

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

API NUMBER: 051 24610

Approval Date: 04/10/2019

Expiration Date: 10/10/2020

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 7N Rge: 5W

County: GRADY

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 270 1530

Lease Name: WHEELER

Well No: 2-6-7XHS

Well will be 270 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

WILLIAM ROYCE HOLLAND
PO BOX 890244
OKLAHOMA CITY OK 73059

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

Name	Depth	Name	Depth
1 SPRINGER	12266	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 131103

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901559
201901560
201901557
201901558

Special Orders:

Total Depth: 22626

Ground Elevation: 1178

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 390

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: 19-36449

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 6N 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: 1467

Depth of Deviation: 11638

Radius of Turn: 315

Direction: 181

Total Length: 10493

Measured Total Depth: 22626

True Vertical Depth: 12408

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

Notes:

Category

Description

DEEP SURFACE CASING

4/2/2019 - 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

4/2/2019 - 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

4/2/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201901559

4/5/2019 - G58 - (I.O.) 6 & 7-6N-5W
EST MULTIUNIT HORIZONTAL WELL
X131103 SPRG
50% 6-6N-5W
50% 7-6N-5W
NO OP. NAMED
REC 4/2/2019 (DENTON)

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 24610 WHEELER 2-6-7XHS

Category	Description
PENDING CD - 201901560	4/5/2019 - G58 - (I.O.) 6 & 7-6N-5W X131103 SPRG X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO THE TRIPLE H 3-30-31HS WELL COMPL. INT. 6-6N-5W NCT 150' FNL, NCT 0' FSL, NCT 660' FWL COMPL. INT. 7-6N-5W NCT 0' FNL, NCT 150' FSL, NCT 660' FWL NO OP. NAMED REC 4/2/2019 (DENTON)
SPACING - 131103	4/5/2019 - G58 - (640) 6 & 7-6N-5W EXT 106361 SPRG, OTHERS
WATERSHED STRUCTURE	4/2/2019 - 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 2)
 SHEET: 8.5x11
 SHL: 31-7N-5W
 BHL-2 7-6N-5W



051-24610

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 31 Township 7N Range 5W I.M.

Well: WHEELER 2-6-7XHS

County GRADY State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	WHEELER 2-6-7XHS	617680	2037045	35° 01' 49.37" -97° 46' 15.76"	35.030380 -97.771044	270' FSL / 1530' FWL (SW/4 SEC 31)	1178.80'	1178.01'
LP-2	LANDING POINT	617359	2036983	35° 01' 46.20" -97° 46' 16.52"	35.029500 -97.771254	50' FNL / 1467' FWL (NW/4 SEC 6)	--	--
BHL-2	BOTTOM HOLE LOCATION	606866	2036995	35° 00' 02.41" -97° 46' 16.65"	35.000670 -97.771293	50' FSL / 1467' FWL (SW/4 SEC 7)	--	--
X-1	WHEELER #1-6XH	616910	2037236	35° 01' 41.75" -97° 46' 13.48"	35.028264 -97.770412	6-6N-5W: TD: 21,961' 500' FNL / 1,720' FWL	--	--
X-2	DYER #7-31-30XHW	617044	2040344	35° 01' 43.01" -97° 45' 36.11"	35.028613 -97.760030	6-6N-5W: TD: 22,846' 376' FNL / 330' FEL	--	--
X-3	SMITH #1-6	612636	2040252	35° 00' 59.40" -97° 45' 37.34"	35.016501 -97.760373	6-6N-5W: TD: 12,731' 530' FSL / 430' FEL	--	--
X-4	JACKSON #1-7	607152	2037917	35° 00' 05.22" -97° 46' 05.56"	35.001449 -97.768211	7-6N-5W: TD: 13,517' 330' FSL / 2,390' FWL	--	--

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	WHEELER 2-6-7XHS	617638	2068642	35° 01' 49.13" -97° 46' 14.62"	35.030313 -97.770727	270' FSL / 1530' FWL (SW/4 SEC 31)	1178.80'	1178.01'
LP-2	LANDING POINT	617317	2068579	35° 01' 45.96" -97° 46' 15.37"	35.029433 -97.770937	50' FNL / 1467' FWL (NW/4 SEC 6)	--	--
BHL-2	BOTTOM HOLE LOCATION	606824	2068592	35° 00' 02.17" -97° 46' 15.51"	35.000602 -97.770976	50' FSL / 1467' FWL (SW/4 SEC 7)	--	--
X-1	WHEELER #1-6XH	616868	2068833	35° 01' 41.51" -97° 46' 12.34"	35.028197 -97.770094	6-6N-5W: TD: 21,961' 500' FNL / 1,720' FWL	--	--
X-2	DYER #7-31-30XHW	617002	2071941	35° 01' 42.76" -97° 45' 34.96"	35.028545 -97.759712	6-6N-5W: TD: 22,846' 376' FNL / 330' FEL	--	--
X-3	SMITH #1-6	612594	2071848	35° 00' 59.16" -97° 45' 36.20"	35.016434 -97.760055	6-6N-5W: TD: 12,731' 530' FSL / 430' FEL	--	--
X-4	JACKSON #1-7	607110	2069514	35° 00' 04.97" -97° 46' 04.42"	35.001381 -97.767893	7-6N-5W: TD: 13,517' 330' FSL / 2,390' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: **--**--19
 Date Drawn: 3-22-19



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	3-22-19	TJW	ISSUED FOR APPROVAL	--

EXHIBIT: A (2 of 2)
SHEET: 8.5x14
SHL: 31-7N-5W
BHL-2 7-6N-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
270' FSL-1530' FWL Section 31 Township 7N Range 5W I.M.

WELL: WHEELER 2-6-7XHS

X: 2035506
Y: 620044
X: 2067103
Y: 620002

X: 2040672
Y: 620059
X: 2072269
Y: 620017

X: 2035516
Y: 617405
X: 2067112
Y: 617363

X: 2040673
Y: 617421
X: 2072270
Y: 617379

X: 2035517
Y: 614750
X: 2067114
Y: 614709

X: 2040679
Y: 614754
X: 2072276
Y: 614712

X: 2035518
Y: 612097
X: 2067115
Y: 612055

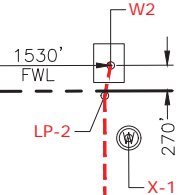
X: 2040682
Y: 612107
X: 2072279
Y: 612065

X: 2035523
Y: 609458
X: 2067119
Y: 609416

X: 2040691
Y: 609467
X: 2072287
Y: 609425

X: 2035528
Y: 606807
X: 2067125
Y: 606765

X: 2040699
Y: 606828
X: 2072296
Y: 606786



GPS DATUM
NAD-83
NAD-27
OK SOUTH ZONE
US FEET
SCALE:
1" = 1600'

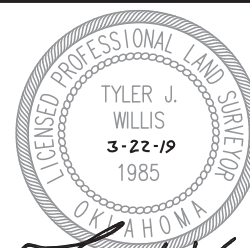
CURRENT REV.: 0

Date Drawn: 3-22-19

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, 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.



Tyler J. Willis
Oklahoma PLS No.1985 DATE