

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

API NUMBER: 049 25333

Approval Date: 11/20/2020

Expiration Date: 05/20/2022

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 20 Township: 1N Range: 1W County: GARVIN

SPOT LOCATION: SE SE SE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 2580 300

Lease Name: **SPEYSIDE** Well No: **1-20-19XHW** 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

ROGER D. WILEY AND RANDALL D. WILEY
PO BOX 4772
FOSTER OK 73434

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

Name	Code	Depth
1 SYCAMORE	352SCMR	12690
2 WOODFORD	319WDFD	12985
3 HUNTON	269HNTN	13265

Spacing Orders: 169883 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders
172043

Pending CD Numbers: 202001769 Working interest owners' notified: *** Special Orders: No Special Orders
202001770
202001771
202001775

Total Depth: 21620 Ground Elevation: 955 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 210

Deep surface casing has been approved

Approved Method for disposal of Drilling Fluids:	
D. One time land application -- (REQUIRES PERMIT)	PERMIT NO: 20-37423
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: 3000 Average: 2000
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: ALLUVIAL
Pit Location Formation: ALLUVIUM

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: ALLUVIAL
Pit Location Formation: ALLUVIUM

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: 1N Range: 1W Meridian: IM Total Length: 8300
 County: GARVIN Measured Total Depth: 21620
 Spot Location of End Point: SW SW SE NW True Vertical Depth: 13500
 Feet From: **NORTH** 1/4 Section Line: 2580 End Point Location from
 Feet From: **WEST** 1/4 Section Line: 1330 Lease,Unit, or Property Line: 1330

NOTES:

Category	Description
DEEP SURFACE CASING	[11/2/2020 - 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	[11/2/2020 - GC2] - OCC 165:10-3-10 REQUIRES: 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; 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: OCCWEB.COM/OG/OGFORMS.HTML ; AND, 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
MEMO	[11/2/2020 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202001769	[11/19/2020 - GB6] - (I.O.) 19 & 20 -1N-1W X169883/172043 SCMR, WDFD, HNTN COMPL. INT. (20-1N-1W) NCT 330' FNL, NCT 150' FEL, NCT 0' FWL COMPL. INT. (19-1N-1W) NCT 330' FNL, NCT 0' FEL, NCT 150' FWL CONTINENTAL RESOURCES, INC. REC 11/17/2020 (MILLER)
PENDING CD - 202001770	[11/19/2020 - GB6] - (I.O.) 19-1N-1W X169883/172043 WDFD 1 WELL NO OPER NAMED REC 11/17/2020 (MILLER)
PENDING CD - 202001771	[11/19/2020 - GB6] - (I.O.) 19 & 20 -1N-1E EST MULTIUNIT HORIZONTAL WELL X169883/172043 SCMR, WDFD, HNTN (SCMR AND HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 56% 19-1N-1W 44% 20-1N-1W CONTINENTAL RESOURCES, INC. REC 11/17/2020 (MILLER)
PENDING CD - 202001775	[11/19/2020 - GB6] - (I.O.) 20-1N-1W X169883/172043 WDFD 1 WELL NO OPER NAMED REC 11/17/2020 (MILLER)
SPACING - 169883	[11/19/2020 - GB6] - (640) 19, 20 -1N-1E EXT 161395 SCMR, WDFD, HNTN, OTHERS
SPACING - 172043	[11/19/2020 - GB6] - NPT 169883 TO CLARIFY AND CONFIRM SPACING UNIT IS 640 ACRES.

