

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

API NUMBER: 073 25669

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 16N Rge: 7W

County: KINGFISHER

SPOT LOCATION:  NE  NW  NW  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 210 540

Lease Name: WHITE 1607

Well No: 1-130H

Well will be 210 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

WILLIAM F WHITE AND MARGIE WHITE  
2507 NANTUCKET DR.  
SHERMAN TX 75092

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7305	6	
2 WOODFORD	7972	7	
3		8	
4		9	
5		10	

Spacing Orders: 97408  
167951

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201702464  
201702465  
201702466  
201702633

Special Orders:

Total Depth: 12464

Ground Elevation: 1088

**Surface Casing: 1000**

Depth to base of Treatable Water-Bearing FM: 160

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

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

Is depth to top of ground water greater than 10ft below base of pit? Y

H. SEE MEMO

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

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 13 Twp 16N Rge 7W County KINGFISHER

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 350

Depth of Deviation: 6843

Radius of Turn: 462

Direction: 183

Total Length: 4895

Measured Total Depth: 12464

True Vertical Depth: 7972

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

Notes:

Category

Description

DEEP SURFACE CASING

6/7/2017 - 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

6/7/2017 - 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

6/7/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201702464

6/8/2017 - G60 - (640)(HOR) 13-16N-7W  
EXT 642830 MSSP, WDFD  
COMPL. INT. (MSSP) NLT 660' FB  
COMPL. INT. (WDFD) NLT NCT 165' FNL/FSL, NCT 330' FEL/FWL  
(COEXIST WITH SP. ORDER 87408 MNNG AND SP. ORDER 167951 MSSLM)  
REC. 5/15/17 (NORRIS)

PENDING CD - 201702465

6/8/2017 - G60 - (I.O.) 13-16N-7W  
X201702464 MSSP, WDFD  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL  
NO OP. NAMED  
REC. 5/15/17

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.

Category

PENDING CD - 201702466

Description

6/8/2017 - G60 - 13-16N-7W  
X165:10-3-28(C)(2)(B) WHITE 1607 1-130H MSSP  
MAY BE CLOSER THAN 600' TO ERNEST 1 WELL  
MARATHON OIL CO.  
REC. 5/15/17 (NORRIS)

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.

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

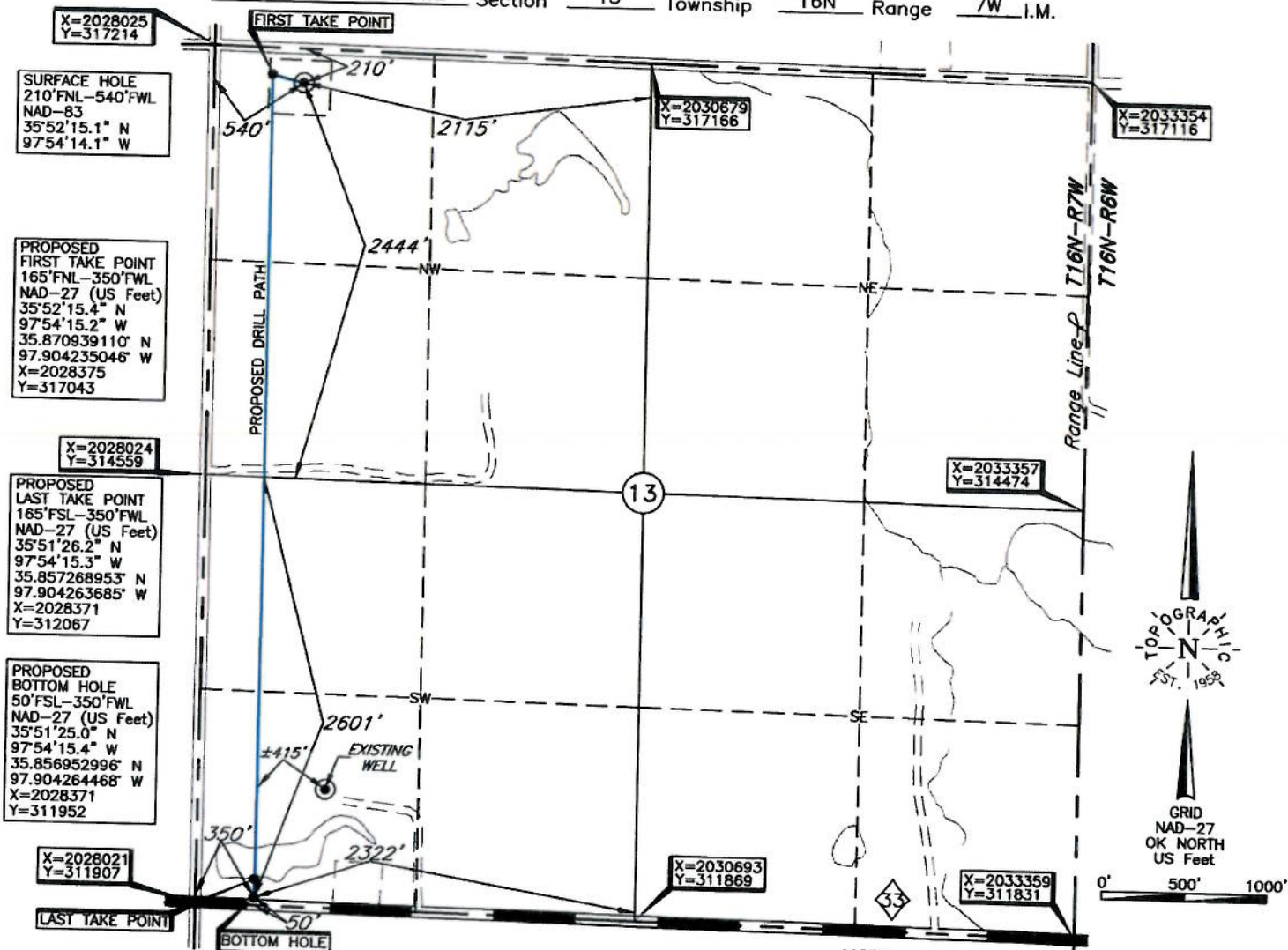
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. 1293 LS

KINGFISHER

County, Oklahoma

3507325669

210'FNL - 540'FWL Section 13 Township 16N Range 7W I.M.



FIRST TAKE POINT, LAST TAKE POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

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

Operator: MARATHON OIL COMPANY

Lease Name: WHITE 1607

Topography & Vegetation Loc. fell in terraced wheat field

Well No.: 1-130H

**ELEVATION:**  
 1089' Gr. at Stake NAVD88  
 1088' Gr. at Stake NGVD29

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

Best Accessibility to Location From North off county road

Distance & Direction from Hwy Jct or Town From Jct. US Hwy. 81 N-S and St. Hwy. 33 E-W in Kingfisher, OK, go ±1.5 mi. East on St. Hwy. 33, then ±1.0 mi. North to the NW Cor. of Sec. 13-T16N-R7W

DATUM: NAD-27  
 LAT: 35°52'14.9"N  
 LONG: 97°54'12.9"W  
 LAT: 35.870805305° N  
 LONG: 97.903594018° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 2028565  
 Y: 316994

Invoice # 269699 Date of Drawing: Feb. 24, 2017  
 Date Staked: Feb. 22, 2017 AC

**CERTIFICATE:**  
 I, Lee K. Goss an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Oklahoma Lic. No. 1778



This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.