

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

API NUMBER: 051 24680

Approval Date: 07/16/2019

Expiration Date: 01/16/2021

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

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

County: GRADY

SPOT LOCATION: ☐ SW ☐ NW ☐ NE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2125 1455

Lease Name: JACQUEZ

Well No: 2-18-19XHW

Well will be 1455 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
PO BOX 188
BLANCHARD OK 73010

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

Name	Depth	Name	Depth
1 WOODFORD	12217	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 621966

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903297
201903298
201903295
201903296

Special Orders:

Total Depth: 20397

Ground Elevation: 1189

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 240

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: 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 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: 19-36769

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: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 11740

Radius of Turn: 467

Direction: 185

Total Length: 7924

Measured Total Depth: 20397

True Vertical Depth: 12493

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

Notes:

Category

Description

DEEP SURFACE CASING

6/25/2019 - 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

6/25/2019 - 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

6/25/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201903295

7/2/2019 - GB1 - (I.O.) 18 & 19-7N-5W
X621966 WDFD
X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO MCCLAIN 1H-7X
COMPL. INT. (18-7N-5W) NCT 1320' FNL, NCT 0' FSL, NCT 330' FWL
COMPL. INT. (19-7N-5W) NCT 0' FNL, NCT 150' FSL, NCT 330' FWL
NO OP. NAMED
REC. 7/16/2019 (THOMAS)

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

051 24680 JACQUEZ 2-18-19XHW

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 - 201903296	7/2/2019 - 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	7/2/2019 - GB1 - 18-7N-5W X621966 WDFD 4 WELLS NO OP. NAMED REC. 7/16/2019 (THOMAS)
PENDING CD - 201903298	7/2/2019 - GB1 - 19-7N-5W X621966 WDFD 4 WELLS NO OP. NAMED REC. 7/16/2019 (THOMAS)
SPACING - 621966	7/2/2019 - GB1 - (640)(HOR) 18 & 19-7N-5W VAC 151109 MSSLM, HNTN 19-7N-5W VAC 163257 MSSLM, HNTN 18-7N-5W EST MSSP, WDFD, HNTN COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL COMPL. INT. (MSSP, HNTN) NLT 660' FB
WATERSHED STRUCTURE	6/25/2019 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 224-0523 PRIOR TO DRILLING

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.

EXHIBIT: A (1 of 2)
 SHEET: 8.5x14
 SHL: 18-7N-5W
 BHL-2 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: JACQUEZ 2-18-19XHW
 County GRADY State OK Well: --
 Operator CONTINENTAL RESOURCES, INC.

NAD-83						EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		
W2	JACQUEZ 2-18-19XHW	635378	2036921	35° 04' 44.42" N -97° 46' 16.77" W	35.079005 -97.771324	2125' FSL / 1455' FWL (SW/4 SEC 18)	1186.94' / 1188.70'
LP-2	LANDING POINT	635378	2036126	35° 04' 44.42" N -97° 46' 28.34" W	35.079003 -97.773982	2125' FSL / 660' FWL (SW/4 SEC 18)	--
BHL-2	BOTTOM HOLE LOCATION	628017	2038144	35° 03' 31.83" N -97° 46' 28.31" W	35.054787 -97.773978	50' FSL / 660' FWL (SW/4 SEC 19)	--
X-2	TROUT JOHN #1	634911	2040344	35° 04' 39.72" N -97° 45' 35.59" W	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" N -97° 46' 18.40" W	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" N -97° 45' 39.49" W	35.083870 -97.760969	18-7N-5W: TD: 7,600' 663' FNL / 662' FEL	--
X-5	WINBURN #1	634295	2040044	35° 04' 33.84" N -97° 45' 39.22" W	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" N -97° 46' 24.65" W	35.079705 -97.773514	18-7N-5W: TD: 19,915' 2,380' FSL / 800' FWL	--
X-7	CANTRELL #1-19	629440	2038250	35° 03' 45.84" N -97° 45' 48.91" W	35.082877 -97.763585	19-7N-5W: TD: 11,210' 1,470' FSL / 1,422' FEL	--
X-8	J.L. HOOPER #1	632596	2040124	35° 04' 18.83" N -97° 45' 38.31" W	35.071342 -97.760641	19-7N-5W: TD: 7,475' 664' FNL / 654' FEL	--
X-9	TRIPLE H #2-30-31HS	628347	2035753	35° 03' 34.90" N -97° 46' 31.01" W	35.058695 -97.775279	18-7N-5W: TD: 21,701' 380' FSL / 270' FWL	--
X-10	TRIPLE H #3-30-31HS	628218	2037463	35° 03' 33.59" N -97° 46' 10.44" W	35.058332 -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" N -97° 45' 49.61" W	35.068178 -97.783778	19-7N-5W: TD: 10,000' 1,819' FNL / 1,488' FEL	--
X-12	DYER #3-30-31XHW	628514	2037513	35° 03' 38.52" N -97° 46' 08.84" W	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' 38.82" N -97° 46' 08.84" W	35.060227 -97.769399	18-7N-5W: TD: 23,181' 576' FSL / 2,030' FWL	--
X-14	DYER #5-30-31XHW	628875	2039351	35° 03' 36.07" N -97° 45' 47.72" W	35.060574 -97.763255	19-7N-5W: TD: 23,210' 705' FSL / 1,320' FEL	--

