

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

API NUMBER: 049 25177 A

Approval Date: 12/28/2017  
Expiration Date: 06/28/2018

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION FOR BOTTOM-HOLE  
LOCATION

AMEND PERMIT TO DRILL

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

County: GARVIN

SPOT LOCATION:  NE  NE  NE  SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 2436 220

Lease Name: LUIGI 0304

Well No: 1-5-32WXH

Well will be 220 feet from nearest unit or lease boundary.

Operator Name: MARATHON OIL COMPANY

Telephone: 7132962003

OTC/OCC Number: 1363 0

MARATHON OIL COMPANY  
5555 SAN FELIPE ST  
HOUSTON, TX 77056-2701

MICHAEL RAY BLOUGH ROBIN GAI TRUST  
402 ROBERSON  
LINDSAY OK 73052

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	13695	6	
2	WOODFORD	14201	7	
3	HUNTON	14312	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201705822  
201707691  
201707692  
201705820

Special Orders:

Total Depth: 21364

Ground Elevation: 1082

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 360

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: 17-33448

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 32 Twp 4N Rge 4W County GARVIN

Spot Location of End Point: N2 NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 13071

Radius of Turn: 382

Direction: 357

Total Length: 7693

Measured Total Depth: 21364

True Vertical Depth: 14312

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

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

12/21/2017 - 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

12/21/2017 - 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

12/21/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

#### PENDING CD - 201705820

12/27/2017 - G57 - (I.O.)(640)(HOR) 32-4N-4W  
VAC 396543 SCMR, WDFD, HNTN, OTHER  
EXT OTHER  
EXT 643391 MSSP, WDFD, HNTN  
POE TO BHL (MSSP, HNTN) NLT 660' FB  
POE TO BHL (WDFD) NLT 330' FB  
REC 10-9-2017 (M. PORTER)

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.

049 25177 LUIGI 0304 1-5-32WXH

Category	Description
PENDING CD - 201705822	12/27/2017 - G57 - (I.O.)(640)(HOR) 5-3N-4W EXT 658538/659832/663306 MSSP, WDFD, HNTN, OTHER POE TO BHL (MSSP, HNTN) NLT 660' FB POE TO BHL (WDFD) NLT 330' FB REC 10-9-2017 (M. PORTER)
PENDING CD - 201707691	12/27/2017 - G57 - (I.O.) 5-3N-4W, 32-4N-4W EST MULTIUNIT HORIZONTAL WELL X201705822 MSSP, WDFD, HNTN 5-3N-4W X201705820 MSSP, WDFD, HNTN 32-4N-4W (MSSP & HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 33% 5-3N-4W 67% 32-4N-4W MARATHON OIL COMPANY REC 12-11-2017 (THOMAS)
PENDING CD - 201707692	12/27/2017 - G57 - (I.O.) 5-3N-4W, 32-4N-4W X201705822 MSSP, WDFD, HNTN 5-3N-4W X201705820 MSSP, WDFD, HNTN 32-4N-4W COMPL. INT. (5-3N-4W) NCT 1320' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (32-4N-4W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL NO OP. NAMED REC. 12-11-2017 (THOMAS)

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