

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

API NUMBER: 073 26125 A

Approval Date: 12/05/2019
Expiration Date: 06/05/2021

Horizontal Hole
Multi Unit
Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 17N Rge: 7W County: KINGFISHER
SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 300 1828

Lease Name: BEVERLY 27-17-7 Well No: 1HC Well will be 300 feet from nearest unit or lease boundary.
Operator Name: CHESAPEAKE OPERATING LLC Telephone: 4059357539; 4059358 OTC/OCC Number: 17441 0

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

MARY J. PENNDORF REVOCABLE TRUST
12169 SOUTH EAST 172ND LANE
SUMMERFIELD FL 34491

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

Name	Depth	Name	Depth
1 OSWEGO	6818	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 641398 Location Exception Orders: 699417 Increased Density Orders: 674154
644145 695316 692625
699416

Pending CD Numbers:

Special Orders:

Total Depth: 16800 Ground Elevation: 1070 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 220

Deep surface casing has been approved

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34740

Chlorides Max: 5000 Average: 3000

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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 22 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: 6064

Radius of Turn: 500

Direction: 357

Total Length: 9951

Measured Total Depth: 16800

True Vertical Depth: 6863

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

Notes:

Category	Description
DEEP SURFACE CASING	11/21/2019 - 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	11/21/2019 - 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: OCCWEB.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 - 674154 (201800103)	6/27/2018 - G57 - 22-17N-7W X641398 OSWG 2 WELLS CHESAPEAKE OPERATING, LLC. 2-28-2018
INCREASED DENSITY - 692625 (201800103)	12/5/2019 - GB1 - EXT OF TIME FOR ORDER # 674154 UNTIL 2/28/2020
LOCATION EXCEPTION - 695316 (201901861)	12/5/2019 - GB1 - (I.O.) 22-17N-7W X641398 OSWG COMPL. INT. NCT 330' FNL, NCT 0' FSL, NCT 660' FWL NO OP. NAMED 4/29/2019
LOCATION EXCEPTION - 699417 (201901859)	12/5/2019 - GB1 - (I.O.) 27-17N-7W X644145 OSWG COMPL. INT. NCT 0' FNL, NCT 330' FSL, NCT 660' FWL NO OP. NAMED 7/19/2019
SPACING - 641398	12/5/2019 - GB1 - (640)(HOR) 22-17N-7W VAC 242914 OWSG, OTHER VAC 109727 OWSG NW4 VAC 40411/42259 OSWG N2 NE4 EST OSWG, OTHER COMPL INT NLT 660' FB (COEXIST SP. ORDER #40411/42259 OWSG S2 NE4, N2 SE4, S2 SE4, & SP# 109727 OSWG N2 SW4, S2 SW4)

This permit does not address the right of entry or settlement of surface damages.

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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.

073 26125 BEVERLY 27-17-7 1HC

SPACING - 644145

12/5/2019 - GB1 - (640)(HOR) 27-17N-7W
VAC 40411/42259 OSWG S2 & N2 NW4
VAC OTHERS
EST OSWG, OTHERS
COMPL INT NLT 660' FB
(COEXIST SP # 40411/42259 S2 NW4, N2 NE4, S2 NE4)

