

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

API NUMBER: 051 24682

Approval Date: 07/23/2019

Expiration Date: 01/23/2021

Horizontal Hole  
Oil & Gas  
Multi Unit

PERMIT TO DRILL

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

County: GRADY

SPOT LOCATION: ☐ SW ☐ SW ☐ SW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 2315 2608

Lease Name: JACQUEZ

Well No: 4-18-19XHW

Well will be 2315 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	12123	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 621966

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903291  
201903292  
201903298  
201903297

Special Orders:

Total Depth: 20113

Ground Elevation: 1226

**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: 19-36688

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: SW SW SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 2574

Depth of Deviation: 11646

Radius of Turn: 461

Direction: 179

Total Length: 7743

Measured Total Depth: 20113

True Vertical Depth: 12393

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

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

6/27/2019 - 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

6/27/2019 - 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](http://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](http://FRACFOCUS.ORG)

#### MEMO

6/27/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

#### PENDING CD - 201903291

7/23/2019 - GB1 - (I.O.) 18 & 19-7N-5W

X621966 WDFD

X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO DYER 3-30-31XHW, DYER 4-30-31XHW, DYER 5-30-31XHW, MCCLAIN 4-18-7XHW

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

COMPL. INT. (19-7N-5W) NCT 0' FNL, NCT 150' FSL, NCT 1320' FEL

NO OP. NAMED

REC. 7/16/2019 (THOMAS)

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

051 24682 JACQUEZ 4-18-19XHW

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 - 201903292	7/23/2019 - 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	7/23/2019 - GB1 - 18-7N-5W X621966 WDFD 4 WELLS NO OP. NAMED REC. 7/16/2019 (THOMAS)
PENDING CD - 201903298	7/23/2019 - GB1 - 19-7N-5W X621966 WDFD 4 WELLS NO OP. NAMED REC. 7/16/2019 (THOMAS)
SPACING - 621966	7/23/2019 - GB1 - (640)(HOR) 18 & 19-7N-5W VAC OTHERS EST WDFD, OTHERS POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
WATERSHED STRUCTURE	6/27/2019 - 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 4)  
 SHEET: 8.5x11  
 SHL: 18-7N-5W  
 BHL-M4 7-7N-5W  
 BHL-J4 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 4-18-7XHWCounty GRADY State OKWell: JACQUEZ 4-18-19XHWOperator CONTINENTAL RESOURCES, INC.

## NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
M4	MCCLAIN 4-18-7XHW	636225	2038038	35° 04' 52.77" -97° 46' 03.30"	35.081326 -97.767583	2315' FNL / 2638' FEL (NE/4 SEC 18)	1227.65'	1226.30'
LP-M4	LANDING POINT	636495	2038037	35° 04' 55.44" -97° 46' 03.31"	35.082068 -97.767586	2045' FNL / 2640' FEL (NE/4 SEC 18)	--	--
BHL-M4	BOTTOM HOLE LOCATION	643773	2038017	35° 06' 07.44" -97° 46' 03.35"	35.102065 -97.767597	50' FNL / 2574' FWL (NW/4 SEC 7)	--	--
J4	JACQUEZ 4-18-19XHW	636225	2038068	35° 04' 52.77" -97° 46' 02.94"	35.081325 -97.767482	2315' FNL / 2608' FEL (NE/4 SEC 18)	1225.77'	1226.30'
LP-J4	LANDING POINT	636225	2038103	35° 04' 52.78" -97° 46' 02.52"	35.081326 -97.767367	2315' FNL / 2574' FEL (NE/4 SEC 18)	--	--
BHL-J4	BOTTOM HOLE LOCATION	628019	2038096	35° 03' 31.61" -97° 46' 02.83"	35.058780 -97.767454	50' FSL / 2574' 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: 5-31-19



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

## REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	5-31-19	TJW	ISSUED FOR APPROVAL	--
01	6-11-19	HG	ADDED JACQUEZ 4	REV'D ALL SHEETS
02	6-14-19	HG	REV'D MCCLAIN 4 BHL	REV'D SHEETS A(1-3)

EXHIBIT: A (2 of 4)  
 SHEET: 8.5x11  
 SHL: 18-7N-5W  
 BHL-M4 7-7N-5W  
 BHL-J4 19-7N-5W



## COVER SHEET CONTINUED...

### 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 4-18-7XHW  
 County GRADY State OK Well: JACQUEZ 4-18-19XHW  
 Operator CONTINENTAL RESOURCES, INC.

