

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

API NUMBER: 011 23598 A

Approval Date: 01/10/2019

Expiration Date: 07/10/2020

Horizontal Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 08 Twp: 14N Rge: 13W

County: BLAINE

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 150 1650

Lease Name: WATSON NORTH

Well No: 1-8-17XH

Well will be 150 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

DICKEY FAMILY, LLC
9208 N. KELLY AVENUE
OKLAHOMA CITY OK 73131

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	13110	6	
2	WOODFORD	13960	7	
3			8	
4			9	
5			10	

Spacing Orders: 654234
688457
653428

Location Exception Orders: 683219

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 23907

Ground Elevation: 1488

Surface Casing: 1500 IP

Depth to base of Treatable Water-Bearing FM: 50

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

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.

HORIZONTAL HOLE 1

Sec 17 Twp 14N Rge 13W County BLAINE

Spot Location of End Point: SW SW SE SW

Feet From: SOUTH 1/4 Section Line: 148

Feet From: WEST 1/4 Section Line: 1636

Depth of Deviation: 13264

Radius of Turn: 643

Direction: 180

Total Length: 9633

Measured Total Depth: 23907

True Vertical Depth: 14136

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

Notes:

Category

Description

DEEP SURFACE CASING

4/4/2016 - 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

8/14/2017 - G58 - 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: [HTTP://WWW.OCCWEB.COM/OG/OGFORMS.HTML](http://www.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 [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/)

INTERMEDIATE CASING

4/4/2016 - 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 - 683219

1/10/19 - G60 - (F.O.) 8 & 17-14N-13W
X653428 MSSP, WDFD 8-14N-13W
X654234 MSSP, WDFD 17-14N-13W
SHL 150' FNL, 1650' FWL 8-14N-13W
COMPL. INT. (8-14N-13W)
FIRST PERF WDFD 411' FNL, 1743' FWL
FIRST PERF MSSP 2098' FNL, 1654' FWL
LAST PERF MSSP 733' FSL, 1622' FWL
LAST PERF WDFD 38' FSL, 1631' FWL
COMPL. INT. (17-14N-13W)
FIRST PERF WDFD 18' FNL, 1631' FWL
FIRST PERF MSSP 568' FNL, 1640' FWL
LAST PERF MSSP 1500' FSL, 1654' FWL
LAST PERF MSSP 244' FSL, 1638' FWL
CONTINENTAL RESOURCES, INC.
9/19/18

MEMO

4/4/2016 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM RETURNED TO VENDOR, OBM CUTTINGS PERMITTED PER DISTRICT

SPACING - 653428

4/7/2016 - G60 - (640) 8-14N-13W
VAC OTHERS
VAC 123117 MCSTR, OTHERS
EST WDFD, OTHERS
EXT OTHERS
EXT 648711 MSSP

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

011 23598 WATSON NORTH 1-8-17XH

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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 - 654234	4/7/2016 - G60 - (640) 17-14N-13W VAC 123117 MCSTR EXT 648711 MSSP EXT 581995 WDFD, OTHER
SPACING - 688457	1/10/2019 - G60 - (F.O.) 8 & 17-14N-13W EST MULTIUNIT HORIZONTAL WELL X653428 MSSP, WDFD 8-14N-13W X654234 MSSP, WDFD 17-14N-13W (MSSP IS AN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 49.21% 8-14N-13W 50.79% 17-14N-13W CONTINENTAL RESOURCES, INC. 12/18/18

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