

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

API NUMBER: 051 24555

Approval Date: 01/18/2019

Expiration Date: 07/18/2020

Horizontal Hole Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 7N Rge: 6W

County: GRADY

SPOT LOCATION: NW SE SE SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 343 2211

Lease Name: WILKERSON

Well No: 3-17-20XHS

Well will be 343 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 268870
OKLAHOMA CITY, OK 73126-9000

PAUL & KAY BROWN
2185 COUNTRY STREET 2880
CHICKASHA OK 73018

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

Name	Depth	Name	Depth
1 SPRINGER	12370	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 164772
136547

Location Exception Orders:

Increased Density Orders: 688350

Pending CD Numbers: 201810719
201810718
201810866

Special Orders:

Total Depth: 18630

Ground Elevation: 1131

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 550

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-36051

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 20 Twp 7N Rge 6W 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: 2420

Depth of Deviation: 13308

Radius of Turn: 409

Direction: 178

Total Length: 4679

Measured Total Depth: 18630

True Vertical Depth: 12947

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

Notes:

Category

Description

DEEP SURFACE CASING

1/7/2019 - 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

1/7/2019 - 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 - 688350

1/18/2019 - GA8 - 20-7N-6W
X136547 SPRG
5 WELLS
CONTINENTAL RESOURCES, INC.
12/14/2018

MEMO

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

Category	Description
PENDING CD - 201810718	1/18/2019 - GA8 - (I.O.) 17 & 20-7N-6W EST MULTUNIT HORIZONTAL WELL X164772 SPRG 17-7N-6W X136547 SPRG 20-7N-6W 5% 17-7N-6W 95% 20-7N-6W CONTINENTAL RESOURCES, INC. REC 1/14/2019 (NORRIS)
PENDING CD - 201810719	1/18/2019 - GA8 - (I.O.) 17 & 20-7N-6N X164772 SPRG 17-7N-6W X136547 SPRG 20-7N-6W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL COMPL. INT. (17-7N-6W) NCT 1320' FNL, NCT 0' FSL, NCT 1320' FEL OR FWL COMPL. INT. (20-7N-6W) NCT 0' FNL, NCT 150' FSL, NCT 1320' FEL OR FWL CONTINENTAL RESOURCES, INC. REC 1/14/2019 (NORRIS)
PENDING CD - 201810866	1/18/2019 - GA8 - 17-7N-6W X164772 SPRG 2 WELLS CONTINENTAL RESOURCES, INC. HEARING 1/22/2019
SPACING - 136547	1/18/2019 - GA8 - (640) 20-7N-6W EST OTHER EXT 107496 SPRG, OTHERS
SPACING - 164772	1/18/2019 - GA8 - (640) 17-7N-6W EST OTHERS EXT OTHERS EXT 136547 SPRG, OTHERS

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Office of the Conservation Division as to when Surface Casing will be run.