NAD-27							EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE			
M4	MCCLAIN 4-18-7XHW	636183	2069635	35° 04' 52.53" -97° 46' 02.15"	35.081259 -97.767264	2315' FNL / 2638' FEL (NE/4 SEC 18)	1227.65'	1226.30'
LP-M4	LANDING POINT	636453	2069634	35° 04' 55.20" -97° 46' 02.16"	35.082001 -97.767268	2045' FNL / 2640' FEL (NE/4 SEC 18)	--	--
BHL-M4	BOTTOM HOLE LOCATION	643731	2069614	35° 06' 07.20" -97° 46' 02.20"	35.102000 -97.767278	50' FNL / 2574' FWL (NW/4 SEC 7)	--	--
J4	JACQUEZ 4-18-19XHW	636183	2069665	35° 04' 52.53" -97° 46' 01.79"	35.081259 -97.767164	2315' FNL / 2608' FEL (NE/4 SEC 18)	1225.77'	1226.30'
LP-J4	LANDING POINT	636183	2069700	35° 04' 52.54" -97° 46' 01.38"	35.081260 -97.767049	2315' FNL / 2574' FEL (NE/4 SEC 18)	--	--
BHL-J4	BOTTOM HOLE LOCATION	627977	2069693	35° 03' 31.37" -97° 46' 01.69"	35.058713 -97.767136	50' FSL / 2574' FEL (SE/4 SEC 19)	--	--
X-1	CARLIN FARMS #1	640474	2068370	35° 05' 35.00" -97° 46' 17.27"	35.093057 -97.771463	7-7N-5W:   TD: 7,523'   1,980' FSL / 1,320' FWL	--	--
X-2	TROUT JOHN #1	634869	2071941	35° 04' 39.48" -97° 45' 34.45"	35.077634 -97.759569	18-7N-5W:   TD: UNKNOWN'   1,650' FSL / 333' FEL	--	--
X-3	WINBURN #1-18	635850	2068381	35° 04' 49.27" -97° 46' 17.25"	35.080354 -97.771458	18-7N-5W:   TD: 7,500'   2,640' FSL / 1,320' FWL	--	--
X-4	MARY WINBURN #1-18	637841	2071610	35° 05' 08.89" -97° 45' 38.34"	35.085804 -97.760650	18-7N-5W:   TD: 7,600'   663' FNL / 662' FEL	--	--
X-5	WINBURN #1	634253	2071641	35° 04' 33.40" -97° 45' 38.07"	35.075945 -97.760576	18-7N-5W:   TD: 7,400'   1,035' FSL / 634' FEL	--	--
X-6	MCCLAIN #1H-7X	635589	2067862	35° 04' 46.70" -97° 46' 23.51"	35.079639 -97.773196	18-7N-5W:   TD: 19,915'   2,380' FSL / 800' FWL	--	--
X-7	CANTRELL #1-19	629398	2070847	35° 03' 45.40" -97° 45' 47.76"	35.062610 -97.763267	19-7N-5W:   TD: 11,210'   1,470' FSL / 1,422' FEL	--	--
X-8	J.L. HOOPER #1	632554	2071721	35° 04' 18.59" -97° 45' 37.16"	35.071275 -97.760323	19-7N-5W:   TD: 7,475'   664' FNL / 554' FEL	--	--
X-9	TRIPLE H #2-30-31HS	628305	2067350	35° 03' 34.66" -97° 46' 29.86"	35.059628 -97.774961	19-7N-5W:   TD: 21,701'   380' FSL / 270' FWL	--	--
X-10	TRIPLE H #3-30-31HS	628176	2069060	35° 03' 33.35" -97° 46' 09.29"	35.059265 -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" -97° 45' 48.46"	35.068104 -97.763461	19-7N-5W:   TD: 10,000'   1,819' FNL / 1,488' FEL	--	--
X-12	DYER #3-30-31XHW	628472	2069110	35° 03' 36.28" -97° 46' 08.69"	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" -97° 46' 08.69"	35.060161 -97.769081	19-7N-5W:   TD: 23,181'   576' FSL / 2,030' FWL	--	--
X-14	DYER #5-30-31XHW	628633	2070948	35° 03' 37.83" -97° 45' 46.57"	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: 5-31-19



