

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

API NUMBER: 073 25644

Approval Date: 05/16/2017
Expiration Date: 11/16/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 15N Rge: 6W

County: KINGFISHER

SPOT LOCATION: NE NE NE NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 317 2461

Lease Name: EVE 1506

Well No: 4-7MH

Well will be 317 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

JIM & BRENDA STRUCK
27381 N 2880 ROAD
KINGFISHER OK 73132

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7491	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 630459

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201701694
201701700
201701690

Special Orders:

Total Depth: 12859

Ground Elevation: 1162

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 270

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 17 Twp 15N Rge 6W County KINGFISHER

Spot Location of End Point: SW SW SE SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1485

Depth of Deviation: 7258

Radius of Turn: 462

Direction: 194

Total Length: 4875

Measured Total Depth: 12859

True Vertical Depth: 7983

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

Notes:

Category

Description

DEEP SURFACE CASING

5/15/2017 - G64 - 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

5/15/2017 - G64 - 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

5/15/2017 - G64 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201701690

5/15/2017 - G64 - 17-15N-6W
X630459 MSSP, OTHERS
9 WELLS
MARATHON OIL COMPANY
REC. 4-18-2017 (M. PORTER)

PENDING CD - 201701694

5/15/2017 - G64 - (I.O.) 17-15N-6W
X630459 MSSP, OTHERS
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL
NO OP. NAMED
REC. 4-18-2017 (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 - 201701700	5/15/2017 - G64 - (I.O.) 17-15N-6W X165:10-3-28(C)(2)(B) MSSP, OTHERS WELL MAY BE CLOSER THAN 600' TO THE EVE 1506 1-17MH & PROPOSED WELLS NO OP. NAMED REC. 4-18-2017 (M. PORTER)
SPACING - 630459	5/15/2017 - G64 - (640)(HOR) 17-15N-6W VAC 55631 MNGSD VAC 55631 MSSLM (N2, SE4, W2 SW4) VAC OTHER EST MSSP, OTHERS COMPL. INT. NLT 660' FB (COEXIST SP. ORDER 55631 MSSLM E2 SW4)

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.

