

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

API NUMBER: 073 26103

Approval Date: 06/13/2018
Expiration Date: 12/13/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 17N Rge: 7W

County: KINGFISHER

SPOT LOCATION: NE NE NW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 255 1015

Lease Name: MATTHEWS 11-17-7

Well No: 1H

Well will be 255 feet from nearest unit or lease boundary.

Operator Name: CHESAPEAKE OPERATING LLC

Telephone: 4059353425; 4059358

OTC/OCC Number: 17441 0

CHESAPEAKE OPERATING LLC
PO BOX 18496
OKLAHOMA CITY, OK 73154-0496

EUGENE A. AND BETTY J. HARRIS TRUST
1205 REGENCY COURT
KINGFISHER OK 73750

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

Name	Depth	Name	Depth
1 OSWEGO	6492	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804050
201804051

Special Orders:

Total Depth: 13217

Ground Elevation: 1046

Surface Casing: 530

Depth to base of Treatable Water-Bearing FM: 280

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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? Y

Wellhead Protection Area? Y

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34606
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 11 Twp 17N Rge 7W County KINGFISHER

Spot Location of End Point: C S2 SE SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 6272

Radius of Turn: 500

Direction: 197

Total Length: 6160

Measured Total Depth: 13217

True Vertical Depth: 6633

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

HYDRAULIC FRACTURING

6/8/2018 - G71 - OCC 165:10-3-10 REQUIRES:

- 1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;
- 2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,
- 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

PENDING CD - 201804050

6/13/2018 - G58 - (640)(HOR) 11-17N-7W
EXT 671353 OSWG, OTHER
COMPL. INT. NLT 660' FB
(COEXIST SP. ORDER 78037 OSWG (NE4 & S2); SP. ORDER 179052 OSWG (NW4))
REC 6/11/2018 (MILLER)

PENDING CD - 201804051

6/13/2018 - G58 - (I.O.) 11-17N-7W
X201804050 OSWG
COMPL. INT. NCT 330' FSL, NCT 330' FNL, NCT 330' FEL
NO OP. NAMED
REC 6/11/2018 (MILLER)

PUBLIC WATER SUPPLY WELLS

6/8/2018 - G71 - KINGFISHER - 2 PWS/WPA, NE/4 11-17N-7W & 3 PWS/WPA, SW/4 12-17N-7W

CHESAPEAKE ENERGY

073-26103

OPERATOR: CHESAPEAKE OPERATING, LLC.
 LEASE NAME: MATTHEWS 11-17-7
 WELL NO. 1H
 STAKED DATE: 2/7/2018

GROUND ELEVATION: 1046.22 GR. AT STAKE
 SURFACE HOLE FOOTAGE: 255' FNL - 1015' FWL

SECTION: 12 TOWNSHIP: T17N RANGE: R7W
 KINGFISHER COUNTY, STATE: OK

BOTTOM HOLE: 11-T17N-R7W-1.M.
 BOTTOM HOLE FOOTAGE: 330' FSL - 660' FEL
 LANDING POINT FOOTAGE: 500' FNL - 660' FEL

ACCESSIBILITY TO LOCATION: FROM WEST LINE
 TOPOGRAPHY & VEGETATION: LOCATION FELL ON THE NORTH EDGE OF A FIELD.

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:
 FROM THE TOWN OF DOVER HEAD SOUTH ON US-81
 ±0.2MI TO E BOUNDARY ST AKA E0715RD, HEAD EAST
 ±0.2MI TO N2860RD, HEAD SOUTH ±0.6MI TO AN
 EXISTING LEASE RD TO THE EAST, HEAD EAST ON LEASE
 RD ±0.2MI, PAD SITE IS TO THE NORTH.

SURFACE HOLE DATA

STATE PLANE COORDINATES:
 ZONE: OK-NORTH NAD27
 X: 2028357.2
 Y: 353239.1
 GPS DATUM: NAD27
 LAT: 35.97037914
 LONG: -97.90417107

STATE PLANE COORDINATES:
 ZONE: OK-NORTH NAD83
 X: 1996758.1
 Y: 353263.0
 GPS DATUM: NAD83
 LAT: 35.97041962
 LONG: -97.90450392

