

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

API NUMBER: 051 24681

Approval Date: 07/22/2019

Expiration Date: 01/22/2021

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 7N Rge: 5W

County: GRADY

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 2310 1405

Lease Name: JACQUEZ

Well No: 5-18-19XHW

Well will be 1405 feet from nearest unit or lease boundary.

Operator CONTINENTAL RESOURCES INC
Name:

Telephone: 4052349020; 4052349

OTC/OCC Number: 3186 0

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

MCCLAIN COUNTY LAND COMPANY LLC
PO BOX 188
BLANCHARD OK 73010

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

Name	Depth	Name	Depth
1 WOODFORD	12039	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 621966

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903293
201903298
201903297
201903294

Special Orders:

Total Depth: 20034

Ground Elevation: 1224

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 230

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)
H. SEE MEMO

PERMIT NO: 19-36697

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 19 Twp 7N Rge 5W County GRADY

Spot Location of End Point: SE SE SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1551

Depth of Deviation: 11562

Radius of Turn: 467

Direction: 181

Total Length: 7739

Measured Total Depth: 20034

True Vertical Depth: 12309

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

Notes:

Category

Description

DEEP SURFACE CASING

7/15/2019 - 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

7/15/2019 - 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

7/15/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201903293

7/22/2019 - GB1 - (I.O.) 18 & 19-7N-5W

X621966 WDFD

X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO DYER 5-30-31XHW, DYER 7-30-31XHW, AND MCCLAIN 5-18-7XHW

COMPL. INT. (18-7N-5W) NCT 1320' FNL, NCT 0' FSL, NCT 660' FEL

COMPL. INT. (19-7N-5W) NCT 0' FNL, NCT 150' FSL, NCT 660' FEL

NO OP. NAMED

REC. 7/16/2019 (THOMAS)

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

051 24681 JACQUEZ 5-18-19XHW

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.

Category	Description
PENDING CD - 201903294	7/22/2019 - GB1 - (I.O.) 18 & 19-7N-5W EST MULTIUNIT HORIZONTAL WELL X621966 WDFD 33.33% 18-7N-5W 66.67% 19-7N-5W CONTINENTAL RESOURCES, INC REC. 7/16/2019 (THOMAS)
PENDING CD - 201903297	7/22/2019 - GB1 - 18-7N-5W X621966 WDFD 4 WELLS NO OP. NAMED REC. 7/16/2019 (THOMAS)
PENDING CD - 201903298	7/22/2019 - GB1 - 19-7N-5W X621966 WDFD 4 WELLS NO OP. NAMED REC. 7/16/2019 (THOMAS)
SPACING - 621966	7/22/2019 - GB1 - (640)(HOR) 18 & 19-7N-5W VAC OTHERS EST WDFD, OTHERS POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL

