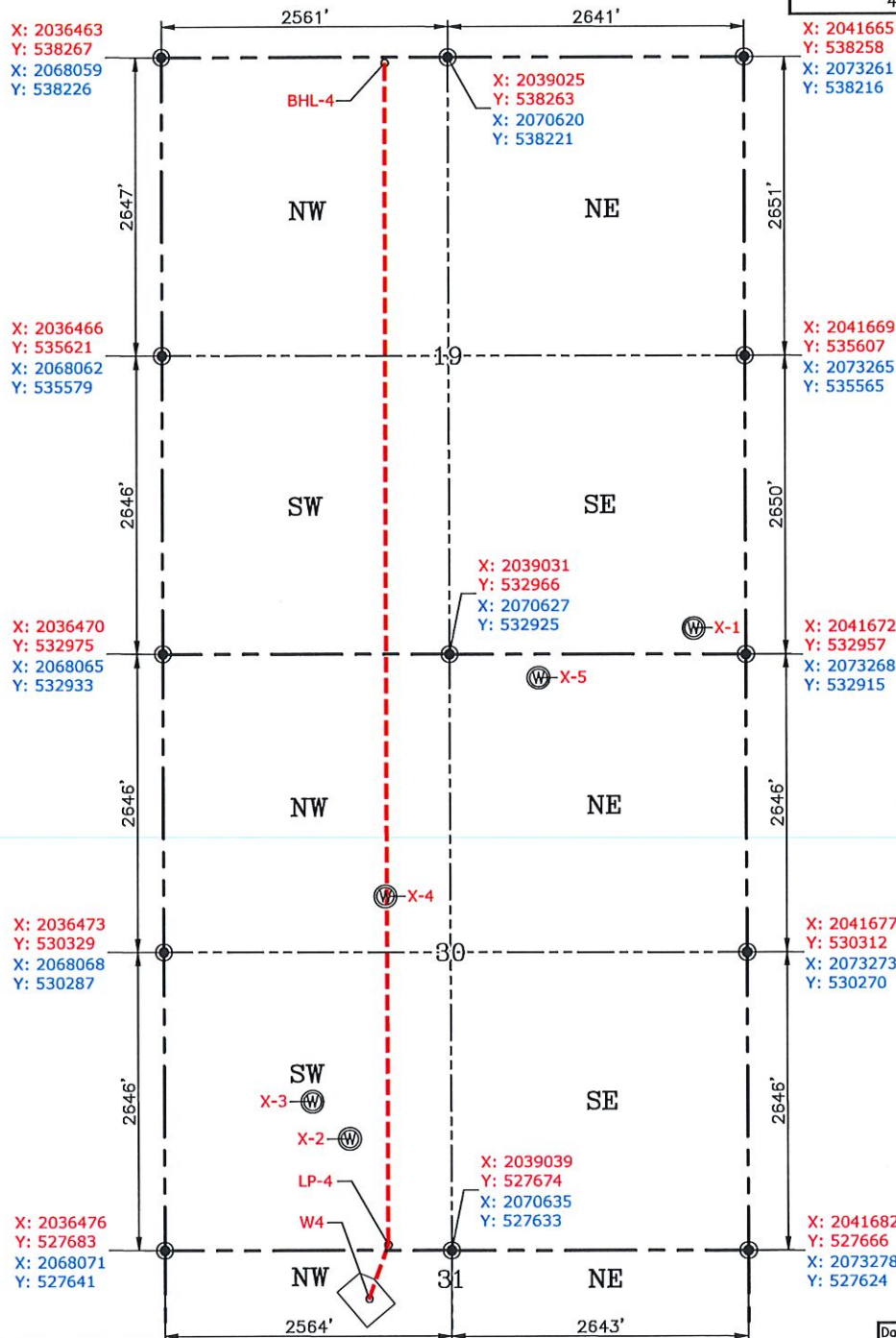
CONTINENTAL
RESOURCES, INC
(OPERATOR)

GRADY

County Oklahoma

430' FNL-1820' FWL Section 31 Township 4N Range 5W I.M.

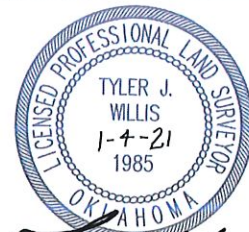
WELL: SANDY CREEK RANCH
4-30-19XHW



Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact PLS promptly if any inconsistency is determined. GPS data is observed from RTK-GPS. NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true Boundary Survey.

CERTIFICATE:

I, TYLER J. WILLIS an Oklahoma Licensed Land Surveyor and an authorized agent of Petro Land Services South, LLC, do hereby certify to the information shown herein.



Tyler J. Willis

Oklahoma PLS No.1985 DATE