API NUMBER: 051 24182

Horizontal Hole Oil & Gas

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

Approval Date: 08/21/2017
Expiration Date: 02/21/2018

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 6N Rge: 6W County: GRADY

SPOT LOCATION: SE NE NW SE

FEET FROM QUARTER: FROM **SOUTH** FROM **EAST**

SECTION LINES: **2300** **1460**

**Lease Name: WINTER CREEK 0606** **Well No: 1-25-24MXH** **Well will be 1460 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

ROBERT C WILLIAMS & MARCIA M. WILLIAMS
294 COUNTY STREET 2925
ALEX OK 73002

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

| | Name | Depth | | Name | Depth |
|---|---|---|---|---|---|
| 1 | MISSISSIPPIAN | 13478 | 6 | | |
| 2 | | | 7 | | |
| 3 | | | 8 | | |
| 4 | | | 9 | | |
| 5 | | | 10 | | |

Spacing Orders: 153801
665831
614562

Location Exception Orders: 664321

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 20998 Ground Elevation: 1032 **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

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32836

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 24 Twp 6N Rge 6W County GRADY

Spot Location of End Point: NE NE NE NE

Feet From: NORTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 12957

Radius of Turn: 462

Direction: 12

Total Length: 7315

Measured Total Depth: 20998

True Vertical Depth: 13809

End Point Location from Lease,
Unit, or Property Line: 150

Notes:

| Category | Description |
|---|---|
| DEEP SURFACE CASING | 8/14/2017 - G58 - 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 | 8/14/2017 - G58 - OCC 165:10-3-10 REQUIRES:<br><br>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;<br><br>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: HTTP://WWW.OCCEWEB.COM/OG/OGFORMS.HTML; AND,<br><br>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 HTTP://FRACFOCUS.ORG/ |
| LOCATION EXCEPTION - 664321 | 8/21/2017 - G60 - (I.O.) 24 & 25-6N-6W<br>X153801 (24-6N-6W) MSSP<br>X614562 (25-6N-6W)<br>COMPL. INT. (25-6N-6W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL<br>COMPL. INT. (24-6N-6W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL<br>MARATHON OIL CO.<br>6/2/17 |
| MEMO | 8/14/2017 - G58 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS REQUIRED, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT |

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 |
| --- | --- |
| SPACING - 153801 | 8/21/2017 - G60 - (640) 24-6N-6W<br>EXT 147146 MSSP, OTHERS<br>EXT OTHERS |
| SPACING - 614562 | 8/21/2017 - G60 - (640) 25-6N-6W<br>VAC 416684 SCMR<br>EST MSSP, OTHER |
| SPACING - 665831 | 8/21/2017 - G60 - (I.O.) 24 & 25-6N-6W<br>EST MULTIUNIT HORIZONTAL WELL<br>X153801 (24-6N-6W) MSSP<br>X614562 (25-6N-6W) MSSP<br>68% 24-6N-6W<br>32% 25-6N-6W<br>MARATHON OIL CO.<br>7/12/17 |

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.

