

API NUMBER: 051 24812

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: SE SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 300 580

Lease Name: SANDY CREEK RANCH Well No: 2-30-19XHW 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  
PO BOX 13130  
OKLAHOMA CITY OK 73113

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

	Name	Code	Depth
1	SYCAMORE	352SCMR	14890
2	WOODFORD	319WDFD	15297
3	HUNTON	269HNTN	15447

Spacing Orders: 595386  
395591  
146081

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202100037  
202100042  
202100033  
202100035

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

Special Orders: No Special Orders

Total Depth: 25621 Ground Elevation: 1229

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: 21-37498  
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: 25621
Spot Location of End Point: N2	NW	NW	NW	True Vertical Depth: 15800
Feet From: <b>NORTH</b>	1/4 Section Line: 50		End Point Location from	
Feet From: <b>WEST</b>	1/4 Section Line: 330		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: <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>
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 - 202100037	<p>[2/16/2021 - GC2] - (I.O.) 30 &amp; 19-4N-5W</p> <p>X146081 SCMR, HNTN 30 &amp; 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 1-18-7XH</p> <p>COMPL. INT. (30-4N-5W) NCT 150' FSL, NCT 0' FNL, NCT 330' FWL</p> <p>COMPL. INT. (19-4N-5W) NCT 0' FSL, NCT 150' FNL, NCT 330' FWL</p> <p>NO OP NAMED</p> <p>REC 2-16-2021 (THOMAS)</p>
PENDING CD - 202100042	<p>[2/16/2021 - GC2] - (I.O.) 30 &amp; 19-4N-5W</p> <p>EST MULTIUNIT HORIZONTAL WELL</p> <p>X146081 SCMR, HNTN 30 &amp; 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)</p> <p>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 &amp; 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>

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 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						EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		
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						EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		
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	--

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

**PETRO LAND SERVICES SOUTH, LLC**

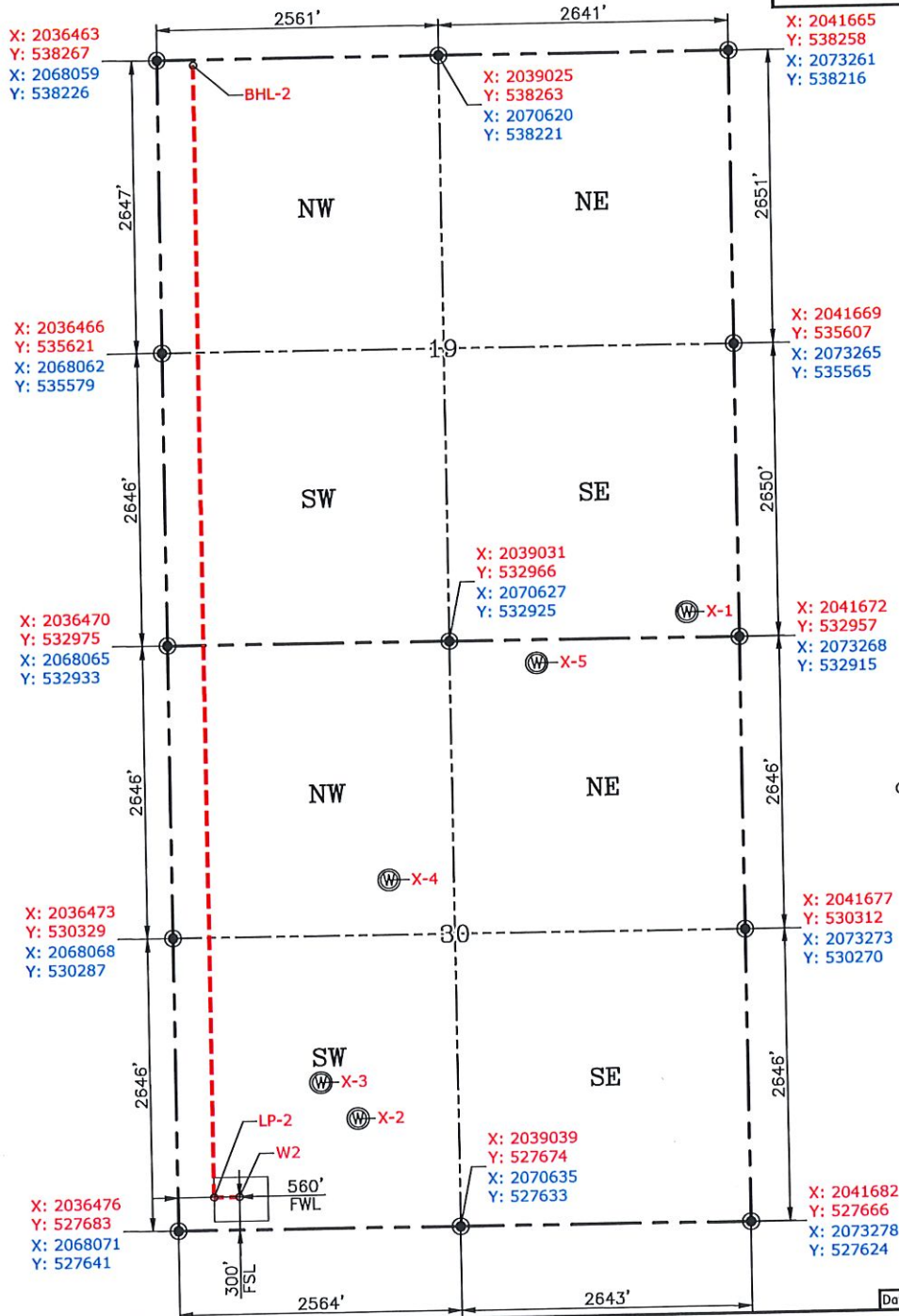
14612 HERTZ QUAIL SPRINGS PKWY, OKLA. CITY, OKLA. 73134 \* OFFICE (405) 212-3108  
Certificate of Authorization No. 7318



