

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

API NUMBER: 051 24159 A

Approval Date: 06/19/2017

Expiration Date: 12/19/2017

Horizontal Hole Oil & Gas

Amend reason: ADD FORMATION; UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 7N Rge: 7W

County: GRADY

SPOT LOCATION: S2 SW SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 185 330

Lease Name: DANSIL

Well No: 1-15-10XH

Well will be 185 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

EDWARD L. SCHENK  
312 COUNTY ROAD 1420  
CHICKASHA OK 73018

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	13314	6	
2	WOODFORD	15114	7	
3			8	
4			9	
5			10	

Spacing Orders: 626617  
667688  
671741

Location Exception Orders: 672143

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 25289

Ground Elevation: 1090

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 570

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 17-32463

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

## HORIZONTAL HOLE 1

Sec 10 Twp 7N Rge 7W County GRADY

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 14692

Radius of Turn: 477

Direction: 360

Total Length: 9848

Measured Total Depth: 25289

True Vertical Depth: 15114

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

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

6/19/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

#### HYDRAULIC FRACTURING

6/19/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://FRACFOCUS.ORG/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

#### LOCATION EXCEPTION - 672143

5/16/2018 - G75 - (I.O.) 15 & 10-7N-7W  
X667688 MSSP, WDFD, OTHERS 15-7N-7W  
X626617 MSSP, WDFD, OTHER 10-7N-7W  
SHL (15-7N-7W) NCT 100' FSL, NCT 200' FWL  
COMPL. INT. (15-7N-7W) NCT 150' FSL, NCT 0' FNL, NCT 330' FWL  
COMPL. INT. (10-7N-7W) NCT 0' FSL, NCT 150' FNL, NCT 330' FWL  
CONTINENTAL RESOURCES, INC.  
1-12-2018

#### MEMO

6/19/2017 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER); PIT 1 - WBM CUTTINGS TO BE SOIL FARMED; PIT 2 - OBM TO VENDOR, OBM CUTTINGS TO DEQ APPROVED FACILITIES (PAULS VALLEY LANDFILL, GARVIN CO., # 3525009 OR SOUTHERN PLAINS LANDFILL, GRADY CO., # 3526013)

#### SPACING - 626617

5/16/2018 - G75 - (640) 10-7N-7W  
EXT OTHER  
EST MSSP, WDFD, OTHERS

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

051 24159 DANSIL 1-15-10XH

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
SPACING - 667688	5/16/2018 - G75 - (640) 15-7N-7W VAC OTHERS EXT OTHER EXT 626617 MSSP, WDFD, OTHER
SPACING - 671741	5/16/2018 - G75 - (I.O.) 15 & 10-7N-7W EST MULTIUNIT HORIZONTAL WELL X667688 MSSP, WDFD, OTHER 15-7N-7W X626617 MSSP, WDFD, OTHER 10-7N-7W (MSSP ASSOCIATED COMMON SOURCE OF SUPPLY TO WDFD) 50% 15-7N-7W 50% 10-7N-7W CONTINENTAL RESOURCES, INC. 1-3-2018