NAD-27						EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		
W2	JACQUEZ 2-18-19XHW	635336	2088518	35° 04' 44.18" N -97° 46' 15.62" W	35.078939 -97.771008	2125' FSL / 1455' FWL (SW/4 SEC 18)	1186.94' / 1188.70'
LP-2	LANDING POINT	635334	2087723	35° 04' 44.18" N -97° 46' 25.18" W	35.078938 -97.773664	2125' FSL / 660' FWL (SW/4 SEC 18)	--
BHL-2	BOTTOM HOLE LOCATION	627975	2067741	35° 03' 31.39" N -97° 46' 25.17" W	35.058720 -97.773858	50' FSL / 660' FWL (SW/4 SEC 19)	--
X-2	TROUT JOHN #1	634869	2071941	35° 04' 39.48" N -97° 45' 34.55" W	35.077834 -97.759569	18-7N-5W: TD: UNKNOWN' 1,650' FSL / 333' FEL	--
X-3	WINBURN #1-18	635850	2088381	35° 04' 49.27" N -97° 46' 17.25" W	35.080354 -97.771458	18-7N-5W: TD: 7,500' 2,640' FSL / 1,320' FWL	--
X-4	MARY WINBURN #1-18	637841	2071810	35° 05' 08.89" N -97° 45' 38.34" W	35.085804 -97.760650	18-7N-5W: TD: 7,600' 663' FNL / 662' FEL	--
X-5	WINBURN #1	634253	2071641	35° 04' 33.40" N -97° 45' 38.07" W	35.075845 -97.760578	18-7N-5W: TD: 7,400' 1,035' FSL / 634' FEL	--
X-6	MCCLAIN #1H-7X	635589	2067882	35° 04' 46.70" N -97° 46' 23.51" W	35.079839 -97.773198	18-7N-5W: TD: 19,915' 2,380' FSL / 800' FWL	--
X-7	CANTRELL #1-19	629398	2070847	35° 03' 45.40" N -97° 45' 47.76" W	35.082810 -97.763267	19-7N-5W: TD: 11,210' 1,470' FSL / 1,422' FEL	--
X-8	J.L. HOOPER #1	632554	2071721	35° 04' 16.58" N -97° 45' 37.18" W	35.071275 -97.760323	19-7N-5W: TD: 7,475' 664' FNL / 654' FEL	--
X-9	TRIPLE H #2-30-31HS	628305	2067350	35° 03' 34.66" N -97° 46' 29.88" W	35.058628 -97.774981	19-7N-5W: TD: 21,701' 380' FSL / 270' FWL	--
X-10	TRIPLE H #3-30-31HS	628176	2059060	35° 03' 33.35" N -97° 46' 09.29" W	35.058285 -97.769248	19-7N-5W: TD: 21,771' 250' FSL / 1,980' FWL	--
X-11	MIDDLEBURG WEST SWD #1	631397	2070784	35° 04' 05.17" N -97° 45' 48.46" W	35.068104 -97.763481	18-7N-5W: TD: 10,000' 1,819' FNL / 1,488' FEL	--
X-12	DYER #3-30-31XHW	628472	2069110	35° 03' 38.26" N -97° 46' 08.89" W	35.060078 -97.769081	19-7N-5W: TD: 23,178' 546' FSL / 2,030' FWL	--
X-13	DYER #4-30-31XHW	628502	2069109	35° 03' 36.58" N -97° 46' 08.89" W	35.060161 -97.769081	19-7N-5W: TD: 23,181' 576' FSL / 2,030' FWL	--
X-14	DYER #5-30-31XHW	628833	2070946	35° 03' 37.83" N -97° 45' 48.57" W	35.060508 -97.762937	19-7N-5W: TD: 23,210' 705' FSL / 1,320' FEL	--

