

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

API NUMBER: 073 25387

Approval Date: 09/29/2016  
Expiration Date: 03/29/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 16N Rge: 7W

County: KINGFISHER

SPOT LOCATION:  NW  NE  NW  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 232 834

Lease Name: YOST 1607

Well No: 2-8MH

Well will be 232 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	7624	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 631870

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201603765  
201603764

Special Orders:

Total Depth: 13193

Ground Elevation: 1103

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 220

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

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

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: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 350

Depth of Deviation: 7578

Radius of Turn: 750

Direction: 185

Total Length: 4437

Measured Total Depth: 13193

True Vertical Depth: 8309

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 - 201603764

9/27/2016 - G75 - 8-16N-7W  
X631870 MSSP  
5 WELLS  
NO OP. NAMED  
REC 9-13-2016 (M. PORTER)

PENDING CD - 201603765

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)

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 - 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**

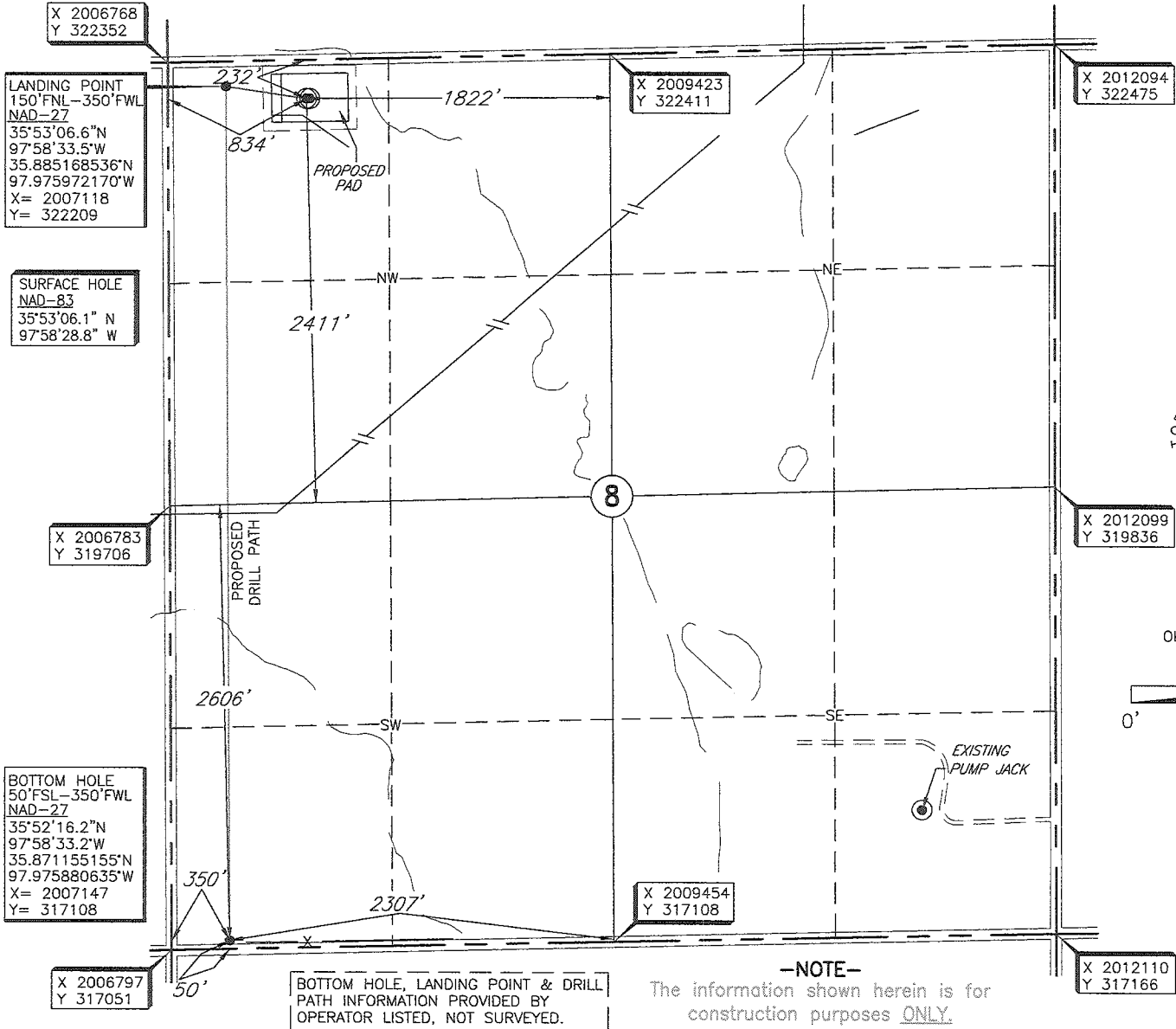
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. 1293 LS.

KINGFISHER

County, Oklahoma

API 073-25387

232'FNL - 834'FWL Section 8 Township 16N Range 7W I.M.



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

**ELEVATION:**  
 1104' Gr. at Stake NAVD-88  
 1103' Gr. at Stake NGVD-29

Operator: MARATHON OIL COMPANY

Lease Name: YOST 1607 ALTERNATE

Topography & Vegetation Location fell in pasture.

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 Co., OK., go north on U.S. Hwy. 81 ±1.7 miles, then west ±2.5 miles to the Northwest Corner of Section 8, T16N-R7W.

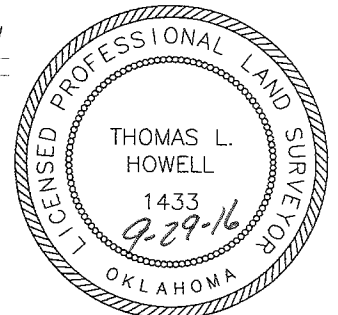
DATUM: NAD-27  
 LAT: 35°53'05.9"N  
 LONG: 97°58'27.6"W  
 LAT: 35.884972175°N  
 LONG: 97.974336596°W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 2007603  
 Y: 322138

Date of Drawing: September 29, 2016  
 Invoice # 265754 Date Staked: September 20, 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



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