BOTTOM HOLE DATA

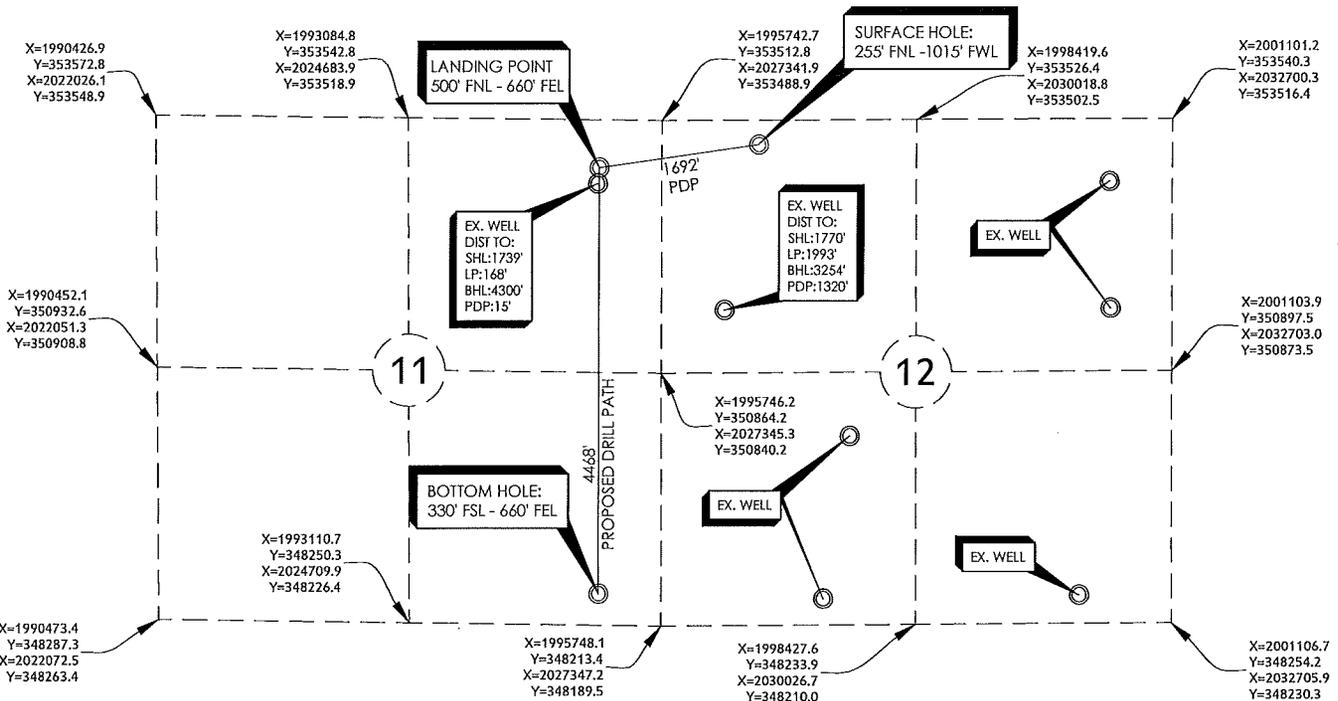
STATE PLANE COORDINATES:
 ZONE: OK-NORTH NAD27
 X: 2026686.9
 Y: 348528.8
 GPS DATUM: NAD27
 LAT: 35.95744346
 LONG: -97.90983035

STATE PLANE COORDINATES:
 ZONE: OK-NORTH NAD83
 X: 1995087.8
 Y: 348552.7
 GPS DATUM: NAD83
 LAT: 35.95748424
 LONG: -97.91016309

LANDING POINT DATA

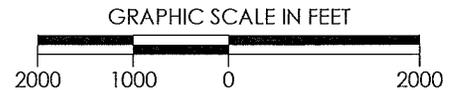
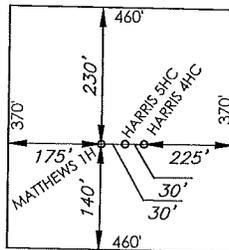
STATE PLANE COORDINATES:
 ZONE: OK-NORTH NAD27
 X: 2026682.6
 Y: 352996.3
 GPS DATUM: NAD27
 LAT: 35.96971671
 LONG: -97.90983117

STATE PLANE COORDINATES:
 ZONE: OK-NORTH NAD83
 X: 1995083.4
 Y: 353020.2
 GPS DATUM: NAD83
 LAT: 35.96975718
 LONG: -97.91016415



PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR, BUT ACCURACY OF THIS EXHIBIT IS NOT GUARANTEED. PLEASE CONTACT CRAFTON TULL PROMPTLY IF ANY INCONSISTENCY IS DETERMINED. GPS DATA IS OBSERVED FROM RTK-GPS. NOTE: X AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON THE GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED.

PAD DIAGRAM (NOT TO SCALE)



CERTIFICATION:
 THIS IS TO CERTIFY THAT THIS WELL LOCATION EXHIBIT WAS COMPILED AND PREPARED UNDER MY SUPERVISION.

2018.04.17 10:12:44-05'00"

Denver Winchester
 DENVER WINCHESTER PLS 1952

MATTHEWS 11-17-7 1H

REVISION DATE:	
-	-

PART OF THE NW/4 OF SECTION 12, T17N, R7W
 WELL LOCATION EXHIBIT
 KINGFISHER COUNTY, OKLAHOMA

300 Pointe Parkway Blvd
 Yukon, OK 73099
 405.787.6270 | 405.787.6276 f
 www.craftontull.com
Crafton Tull
 SURVEYING
 CERTIFICATE OF AUTHORIZATION:
 CA 973 (PE/LS) EXPIRES 6/30/2018

SCALE: 1" = 2000'
 PLOT DATE: 02-27-2018
 DRAWING: 17601114-WELL-P
 DRAWN BY: SQ
 SHEET NO.: 3 OF 3