EXHIBIT: A (1 of 4)
 SHEET: 8.5x11
 SHL: 18-7N-5W
 BHL-M5 7-7N-5W
 BHL-J5 19-7N-5W



COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 18 Township 7N Range 5W I.M.Well: MCCLAIN 5-18-7XHWCounty GRADY State OKWell: JACQUEZ 5-18-19XHWOperator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
M5	MCCLAIN 5-18-7XHW	636235	2039302	35° 04' 52.84" -97° 45' 48.10"	35.081345 -97.763361	2310' FNL / 1375' FEL (NE/4 SEC 18)	1223.65'	1224.39'
LP-M5	LANDING POINT	636333	2038994	35° 04' 53.82" -97° 45' 51.80"	35.081618 -97.764389	2210' FNL / 1683' FEL (NE/4 SEC 18)	--	--
BHL-M5	BOTTOM HOLE LOCATION	643778	2038980	35° 06' 07.46" -97° 45' 51.76"	35.102073 -97.764377	50' FNL / 1683' FEL (NE/4 SEC 07)	--	--
J5	JACQUEZ 5-18-19XHW	636235	2039272	35° 04' 52.84" -97° 45' 48.46"	35.081345 -97.763461	2310' FNL / 1405' FEL (NE/4 SEC 18)	1223.39'	1224.39'
LP-J5	LANDING POINT	636234	2039126	35° 04' 52.84" -97° 45' 50.21"	35.081343 -97.763948	2310' FNL / 1551' FEL (NE/4 SEC 18)	--	--
BHL-J5	BOTTOM HOLE LOCATION	628020	2039119	35° 03' 31.59" -97° 45' 50.53"	35.058776 -97.764035	50' FSL / 1551' FEL (SE/4 SEC 19)	--	--
X-1	CARLIN FARMS #1	640516	2036773	35° 05' 35.24" -97° 46' 18.41"	35.093123 -97.771781	7-7N-5W: TD: 7,523' 1,980' FSL / 1,320' FWL	--	--
X-2	TROUT JOHN #1	634911	2040344	35° 04' 39.72" -97° 45' 35.59"	35.077701 -97.759887	18-7N-5W: TD: UNKNOWN' 1,650' FSL / 333' FEL	--	--
X-3	WINBURN #1-18	635892	2036784	35° 04' 49.51" -97° 46' 18.40"	35.080420 -97.771777	18-7N-5W: TD: 7,500' 2,640' FSL / 1,320' FWL	--	--
X-4	MARY WINBURN #1-18	637883	2040013	35° 05' 09.13" -97° 45' 39.49"	35.085870 -97.760969	18-7N-5W: TD: 7,600' 663' FNL / 662' FEL	--	--
X-5	WINBURN #1	634295	2040044	35° 04' 33.64" -97° 45' 39.22"	35.076011 -97.760894	18-7N-5W: TD: 7,400' 1,035' FSL / 634' FEL	--	--
X-6	MCCLAIN #1H-7X	635631	2036265	35° 04' 46.94" -97° 46' 24.65"	35.079705 -97.773514	18-7N-5W: TD: 19,915' 2,380' FSL / 800' FWL	--	--
X-7	CANTRELL #1-19	629440	2039250	35° 03' 45.64" -97° 45' 48.91"	35.062677 -97.763585	19-7N-5W: TD: 11,210' 1,470' FSL / 1,422' FEL	--	--
X-8	J.L. HOOPER #1	632596	2040124	35° 04' 16.83" -97° 45' 38.31"	35.071342 -97.760641	19-7N-5W: TD: 7,475' 664' FNL / 554' FEL	--	--
X-9	TRIPLE H #2-30-31HS	628347	2035753	35° 03' 34.90" -97° 46' 31.01"	35.059695 -97.775279	19-7N-5W: TD: 21,701' 380' FSL / 270' FWL	--	--
X-10	TRIPLE H #3-30-31HS	628218	2037463	35° 03' 33.59" -97° 46' 10.44"	35.059332 -97.769566	19-7N-5W: TD: 21,771' 250' FSL / 1,980' FWL	--	--
X-11	MIDDLEBURG WEST SWD #1	631439	2039188	35° 04' 05.41" -97° 45' 49.61"	35.068170 -97.763779	19-7N-5W: TD: 10,000' 1,819' FNL / 1,488' FEL	--	--
X-12	DYER #3-30-31XHW	628514	2037513	35° 03' 36.52" -97° 46' 09.84"	35.060145 -97.769399	19-7N-5W: TD: 23,178' 546' FSL / 2,030' FWL	--	--
X-13	DYER #4-30-31XHW	628544	2037513	35° 03' 36.82" -97° 46' 09.84"	35.060227 -97.769399	19-7N-5W: TD: 23,181' 576' FSL / 2,030' FWL	--	--
X-14	DYER #5-30-31XHW	628675	2039351	35° 03' 38.07" -97° 45' 47.72"	35.060574 -97.763255	19-7N-5W: TD: 23,210' 705' FSL / 1,320' FEL	--	--

Certificate of Authorization No. 7318

Date Staked: **--19
 Date Drawn: 06-06-19



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	06-06-19	TJW	ISSUED FOR APPROVAL	--
01	06-10-19	HDC	REV'D JACQUEZ BHL	REV'D SHEETS A(1,2 & 4)