3505124182

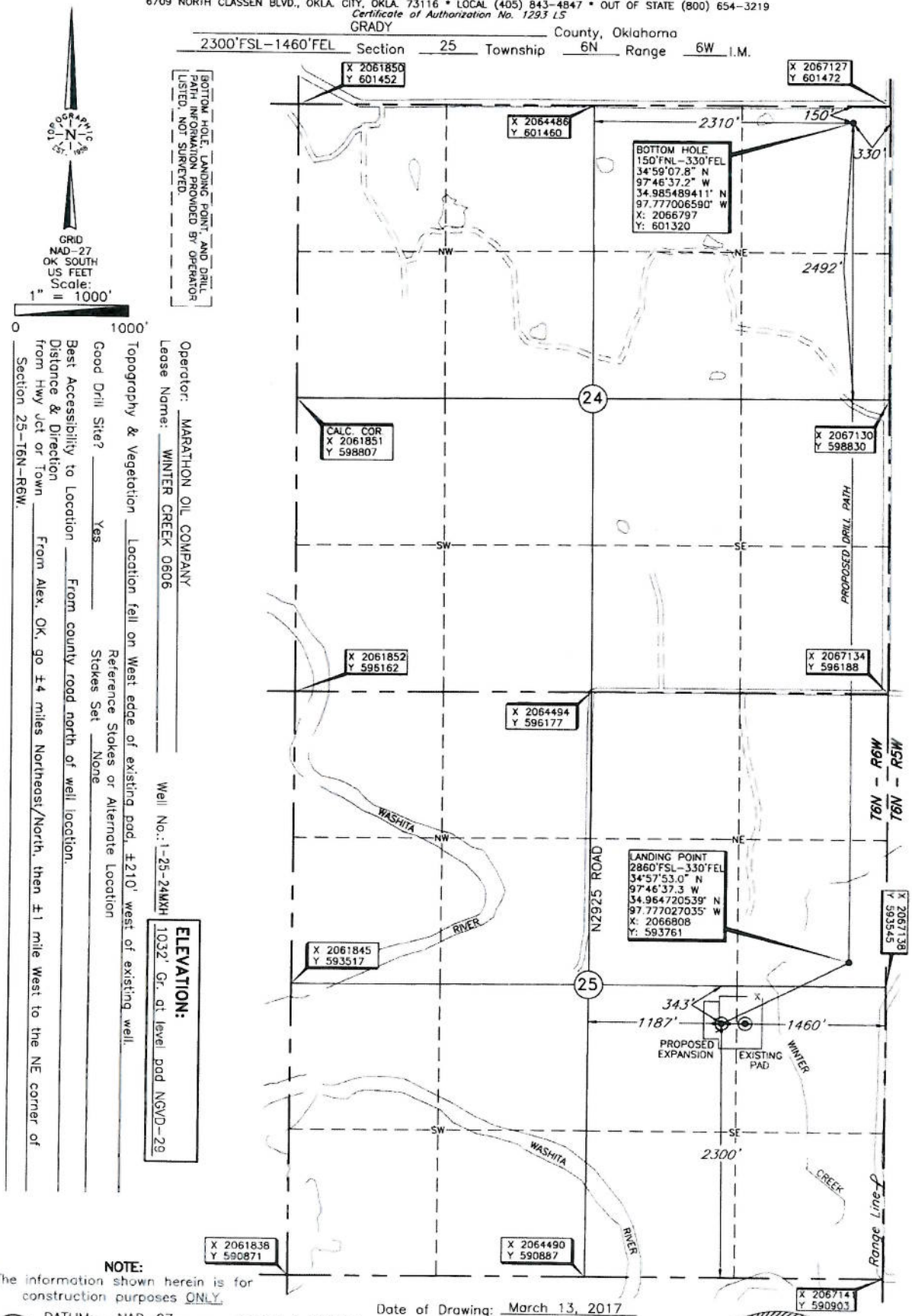
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

*Certificate of Authorization No. 1293 LS*

GRADY County, Oklahoma

2300'FSL–1460'FEL Section 25 Township 6N Range 6W I.M.




Operator: MARATHON OIL COMPANY

Lease Name: WINTER CREEK 0606 Well No.: 1-25-24MXH

Topography & Vegetation Location fell on West edge of existing pad, ±210' west of existing well.

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From county road north of well location.

Distance & Direction from Hwy Jct or Town From Alex, OK, go ±4 miles Northeast/North, then ±1 mile West to the NE corner of Section 25-T6N-R6W.

**ELEVATION:**
1032' Gr. at level pad NGVD-29

**NOTE:**
The information shown herein is for construction purposes ONLY.

Date of Drawing: March 13, 2017

Invoice # 269711 Date Staked: Feb. 21, 2017 JGW

This information was gathered with a GPS receiver with a 1.0 accuracy.

DATUM: NAD-27
LAT: 34°57'47.4"N
LONG: 97°46'50.9"W
LAT: 34.963169815° N
LONG: 97.780799919° W

STATE PLANE COORDINATES (US Feet):
ZONE: OK SOUTH
X: 2065678
Y: 593195

**CERTIFICATE:**

I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell

Oklahoma Lic. No. 1433

LICENSED PROFESSIONAL LAND SURVEYOR
THOMAS L. HOWELL
1433
3-13-17
OKLAHOMA