

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

API NUMBER: 049 25291

Approval Date: 05/09/2019

Expiration Date: 11/09/2020

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 3N Rge: 4W

County: GARVIN

SPOT LOCATION:

SW

NW

NW

NW

FEET FROM QUARTER: FROM

NORTH

FROM

WEST

SECTION LINES:

373

286

Lease Name: COLLINS 0404

Well No: 1-31-30WXH

Well will be 286 feet from nearest unit or lease boundary.

Operator  
Name: MARATHON OIL COMPANY

Telephone: 4057205508

OTC/OCC Number: 1363 0

MARATHON OIL COMPANY  
7301 NW EXPRESSWAY STE 225  
OKLAHOMA CITY, OK 73132-1590

TYLER REAL ESTATE HOLDING, JOE TYLER  
5400 SOUTH HATTIE AVE  
OKLAHOMA CITY OK 73129

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	13409	6	
2	WOODFORD	13961	7	
3			8	
4			9	
5			10	

Spacing Orders: 646397  
382424

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901791  
201901790  
201901789

Special Orders:

Total Depth: 24061

Ground Elevation: 1029

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 400

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: 5000 Average: 3000

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 BED AQUIFER

Pit Location Formation: DUNCAN

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

PERMIT NO: 19-36584

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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 30 Twp 4N Rge 4W County GARVIN

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 375

Depth of Deviation: 13266

Radius of Turn: 382

Direction: 357

Total Length: 10195

Measured Total Depth: 24061

True Vertical Depth: 13961

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

Notes:

Category

Description

DEEP SURFACE CASING

5/7/2019 - 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

5/7/2019 - 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](http://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](http://FRACFOCUS.ORG)

MEMO

5/7/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201901789

5/8/2019 - G56 - (640) 30-4N-4W  
VAC 218926 SCMR  
EXT 643398 MSSP  
REC 4/9/2019 (M. PORTER)

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

049 25291 COLLINS 0404 1-31-30WXH

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
PENDING CD - 201901790	5/8/2019 - G56 - (I.O.) 30 & 31-4N-4W ESTABLISH MULTIUNIT HORIZONTAL WELL X201901789 MSSP 30-4N-4W X382424 WDFD 30-4N-4W X646397 MSSP, WDFD 31-4N-4W (MSSP IS AN ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 50% 30-4N-4W 50% 31-4N-4W NO OP NAMED REC 4/9/2019 (M. PORTER)
PENDING CD - 201901791	5/8/2019 - G56 - (I.O.) 30 & 31-4N-4W X201901789 MSSP 30-4N-4W X382424 WDFD 30-4N-4W X646397 MSSP, WDFD 31-4N-4W COMPL INT (31-4N-4W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (30-4N-4W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL NO OP NAMED REC 4/9/2019 (M. PORTER)
SPACING - 382424	5/8/2019 - G56 - (640) 30-4N-4W EXT 352916 WDFD
SPACING - 646397	5/7/2019 - G56 - (640) 31-4N-4W EXT OTHERS EXT 382424 WDFD EST MSSP
WATERSHED STRUCTURE	5/7/2019 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 238-7233 PRIOR TO DRILLING

