

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

API NUMBER: 073 26002

Approval Date: 04/10/2018
Expiration Date: 10/10/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 17N Rge: 7W

County: KINGFISHER

SPOT LOCATION: SW NW NE NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 400 1435

Lease Name: STUTEVILLE 23-17-7

Well No: 3H

Well will be 400 feet from nearest unit or lease boundary.

Operator Name: CHESAPEAKE OPERATING LLC

Telephone: 4059353425; 40593358

OTC/OCC Number: 17441 0

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

JJS, L.L.C.
1009 PARK PLAZA
KINGFISHER OK 73750

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

	Name	Depth	Name	Depth
1	OSWEGO	6660	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 667564

Location Exception Orders: 672932

Increased Density Orders: 670552

Pending CD Numbers:

Special Orders:

Total Depth: 12500

Ground Elevation: 1083

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: 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: 25000 Average: 8000

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

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34133

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 23 Twp 17N Rge 7W County KINGFISHER

Spot Location of End Point: C N2 N2 NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 6472

Radius of Turn: 989

Direction: 359

Total Length: 4474

Measured Total Depth: 12500

True Vertical Depth: 6833

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

Notes:

Category

Description

DEEP SURFACE CASING

4/9/2018 - 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

4/9/2018 - 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

INCREASED DENSITY - 670552

4/10/2018 - G58 - 23-17N-7W
X667564 OSWG
3 WELLS
CHESAPEAKE OPERATING, LLC.
11/29/17

LOCATION EXCEPTION - 672932

4/10/2018 - G58 - (I.O.) 23-17N-7W
X667564 BGLM, OSWG
COMPL. INT. NCT 330' FNL, NCT 330' FSL, NCT 900' FWL CHESAPEAKE OPERATING, LLC
1/31/18

SPACING - 667564

4/10/2018 - G58 - (640)(HOR) 23-17N-7W
EXT 644145 OSWG, OTHERS
COMPL. INT. NCT 660' FB
(COEXIST WITH SP. ORDER 40411/42259 OSWG)

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073 26002 STUTEVILLE 23-17-7 3H

CHESAPEAKE ENERGY

OPERATOR: CHESAPEAKE OPERATING, LLC
 LEASE NAME: STUTEVILLE 23-17-7
 WELL NO. 3H
 STAKED DATE: 2/6/18

GROUND ELEVATION: 1082.75 GR. AT STAKE
 SURFACE HOLE FOOTAGE: 400' FNL - 1435' FWL
 SECTION: 26 TOWNSHIP: T17N RANGE: R7W
 KINGFISHER COUNTY, STATE: OK

BOTTOM HOLE: 23-T17N-R7W-LM
 BOTTOM HOLE FOOTAGE: 330' FNL - 1320' FWL
 LANDING POINT FOOTAGE: 500' FSL - 1320' FWL

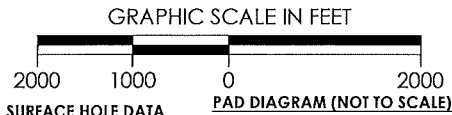
ACCESSIBILITY TO LOCATION: FROM NORTH LINE
 TOPOGRAPHY & VEGETATION: LOCATION FELL ON THE NORTH EDGE OF A FIELD.

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:
 FROM THE TOWN OF KINGFISHER HEAD NORTH ON US-81 ±4.7MI TO WHERE IT INTERSECTS N2850RD, HEAD SOUTH ON N2850RD ±160FT TO E75RD, HEAD EAST ±0.3MI, PAD SITE IS SOUTH OF ROAD.

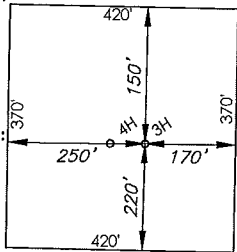
BASIS OF BEARING:
 GRID NORTH (NAD 83)
 OKLAHOMA - NORTH ZONE



073-26002



SURFACE HOLE DATA
 STATE PLANE COORDINATES:
 ZONE: OK-NORTH NAD27
 X: 2023662.3
 Y: 337237.5
 GPS DATUM: NAD27
 LAT: 35.92643140
 LONG: -97.92008149



LANDING POINT DATA
 STATE PLANE COORDINATES:
 ZONE: OK-NORTH NAD83
 X: 1992063.3
 Y: 337261.4
 GPS DATUM: NAD83
 LAT: 35.92647290
 LONG: -97.92041390

BOTTOM HOLE DATA
 STATE PLANE COORDINATES:
 ZONE: OK-NORTH NAD27
 X: 2023459.3
 Y: 342611.9
 GPS DATUM: NAD27
 LAT: 35.94119654
 LONG: -97.92075205

LANDING POINT DATA
 STATE PLANE COORDINATES:
 ZONE: OK-NORTH NAD27
 X: 2023533.0
 Y: 338138.6
 GPS DATUM: NAD27
 LAT: 35.92890715
 LONG: -97.92051563

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.

CERTIFICATION:
 THIS IS TO CERTIFY THAT THIS WELL LOCATION EXHIBIT WAS COMPILED AND PREPARED UNDER MY SUPERVISION.
 2018.02.12 09:46:37-06'00"

[Signature]
 DENVER WINCHESTER PLS 1952



STUTEVILLE 23-17-7 3H

REVISION DATE:	
-	-

PART OF THE NW/4 OF SECTION 26, 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: 02-12-2018

DRAWING: 17601116-WELL-P
 DRAWN BY: SQ

SHEET NO.: 3 OF 3

