

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

API NUMBER: 051 24658

Approval Date: 06/17/2019
Expiration Date: 12/17/2020

Horizontal Hole
Multi Unit
Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 7N Rge: 5W County: GRADY
SPOT LOCATION: E2 SW SE NW
FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 2310 1915

Lease Name: MCCLAIN Well No: 2-18-7XHW Well will be 1915 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	MISSISSIPPIAN	11830	6	
2	WOODFORD	12102	7	
3	HUNTON	12212	8	
4			9	
5			10	

Spacing Orders: 621966 Location Exception Orders: Increased Density Orders: 696506
696505

Pending CD Numbers: 201901045
201901046

Special Orders:

Total Depth: 19397 Ground Elevation: 1225 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 250

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) PERMIT NO: 19-36687
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 07 Twp 7N Rge 5W County GRADY

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1551

Depth of Deviation: 11105

Radius of Turn: 477

Direction: 355

Total Length: 7542

Measured Total Depth: 19397

True Vertical Depth: 12212

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

Notes:

Category

Description

DEEP SURFACE CASING

6/6/2019 - 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

6/6/2019 - 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

INCREASED DENSITY - 696505

6/14/2019 - G58 - 18-7N-5W
X621966 WDFD
4 WELLS
CONTINENTAL RESOURCES, INC.
5/22/2019

INCREASED DENSITY - 696506

6/14/2019 - G58 - 7-7N-5W
X621966 WDFD
4 WELLS
CONTINENTAL RESOURCES, INC.
5/22/2019

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 24658 MCCLAIN 2-18-7XHW

Category	Description
MEMO	6/6/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201901045	6/14/2019 - G58 - (I.O.) 7 & 18-7N-5W X621966 MSSP, WDFD, HNTN COMPL. INT. 18-7N-5W NCT 150' FSL, NCT 0' FNL, NCT 1320' FWL COMPL. INT. 7-7N-5W NCT 0' FSL, NCT 150' FNL, NCT 1320' FWL NO OP. NAMED REC 4/30/2019 (DENTON)
PENDING CD - 201901046	6/14/2019 - G58 - (I.O.) 7 & 18-7N-5W EST MULTIUNIT HORIZONTAL WELL X621966 MSSP, WDFD, HNTN (MSSP, HNTN ARE ADJACENT CSS TO WDFD) 67% 7-7N-5W 33% 18-7N-5W NO OP. NAMED REC 4/30/2019 (DENTON)
SPACING - 621966	6/14/2019 - G58 - (640)(HOR) 7 & 18-7N-5W VAC 151109 MSSLM, HNTN EST MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
WATERSHED STRUCTURE	6/6/2019 - 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

EXHIBIT: A (1 of 4)
SHEET: 8.5x11
SHL: 18-7N-5W
BHL-2 7-7N-5W
BHL-4 19-7N-5W



051-24658

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 2-18-7XHW

County GRADY State OK

Well: JACQUEZ 4-18-19XHW

Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	MCCLAIN 2-18-7XHW	636228	2037378	35° 04' 52.82" -97° 46' 11.24"	35.081338 -97.769789	2310' FNL / 1915' FWL (NW/4 SEC 18)	1225.66'	1224.96'
LP-2	LANDING POINT	636226	2037015	35° 04' 52.81" -97° 46' 15.62"	35.081337 -97.771005	2310' FNL / 1551' FWL (NW/4 SEC 18)	--	--
BHL-2	BOTTOM HOLE LOCATION	643768	2036994	35° 06' 07.41" -97° 46' 15.66"	35.102057 -97.771017	50' FNL / 1551' FWL (NW/4 SEC 07)	--	--
W4	JACQUEZ 4-18-19XHW	636228	2037408	35° 04' 52.82" -97° 46' 10.88"	35.081338 -97.769689	2310' FNL / 1945' FWL (NW/4 SEC 18)	1226.12'	1224.96'
LP-4	LANDING POINT	636229	2037676	35° 04' 52.82" -97° 46' 07.66"	35.081339 -97.768796	2310' FNL / 2212' FWL (NW/4 SEC 18)	--	--
BHL-4	BOTTOM HOLE LOCATION	628018	2037696	35° 03' 31.61" -97° 46' 07.64"	35.058781 -97.768790	50' FSL / 2212' FWL (SW/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' 1,170' FSL / 664' 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: 06-04-19



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	06-04-19	TJW	ISSUED FOR APPROVAL	--

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

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			
W2	MCCLAIN 2-18-7XHW	636186	2068975	35° 04' 52.58" -97° 46' 10.10"	35.081272 -97.769471	2310' FNL / 1915' FWL (NW/4 SEC 18)	1225.66'	1224.96'
LP-2	LANDING POINT	636184	2068611	35° 04' 52.57" -97° 46' 14.47"	35.081270 -97.770687	2310' FNL / 1551' FWL (NW/4 SEC 18)	--	--
BHL-2	BOTTOM HOLE LOCATION	643726	2068591	35° 06' 07.17" -97° 46' 14.51"	35.101992 -97.770698	50' FNL / 1551' FWL (NW/4 SEC 07)	--	--
W4	JACQUEZ 4-18-19XHW	636186	2069005	35° 04' 52.58" -97° 46' 09.73"	35.081272 -97.769371	2310' FNL / 1945' FWL (NW/4 SEC 18)	1226.12'	1224.96'
LP-4	LANDING POINT	636187	2069272	35° 04' 52.58" -97° 46' 06.52"	35.081273 -97.768477	2310' FNL / 2212' FWL (NW/4 SEC 18)	--	--
BHL-4	BOTTOM HOLE LOCATION	627976	2069293	35° 03' 31.37" -97° 46' 06.50"	35.058715 -97.768472	50' FSL / 2212' FWL (SW/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' 1,170' FSL / 664' 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' 16.59" -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: 06-04-19