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: 20-1N-1W
 BHL-1: 19-1N-1W



WELL PAD ID:
 484073C7-DEFD-C5E9-30DD-12D8359F8C61
 W1-ID: SCIKPPKQMM

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 20 Township 1N Range 1W I.M. W1: SPEYSIDE 1-20-19XHW
 County GARVIN State OK
 Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	SPEYSIDE 1-20-19XHW	441038	2173728	34° 32' 36.01" -97° 19' 06.57"	34.543336 -97.318491	2580' FNL / 300' FEL (NE/4 SEC 20)	954.87'	953.30'
LP-1	LANDING POINT	441038	2173531	34° 32' 36.01" -97° 19' 08.90"	34.543338 -97.319139	2580' FNL / 495' FEL (NE/4 SEC 20)	--	--
BHL-1	BOTTOM HOLE LOCATION	440980	2184801	34° 32' 36.03" -97° 20' 53.26"	34.543341 -97.348128	2580' FNL / 1330' FWL (NW/4 SEC 19)	--	--
X-1	B & W FREEMAN HEIRS #1-20	442943	2173340	34° 32' 54.88" -97° 19' 11.02"	34.548577 -97.319728	20-1N-1W; TD: 13,500' 673' FNL / 667' FEL	--	--
X-2	A C HOLBROOK #1	439301	2169747	34° 32' 19.09" -97° 19' 54.26"	34.538636 -97.331740	20-1N-1W; TD: UNKNOWN' 990' FSL / 990' FWL	--	--
X-3	HENNEPIN UNIT #1	439960	2169738	34° 32' 25.62" -97° 19' 54.32"	34.540449 -97.331755	20-1N-1W; TD: 15,917' 1650' FSL / 990' FWL	--	--
X-4	WILEY BROTHERS #1-20	442738	2173202	34° 32' 52.86" -97° 19' 12.69"	34.548018 -97.320192	20-1N-1W; TD: 13,965' 876' FNL / 807' FEL	--	--
X-5	OBELE-KATIE #7	442893	2164119	34° 32' 54.99" -97° 21' 01.26"	34.548608 -97.350351	19-1N-1W; TD: 4,272' 663' FNL / 660' FWL	--	--
X-6	WARREN #1-30-29XH	438544	2164061	34° 32' 11.98" -97° 21' 02.30"	34.536660 -97.350638	19-1N-1W; TD: 17,502' 275' FSL / 575' FWL	--	--
X-7	JAMES TRUST #1-24-23XHW	443254	2163757	34° 32' 58.58" -97° 21' 05.56"	34.548607 -97.351546	19-1N-1W; TD: 22,952' 300' FNL / 300' FWL	--	--

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	SPEYSIDE 1-20-19XHW	440995	2205321	34° 32' 35.71" -97° 19' 05.49"	34.543252 -97.318190	2580' FNL / 300' FEL (NE/4 SEC 20)	954.87'	953.30'
LP-1	LANDING POINT	440994	2205126	34° 32' 35.71" -97° 19' 07.82"	34.543252 -97.318838	2580' FNL / 495' FEL (NE/4 SEC 20)	--	--
BHL-1	BOTTOM HOLE LOCATION	440938	2196396	34° 32' 35.72" -97° 20' 52.18"	34.543257 -97.347827	2580' FNL / 1330' FWL (NW/4 SEC 19)	--	--
X-1	B & W FREEMAN HEIRS #1-20	442900	2204936	34° 32' 54.58" -97° 19' 09.94"	34.548493 -97.319428	20-1N-1W; TD: 13,500' 673' FNL / 667' FEL	--	--
X-2	A C HOLBROOK #1	439258	2201343	34° 32' 18.79" -97° 19' 53.18"	34.538552 -97.331439	20-1N-1W; TD: UNKNOWN' 990' FSL / 990' FWL	--	--
X-3	HENNEPIN UNIT #1	439918	2201334	34° 32' 25.31" -97° 19' 53.23"	34.540365 -97.331454	20-1N-1W; TD: 15,917' 1650' FSL / 990' FWL	--	--
X-4	WILEY BROTHERS #1-20	442695	2204797	34° 32' 52.56" -97° 19' 11.61"	34.547933 -97.319891	20-1N-1W; TD: 13,965' 876' FNL / 807' FEL	--	--
X-5	OBELE-KATIE #7	442850	2195715	34° 32' 54.69" -97° 21' 00.18"	34.548524 -97.350049	19-1N-1W; TD: 4,272' 663' FNL / 660' FWL	--	--
X-6	WARREN #1-30-29XH	438502	2195656	34° 32' 11.67" -97° 21' 01.21"	34.536576 -97.350337	19-1N-1W; TD: 17,502' 275' FSL / 575' FWL	--	--
X-7	JAMES TRUST #1-24-23XHW	443211	2195353	34° 32' 58.28" -97° 21' 04.48"	34.549523 -97.351244	19-1N-1W; TD: 22,952' 300' FNL / 300' FWL	--	--

REVISIONS

No.	DATE	STAKED	BY	DESCRIPTION	COMMENTS
00	9-18-20	**--20	HGD	ISSUED FOR APPROVAL	--
01	9-21-20	**--20	MWC	REV'D ACCESS	REV'D SHEET F & EXHIBIT "A"

