

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

API NUMBER: 011 24051 A

Approval Date: 05/09/2019
Expiration Date: 11/09/2020

Horizontal Hole Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 16N Rge: 11W County: BLAINE
SPOT LOCATION: NW NE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 286 1962

Lease Name: BLONDIE Well No: 2-6-7-18XHM Well will be 286 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

TRACY & CHRISTY MATLI
RT 2 BOX 346
WATONGA OK 73772

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	9897	6
2			7
3			8
4			9
5			10

Spacing Orders: 656866 Location Exception Orders: 683179 Increased Density Orders: 678940
647450 678938
647043 678939
683178

Pending CD Numbers:

Special Orders:

Total Depth: 25683 Ground Elevation: 1628 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 100

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

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-34457

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 18 Twp 16N Rge 11W County BLAINE

Spot Location of End Point: SW SW SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 2445

Depth of Deviation: 9625

Radius of Turn: 477

Direction: 184

Total Length: 15309

Measured Total Depth: 25683

True Vertical Depth: 10568

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

Notes:

Category

Description

DEEP SURFACE CASING

5/9/2019 - 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

5/9/2019 - 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 - 678938

7/23/2018 - G58 - 7-16N-11W
X647043 MSSP
2 WELLS
CONTINENTAL RESOURCES, INC.
6/8/2018

INCREASED DENSITY - 678939

7/23/2018 - G58 - 6-16N-11W
X656866 MSSP
2 WELLS
CONTINENTAL RESOURCES, INC.
6/8/2018

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Category	Description
INCREASED DENSITY - 678940	7/23/2018 - G58 - 18-16N-11W X647050 MSSP 2 WELLS CONTINENTAL RESOURCES, INC. 6/8/2018
INTERMEDIATE CASING	5/9/2019 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
LOCATION EXCEPTION - 683179	5/9/2019 - G58 - (I.O.) 6, 7, & 18-16N-11W X656866 MSSP 6-16N-11W X647043 MSSP 7-16N-11W X647450 MSSP 18-16N-11W COMPL. INT. (6-16N-11W) NCT 150' FNL, NCT 0' FSL, NCT 1320' FWL COMPL. INT. (7-16N-11W) NCT 0' FNL, NCT 0' FSL, NCT 1320' FWL COMPL. INT. (18-16N-11W) NCT 0' FNL, NCT 150' FSL, NCT 1320' FWL CONTINENTAL RESOURCES, INC. 9/18/2018
MEMO	5/9/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 647043	7/23/2018 - G58 - (640) 7-16N-11W VAC 486551 CSTR, OTHERS EST MSSP, OTHERS
SPACING - 647450	7/23/2018 - G58 - (640)(HOR) 18-16N-11W VAC 488525 CSTR, OTHER EST MSSP, OTHERS COMPL. INT. NCT 660' FB
SPACING - 656866	7/23/2018 - G58 - (640) 6-16N-11W EXT OTHER EXT 647043 MSSP, OTHERS
SPACING - 683178	5/9/2019 - G58 - (I.O.) 6, 7, & 18-16N-11W EST MULTIUNIT HORIZONTAL WELL X656866 MSSP 6-16N-11W X647043 MSSP 7-16N-11W X647450 MSSP 18-16N-11W 33% 6-16N-11W 34% 7-16N-11W 33% 18-16N-11W CONTINENTAL RESOURCES, INC. 9/18/2018

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