

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

API NUMBER: 049 25279

Approval Date: 03/13/2019

Expiration Date: 09/13/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

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

SPOT LOCATION: ☐ NE ☐ SE ☐ NE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 1908 243

Lease Name: YOSHI 0304

Well No: 1-5-32SXH

Well will be 243 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

MICHAEL AND ROBIN BLOUGH
402 ROBBERSON
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 SPRINGER	12475	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 671679
671678
677311

Location Exception Orders: 676456

Increased Density Orders:

Pending CD Numbers: 201900588

Special Orders:

Total Depth: 20275

Ground Elevation: 1089

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 340

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: 19-36203

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: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 375

Depth of Deviation: 12013

Radius of Turn: 803

Direction: 358

Total Length: 7000

Measured Total Depth: 20275

True Vertical Depth: 12475

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

Notes:

Category

Description

DEEP SURFACE CASING

2/4/2019 - 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

2/4/2019 - 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

LOCATION EXCEPTION - 676456

3/12/2019 - GB1 - (I.O.) 5-3N-4W & 32-4N-4W
X671679 SPRG 5-3N-4W
X671678 SPRG 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
MARATHON OIL COMPANY
4/18/2018

MEMO

2/4/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

049 25279 YOSHI 0304 1-5-32SXH

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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
PENDING CD - 201900588	3/13/2019 - GB1 - 5-3N-4W X671379 SPRG 3 WELLS NO OP. NAMED REC. 3/11/2019 (THOMAS)
SPACING - 671678	3/11/2019 - GB1 - (640)(HOR) 32-4N-4W VAC OTHERS EXT OTHERS EXT 659519 SPRG COMPL. INT. NLT 660' FB
SPACING - 671679	3/11/2019 - GB1 - (640)(HOR) 5-3N-4W EXT 658538/659832/663306 SPRG, OTHERS COMPL. INT. NLT 660' FB
SPACING - 677311	3/12/2019 - GB1 - (I.O.) 5-3N-4W & 32-4N-4W EST MULTIUNIT HORIZONTAL WELL X671679 SPRG 5-3N-4W X671678 SPRG 32-4N-4W 33% 5-3N-4W 67% 32-4N-4W MARATHON OIL COMPANY 5/4/2018