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: 20-1N-1W
 BHL-1: 19-1N-1W

PETRO LAND SERVICES SOUTH, LLC

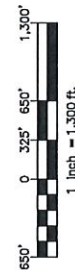
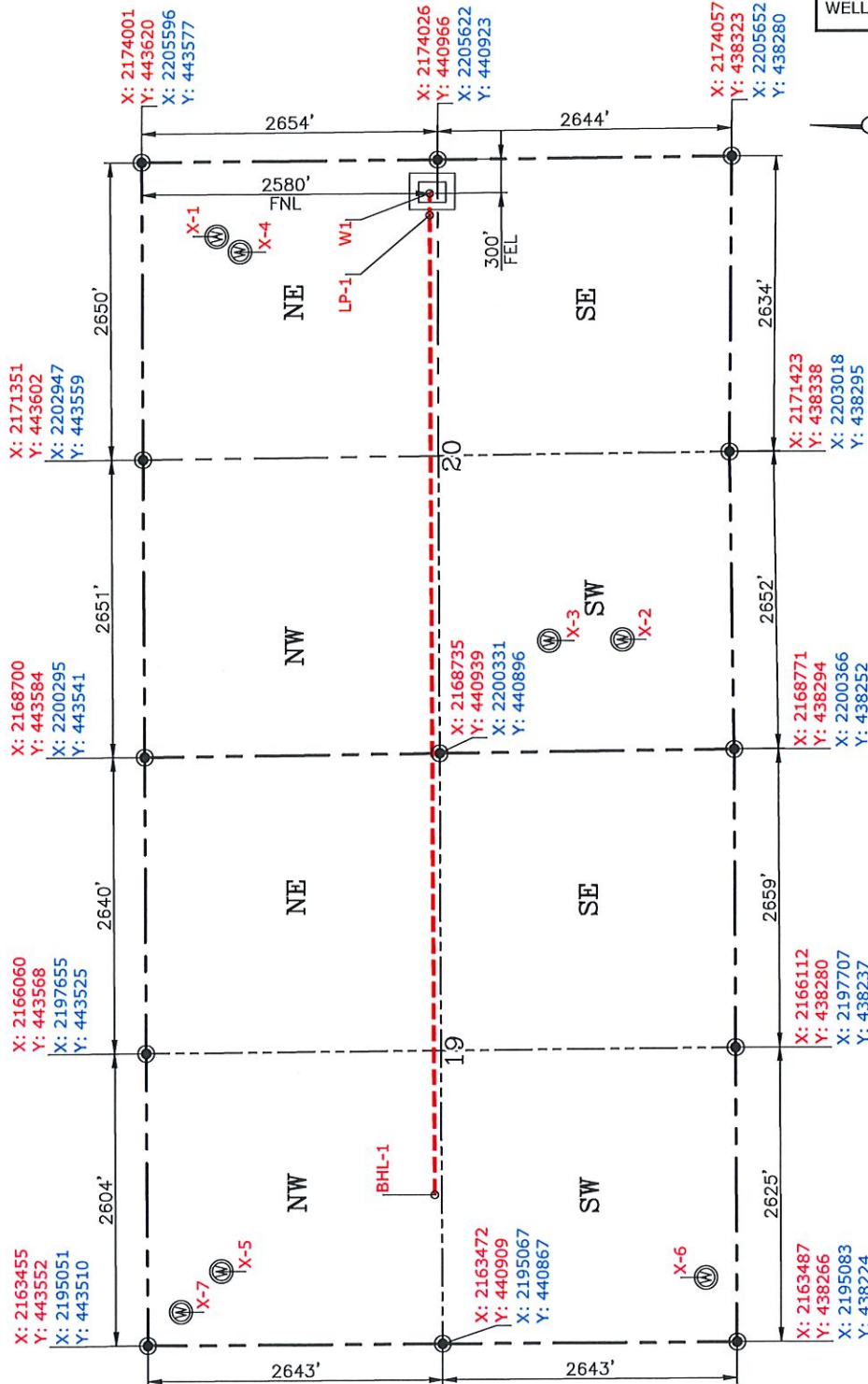
14612 HERTZ QUAIL SPRINGS PKWY, OKLA. CITY, OKLA. 73134 * OFFICE (405) 212-3108
 Certificate of Authorization No. 7318



CONTINENTAL
 RESOURCES, INC
 (OPERATOR)

GARVIN County Oklahoma
 2580' FNL-300' FEL Section 20 Township 1N Range 1W I.M.

WELL: SPEYSIDE
 1-20-19XHW



GPS DATUM
 NAD-83
 NAD-27
 OK SOUTH ZONE
 US FEET
 SCALE:
 1" = 1300'

CURRENT REV.: 1

Date Drawn: 9-21-20

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