

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

API NUMBER: 051 24703

Approval Date: 08/28/2019

Expiration Date: 02/28/2021

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 7N Rge: 5W

County: GRADY

SPOT LOCATION: ☐ SW ☐ NE ☐ NW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2176 809

Lease Name: LAMBRECHT

Well No: 3-17-20XHW

Well will be 809 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349020; 4052349

OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC
PO BOX 269000
OKLAHOMA CITY, OK 73126-9000

MCCLAIN COUNTY LAND COMPANY, LLC
P.O. BOX 188
BLANCHARD OK 73010

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	11507	6	
2	WOODFORD	11758	7	
3	HUNTON	11916	8	
4			9	
5			10	

Spacing Orders: 632237
633116

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903760
201903769
201903772
20103773

Special Orders:

Total Depth: 19926

Ground Elevation: 1263

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 220

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-36843

H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX 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.

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

HORIZONTAL HOLE 1

Sec 20 Twp 7N Rge 5W County GRADY

Spot Location of End Point: SW SW SE SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1551

Depth of Deviation: 11320

Radius of Turn: 467

Direction: 175

Total Length: 7873

Measured Total Depth: 19926

True Vertical Depth: 12071

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

7/26/2019 - G71 - 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

7/26/2019 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

MEMO

8/27/2019 - GC2 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WINDBURN LAKE), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201903760

8/27/2019 - GC2 - 17-7N-5W
X632237 WDFD
7 WELLS
CONTINENTAL RESOURCES, INC
REC. 8/6/2019 (NORRIS)

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX 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 24703 LAMBRECHT 3-17-20XHW

Category	Description
PENDING CD - 201903769	8/27/2019 - GC2 - 20-7N-5W X633116 WDFD 4 WELLS CONTINENTAL RESOURCES, INC REC. 8/6/2019 (NORRIS)
PENDING CD - 201903772	8/27/2019 - GC2 - (I.O.) 17 & 20-7N-5W EST HORIZONTAL MULTIUNIT WELL X632237 MSSP, WDFD, HNTN 17-7N-5W X633113 MSSP, WDFD, HNTN 20-7N-5W*** (MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 33% 17-7N-5W 67% 20-7N-5W CONTINENTAL RESOURCES, INC REC. 8/6/2019 (NORRIS) *** S/B ORD #633116; WILL BE CORRECTED ON INTERIM ORDER PER ATTORNEY FOR OPERATOR
PENDING CD - 201903773	8/27/2019 - GC2 - (I.O.) 17 & 20-7N-5W X632237 MSSP, WDFD, HNTN 17-7N-5W X633116 MSSP, WDFD, HNTN 20-7N-5W X165:10-3-28 (C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO SIMMS 2-32-29XHW, SIMMS 4-32-29XHW, Z 21 1-17-8XH, Z 21 2-17-8XH, Z 21 4-17-8XH COMPL. INT. (17-7N-5W) NCT 1,320' FNL, NCT 0' FSL, NCT 660' FWL COMPL. INT. (20-7N-5W) NCT 0' FNL, NCT 150' FSL, NCT 660' FWL CONTINENTAL RESOURCES, INC REC. 8/6/2019 (NORRIS)
SPACING - 632237	8/28/2019 - GC2 - (640) 17-7N-5W VAC OTHERS VAC 185876 MSSLM EXT (VER) OTHERS EXT (VER) 621966 MSSP, HNTN EST (HOR) WDFD, OTHER COMPL. INT. (WDFD) NCT 330' FB
SPACING - 633116	8/27/2019 - GC2 - (640)(HOR) 20-7N-5W EXT 621966 MSSP, WDFD, HNTN COMPL. INT. (MSSP, HNTN) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL

EXHIBIT: A (1 of 3)
 SHEET: 8.5x14
 SHL: 17-7N-5W
 BHL-3 20-7N-5W
 BHL-2 8-7N-5W



COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 17 Township 7N Range 5W I.M.Well: LAMBRECHT 3-17-20XHWCounty GRADY State OKWell: Z 21-2-17-8XHWOperator CONTINENTAL RESOURCES, INC.