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

CURRENT REV.: 0

EXHIBIT: A (3 of 4)
SHEET: 8.5x14
SHL: 18-7N-5W
BHL-2 7-7N-5W

PETRO LAND SERVICES SOUTH, LLC

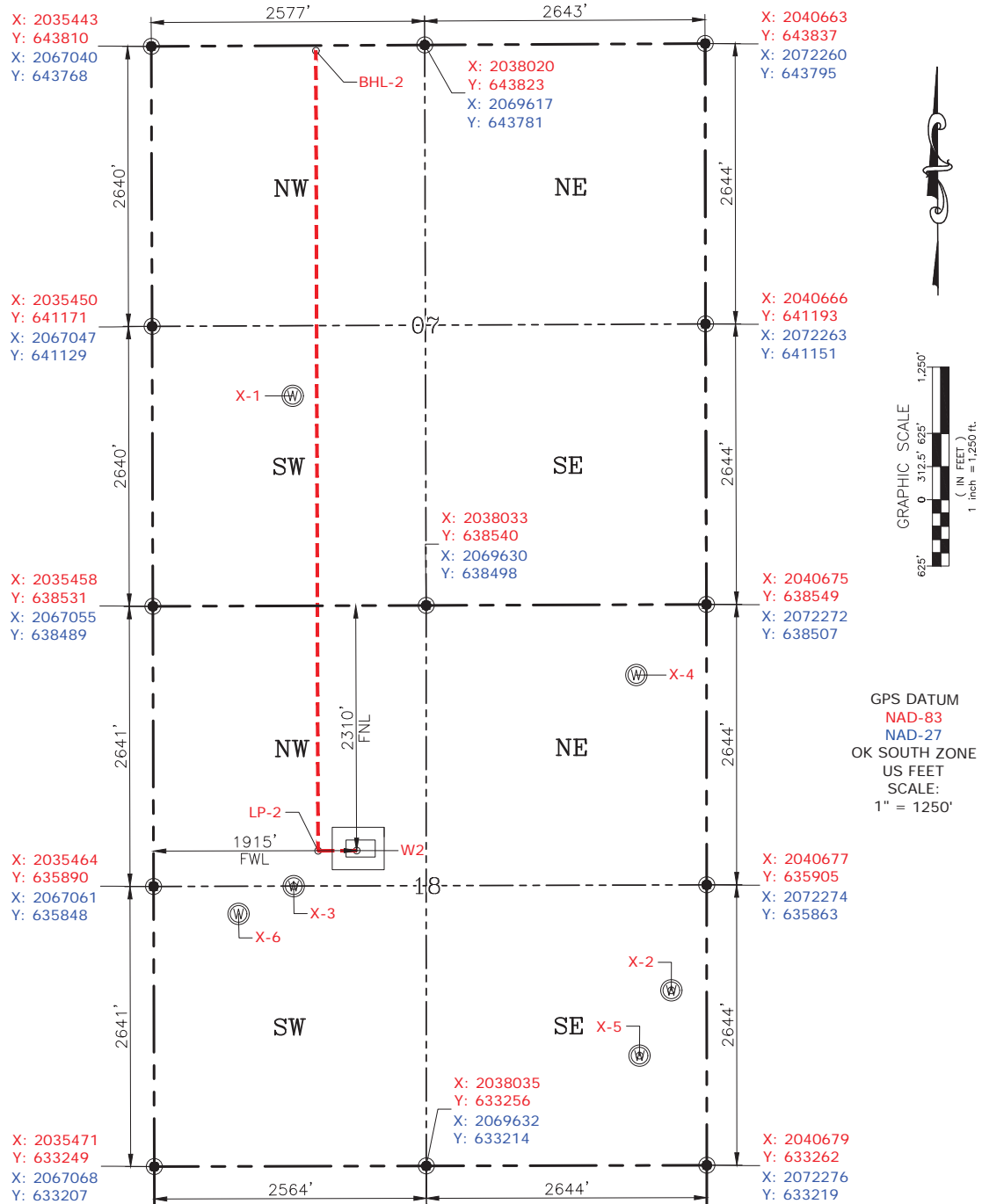
10400 VINEYARD BLVD, SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC.
(OPERATOR)

GRADY County Oklahoma
2310' FNL-1915' FWL Section 18 Township 7N Range 5W 1.M.

WELL: MCCLAIN 2-18-7XHW



CURRENT REV.: 0

Date Drawn: 06-04-19

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