

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

API NUMBER: 073 25485

Approval Date: 01/17/2017  
Expiration Date: 07/17/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 18N Rge: 6W County: KINGFISHER  
SPOT LOCATION:  NW  NW  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 255 225

Lease Name: HILL TRUST 1806 Well No: 1-10MH Well will be 225 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

TRUSTEE OF THE LESTER HILL TRUST  
RR 3 BOX 96  
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7000	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 685732

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201604829

Special Orders:

Total Depth: 13297

Ground Elevation: 1167

**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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 10 Twp 18N Rge 6W County KINGFISHER

Spot Location of End Point: S2 SW SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 7600

Radius of Turn: 462

Direction: 177

Total Length: 4971

Measured Total Depth: 13297

True Vertical Depth: 8334

End Point Location from Lease,  
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

1/17/2017 - 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

1/17/2017 - 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

1/17/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201604829

1/17/2017 - G64 - (I.O.) 10-18N-6W  
X201604825 MSSP, OTHER \*\*  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL  
NO OP. NAMED  
REC. 12-13-2016 (DUNN)

SPACING - 685732

\*\*S/B X685732 MSSP; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER OPERATOR  
1/17/2017 - G64 - (640)(HOR) 10-18N-6W  
EXT 656245 MSSP, OTHERS  
EXT OTHER  
COMPL. INT. NCT 660' FB  
(COEXIST SP. ORDER 51904/62761 MSSLM; ORDER 355685 MNNG; ORDER 265034 MNNG)

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

073 25485 HILL TRUST 1806 1-10MH

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.

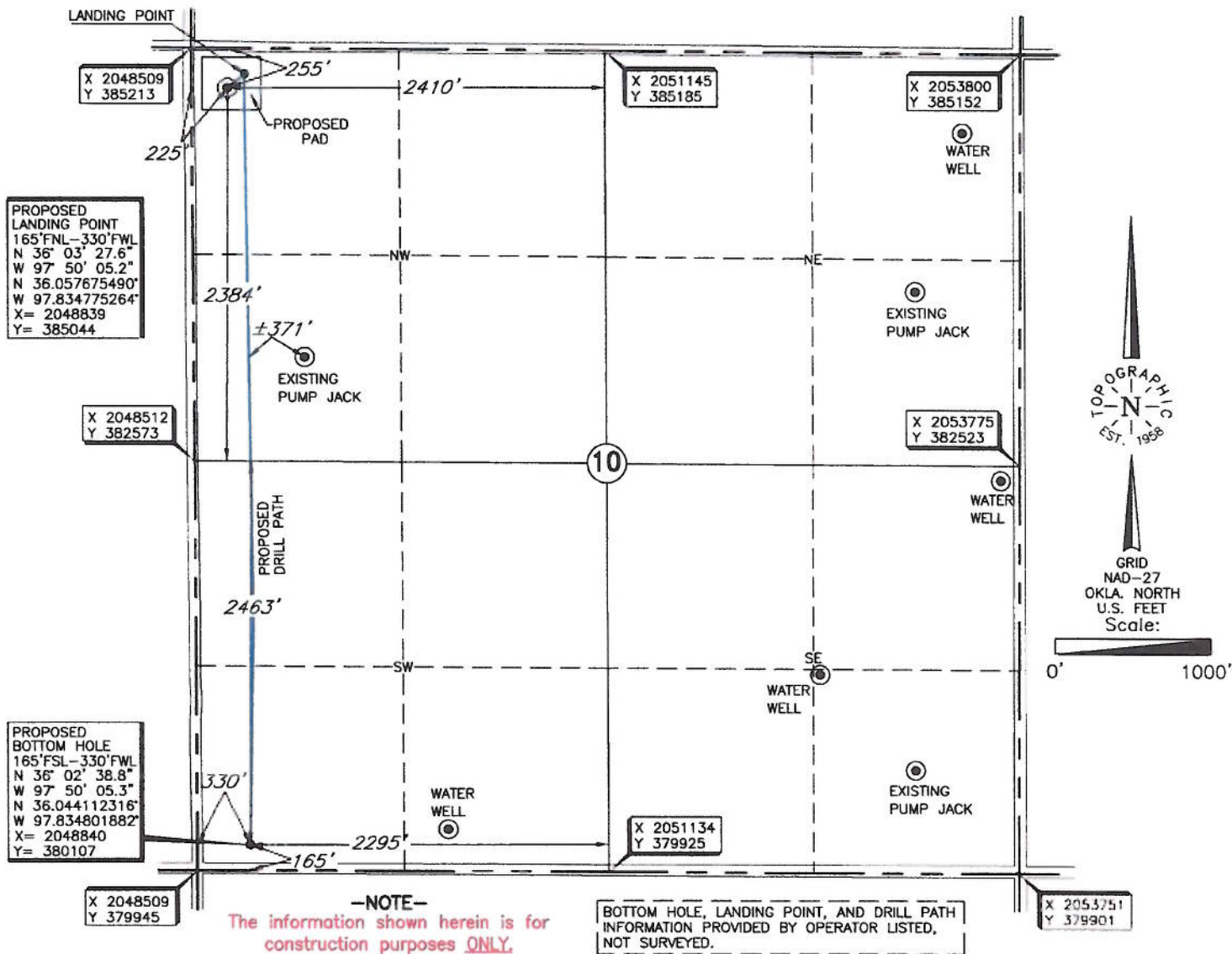
**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

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

255'FNL - 225'FWL Section 10 Township 18N Range 6W I.M.



Operator: MARATHON OIL COMPANY

Lease Name: HILL TRUST 1806

Well No.: 1-10MH

**ELEVATION:**  
1167' Gr. at Stake (NGVD 29)

Topography & Vegetation Location fell in level wheat field.

Good Drill Site? Yes Reference Stakes Set None

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

Distance & Direction from Hwy Jct or Town From Hennessey, OK., go east on St. Hwy. 51 ±3.5 miles, then south ±4 miles to the Northwest Corner of Section 10, T18N-R6W.

(This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy)  
 DATUM: NAD-27  
 LAT: 36°03'26.8"N  
 LONG: 97°50'06.5"W  
 LAT: 36.057431766°N  
 LONG: 97.835130498°W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 2048734  
 Y: 384955

Date of Drawing: November 8, 2016  
 Invoice # 267823 Date Staked: November 4, 2016 JGW

**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 Reg. No. 1433