NAD-83							
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	Z 21-2-17-8XHW	635471	2041498	35° 04' 45.23" -97° 45' 21.70"	35.078232 -97.756027	2204' FSL / 820' FWL (SW/4 SEC 17)	1261.19' 1263.28'
LP-2	LANDING POINT	635475	2041997	35° 04' 45.28" -97° 45' 15.89"	35.078238 -97.754357	2204' FSL / 1320' FWL (SW/4 SEC 17)	-- --
BHL-2	BOTTOM HOLE LOCATION	643792	2041083	35° 08' 07.52" -97° 45' 15.02"	35.102080 -97.754338	50' FNL / 1320' FWL (NW/4 SEC 8)	-- --
W3	LAMBRECHT 3-17-20XHW	635443	2041486	35° 04' 44.86" -97° 45' 21.84"	35.079156 -97.756085	2176' FSL / 809' FWL (SW/4 SEC 17)	1261.65' 1263.28'
LP-3	LANDING POINT	635446	2042228	35° 04' 44.99" -97° 45' 12.91"	35.079185 -97.753553	2176' FSL / 1551' FWL (SW/4 SEC 17)	-- --
BHL-3	BOTTOM HOLE LOCATION	628035	2042221	35° 03' 31.87" -97° 45' 13.21"	35.058797 -97.753670	50' FSL / 1551' FWL (SW/4 SEC 20)	-- --
X-1	YATES #1-8	643142	2042089	35° 08' 01.10" -97° 45' 14.38"	35.100305 -97.753889	8-7N-5W: TD: 10,800' 700' FNL / 1,425' FWL	-- --
X-2	FORBES "A" #1	634581	2041998	35° 04' 36.52" -97° 45' 15.70"	35.078811 -97.754382	17-7N-5W: TD: 7,400' 1,320' FSL / 1,320' FWL	-- --
X-3	WINBURN #1-17	637913	2045285	35° 05' 09.30" -97° 44' 35.94"	35.085816 -97.743518	17-7N-5W: TD: 10,800' 651' FNL / 658' FEL	-- --
X-4	Z 21 #1-17-8XHW	633682	2040883	35° 04' 27.36" -97° 45' 31.55"	35.074286 -97.758763	17-7N-5W: TD: 19,882' 400' FSL / 5' FWL	-- --
X-5	YATES SWD #1-17	638058	2042492	35° 05' 10.80" -97° 45' 09.66"	35.086333 -97.752883	17-7N-5W: TD: 9,000' 501' FNL / 1,818' FWL	-- --
X-6	SMBS (FORCE "A" #1)	628485	2042818	35° 03' 36.11" -97° 45' 08.05"	35.060030 -97.751680	20-7N-5W: TD: 7,370' 495' FNL / 2,145' FWL	-- --
X-7	WINBURN #1-20	629963	2041993	35° 03' 50.75" -97° 45' 15.90"	35.064098 -97.754417	20-7N-5W: TD: 11,120' 1,880' FSL / 1,320' FWL	-- --

NAD-27							
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	Z 21-2-17-8XHW	635429	2073095	35° 04' 45.00" -97° 45' 20.55"	35.078185 -97.758709	2204' FSL / 820' FWL (SW/4 SEC 17)	1261.19' 1263.28'
LP-2	LANDING POINT	635433	2073594	35° 04' 45.02" -97° 45' 14.54"	35.078173 -97.754039	2204' FSL / 1320' FWL (SW/4 SEC 17)	-- --
BHL-2	BOTTOM HOLE LOCATION	643750	2073580	35° 06' 07.29" -97° 45' 14.47"	35.102024 -97.754019	50' FNL / 1320' FWL (NW/4 SEC 8)	-- --
W3	LAMBRECHT 3-17-20XHW	635401	2073083	35° 04' 44.72" -97° 45' 20.69"	35.078089 -97.765747	2176' FSL / 809' FWL (SW/4 SEC 17)	1261.65' 1263.28'
LP-3	LANDING POINT	635408	2073825	35° 04' 44.78" -97° 45' 11.78"	35.079099 -97.753287	2176' FSL / 1551' FWL (SW/4 SEC 17)	-- --
BHL-3	BOTTOM HOLE LOCATION	627893	2073818	35° 03' 31.43" -97° 45' 12.07"	35.058730 -97.753332	50' FSL / 1551' FWL (SW/4 SEC 20)	-- --
X-1	YATES #1-8	643100	2073886	35° 08' 00.86" -97° 45' 13.22"	35.100239 -97.753871	8-7N-5W: TD: 10,800' 700' FNL / 1,425' FWL	-- --
X-2	FORBES "A" #1	634549	2073595	35° 04' 36.28" -97° 45' 14.56"	35.076744 -97.754044	17-7N-5W: TD: 7,400' 1,320' FSL / 1,320' FWL	-- --
X-3	WINBURN #1-17	637871	2078892	35° 05' 09.06" -97° 44' 34.78"	35.085849 -97.742888	17-7N-5W: TD: 10,800' 651' FNL / 659' FEL	-- --
X-4	Z 21 #1-17-8XHW	633619	2072280	35° 04' 27.12" -97° 45' 30.40"	35.074200 -97.758445	17-7N-5W: TD: 19,882' 400' FSL / 5' FWL	-- --
X-5	YATES SWD #1-17	638016	2074089	35° 05' 10.58" -97° 45' 08.52"	35.086267 -97.752385	17-7N-5W: TD: 9,000' 501' FNL / 1,816' FWL	-- --
X-6	SMBS (FORCE "A" #1)	628443	2074413	35° 03' 35.87" -97° 45' 04.90"	35.059964 -97.751382	20-7N-5W: TD: 7,370' 495' FNL / 2,145' FWL	-- --
X-7	WINBURN #1-20	629921	2073590	35° 03' 50.51" -97° 45' 14.78"	35.064028 -97.754089	20-7N-5W: TD: 11,120' 1,880' FSL / 1,320' FWL	-- --