Certificate of Authorization No. 7318

Date Staked: **--19
 Date Drawn: 6-7-19

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

PLS

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	6-7-19	HOG	ISSUED FOR APPROVAL	--

EXHIBIT: A (2 of 2)
SHEET: 8.5x14
SHL: 18-7N-5W
BHL-2 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

GRADY

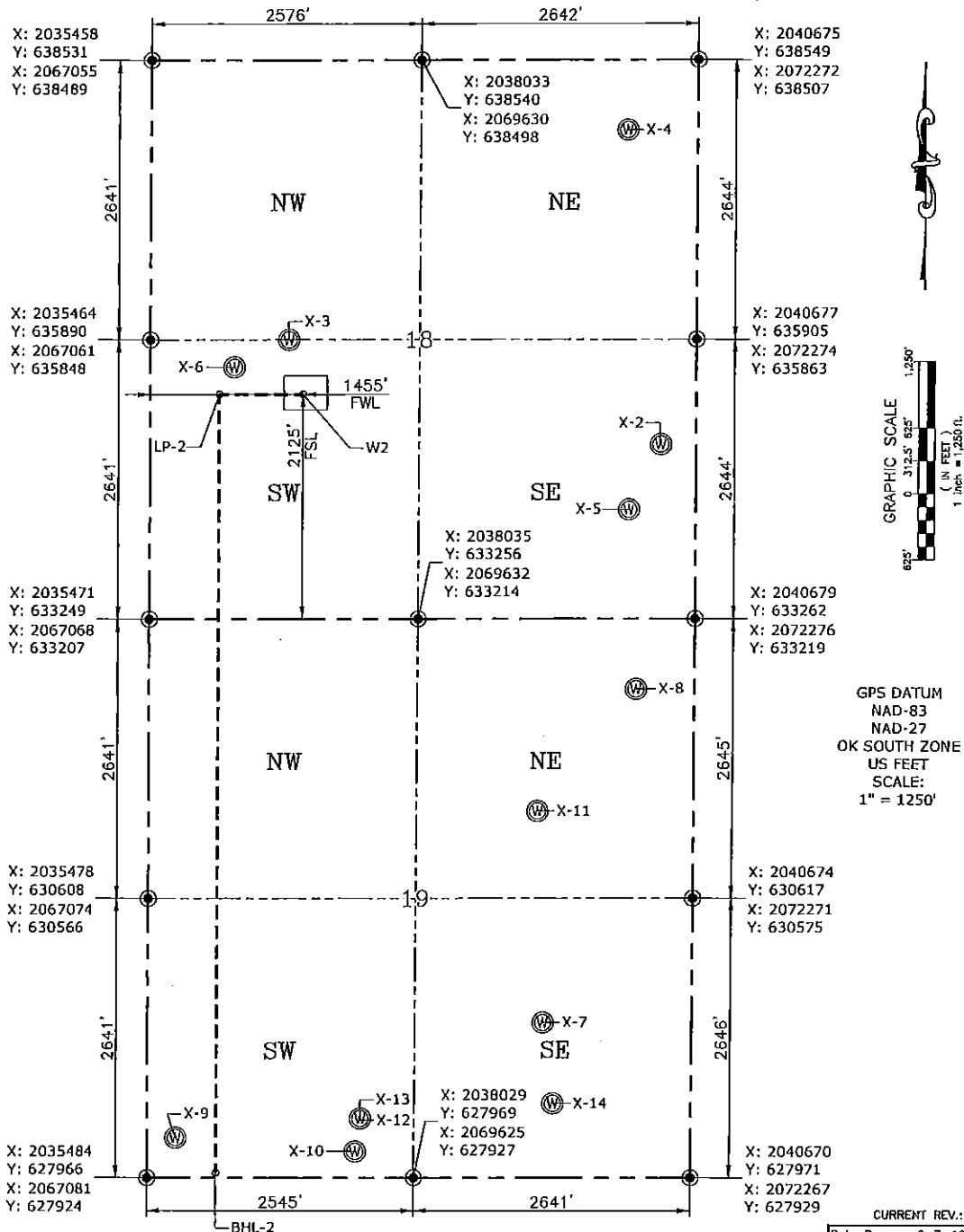
County Oklahoma

2125' FSL-1455' FWL Section 18 Township 7N Range 5W I.M.



CONTINENTAL
RESOURCES, INC.
(OPERATOR)

WELL: JACQUEZ
2-18-19XHW



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

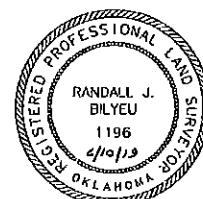
CURRENT REV.: 0

Date Drawn: 6-7-19

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