

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

API NUMBER: 039 22538 A

Approval Date: 04/27/2018
Expiration Date: 10/27/2018

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: ADD MISSISSIPPIAN FORMATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 14N Rge: 14W County: CUSTER
SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 219 1870

Lease Name: WILD GOOSE Well No: 1-29-20XHW Well will be 219 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

KENNETH RUDDELL ETUX LIVING TRUST
608 SOUTH TEXAS AVE
MIDWEST CITY OK 73130

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	13339	6	
2	WOODFORD	15743	7	
3			8	
4			9	
5			10	

Spacing Orders: 676463
676464
99558
678741

Location Exception Orders: 680499

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 25858 Ground Elevation: 1673 Surface Casing: 500 Depth to base of Treatable Water-Bearing FM: 410

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34199
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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 20 Twp 14N Rge 14W County CUSTER

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 30

Feet From: EAST 1/4 Section Line: 1870

Depth of Deviation: 15023

Radius of Turn: 477

Direction: 360

Total Length: 10086

Measured Total Depth: 25858

True Vertical Depth: 15800

End Point Location from Lease,
Unit, or Property Line: 30

Notes:

Category

Description

HYDRAULIC FRACTURING

4/23/2018 - 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

LOCATION EXCEPTION - 680499

2/13/2019 - G58 - (I.O.) 20 & 29-14N-14W
X99558 MSSP
X676464 WDFD
X676463 WDFD
COMPL. INT. (29-14N-14W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL
COMPL. INT. (20-14N-14W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL
NO OP. NAMED
6/23/2018

MEMO

4/23/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 676463

4/27/2018 - G58 - (640) 20-14N-14W
EXT 587607 WDFD

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

039 22538 WILD GOOSE 1-29-20XHW

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 - 676464	4/27/2018 - G58 - (640) 29-14N-14W EXT 587607 WDFD
SPACING - 678741	2/13/2019 - G58 - (I.O.) 20 & 29-14N-14W EST MULTIUNIT HORIZONTAL WELL X99558 MSSP X676464 WDFD X676463 WDFD 50% 29-14N-14W 50% 20-14N-14W NO OP. NAMED 6/5/2018
SPACING - 99558	2/13/2019 - G58 - (640) 20 & 29-14N-14W EST OTHERS EXT 65656/65966 MSSP, OTHERS
SURFACE CASING	4/23/2018 - G71 - MIN. 500' PER ORDER 42589

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