

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

API NUMBER: 051 24142 A

Approval Date: 05/08/2017
Expiration Date: 05/08/2018

Horizontal Hole Oil & Gas

Amend reason: CHANGE BOTTOM HOLE LOCATION, FORMATION
DEPTH, & TOTAL DEPTH; UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 5N Rge: 5W County: GRADY
SPOT LOCATION: SW SW SE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 2425 1120

Lease Name: LIGHTNER 0505

Well No: 4-18-19WXH

Well will be 1120 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

DARRELL LIGHTNER
PO BOX 2513
CHICKASHA OK 73023

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

| Name | Depth | Name | Depth |
|------------|-------|------|-------|
| 1 WOODFORD | 13705 | 6 | |
| 2 | | 7 | |
| 3 | | 8 | |
| 4 | | 9 | |
| 5 | | 10 | |

Spacing Orders: 192589
394369
665106

Location Exception Orders: 664464

Increased Density Orders:

Pending CD Numbers: 201701445
201701442
201701446
201701443

Special Orders:

Total Depth: 21340

Ground Elevation: 1092

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 190

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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

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

PERMIT NO: 17-32347

H. SEE MEMO

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

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 18 Twp 5N Rge 5W County GRADY

Spot Location of End Point: N2 NW NW NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 2310

Depth of Deviation: 12552

Radius of Turn: 462

Direction: 350

Total Length: 7429

Measured Total Depth: 21340

True Vertical Depth: 13705

End Point Location from Lease,

Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

5/4/2017 - 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

5/4/2017 - 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

LOCATION EXCEPTION - 664464

6/23/2017 - G64 - (I.O.) 19 & 18-5N-5W
X394369 WDFD 18-5N-5W
X192589 WDFD 19-5N-5W
SHL (19-5N-5W) 2425' FNL, 1120' FEL
COMPL. INT. (19-5N-5W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL
COMPL. INT. (18-5N-5W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL
MARATHON OIL COMPANY
6-6-2017

MEMO

5/4/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201701442

5/5/2017 - G64 - (I.O.) 18-5N-5W
X394369 WDFD
3 WELLS
NO OP. NAMED
REC. 4-18-2017 (M. PORTER)

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

051 24142 LIGHTNER 0505 4-18-19WXH

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 - 201701443 | 5/5/2017 - G64 - (I.O.) 18-5N-5W X165:10-3-28(C)(2)(B) WDFD LIGHTNER 0505 1-18-19WXH, LIGHTNER 0505 2-18-19WXH, LIGHTNER 0505 3-18-19WXH & LIGHTNER 0505 4-18-19WXH MAY BE CLOSER THAN 600' FROM ONE ANOTHER MARATHON OIL COMPANY REC. 4-18-2017 (M. PORTER) |
| PENDING CD - 201701445 | 5/5/2017 - G64 - (I.O.) 19-5N-5W X192589 WDFD 3 WELLS NO OP. NAMED REC. 4-18-2017 (M. PORTER) |
| PENDING CD - 201701446 | 5/5/2017 - G64 - (I.O.) 19-5N-5W X165:10-3-28(C)(2)(B) WDFD LIGHTNER 0505 1-18-19WXH, LIGHTNER 0505 2-18-19WXH, LIGHTNER 0505 3-18-19WXH & LIGHTNER 0505 4-18-19WXH MAY BE CLOSER THAN 600' FROM ONE ANOTHER MARATHON OIL COMPANY REC. 4-18-2017 (M. PORTER) |
| SPACING - 192589 | 5/5/2017 - G64 - (640) 19-5N-5W EST WDFD, OTHERS |
| SPACING - 394369 | 5/5/2017 - G64 - (640) 18-5N-5W EXT 192589/173116 WDFD, OTHERS |
| SPACING - 665106 | 6/23/2017 - G64 - (I.O.) 19 & 18-5N-5W EST MULTIUNIT HORIZONTAL WELL X394369 WDFD 18-5N-5W X192589 WDFD 19-5N-5W 34% 19-5N-5W 66% 18-5N-5W MARATHON OIL COMPANY 6-21-2017 |

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.

Marathon Oil Company
7301 NW Expressway, Suite 225
Oklahoma City, OK 73132
Telephone: 405.720.5508
Fax: 405.720.5562
clpratt@marathonoil.com

10/24/2017

Oklahoma Corporation Commission
2101 North Lincoln Blvd
Oklahoma City, Ok 73105

Re: Marathon Oil Company
Request for Permit Extension
Lightner 0505 4-18-19WXH
Sec 19-5N-5W
2425' FNL & 1120' FEL
Grady County, Oklahoma

APE 051-24142 A

Marathon Oil Company respectfully requests a six month extension to the Lightner 0505 4-18-19WXH current permit. This permit is set expire 11/8/2017.

If you have any additional questions or comments please call me at (405) 720-5508. My fax number is (405) 720-5562.

Sincerely,



Carol Pratt
Marathon Oil Company
Regulatory Compliance Representative

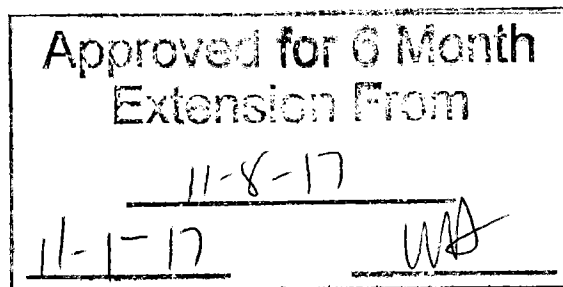


Marathon Oil

permit ex 11/8/17

Surety ex 8/15/18

operator # 1363



RECEIVED

OCT 25 2017

**OKLAHOMA CORPORATION
COMMISSION**