

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

API NUMBER: 049 25119

Approval Date: 03/31/2017  
Expiration Date: 09/30/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 3N Rge: 4W County: GARVIN  
SPOT LOCATION:  NW  NW  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 220 290

Lease Name: RALPH 0304 Well No: 1-11-2WXH 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

JONES PERRY FAMILY  
PO BOX 151  
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	12829	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 659164  
659225

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201701182  
201701183

Special Orders:

Total Depth: 23218

Ground Elevation: 1143

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 180

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32348

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

HORIZONTAL HOLE 1

Sec 02 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 12437

Radius of Turn: 462

Direction: 2

Total Length: 10055

Measured Total Depth: 23218

True Vertical Depth: 13426

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

Notes:

Category

Description

DEEP SURFACE CASING

3/30/2017 - 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

3/30/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

MEMO

3/30/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201701182

3/31/2017 - G60 - (I.O.) 2 & 11-3N-4W  
X659164 WDFD (11-3N-4W)  
X659228 WDFD (2-3N-4W)  
COMPL. INT. (11-3N-4W) NCT 150' FSL, NCT 0' FNL, NCT 330' FWL  
COMPL. INT. (2-3N-4W) NCT 0' FSL, NCT 150' FNL, NCT 330' FWL  
NO OP. NAMED  
REC. 3/20/17 (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.

Category	Description
PENDING CD - 201701183	3/31/2017 - G60 - (I.O.) 2 & 11-3N-4W EST MULTIUNIT HORIZONTAL WELL X659164 WDFD (11-3N-4W) X659228 WDFD (2-3N-4W) 50% 11-3N-4W 50% 2-3N-4W NO OP. NAMED REC. 3/20/17 (M. PORTER)
SPACING - 659164	3/31/2017 - G60 - (640)(HOR) 11-3N-4W EXT 617886 WDFD, OTHERS COMPL. INT. NLT 165' FNL/FSL, NLT 330' FEL/FWL (COEXIST WITH SP. ORDER 349600 WDFD NE4)
SPACING - 659228	3/31/2017 - G60 - (640)(HOR) 2-3N-4W EST WDFD, OTHERS COMPL. INT. NLT 165' FNL/FSL, NLT 330' FEL/FWL (COEXIST WITH SP. ORDER 351246 WDFD)
SURFACE CASING	3/30/2017 - G71 - MIN. 300' PER ORDER 27640

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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.