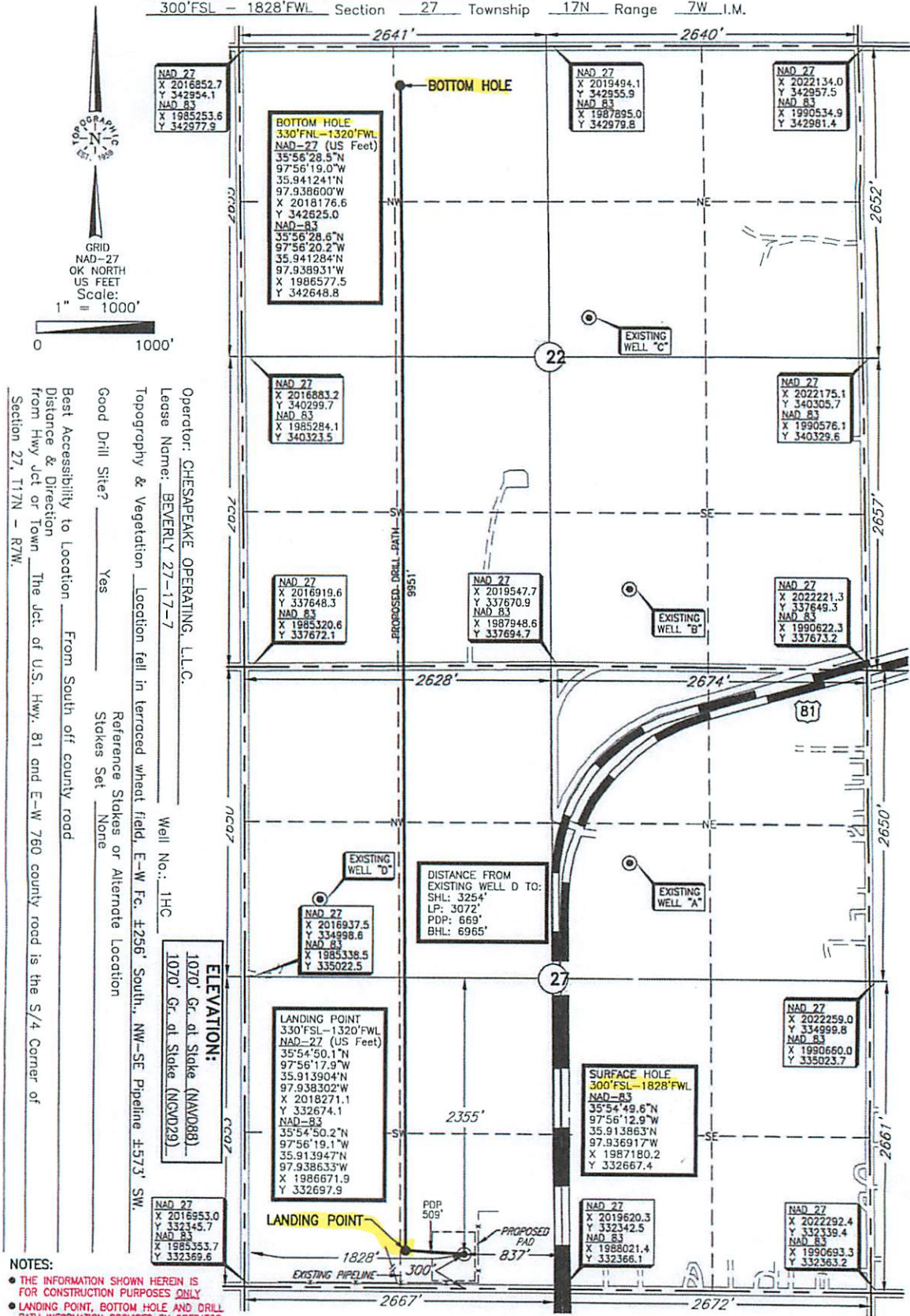
SPACING - 699416 (201901857)

12/5/2019 - GB1 - (I.O.) 27 & 22-17N-7W
EST MULTIUNIT HORIZONTAL WELL
X644145 OSWG 27-17N-7W
X641398 OSWG 22-17N-7W
50% 27-17N-7W
50% 22-17N-7W
CHESAPEAKE OPERATING, LLC
7/19/2019

KINGFISHER

County, Oklahoma

300'FSL - 1828'FWL Section 27 Township 17N Range 7W 1.M.



Operator: CHESAPEAKE OPERATING, L.L.C.
Lease Name: BEVERLY 27-17-7
Topography & Vegetation: Location fell in terraced wheat field, E-W Fg. #256' South, NW-SE Pipeline #573' SW.
Good Drill Site? Yes
Best Accessibility to Location: From South off county road
Distance & Direction from Hwy Jct or Town: The Jct. of U.S. Hwy. 81 and E-W 760 county road is the S/4 Corner of Section 27, T17N - R7W.
Well No.: 1HC
ELEVATION: 1070' Gr. at Stake (NAVD88) - 1070' Gr. at Stake (NAD83)
Reference Stakes or Alternate Location: Stakes Set None

NOTES:
• THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
• LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

DATUM: NAD-27
LAT: 35°54'49.7"N
LONG: 97°56'11.7"W
LAT: 35°54'49.7"N
LONG: 97°56'11.7"W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2018779.1
Y: 332643.5

Date of Drawing: September 13, 2019
Project # 126994B Date Staked: August 21, 2019 RKM

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 Lic. No. 1433