EXHIBIT: A (4 of 4)
SHEET: 8.5x14
SHL: 18-7N-5W
BHL-J5 19-7N-5W

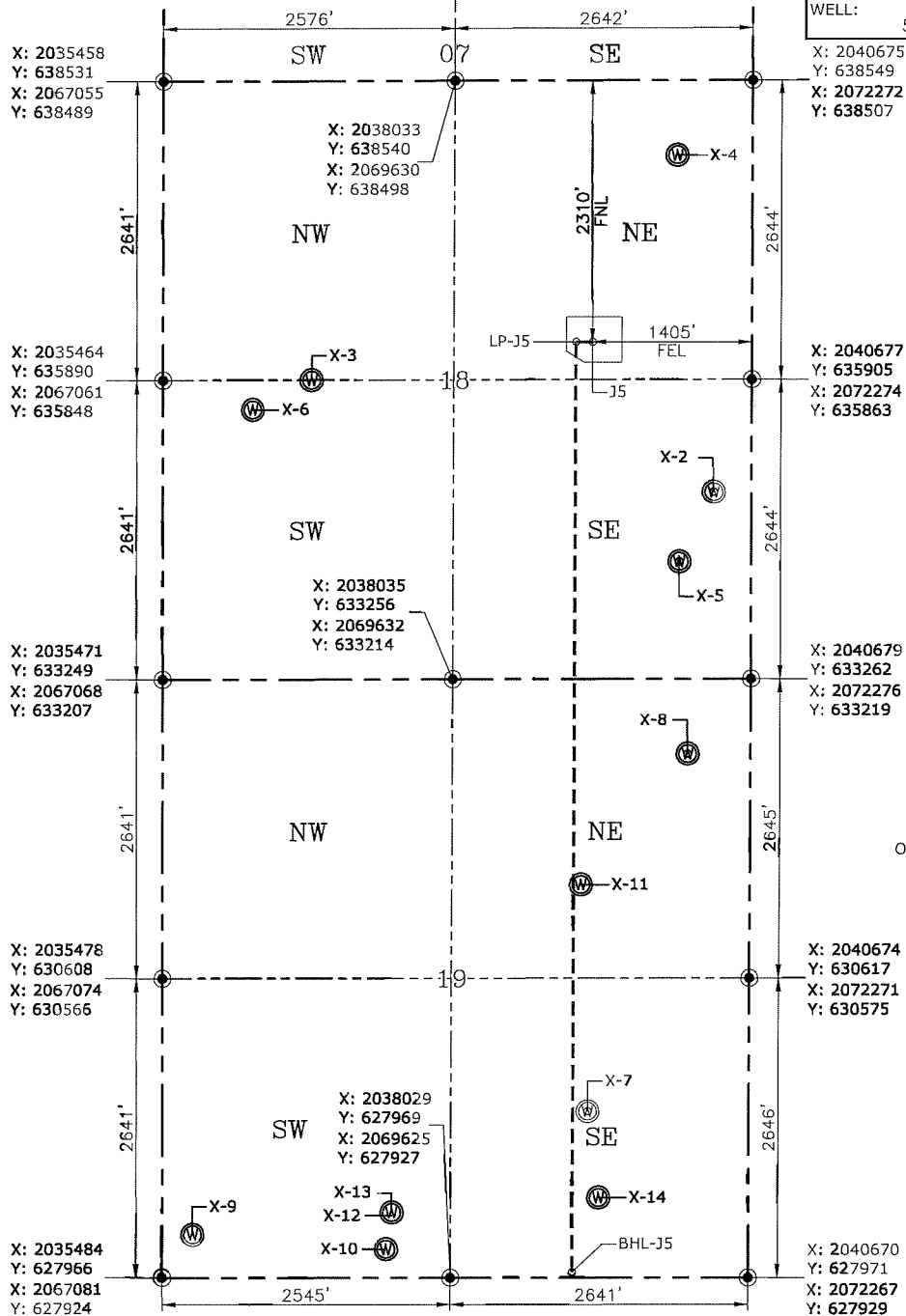
PETRO LAND SERVICES SOUTH, LLC

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
2310' FNL-1405' FEL Section 18 Township 7N Range 5W I.M.



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

CURRENT REV.: 1

Date Drawn: 06-06-19

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