Certificate of Authorization No. 7318

Date Staked: **--19
 Date Drawn: 6-12-19



Prepared By:
 Petro Land Services South
 10400 Vineyard Blvd.
 Suite C
 Oklahoma City, OK 73120

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	6-12-19	HDC	ISSUED FOR APPROVAL	--

EXHIBIT: A (2 of 3)
SHEET: 8.5x14
SHL: 17-7N-5W
BHL-3: 20-7N-5W

PETRO LAND SERVICES SOUTH, LLC

10400 VINEYARD BLVD. SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



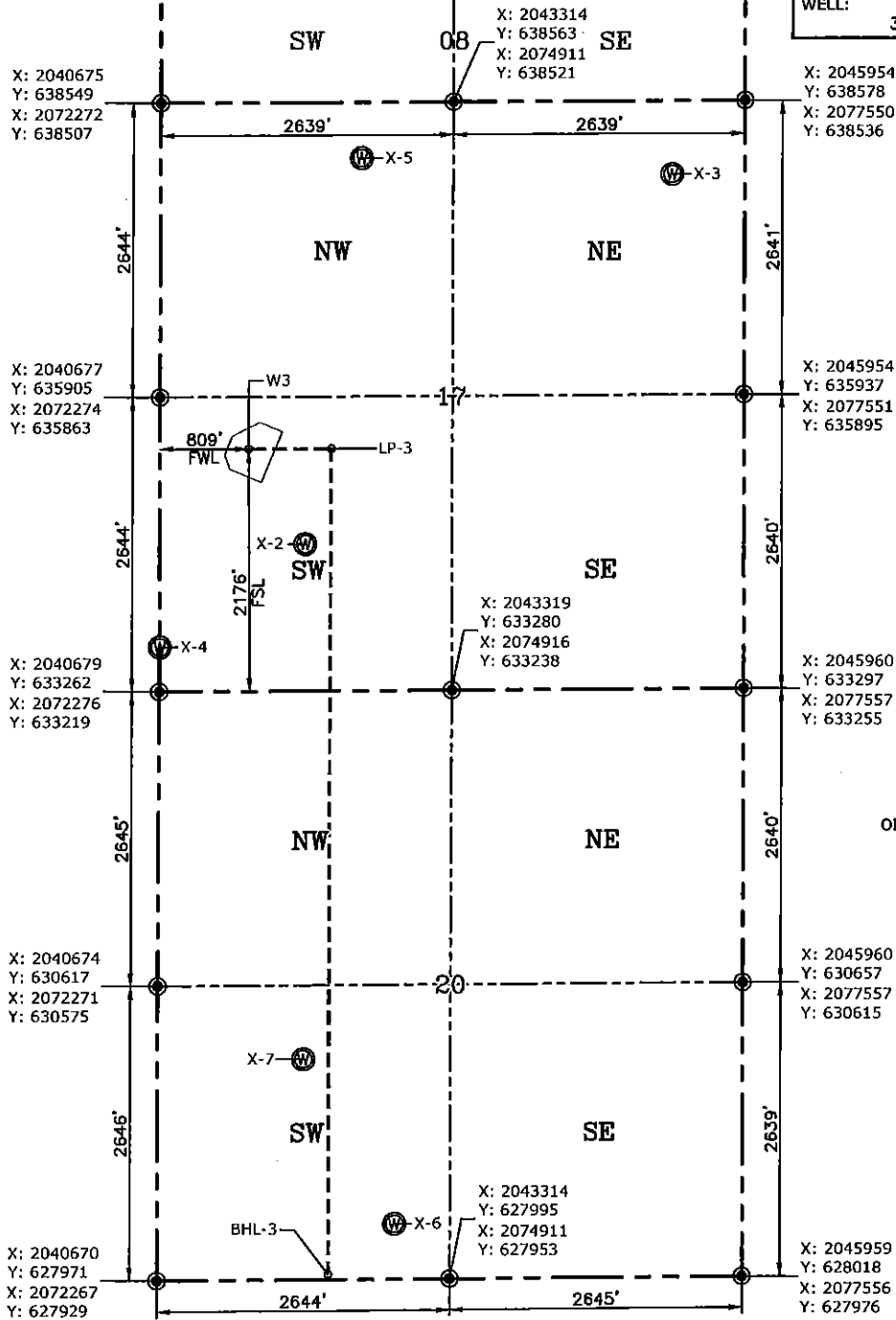
CONTINENTAL
RESOURCES, INC.
(OPERATOR)

GRADY

County Oklahoma

2176' FSL-809' FWL Section 17 Township 7N Range 5W I.M.

WELL: **LAMBRECHT
3-17-20XHW**



GPS DATUM
NAD-83
NAD-27
OK SOUTH ZONE
US FEET
SCALE:
1" = 1250'

CURRENT REV.: 0

Date Drawn: 6-12-10

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



Randall J. Bilyeu

Oklahoma PLS No.1196 DATE