CONTINENTAL  
RESOURCES, INC.  
(OPERATOR)

GRADY County Oklahoma  
300' FSL-560' FWL Section 30 Township 4N Range 5W I.M.

WELL: SANDY CREEK RANCH  
2-30-19XHW



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

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

**PETRO LAND SERVICES SOUTH, LLC**

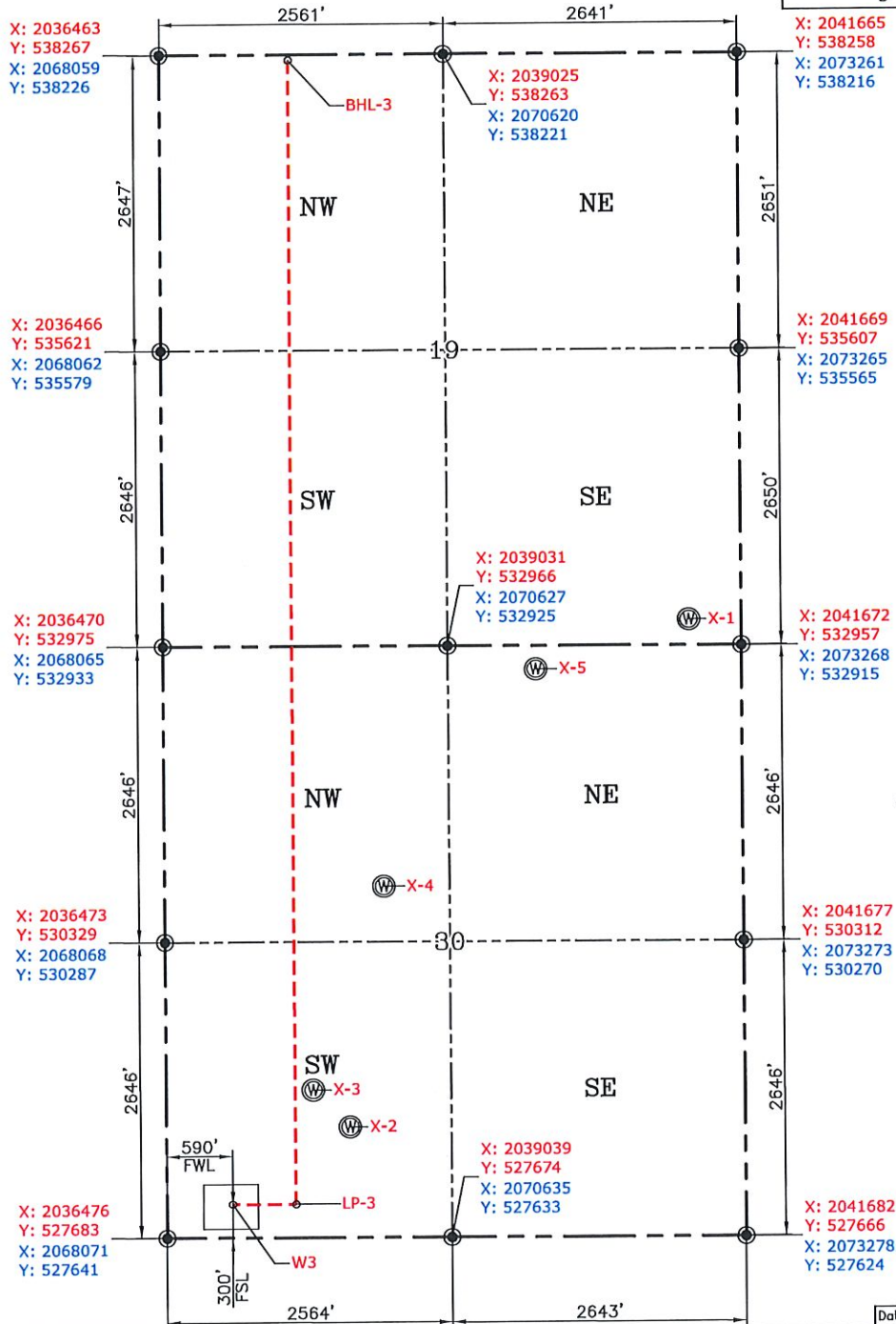
14612 HERTZ QUAIL SPRINGS PKWY, OKLA. CITY, OKLA. 73134 \* OFFICE (405) 212-3108  
Certificate of Authorization No. 7318



CONTINENTAL  
RESOURCES, INC.  
(OPERATOR)

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

WELL: SANDY CREEK RANCH  
3-30-19XHW



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Oklahoma PLS No.1985 DATE