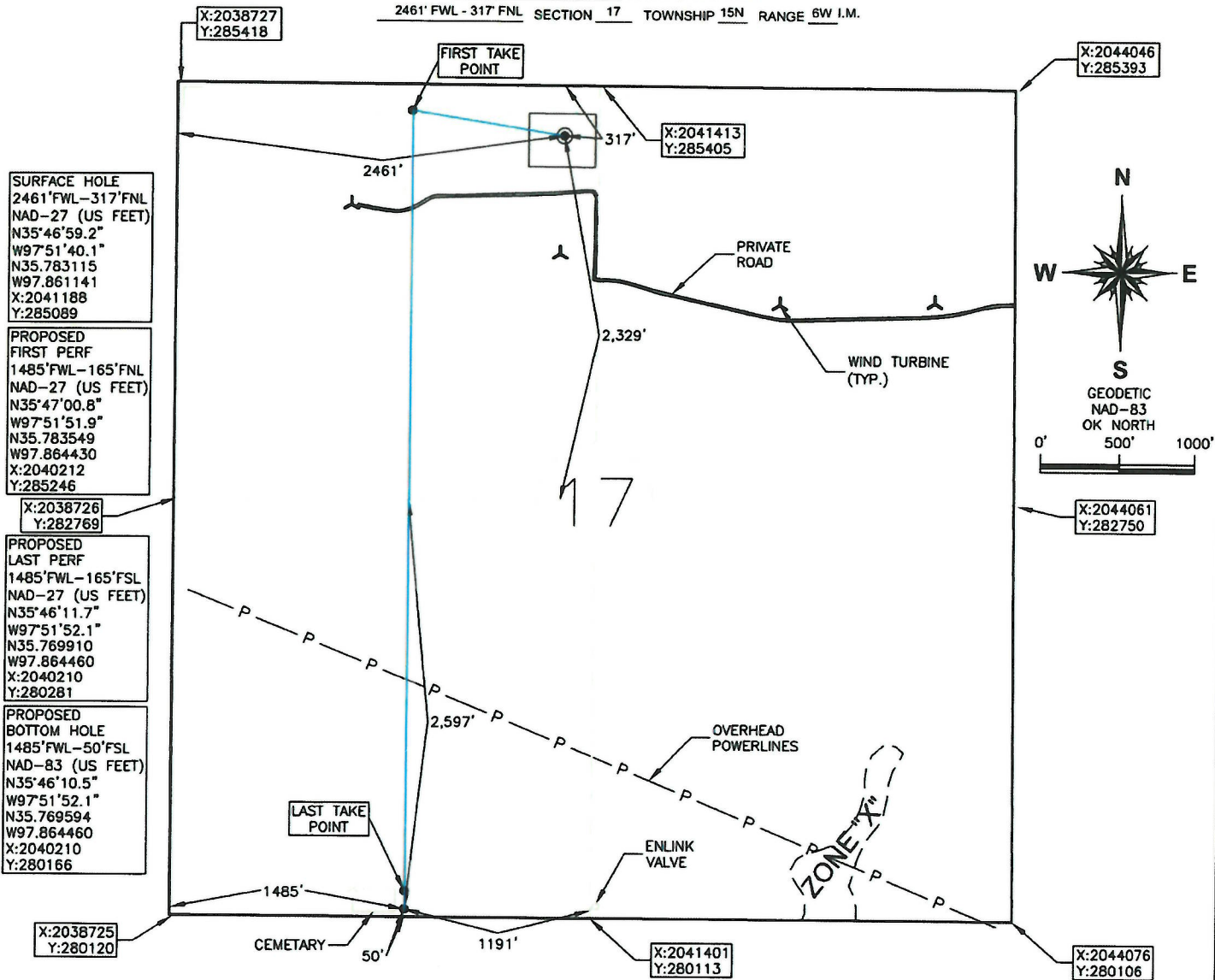
API: 073 25644

REV#	DATE	DESC.
5	5/2/17	UPDATED DRILL PATH



KINGFISHER COUNTY, OKLAHOMA

2461' FWL - 317' FNL SECTION 17 TOWNSHIP 15N RANGE 6W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: EVE 1506

WELL NO.: 4-17MH

ELEVATION:
1,165' GR. AT STAKE NAVD88
1,162' GR. AT STAKE NGVD29

TOPOGRAPHY & VEGETATION: LEVEL CULTIVATED FIELD

GOOD DRILL SITE? YES REFERENCE STAKES OR ALTERNATE LOCATION STAKES SET NONE

BEST ACCESS TO LOCATION: FROM COUNTY ROAD E0850 TO THE NORTH.

DISTANCE AND DIRECTION FROM HWY JCT OR TOWN: FROM INTERSECTION OF OK HWY 33 AND OK HWY 3. DRIVE 4.4 MILES SOUT - SOUTHWESTERLY TO COUNTY ROAD E0840. DRIVE EAST AND SOUTH ON E0840 FOR A TOTAL DISTANCE OF 4.2 MILES TO COUNTY ROAD E0850. TURN EAST ON E0850 FOR 1.1 MILES. THE LOCATION IS IN THE PASTURE 300' SOUTH.

DATUM: NAD 27
 LAT: 35° 46' 59.2" N
 LONG: 97° 51' 40.1" W
 LAT: 35.783115° N
 LONG: 97.861141° W
 STATE PLANE COORDINATES: (US FEET)
 ZONE: OK NORTH
 X: 2041188
 Y: 285089

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

DATE OF DRAWING: 03-16-17
 JOB NO.: 17000655
 DATE STAKED: 03-08-17

CERTIFICATE:
 I, David Anderson an Oklahoma Licensed Land Surveyor and an authorized agent of Atwell, LLC, do hereby certify to the information shown herein.

David L. Anderson
 Oklahoma Lic. No. 1927 5/5/17