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

CURRENT REV.: 2

EXHIBIT: A (4 of 4)  
SHEET: 8.5x14  
SHL: 18-7N-5W  
BHL-J4 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



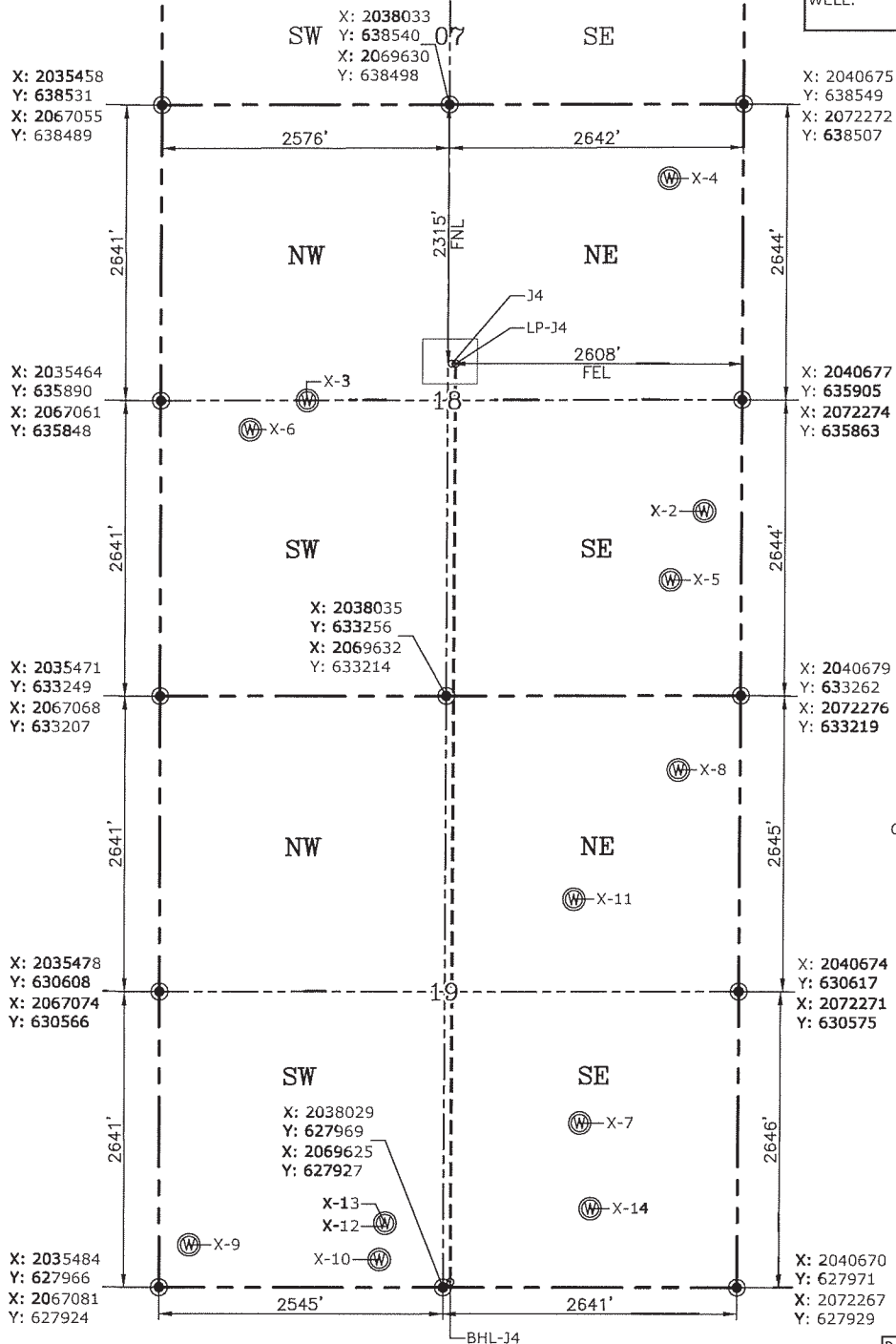
CONTINENTAL  
RESOURCES, INC  
(OPERATOR)

GRADY

County Oklahoma

2315' FNL-2608' FEL Section 18 Township 7N Range 5W I.M.

WELL: JACQUEZ  
4-18-19XHW



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.

Oklahoma PLS No.1985 DATE