

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

API NUMBER: 073 25384

Approval Date: 09/27/2016
Expiration Date: 03/27/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 16N Rge: 7W County: KINGFISHER
SPOT LOCATION: NW NW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 212 1046

Lease Name: YOST 1607 Well No: 6-8MH Well will be 212 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

CAROL ANN YOST TRUST
2607 NW 154TH STREET
EDMOND OK 73013

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7541	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 631870

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201603763
201603764
201603768

Special Orders:

Total Depth: 13226

Ground Elevation: 1003

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 210

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:

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

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 08 Twp 16N Rge 7W County KINGFISHER

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 350

Depth of Deviation: 7603

Radius of Turn: 750

Direction: 176

Total Length: 4445

Measured Total Depth: 13226

True Vertical Depth: 8334

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

Notes:

Category

Description

DEEP SURFACE CASING

9/27/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

9/27/2016 - 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

9/27/2016 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201603763

9/27/2016 - G75 - (I.O.) 8-16N-7W
X631870 MSSP
COMPL. INT. NCT 165' FNL & NCT 330' FWL, NCT 165' FSL & NCT 330' FEL
NO OP. NAMED
REC 9-13-2016 (M. PORTER)

PENDING CD - 201603764

9/27/2016 - G75 - 8-16N-7W
X631870 MSSP
5 WELLS
NO OP. NAMED
REC 9-13-2016 (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 - 201603768	9/27/2016 - G75 - (I.O.) 8-16N-7W X165:10-3-28(C)(2)(B) MSSP (YOST 1607 6-8MH) MAY BE CLOSER THAN 600' TO BOLLENBACH 1 NO OP. NAMED REC 9-13-2016 (M. PORTER)
SPACING - 631870	9/27/2016 - G75 - (640)(HOR) 8-16N-7W VAC OTHERS VAC 77792 MSSLM EST MSSP, OTHERS COMPL. INT. NLT 660' FB (COEXIST SP. ORDER # 48606 MCSTR)

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 L.S.

KINGFISHER

County, Oklahoma

212'FNL - 1046'FEL Section 8 Township 16N Range 7W I.M.

LANDING POINT
 150'FNL-350'FEL
 NAD-83
 35.88550382°N
 97.96068599°W

NAD-83
 35.88560391°N
 97.97748748°W

NAD-83
 35.88576374°N
 97.96852241°W

NAD-83
 35.88593891°N
 97.95950515°W

SURFACE HOLE
 NAD-83
 35.88528762°N
 97.96303510°W

NAD-83
 35.87868917°N
 97.95949357°W

NAD-83
 35.87833609°N
 97.97743886°W

BASIS OF BEARING:
 GEODETIC

BASIS OF ELEVATION:
 1068' (NAVD-88) AT
 THE S/4 CORNER OF
 SECTION 8 PER
 OPUS SOLUTION.

BOTTOM HOLE
 50'FSL-350'FEL
 NAD-83
 35.87146947°N
 97.96063967°W

NAD-83
 35.87119637°N
 97.96842500°W

NAD-83
 35.87104213°N
 97.97739181°W

BOTTOM HOLE, LANDING POINT & DRILL
 PATH INFORMATION PROVIDED BY
 OPERATOR LISTED, NOT SURVEYED.

-NOTE-
 The information shown herein is for
 construction purposes ONLY.

NAD-83
 35.87135264°N
 97.95945777°W



GEODETIC
 NAD-83

Scale:



Operator: MARATHON OIL COMPANY

Lease Name: YOST 1607 ALTERNATE

Well No.: 6-8MH

ELEVATION:
 1003' Gr. at Stake (NAVD 88)

Topography & Vegetation Location fell in plowed field, ±231' NW of NE-SW pipeline, ±175' S. of E-W powerline & fence, ±339' SE of east bank of NE-SW waterway.

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 the Junction of U.S. Hwy. 81 & St. Hwy. 33 in Kingfisher, OK., go north on U.S. Hwy. 81 ±1.7 miles, then west ±1.5 miles to the Northeast Corner of Section 8, T16N-R7W.

Date of Drawing: September 20, 2016

Invoice # 265758B Date Staked: September 12, 2016 JGW

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

DATUM: NAD-83
 LAT: 35.88528762°N
 LONG: 97.96303510°W

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

